

Ground-Water Levels in the United States, 1968-72

Northeastern States

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 2140

*Prepared in cooperation with the States
of Connecticut, Delaware, Indiana,
Maine, Massachusetts, Michigan, New
Hampshire, New Jersey, New York,
Ohio, Pennsylvania, Rhode Island, and
Vermont, and with other agencies*



UNITED STATES DEPARTMENT OF THE INTERIOR

ROGERS C. B. MORTON, *Secretary*

GEOLOGICAL SURVEY

V. E. McKelvey, *Director*

Library of Congress catalog-card No. GS 61-188

**For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402 — Price \$1.75 (paper cover)
Stock Number 2401-02532**

PREFACE

This report was prepared by the U.S. Geological Survey in co-operation with the States of Connecticut, Delaware, Indiana, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, and Vermont, and with other agencies, by personnel of the Water Resources Division, E. L. Hendricks, 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.

The data were collected under the supervision of district chiefs, Water Resources Division, as follows:

J. A. Baker.....	Hartford, Conn.
N. H. Beamer.....	Harrisburg, Pa.
J. L. Cook.....	Indianapolis, Ind.
T. R. Cummings.....	Lansing, Mich.
R. J. Dingman.....	Albany, N.Y.
G. S. Hayes.....	Augusta, Maine
C. E. Knox.....	Boston, Mass.
J. E. McCall.....	Trenton, N.J.
J. J. Molloy.....	Columbus, Ohio
W. F. White, Jr.....	Towson, Md.

CONTENTS

	Page
Introduction.....	1
Connecticut.....	4
Delaware.....	17
Indiana.....	21
Maine.....	45
Massachusetts.....	54
Michigan.....	65
New Hampshire.....	86
New Jersey.....	90
New York.....	103
Ohio.....	126
Pennsylvania.....	151
Rhode Island.....	195
Vermont.....	201

ILLUSTRATIONS

Figure 1. Outline map of the United States showing States included in this volume.....	3
2-14. Location of observation wells, 1968-72 in.....	
2. Connecticut.....	5
3. Delaware.....	18
4. Indiana.....	22
5. Maine.....	46
6. Massachusetts.....	55
7. Michigan.....	66
8. New Hampshire.....	87
9. New Jersey.....	91
10. New York.....	104
11. Ohio.....	127
12. Pennsylvania.....	152
13. Rhode Island.....	196
14. Vermont.....	202
	V

GROUND-WATER LEVELS IN THE UNITED STATES 1968-72

NORTHEASTERN 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, 1940-72

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, 1940-72--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	2010
1967-71	.....	.....	2090	.....	.....	.....
1968-72	2140	.....	.....	.....	.....	.....

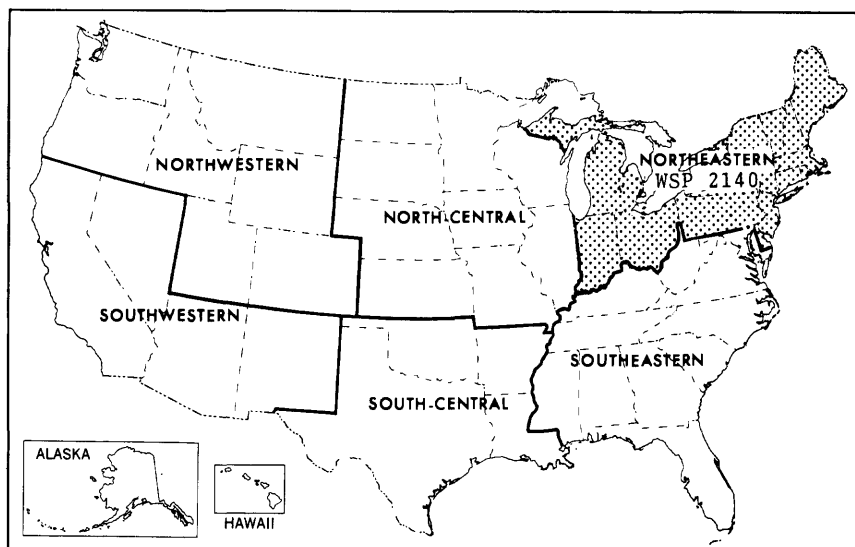


Figure 1. Map of the United States showing States for which records of water levels are published in this volume.

CONNECTICUT

The observation-well program in Connecticut was continued during the period 1968 through 1972 in cooperation with the State Department of Environmental Protection. Figure 2 shows the location of 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 number consists of an abbreviation of a town name and a serial number assigned within the town.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum, except for wells NHN 170, NHN 175, NHN 179, and NHN 235 where they are above and below mean sea level. 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 of each mixed table. Readings between plus signs are above the plane of reference, those between minus signs are below the plane of reference.

Fairfield County

413007N0732505.1. Local number BD 8. U.S. Geol. Survey. Rte. 7, Brookfield. Bored unused water-table well in sand and gravel of Pleistocene age, diam 1½ in, depth 53 ft, cased, well point 50-53. Lsd about 255 ft above msl. MP top of steel casing, 0.40 ft above lsd (since October 1971). Highest water level 26.89 below lsd, June 26, 1972; lowest 33.05 below lsd, Jan. 4, 1967. Records available: 1967-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1967	33.05	Sept. 6, 1967	31.61	May 15, 1968	29.18	Mar. 23, 1970	28.35
11	32.92	13	31.83	21	29.14	Apr. 20	27.01
17	32.79	14	31.86	June 3	28.57	May 18	28.55
25	32.68	19	32.02	10	28.31	June 23	29.99
Feb. 1	32.40	27	32.25	18	28.24	July 27	31.28
9	32.17	Oct. 5	32.35	25	28.43	Aug. 20	32.07
16	32.01	10	32.47	July 2	28.56	Sept. 23	32.65
27	31.75	18	32.55	9	28.92	Oct. 23	32.95
Mar. 9	31.62	23	32.58	16	29.31	Dec. 21	32.70
14	31.23	30	32.39	24	29.59	Jan. 21, 1971	32.68
21	30.57	Nov. 6	32.38	29	29.84	Feb. 23	31.90
29	30.09	13	32.45	Aug. 5	30.17	Mar. 25	28.87
Apr. 5	28.90	29	32.32	13	30.41	Apr. 23	28.75
12	28.63	Dec. 6	32.09	20	30.71	May 21	29.25
19	28.27	13	31.72	Sept. 3	31.28	June 22	30.03
26	28.04	19	31.05	11	30.98	July 23	31.26
May 3	28.12	26	31.70	19	31.43	Sept. 24	29.80
10	28.00	Jan. 10, 1968	30.43	25	31.60	Oct. 26	29.89
17	27.85	25	30.52	Oct. 10	32.03	Nov. 23	30.29
24	28.16	Feb. 5	30.33	Dec. 2	31.74	Dec. 29	29.42
June 1	28.46	12	30.16	Jan. 23, 1969	30.97	Jan. 24, 1972	29.14
9	28.89	16	30.23	Feb. 25	31.05	Feb. 22	29.01
15	29.18	28	30.60	Mar. 28	29.90	Mar. 24	27.40
21	29.36	Mar. 7	30.83	Apr. 21	28.61	Apr. 24	27.33
27	29.54	11	30.60	May 23	28.16	May 24	27.67
July 11	29.94	19	30.14	June 23	29.18	June 26	26.89
19	30.22	26	29.44	July 23	30.53	July 24	27.55
25	30.43	Apr. 3	29.00	Aug. 25	29.49	Aug. 21	29.61
Aug. 2	30.70	10	28.96	Sept. 22	30.64	Sept. 22	31.15
10	30.93	16	29.11	Oct. 22	31.39	Oct. 23	31.57
15	31.05	24	29.44	Nov. 25	30.25	Nov. 28	29.78
23	31.33	29	28.97	Dec. 19	29.50	Dec. 22	28.39
28	31.37	May 6	29.10	Feb. 24, 1970	27.55		

411256N0731531.1. Local number PF 23. U.S. Geol. Survey. Merritt Parkway near Rte. 59, Fairfield. Bored unused water-table well in glacial gravel of Pleistocene age, diam 1½ in, depth 42 ft, cased with steel, screened 39-42. Lsd 130 ft above msl. MP top of casing, 2.40 ft above lsd. Highest water level 4.78 below lsd, June 23, 1972; lowest 8.79 below lsd, Sept. 25, 1967. Records available: 1966-72.

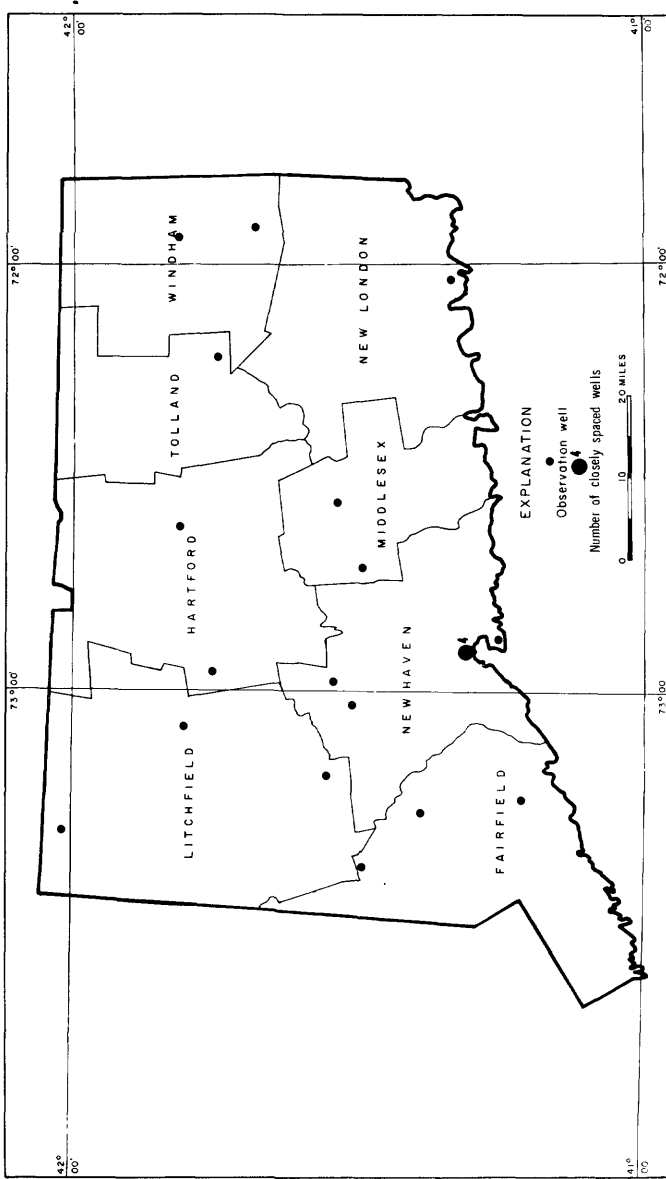


Figure 2.--Location of observation wells in Connecticut, 1968-72.

411256N0731531.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 26, 1966	8.13	July 26, 1968	8.51	Mar. 23, 1970	7.95	Aug. 24, 1971	8.42
Nov. 29	8.27	Oct. 22	8.44	Apr. 22	7.85	Sept. 23	7.67
Dec. 30	7.83	Dec. 2	7.96	May 22	8.18	Oct. 21	8.17
Jan. 30, 1967	8.26	23	7.63	June 22	8.42	Nov. 23	8.29
Mar. 14	7.30	Jan. 22, 1969	8.39	July 22	8.70	Dec. 27	8.09
Apr. 17	8.10	Feb. 20	8.43	Aug. 21	8.75	Jan. 24, 1972	8.16
May 5	8.13	Apr. 21	7.58	Sept. 21	8.68	Feb. 23	7.74
19	7.68	May 22	7.31	Oct. 27	8.54	Mar. 24	6.63
July 13	8.54	June 23	6.50	Nov. 23	9.13	Apr. 21	7.62
Sept. 8	8.74	July 23	8.42	Dec. 28	8.33	May 22	7.33
25	8.79	Aug. 28	8.54	Jan. 26, 1971	8.47	June 23	4.78
Oct. 25	8.54	Sept. 22	8.61	Feb. 23	7.58	July 24	8.03
Nov. 29	8.26	Oct. 21	8.40	Mar. 23	7.28	Aug. 22	8.40
Feb. 12, 1968	7.79	Nov. 24	8.02	Apr. 27	8.13	Sept. 25	8.59
Mar. 15	7.64	Dec. 23	7.79	May 24	7.90	Oct. 25	7.59
Apr. 4	7.89	Jan. 21, 1970	8.34	June 24	8.49	Nov. 22	7.50
May 17	8.18	Feb. 25	7.74	July 26	8.58	Dec. 20	7.58
June 14	7.20						

412429N0731651.1. Local number NF 15. U.S. Geol. Survey. Near Fairfield State Hospital, Newtown. Bored unused water-table well in glacial sand and gravel of Pleistocene age, diam 1½ in, depth 33 ft, cased with plastic, well point 31-33. Lsd about 265 ft above msl. MP lowest inside edge of plastic pipe, 2.40 ft above lsd. Highest water level 0.61 below lsd, June 26, 1972; lowest 10.50 below lsd, Oct. 23, 1970. Records available: 1967-72.

Jan. 31, 1967	5.47	Dec. 2, 1968	7.36	Apr. 20, 1970	2.59	Sept. 24, 1971	4.52
Mar. 1	5.52	Jan. 21, 1969	4.90	May 18	4.16	Oct. 26	4.37
Apr. 17	3.21	22	2.61	June 23	6.38	Nov. 23	4.85
May 5	3.77	Feb. 25	6.64	July 27	7.60	Dec. 29	3.49
19	3.57	Mar. 28	3.96	Aug. 20	9.40	Jan. 24, 1972	3.54
July 13	7.02	Apr. 21	3.04	Sept. 23	10.05	Feb. 22	4.39
Sept. 8	8.26	May 23	3.47	Oct. 23	10.50	Mar. 24	4.38
25	9.83	June 23	5.86	Dec. 21	9.50	Apr. 24	2.43
Oct. 25	9.89	July 23	7.88	Jan. 21, 1971	8.82	May 24	2.56
Nov. 29	8.95	Aug. 25	6.23	Feb. 23	5.30	June 26	.61
Feb. 12, 1968	4.58	Sept. 22	7.42	Mar. 25	3.23	July 24	3.17
Mar. 15	5.16	Oct. 22	8.38	Apr. 23	3.87	Aug. 21	5.52
Apr. 4	4.39	Nov. 25	5.20	May 21	3.95	Sept. 22	7.90
May 17	4.85	Dec. 19	3.83	June 22	6.36	Oct. 23	7.84
June 14	3.41	Jan. 26, 1970	4.68	July 23	8.14	Nov. 28	3.20
July 26	5.70	Feb. 24	2.78	Aug. 26	8.90	Dec. 22	.98
Oct. 23	9.20	Mar. 23	3.40				

Hartford County

414615N0725816.1. Local number BU 2. John Copjec. Formerly E. E. Edman. Junction of State Rtes. 44 and 69, Burlington. Dug domestic (previously reported unused) water-table well in glacial till of Pleistocene age, diam 36 in, depth 38 ft, lined with stone. Lsd about 880 ft above msl. MP top of curb, 3.00 ft above lsd. Highest water level 12.70 below lsd, Aug. 19, 1955; lowest 37.41 below lsd, Dec. 22, 1948. Records available: 1946-72. (1956-67 records not previously published.)

Jan. 21, 1956	19.73	June 22, 1957	20.05	Nov. 15, 1958	16.32	Sept. 21, 1959	23.93
Feb. 12	19.84	July 23	23.97	22	16.44	28	23.22
Mar. 31	18.02	28	24.90	29	16.49	Oct. 7	23.06
Apr. 5	17.80	Aug. 10	26.97	Dec. 8	16.25	31	21.44
12	13.00	18	28.33	17	16.32	Nov. 8	19.20
May 28	16.94	23	28.75	22	16.53	14	18.80
June 25	19.36	Nov. 1	35.40	29	17.21	23	17.48
July 22	20.20	15	35.80	Jan. 7, 1959	17.49	28	16.85
Aug. 15	20.80	15	35.92	14	18.29	Dec. 6	16.29
Sept. 10	24.01	Dec. 2	36.36	20	18.73	12	16.10
Oct. 7	32.41	Jan. 2, 1958	36.44	Feb. 7	19.79	Jan. 2, 1960	16.12
Nov. 3	33.85	Feb. 1	22.43	14	19.34	Feb. 1	17.06
17	34.31	Mar. 3	18.49	26	20.18	8	17.64
24	34.59	Apr. 1	14.45	Mar. 7	20.15	15	16.80
Dec. 2	34.99	10	14.00	14	20.32	21	16.48
Mar. 31	34.75	14	14.20	29	20.06	26	16.03
8	34.75	21	14.50	Apr. 6	19.49	Mar. 7	16.38
19	34.70	May 9	14.84	22	18.66	14	17.03
29	33.59	21	15.61	22	17.02	21	17.25
Jan. 5, 1957	29.39	28	15.80	27	17.13	27	17.49
12	26.59	June 1	16.11	May 8	16.42	Apr. 7	13.95
27	23.82	July 7	18.51	15	16.54	13	15.12
Feb. 10	21.21	14	18.68	22	17.27	21	15.44
17	20.43	21	19.08	28	17.74	27	15.87
Mar. 3	19.40	30	19.02	June 7	18.00	May 7	16.35
13	19.54	Aug. 7	19.07	15	18.44	13	16.82
19	19.14	14	18.96	22	19.47	19	16.82
16	18.90	22	19.27	27	19.87	27	16.83
23	18.42	28	19.19	July 7	21.05	June 7	17.05
31	18.25	Sept. 8	20.32	13	21.77	14	16.74
Apr. 8	18.00	14	20.10	28	22.60	20	17.15
15	16.70	22	21.55	Aug. 7	23.58	27	17.62
20	16.19	29	21.00	14	23.29	July 7	18.33
28	16.41	Oct. 9	19.06	24	20.90	14	18.84
May 5	16.51	17	19.05	29	23.97	21	19.72
June 9	18.92	30	17.32	Sept. 8	24.55	24	20.45
16	19.60	Nov. 8	17.68	13	24.05	Aug. 7	21.37

414615N0725816.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 14, 1960	21.69	Aug. 28, 1962	27.40	May 15, 1964	17.32	Mar. 14, 1966	25.07
21	22.47	Sept. 8	30.79	20	17.23	21	23.02
27	23.17	14	31.74	25	17.96	28	21.66
Sept. 6	23.46	21	31.80	31	19.53	Apr. 7	20.20
12	24.94	28	32.20	5	18.72	14	19.68
13	24.94	Oct. 7	33.09	10	19.00	21	19.32
21	24.84	14	33.03	15	19.88	26	19.46
27	23.40	21	31.06	20	20.06	May 7	18.72
Oct. 7	20.86	28	28.27	25	20.64	14	18.61
13	20.42	Nov. 7	26.35	30	21.50	21	18.38
21	20.43	14	24.00	5	22.08	27	18.13
28	20.09	20	24.58	10	22.54	June 7	18.13
Nov. 7	19.50	27	22.70	15	23.50	14	18.22
14	19.22	Dec. 7	20.84	20	24.56	21	18.38
21	19.38	13	20.25	25	24.74	27	18.69
27	18.89	21	19.40	31	25.60	28	18.82
Dec. 7	18.75	Jan. 7, 1963	19.71	Aug. 25	28.44	July 27	21.09
13	18.82	7	19.49	31	29.67	Aug. 30	25.55
21	18.47	14	19.62	5	30.75	Sept. 27	30.06
27	19.10	21	19.22	10	31.70	Oct. 25	31.77
Jan. 8, 1961	19.15	27	17.99	15	32.40	Nov. 28	23.65
13	19.26	Feb. 19	19.33	20	32.96	Dec. 28	20.10
21	19.25	25	19.76	25	33.33	Jan. 24, 1967	17.47
28	19.59	Mar. 7	20.01	30	33.72	Feb. 27	17.69
Feb. 6	20.44	14	19.64	Oct. 5	34.02	Mar. 30	16.27
Mar. 1	19.00	20	18.89	10	34.30	Apr. 25	15.20
6	17.25	27	17.60	15	34.55	May 22	15.58
14	16.10	Apr. 7	16.01	20	34.79	June 26	17.59
21	16.45	14	16.43	25	35.01	July 24	19.46
27	16.02	21	16.60	31	35.28	Aug. 29	22.66
Apr. 7	15.90	27	17.05	Nov. 5	35.48	Sept. 26	22.15
14	15.85	May 7	17.29	10	35.65	Oct. 24	24.33
21	15.40	14	17.60	15	35.81	Nov. 27	22.84
27	15.61	21	17.77	20	35.96	Dec. 27	19.62
May 7	15.67	28	17.80	25	36.10	Jan. 26, 1968	19.67
14	15.80	June 7	18.40	30	36.23	Feb. 26	19.76
21	16.17	14	19.00	5	36.36	Mar. 25	20.32
26	16.36	22	19.13	10	36.50	Apr. 23	18.99
June 6	16.33	27	19.72	15	36.62	May 20	18.80
13	16.79	July 8	20.44	20	36.74	June 24	17.88
21	17.52	14	21.00	25	36.84	July 23	18.96
27	18.15	21	21.58	31	36.95	Aug. 27	23.26
July 7	18.86	28	22.01	Jan. 21, 1965	36.85	Sept. 24	30.55
13	19.52	Aug. 6	22.76	26	36.27	Oct. 23	33.87
21	20.34	13	23.16	27	36.11	Nov. 25	35.95
28	21.45	21	24.01	5	33.12	Dec. 27	29.67
Aug. 7	23.02	28	25.36	12	30.52	Jan. 21, 1969	24.37
14	24.24	Sept. 7	27.09	19	27.40	Feb. 25	21.28
20	25.25	14	26.46	24	26.70	Mar. 28	20.39
27	26.23	19	27.08	Mar. 23	20.24	Apr. 21	17.59
Sept. 7	27.73	21	28.85	28	19.69	May 23	17.26
14	28.58	28	28.27	Apr. 7	17.86	June 23	18.62
20	29.99	Oct. 6	29.85	14	18.90	July 23	20.58
Oct. 7	30.38	15	31.59	21	18.50	Aug. 25	18.30
14	32.85	20	32.27	28	18.01	Sept. 22	20.37
15	33.35	25	32.79	May 7	17.98	Oct. 22	24.65
21	33.67	31	33.24	14	18.85	Nov. 25	26.04
28	33.90	Nov. 5	33.56	21	18.95	Dec. 19	23.25
Nov. 7	34.20	10	33.81	27	18.54	Jan. 26, 1970	20.69
13	34.37	15	33.89	June 7	18.66	Feb. 24	18.90
20	34.52	20	33.79	14	19.55	Mar. 23	19.17
27	34.56	25	33.49	21	20.00	Apr. 20	17.27
Dec. 6	34.37	30	32.79	28	20.75	May 18	18.32
13	33.79	Dec. 5	31.40	July 8	21.73	June 23	19.58
20	32.85	10	29.42	15	23.46	July 27	23.10
26	31.50	15	27.42	21	23.54	Aug. 20	26.06
Jan. 6, 1962	28.62	20	26.18	28	24.62	Sept. 23	32.25
14	27.05	25	25.18	Aug. 7	25.05	Oct. 23	34.54
20	26.97	31	24.14	14	25.92	Nov. 24	35.76
28	24.67	Jan. 5, 1964	23.39	21	26.70	Dec. 21	36.04
Feb. 6	23.42	10	22.90	28	27.48	Jan. 21, 1971	32.60
26	21.88	15	22.38	Sept. 7	29.05	Feb. 22	26.90
Mar. 7	21.64	20	21.85	14	30.39	Mar. 25	20.69
14	22.08	25	21.36	22	31.79	Apr. 23	16.47
20	20.89	31	20.42	27	32.55	May 21	16.72
28	19.59	Feb. 5	19.66	Oct. 7	33.45	June 21	18.00
Apr. 6	18.14	10	19.28	14	33.10	July 23	20.54
13	17.00	15	18.77	28	34.42	Aug. 26	23.45
21	16.72	20	18.35	Nov. 7	34.75	Sept. 24	22.48
26	16.71	25	18.45	14	34.95	Oct. 26	19.32
May 6	16.86	29	18.45	19	35.10	Nov. 23	18.97
14	17.61	Mar. 5	18.36	25	35.32	Dec. 29	17.07
21	17.55	10	17.73	Dec. 7	35.64	Jan. 24, 1972	17.10
27	18.26	15	17.14	14	35.76	Feb. 22	17.93
June 7	18.85	20	16.96	21	35.86	Mar. 24	16.88
14	19.42	25	16.74	28	35.96	Apr. 24	16.73
21	20.03	31	16.70	Jan. 7, 1966	35.91	May 24	16.16
27	20.71	Apr. 5	17.39	14	35.67	June 26	15.99
July 7	21.46	10	16.61	21	35.00	July 24	16.27
14	21.60	15	16.26	28	34.29	Aug. 21	19.08
21	22.85	20	16.18	Feb. 7	32.65	Sept. 22	22.81
27	23.95	25	15.82	14	31.27	Oct. 23	26.56
Aug. 7	26.51	30	16.21	21	29.86	Nov. 28	25.00
15	25.90	May 5	16.58	25	28.79	Dec. 22	18.76
21	26.54	10	17.70	Mar. 7	26.60		

e Estimated.

414910N0723721.1. Local number SW 64. Robert S. Starr, Jr. Main St., South Windsor. Dug unused water-table well in glacial sand of Pleistocene age, diam 24 in, depth 18 ft, lined with brick. Lsd about 40 ft above msl. MP top edge of hole in flagstone cover, 0.50 ft above lsd. Highest water level 7.15 below lsd, Mar. 30, 1936; lowest 15.22 below lsd, Jan. 26, 1966. Records available: 1934-39, 1948-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	11.72	Apr. 21, 1969	11.57	July 22, 1970	11.48	Oct. 21, 1971	12.40
Feb. 26	11.44	May 21	11.43	Aug. 24	12.21	Nov. 23	12.25
Mar. 25	10.69	June 23	11.80	Sept. 23	12.58	Dec. 28	11.26
Apr. 23	11.04	July 22	11.94	Oct. 23	12.73	Jan. 24, 1972	10.95
May 20	11.33	Aug. 25	11.98	Nov. 24	12.78	Feb. 23	11.21
June 24	11.40	Sept. 25	12.17	Dec. 23	12.73	Mar. 24	9.11
July 23	11.45	Oct. 22	12.41	Jan. 25, 1971	12.95	Apr. 21	9.67
Aug. 28	12.21	Nov. 24	11.77	Feb. 24	12.49	May 22	9.23
Sept. 24	12.63	Dec. 22	11.12	Mar. 29	10.50	June 21	9.20
Oct. 21	12.98	Jan. 22, 1970	11.22	Apr. 23	10.72	July 24	9.29
Nov. 25	12.90	Feb. 20	9.55	May 21	10.59	Aug. 22	10.40
Dec. 26	12.48	Mar. 23	10.22	June 22	11.57	Sept. 25	11.34
Jan. 23, 1969	12.66	Apr. 27	9.30	July 23	12.19	Oct. 25	11.92
Feb. 24	12.64	May 21	9.85	Aug. 26	12.47	Nov. 22	10.64
Mar. 31	12.25	June 22	10.63	Sept. 27	12.44	Dec. 20	9.25

Litchfield County

420125N0731930.1. Local number NOC 7. James Lyles. U.S. Rte. 7 and East Main St., North Canaan. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 24 in, depth 12 ft, lined with stone. Lsd about 675 ft above msl. MP top of concrete curb, at lsd. Highest water level 7.60 below lsd, Mar. 26, 1963; lowest 11.18 below lsd, Sept. 5, 1961. Records available: 1958-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	9.87	Apr. 21, 1969	9.39	July 22, 1970	10.10	Oct. 26, 1971	9.73
Feb. 26	9.79	May 23	9.68	Aug. 20	10.40	Nov. 23	9.97
Mar. 25	9.02	June 23	9.49	Sept. 23	10.23	Dec. 29	9.54
Apr. 23	9.74	July 23	9.92	Oct. 22	10.00	Jan. 24, 1972	9.58
May 20	9.82	Aug. 25	9.73	Nov. 24	9.58	Feb. 23	9.70
June 24	9.37	Sept. 22	10.07	Dec. 21	9.59	Mar. 24	9.13
July 23	9.96	Oct. 22	10.05	Jan. 21, 1971	9.59	Apr. 24	9.03
Aug. 29	10.20	Nov. 25	9.35	Feb. 22	9.29	May 24	9.47
Sept. 25	10.12	Dec. 19	9.49	Mar. 25	9.29	June 26	9.17
Oct. 30	10.47	Jan. 26, 1970	9.80	Apr. 21	9.44	July 24	9.83
Dec. 2	9.56	Feb. 23	9.40	May 20	9.40	Aug. 21	9.46
20	9.52	Mar. 23	9.52	June 22	9.98	Sept. 22	10.22
Jan. 24, 1969	9.70	Apr. 20	9.45	July 22	10.40	Oct. 23	9.38
Feb. 25	9.74	May 18	9.74	Aug. 26	9.65	Nov. 28	8.84
Mar. 28	8.70	June 19	9.90	Sept. 24	9.35	Dec. 20	8.80

414910N0730723.1. Local number T 2. Warrenton Woolen Co. 839 Main St., Torrington. Drilled unused artesian well in crystalline bedrock, diam 8 in, depth 381 ft, cased to 34. Lsd about 650 ft above msl. MP top of casing, at lsd. Highest water level 5.02 below lsd, May 8, 1972; lowest 8.60 below lsd, Sept. 28, 1964. Records available: 1958-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	6.37	Oct. 28, 1968	7.62	Aug. 25, 1969	6.64	June 29, 1970	6.95
8	5.99	Nov. 4	7.64	Sept. 2	6.94	Aug. 10	7.55
15	6.66	11	6.57	8	7.12	17	7.69
22	6.64	19	6.45	15	6.98	24	7.34
29	6.70	25	6.16	22	7.12	31	7.74
Feb. 5	6.05	Dec. 2	6.12	29	7.10	Sept. 8	7.89
12	6.31	9	5.94	16	6.99	14	7.84
19	6.59	16	6.19	Oct. 13	7.02	21	7.04
26	6.77	23	6.34	20	7.14	28	7.10
Mar. 4	6.70	30	6.43	27	7.09	Oct. 5	6.95
11	6.38	Jan. 6, 1969	6.63	Nov. 3	7.09	12	7.15
18	5.28	13	6.79	10	5.68	19	7.02
25	5.50	20	6.72	17	5.89	26	6.77
Apr. 1	5.89	27	6.33	24	5.84	Nov. 1	6.95
8	6.18	Feb. 3	6.36	1	6.15	9	6.95
15	6.40	11	6.56	8	6.34	16	6.32
22	6.50	17	6.67	15	5.94	23	6.25
29	6.08	24	6.57	22	6.28	30	6.43
May 6	6.42	Mar. 3	6.58	29	6.20	Dec. 7	6.35
13	6.32	10	6.62	Jan. 5, 1970	6.44	14	6.48
20	6.42	17	6.34	12	6.62	22	6.37
27	6.47	24	5.52	18	6.75	28	6.58
June 3	5.90	30	5.57	Feb. 2	6.68	Jan. 4, 1971	6.70
10	6.36	Apr. 7	5.59	9	6.09	11	6.47
17	6.37	14	5.99	16	5.97	18	6.66
24	6.49	21	6.07	23	6.19	25	6.80
July 1	5.82	28	5.64	Mar. 2	6.35	Feb. 1	6.70
8	6.40	May 5	6.11	9	6.22	8	6.82
15	6.58	12	6.14	16	6.23	15	6.10
22	6.72	19	6.41	23	5.88	22	6.08
29	6.90	26	6.34	30	5.85	Mar. 1	5.52
Aug. 5	7.10	June 2	6.42	Apr. 6	5.40	8	5.60
12	7.21	9	6.62	13	5.93	15	5.88
19	7.38	16	5.63	20	6.25	22	5.60
26	7.58	23	6.29	27	6.22	27	5.73
Sept. 2	7.92	30	6.57	4	6.45	Apr. 5	5.77
9	7.92	July 7	6.78	May 11	6.59	12	5.66
16	7.23	14	6.64	18	6.57	19	6.12
23	7.50	21	6.62	25	6.28	26	6.32
30	7.91	28	6.79	June 1	6.54	May 3	6.38
Oct. 7	8.10	Aug. 4	6.16	8	6.18	10	5.98
14	7.90	11	5.80	15	6.58	17	5.80
21	7.67	18	6.34	22	6.78	24	6.26

414910N0730723.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 31, 1971	6.50	Oct. 25, 1971	6.52	Mar. 27, 1972	5.60	Aug. 14, 1972	6.60
June 7	6.68	Nov. 1	6.60	Apr. 3	5.84	21	6.62
14	6.86	8	6.50	10	6.04	28	6.54
21	7.04	15	6.58	18	5.88	Sept. 5	6.84
28	7.09	22	6.58	24	5.54	11	6.69
July 7	7.16	Dec. 5	6.20	May 1	5.98	18	6.78
12	6.70	13	5.80	8	5.02	25	6.70
19	6.72	20	6.05	15	6.00	Oct. 2	6.78
26	6.77	27	6.22	22	5.94	9	6.12
Aug. 2	6.68	Jan. 3, 1972	6.08	29	6.29	16	6.56
9	6.65	17	5.95	June 5	5.85	23	6.67
16	6.85	25	6.13	12	5.90	30	6.75
30	6.37	31	6.28	19	6.22	Nov. 7	6.53
Sept. 7	6.71	Feb. 7	6.20	26	5.56	13	6.20
13	6.49	14	5.95	July 3	5.60	20	5.78
20	6.29	21	6.27	10	5.96	27	5.60
27	6.48	29	6.23	17	6.27	Dec. 4	5.75
Oct. 4	6.62	Mar. 6	5.99	24	6.48	11	5.46
11	6.16	13	5.98	31	6.64	18	5.92
18	6.47	20	5.51	Aug. 7	6.51	25	5.85

413202N0731224.1. Local number WY 1. Irene Thulin. Formerly George H. Wadsworth. Main St., about 500 ft south of Orenaug Rd., Woodbury. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 30 in, depth 31 ft (previously reported 34 ft), lined with stone. Lsd about 270 ft above msl. MP top of hole in cover, 2.62 ft above lsd. Highest water level 19.44 below lsd, Apr. 1, 1953; lowest 31.00 below lsd, Oct. 10, 1914. Records available: 1913-16, 1944-72. (1956-67 records not previously published.) Recording gage installed Oct. 5, 1965; removed May 18, 1970.

Jan. 30, 1956	23.70	June 27, 1958	22.04	Nov. 29, 1960	28.88	May 27, 1963	24.23
Feb. 27	24.16	Aug. 1	24.46	Jan. 3, 1961	27.92	June 27	26.48
Mar. 30	22.90	28	27.45	31	27.01	July 29	27.62
Apr. 27	21.38	Sept. 29	29.07	Feb. 27	25.28	Aug. 26	28.59
May 28	21.95	Oct. 30	26.93	Mar. 29	20.52	Sept. 25	29.22
June 27	23.40	Dec. 1	24.57	Apr. 27	20.54	Oct. 28	29.28
July 30	26.56	29	23.12	May 31	21.17	Nov. 26	29.08
Aug. 30	29.39	Jan. 29, 1959	24.20	June 29	22.28	Dec. 26	27.63
Sept. 26	29.20	Feb. 26	24.71	Aug. 1	25.00	Jan. 29, 1964	25.51
Oct. 29	29.26	Mar. 30	24.10	30	28.80	Feb. 25	22.62
Nov. 30	29.10	May 1	21.73	Sept. 28	29.23	Mar. 30	22.11
Dec. 31	27.82	28	22.26	Oct. 27	29.31	Apr. 27	21.43
Jan. 31, 1957	27.00	June 29	24.09	Dec. 3	28.73	May 27	22.28
Mar. 1	26.41	July 30	27.26	29	29.09	June 25	24.48
30	25.90	Aug. 31	29.13	Jan. 27, 1962	27.80	July 27	28.25
Apr. 29	21.81	Sept. 29	29.34	Feb. 24	27.74	Aug. 25	30.10
June 27	23.10	Oct. 29	28.72	Mar. 31	23.09	Sept. 28	29.36
27	25.43	Nov. 30	27.44	Apr. 26	21.48	Oct. 26	29.33
July 30	28.88	Dec. 29	22.60	May 26	22.39	Nov. 24	29.34
Aug. 30	29.34	Jan. 28, 1960	21.85	June 28	24.94	Dec. 28	29.21
Sept. 26	29.48	Feb. 29	21.20	July 30	29.34	Jan. 26, 1965	29.14
Oct. 30	29.34	Mar. 30	21.94	Sept. 27	29.38	Feb. 25	28.78
Nov. 29	29.23	Apr. 28	21.30	Oct. 30	29.32	Mar. 29	24.89
Dec. 30	27.02	May 31	22.38	Nov. 29	29.24	Apr. 28	23.61
Jan. 30, 1958	22.42	June 29	24.30	Dec. 26	29.07	May 26	23.59
Feb. 26	21.25	Aug. 1	27.73	Jan. 3, 1963	28.64	June 29	25.77
Mar. 31	20.82	Feb. 28	29.13	Feb. 28	27.72	July 27	27.94
Apr. 29	20.50	Sept. 27	28.08	Mar. 26	24.64	Aug. 30	29.22
May 29	21.03	Oct. 28	29.10	Apr. 26	22.70	Sept. 28	29.21

Average water level for the day, from recorder graph, 1965

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.19	29.19	29.21
10	29.15	29.20	29.18
15	29.14	29.20	29.19
20	29.15	29.20	29.16
25	29.16	29.20	29.15
Eom	29.19	29.20	29.15

1966

5	29.15	29.15	27.54	25.76	24.91	25.09	26.00	28.19	29.26	29.15	29.01	27.16
10	29.14	29.16	27.45	e25.44	25.04	25.08	26.32	.....	29.28	29.16	28.66	26.95
15	29.14	28.87	27.43	e25.24	25.11	25.15	26.70	.....	29.29	29.17	28.31	26.84
20	29.15	28.71	27.20	e25.05	25.17	25.30	27.03	29.16	29.17	29.17	27.96	26.75
25	29.15	28.98	26.88	e24.87	25.15	25.49	27.46	29.17	29.09	28.80	27.65	26.70
Eom	29.16	29.03	26.18	24.85	25.13	25.71	27.94	29.21	29.15	29.03	27.33	26.74

1967

5	26.55	24.73	23.91	21.14	21.00	21.49	22.70	25.73	28.99	29.18	29.14	29.13
10	26.39	24.44	23.52	21.00	21.08	21.65	23.01	26.32	29.19	29.19	29.15	29.08
15	26.07	24.17	22.90	21.02	21.04	21.80	23.40	26.87	29.23	29.20	29.16	28.78
20	25.82	24.02	22.43	20.95	21.14	21.98	23.86	27.47	29.24	29.21	29.17	28.23
25	25.52	.....	22.24	20.84	21.16	22.19	24.36	28.00	29.26	29.13	.....	28.08
Eom	25.16	23.84	21.25	20.87	21.37	22.42	25.07	26.56	29.29	29.11	29.16	27.82

1968

5	27.60	26.22	24.28	21.49	21.73	21.09	21.06	22.27	24.66	.....	.....	.....
10	27.41	25.63	24.25	21.42	21.83	21.03	21.23	22.54	25.29	.....	.....	.....
15	27.14	25.22	23.98	21.45	21.85	21.04	21.39	22.82	25.63	.....	.....	.....
20	26.97	24.81	22.83	21.59	21.96	21.13	21.51	23.18	26.30	.....	.....	.....
25	26.78	24.56	22.29	21.61	22.07	21.24	21.82	.....	.....	.....	.....	.....
Eom	.....	24.85	21.63	21.62	21.44	21.04	22.06	24.01	.....	.....	.....	.....

e Estimated.

413202N0731224.1--Continued.

Date	Water level
Sept. 24, 1968	26.71
Oct. 23	29.22
Nov. 25	29.05
Dec. 27	27.00
Jan. 21, 1969	25.71
Feb. 25	25.03
Mar. 28	23.35
Apr. 21	21.40
May 23	20.91
June 23	21.86
July 23	23.66
Aug. 25	24.75
Sept. 22	26.00

Date	Water level
Oct. 22, 1969	27.96
Nov. 25	26.67
Dec. 19	24.05
Jan. 26, 1970	25.43
Feb. 24	20.82
Mar. 23	21.41
Apr. 20	20.53
May 18	21.67
June 23	23.03
July 27	25.82
Aug. 20	28.35
Sept. 23	29.16
Oct. 23	29.17

Date	Water level
Nov. 24, 1970	29.05
Dec. 21	29.09
Jan. 21, 1971	28.05
Feb. 23	26.31
Mar. 25	20.65
Apr. 23	21.05
May 21	21.42
June 22	23.21
July 23	24.43
Aug. 26	28.56
Sept. 24	26.56
Oct. 26	25.75
Nov. 23	26.08

Date	Water level
Dec. 29, 1971	22.45
Jan. 24, 1972	21.84
Feb. 22	22.05
Mar. 24	20.08
Apr. 24	20.82
May 24	21.08
June 26	20.18
July 24	21.23
Aug. 21	22.73
Sept. 22	26.08
Oct. 23	29.16
Nov. 27	26.54
Dec. 22	20.98

Middlesex County

413033N0724320.1. Local number MF 1. Lyman Gun Sight Corp. Near Baileyville, Middlefield. Dug unused water-table well in glacial till of Pleistocene age, diam 24 in, depth 22 ft, lined with stone. Lsd about 260 ft above ms1. MP top of north side of flagstone curb, at lsd. Highest water level 3.12 below lsd, Apr. 3, 1951, June 26, 1972; lowest 16.92 below lsd, Nov. 24, 1964. Records available: 1946-72. (1956-67 records not previously published.)

Jan. 31, 1956	8.28
Feb. 27	6.40
Mar. 29	4.69
Apr. 27	6.80
May 28	7.64
June 27	8.83
July 31	10.02
Aug. 31	11.81
Sept. 26	12.63
Oct. 29	12.00
Nov. 30	10.60
Dec. 31	5.80
Jan. 31, 1957	6.00
Mar. 2	5.65
Apr. 29	7.14
June 1	8.79
July 1	10.76
Aug. 1	12.57
30	14.09
Sept. 26	14.87
Oct. 30	14.95
Nov. 29	12.14
Jan. 2, 1958	4.19
30	3.60
Feb. 28	6.80
Mar. 31	4.85
Apr. 29	5.22
May 29	7.35
June 30	9.87
July 1	9.99
Aug. 4	11.07
28	11.05
Sept. 29	11.67
Oct. 30	4.47
Dec. 1	4.51
29	8.07
Jan. 29, 1959	8.78
Feb. 26	9.22
Mar. 30	5.51
May 1	6.87
June 29	8.04
July 29	9.04
Aug. 31	11.10
Sept. 29	12.45
Oct. 30	12.31
Nov. 30	4.93
Dec. 29	5.82
Jan. 26, 1960	7.52
Feb. 29	4.36
Mar. 30	5.80

Apr. 28, 1960	7.18
May 31	8.69
June 29	9.82
Aug. 1	10.98
30	11.15
Sept. 27	6.82
Oct. 28	7.42
Nov. 29	7.22
Jan. 3, 1961	5.25
31	6.05
Feb. 27	3.45
Mar. 29	5.86
Apr. 27	4.10
May 31	5.62
June 29	7.56
Aug. 1	9.14
30	10.13
Sept. 28	10.14
Oct. 27	9.54
Dec. 1	9.63
29	8.99
Jan. 27, 1962	6.68
Feb. 24	8.69
Mar. 31	7.02
Apr. 26	7.25
May 26	8.22
June 28	9.01
July 31	10.86
Aug. 29	12.73
Sept. 26	14.44
Oct. 30	13.02
Nov. 27	12.35
Dec. 26	9.36
Jan. 28, 1963	9.20
Feb. 28	9.80
Mar. 25	8.82
Apr. 26	9.28
May 27	8.48
June 27	10.40
July 29	11.86
Aug. 26	13.00
Sept. 25	14.32
Oct. 28	14.42
Nov. 26	12.18
Dec. 26	7.66
Jan. 28, 1964	3.73
Feb. 25	7.40
Mar. 31	6.92
Apr. 28	6.13
May 28	8.80
June 25	11.06

July 27, 1964	12.68
Aug. 25	13.95
Sept. 28	15.64
Oct. 26	16.44
Nov. 24	16.92
Dec. 28	14.80
Jan. 26, 1965	10.40
Feb. 25	6.25
Mar. 29	7.05
Apr. 28	7.06
May 26	9.24
June 28	11.54
July 27	13.05
Aug. 30	14.59
Sept. 28	15.52
Oct. 27	15.61
Nov. 24	15.87
Dec. 27	15.00
Jan. 26, 1966	13.35
Feb. 23	9.69
Mar. 29	6.61
Apr. 26	9.69
May 24	9.67
June 27	11.26
July 27	12.79
Aug. 29	14.34
Sept. 27	15.32
Oct. 27	16.32
Nov. 28	13.47
Dec. 27	12.84
Jan. 24, 1967	7.82
Feb. 27	7.35
Mar. 30	3.73
Apr. 27	5.54
May 23	7.27
June 28	9.97
July 26	11.23
Aug. 30	12.64
Sept. 27	13.88
Oct. 25	14.38
Nov. 27	13.40
Dec. 27	7.10
Jan. 29, 1968	7.73
Feb. 27	9.17
Mar. 27	4.09
Apr. 25	7.62
May 22	7.62
June 26	8.00
July 25	9.87
Aug. 28	13.45
Sept. 23	13.67

Oct. 22, 1968	14.56
Nov. 25	13.41
Dec. 26	6.21
Jan. 23, 1969	8.61
Feb. 24	9.43
Mar. 21	7.10
Apr. 21	6.33
May 21	7.16
June 23	10.11
July 22	12.01
Aug. 26	12.55
Sept. 25	11.13
Oct. 22	11.43
Nov. 24	5.28
Dec. 22	5.99
Jan. 22, 1970	7.74
Feb. 20	5.51
Mar. 23	7.41
Apr. 27	7.28
May 21	4.41
June 22	8.83
July 22	11.15
Aug. 24	13.12
Sept. 29	14.65
Oct. 27	14.70
Nov. 23	14.22
Dec. 29	12.00
Jan. 26, 1971	10.73
Feb. 22	5.54
Mar. 24	4.83
Apr. 27	8.32
May 24	5.98
June 24	9.84
July 26	12.23
Aug. 24	13.18
Sept. 23	7.36
Oct. 21	7.67
Nov. 23	7.49
Dec. 27	6.78
Jan. 24, 1972	6.57
Feb. 23	7.80
Mar. 27	4.26
Apr. 21	6.53
May 22	5.14
June 26	3.12
July 24	7.85
Aug. 23	10.35
Sept. 26	12.38
Oct. 26	13.04
Nov. 27	3.70
Dec. 21	5.50

413254N0723355.1. Local number MT 261. United Aircraft Corp. Middletown. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 36 in, depth 28 ft, lined with stone. Lsd about 145 ft above ms1. MP top of stone cover, at lsd. Highest water level 10.46 below lsd, May 21, 1970; lowest dry, Dec. 2, 1957. Records available: 1956-72.

Jan. 29, 1968	19.45
Feb. 27	19.60
Mar. 27	19.26
Apr. 25	19.64
May 22	19.49
June 26	19.76
July 25	20.57
Aug. 28	23.05
Sept. 23	23.65
Oct. 22	25.34

Nov. 25, 1968	25.66
Dec. 26	20.05
Jan. 23, 1969	19.96
Feb. 24	20.49
Mar. 21	20.48
Apr. 21	18.75
May 21	19.10
June 23	19.12
July 22	20.58
Aug. 26	21.74

Sept. 25, 1969	21.78
Oct. 22	22.07
Nov. 24	19.33
Dec. 22	19.05
Jan. 22, 1970	19.55
Feb. 20	19.13
Mar. 23	19.69
Apr. 27	19.15
May 21	20.46
June 22	20.16

July 22, 1970	21.18
Aug. 24	22.25
Sept. 30	23.89
Oct. 30	25.22
Nov. 24	25.64
Dec. 29	24.69
Jan. 26, 1971	21.91
Feb. 26	20.36
Mar. 24	18.86
Apr. 27	19.50

413254N0723355.1--Continued.

Date	Water level
May 24, 1971	19.17
June 24	20.49
July 26	21.70
Aug. 25	22.50
Sept. 23	20.65

Date	Water level
Oct. 21, 1971	19.94
Nov. 23	19.93
Dec. 27	19.45
Jan. 24, 1972	19.48
Feb. 24	19.50

Date	Water level
Mar. 28, 1972	18.10
Apr. 25	19.08
May 22	19.10
June 26	17.86
July 25	20.24

Date	Water level
Aug. 23, 1972	21.28
Sept. 26	23.33
Oct. 26	24.00
Nov. 27	19.26
Dec. 21	18.51

New Haven County

411457N0725245.1 (revised). Local number EHV 70. H. A. Doolittle. Silver Sands Rd., East Haven. Dug unused water-table well in glacial till of Pleistocene age (previously reported glacial sand and gravel), diam 24 in (previously reported 36 in), depth 16 ft, cased with cement tile (previously reported lined with stone). Lsd about 25 ft (previously reported 30 ft) above msl. MF top of concrete curb, 2.10 ft above lsd. Highest water level 6.44 below lsd, June 21, 1972; lowest 15.03 below lsd, Nov. 22, 1935. Records available: 1935-39, 1951-72. (1956-67 records not previously published.)

Jan. 30, 1956	10.72
Feb. 27	8.96
Mar. 29	8.79
Apr. 27	9.74
May 28	10.57
June 27	11.61
July 27	11.62
Aug. 30	13.31
Sept. 27	13.86
Oct. 29	12.54
Nov. 30	11.14
Dec. 29	9.30
Jan. 31, 1957	10.63
Mar. 1	10.34
29	10.08
Apr. 29	9.91
June 3	11.51
27	12.75
July 30	14.25
Aug. 30	15.20
Sept. 26	15.75
Oct. 30	14.10
Nov. 29	12.82
Dec. 30	8.90
Jan. 30, 1958	7.36
Feb. 28	9.57
Mar. 31	8.69
Apr. 29	8.81
May 29	9.68
June 27	10.98
Aug. 1	12.51
28	13.15
Sept. 29	13.65
Oct. 30	10.40
Dec. 1	10.89
29	10.96
Jan. 28, 1959	11.24
Feb. 26	11.45
Mar. 30	9.60
May 1	9.97
28	11.12
June 29	11.73
July 30	11.79
Aug. 31	12.45
Sept. 29	13.67
Oct. 29	12.16
Nov. 30	10.64
Dec. 29	10.01
Jan. 28, 1960	10.27
Feb. 29	8.65
Mar. 30	10.03
Apr. 28	10.01

May 31, 1960	11.36
June 29	12.44
Aug. 1	12.77
30	13.57
Sept. 27	11.30
Oct. 28	11.68
Nov. 29	11.55
Dec. 29	10.89
Jan. 30, 1961	11.18
Feb. 27	8.35
Mar. 29	8.86
Apr. 27	8.52
May 31	8.91
June 29	10.68
Aug. 1	12.06
30	12.79
Sept. 28	12.88
Oct. 27	13.03
Dec. 1	12.30
27	10.98
Jan. 29, 1962	9.78
Feb. 28	9.97
Mar. 30	9.35
Apr. 25	9.57
May 31	11.46
June 28	12.43
July 30	13.72
Aug. 29	14.59
Sept. 27	15.16
Oct. 31	13.85
Nov. 27	11.55
Dec. 27	11.55
Jan. 28, 1963	11.36
Feb. 25	11.48
Mar. 25	10.83
Apr. 30	11.44
May 28	11.72
June 28	12.18
July 30	13.03
Aug. 28	14.15
Sept. 26	15.21
Oct. 30	15.72
Nov. 27	12.13
Dec. 27	11.07
Jan. 30, 1964	8.84
Feb. 25	9.79
Mar. 16	9.06
30	9.78
Apr. 27	8.63
May 27	10.73
June 25	12.18

July 27, 1964	13.31
Aug. 25	14.33
Sept. 28	15.50
Oct. 26	15.72
Nov. 24	15.88
Dec. 28	13.14
Jan. 26, 1965	11.44
Feb. 25	9.11
Mar. 29	9.87
Apr. 28	9.78
May 26	10.30
June 29	12.04
July 27	13.31
Aug. 30	14.59
Sept. 28	15.42
Oct. 27	15.65
Nov. 23	15.76
Dec. 28	15.19
Jan. 27, 1966	14.10
Feb. 23	11.30
Mar. 29	10.14
Apr. 26	11.17
May 25	10.85
June 27	11.94
July 27	13.41
Aug. 29	14.80
Sept. 28	14.76
Oct. 26	13.27
Nov. 28	12.29
Dec. 27	12.08
Jan. 24, 1967	10.94
Feb. 27	10.54
Mar. 30	8.26
Apr. 27	9.08
May 23	9.18
June 28	10.67
July 26	11.68
Aug. 30	12.61
Sept. 25	13.66
Oct. 25	14.11
Nov. 27	13.25
Dec. 27	10.66
Jan. 29, 1968	10.15
Feb. 27	10.32
Mar. 27	8.58
Apr. 25	10.30
May 22	11.08
June 26	10.50
July 25	11.87
Aug. 28	13.10
Sept. 23	13.77

Oct. 22, 1968	14.58
Nov. 25	11.79
Dec. 23	9.39
Jan. 22, 1969	10.29
Feb. 20	10.76
Mar. 21	10.76
Apr. 21	8.95
May 22	9.88
June 23	11.49
July 23	12.90
Aug. 25	12.78
Sept. 22	12.44
Oct. 21	12.80
Nov. 24	10.39
Dec. 23	9.16
Jan. 21, 1970	9.90
Feb. 25	9.15
Mar. 23	10.10
Apr. 22	9.19
May 22	10.32
June 22	10.73
July 22	12.30
Aug. 21	13.41
Sept. 21	14.39
Oct. 27	15.03
Nov. 23	13.62
Dec. 28	11.59
Jan. 26, 1971	11.14
Feb. 23	10.31
Mar. 23	8.69
Apr. 27	11.17
May 24	10.50
June 24	11.79
July 26	12.94
Aug. 24	12.95
Sept. 23	12.13
Oct. 21	11.67
Nov. 23	12.22
Dec. 27	10.48
Jan. 24, 1972	10.15
Feb. 23	9.55
Mar. 24	10.07
Apr. 21	9.56
May 22	9.00
June 21	6.44
July 24	10.05
Aug. 22	12.09
Sept. 25	13.63
Oct. 25	12.72
Nov. 22	9.05
Dec. 20	9.49

411842N0725536.1. Local number NHN 170. Yale University. Grove and College Sts., New Haven. Driven unused water-table well in glacial sand of Pleistocene age, diam 2 in, depth 14 ft, cased. Lsd 41.09 ft above msl. MF top of casing, 23.39 ft above msl. Highest water level 19.31 above msl, July 24, 1973; lowest 15.64 above msl, Jan. 14, 1942. Records available: 1939-72. (1956-67 records not previously published.)

Jan. 30, 1956	+17.86
Feb. 27	17.76
Mar. 29	17.92
Apr. 27	18.31
May 28	18.30
June 27	18.03
July 27	17.77
Aug. 30	17.39
Sept. 27	17.18
Oct. 29	17.00
Nov. 30	16.85
Dec. 29	16.96
Jan. 31, 1957	17.22
Mar. 1	17.15
29	17.06

Apr. 29, 1957	+17.47
June 3	17.43
27	17.18
July 30	16.84
Aug. 30	16.59
Sept. 26	16.36
Oct. 30	16.16
Nov. 29	16.02
Dec. 30	16.22
Jan. 30, 1958	16.82
Feb. 28	17.42
Mar. 31	17.69
Apr. 29	18.07
May 29	18.41
June 27	18.28

Aug. 1, 1958	+17.81
28	17.52
Sept. 29	17.21
Oct. 30	17.07
Dec. 1	17.30
29	17.19
Jan. 29, 1959	17.17
Feb. 26	17.14
Mar. 30	17.20
May 1	17.70
28	17.63
June 29	17.33
July 29	17.10
Aug. 31	16.86
Sept. 29	16.74

Oct. 29, 1959	+16.68
Nov. 30	16.70
Dec. 29	17.02
Jan. 28, 1960	17.29
Feb. 29	17.39
Mar. 30	17.60
Apr. 28	17.94
May 31	17.84
June 29	17.51
July 29	17.19
Aug. 1	16.97
30	16.97
Sept. 30	17.03
Oct. 28	16.97
Nov. 29	16.99
Jan. 30, 1961	16.92

411842N0725536.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 27, 1961	+17.04	Jan. 30, 1964	+17.27	Dec. 27, 1966	+15.86	Mar. 23, 1970	+18.04
Mar. 29	17.47	Feb. 25	17.69	Jan. 24, 1967	15.90	Apr. 22	18.44
Apr. 27	17.79	Mar. 30	17.96	Feb. 27	15.91	May 22	18.40
May 31	18.23	Apr. 27	18.22	Mar. 30	16.79	June 22	18.13
June 29	18.32	May 27	18.46	Apr. 27	17.06	July 22	17.87
Aug. 1	18.16	June 25	18.14	May 23	17.51	Aug. 21	17.68
Sept. 28	17.89	July 27	17.80	June 28	17.54	Sept. 21	17.35
Oct. 27	17.50	Aug. 25	17.43	July 26	17.53	Oct. 27	17.18
Oct. 27	17.15	Sept. 28	17.22	Aug. 30	17.33	Nov. 23	17.10
Dec. 1	16.75	Oct. 26	17.03	Sept. 25	17.10	Dec. 28	16.94
27	16.56	Nov. 24	16.80	Oct. 25	16.89	Jan. 26, 1971	18.89
Jan. 29, 1962	16.60	Dec. 28	16.60	Nov. 27	16.66	Feb. 22	17.10
Feb. 28	16.64	Jan. 26, 1965	16.51	Jan. 29, 1968	16.36	Mar. 23	17.41
Mar. 30	16.84	Feb. 25	16.86	Feb. 27	16.57	Apr. 27	17.77
Apr. 27	16.93	Mar. 29	17.12	Apr. 4	16.76	May 24	17.76
May 31	16.84	Apr. 28	17.11	June 26	16.81	June 23	17.56
June 28	16.63	May 26	17.07	July 25	16.82	July 26	17.42
July 30	16.38	June 29	16.96	Oct. 22	16.46	Aug. 24	17.39
Aug. 29	16.22	July 27	16.84	Nov. 25	16.44	Sept. 23	17.62
Sept. 27	16.25	Aug. 30	16.64	Dec. 23	16.71	Oct. 21	17.59
Oct. 31	16.38	Sept. 28	16.46	Jan. 22, 1969	16.98	Nov. 23	17.41
Nov. 27	16.41	Oct. 27	17.34	Feb. 20	16.94	Dec. 27	17.51
Dec. 27	16.45	Nov. 23	16.23	Mar. 21	16.87	Jan. 24, 1972	17.59
Jan. 28, 1963	16.61	Dec. 28	16.10	Apr. 21	16.95	Feb. 23	17.62
Feb. 25	16.82	Jan. 27, 1966	16.01	May 22	17.41	Mar. 24	17.87
Mar. 25	17.76	Feb. 23	16.04	June 23	17.36	Apr. 21	18.25
Apr. 30	17.15	Mar. 29	16.30	July 23	17.12	May 22	18.21
May 28	17.22	Apr. 26	16.49	Aug. 28	17.05	June 23	18.63
June 28	17.16	May 25	16.55	Sept. 22	16.94	July 24	19.31
July 30	17.09	June 27	16.40	Oct. 21	16.56	Aug. 22	18.85
Aug. 28	16.94	July 27	16.27	Nov. 24	16.61	Sept. 25	18.35
Sept. 26	16.79	Aug. 29	16.07	Dec. 23	17.13	Oct. 25	18.04
Oct. 30	16.67	Sept. 28	15.81	Jan. 21, 1970	17.59	Nov. 22	17.83
Nov. 27	16.84	Oct. 26	15.91	Feb. 25	18.00	Dec. 20	17.99
Dec. 27	17.03	Nov. 28	15.89				

411838N0725710.1. Local number NHN 175. Monarch Laundry. Derby Ave. and Ellsworth St., New Haven. Drilled unused water-table well in glacial sand of Pleistocene age, diam 6 in, depth 54 ft, casing information not available. Lsd 32.84 ft above ms1. MP top of shelf, 33.84 ft above ms1. Highest water level 5.42 above ms1, May 28, 1953; lowest 2.27 above ms1, Dec. 17, 1941. Records available: 1939-72. (1956-67 records not previously published.)

Jan. 30, 1956	+4.35	Mar. 30, 1960	+3.79	May 27, 1964	+3.85	Dec. 23, 1968	+3.47
Feb. 27	4.30	Apr. 28	3.91	June 25	3.88	Jan. 22, 1969	3.48
Mar. 29	4.30	May 31	4.01	July 27	3.87	Feb. 20	3.49
Apr. 27	4.50	June 29	3.99	Aug. 25	3.84	Mar. 21	3.52
May 28	4.49	Aug. 1	3.81	Sept. 28	3.74	Apr. 21	3.53
June 27	4.31	Sept. 30	3.66	Oct. 26	3.64	May 22	3.65
July 27	4.19	Sept. 27	3.65	Nov. 24	3.52	June 23	3.82
Aug. 30	3.89	Oct. 28	3.65	Dec. 28	3.31	July 31	3.88
Sept. 27	3.71	Nov. 29	3.69	Jan. 26, 1965	3.16	Aug. 28	3.94
Oct. 29	3.57	Dec. 29	3.66	Feb. 25	3.12	Sept. 22	3.96
Nov. 30	3.44	Jan. 30, 1961	3.64	Mar. 29	3.15	Oct. 21	3.96
Dec. 29	3.44	Feb. 27	3.98	Apr. 28	3.19	Nov. 24	3.95
Jan. 31, 1957	3.50	Mar. 29	4.00	May 26	3.23	Dec. 23	3.90
Mar. 1	3.60	Apr. 27	4.24	June 29	3.24	Jan. 21, 1970	3.94
Apr. 29	3.64	May 31	4.51	July 27	3.23	Feb. 25	3.97
May 29	3.76	June 29	4.58	Aug. 30	3.18	Mar. 23	4.02
June 3	3.81	Aug. 1	4.52	Sept. 28	3.14	Apr. 22	4.14
July 27	3.63	Sept. 30	4.43	Oct. 27	3.07	May 22	4.27
Aug. 30	3.33	Sept. 28	4.32	Nov. 23	3.02	June 22	4.37
Sept. 26	3.12	Oct. 27	4.18	Dec. 28	2.95	July 22	4.36
Oct. 30	2.91	Dec. 1	3.77	Jan. 27, 1966	2.88	Aug. 21	4.35
Nov. 29	2.86	Jan. 27	3.60	Feb. 23	2.82	Sept. 21	4.30
Nov. 29	2.75	Jan. 29, 1962	3.52	Mar. 29	2.79	Oct. 27	4.25
Dec. 30	2.81	Feb. 28	3.49	Apr. 26	2.81	Nov. 23	4.11
Jan. 30, 1958	3.47	Mar. 30	3.53	May 25	2.80	Dec. 26	3.71
Feb. 28	3.83	Apr. 27	3.58	June 27	2.81	Jan. 26, 1971	3.71
Mar. 31	4.02	May 31	3.62	July 27	2.79	Feb. 22	3.54
Apr. 29	4.19	June 28	3.60	Aug. 29	2.75	Mar. 23	3.64
May 29	4.38	July 30	3.60	Sept. 28	2.71	Apr. 27	3.69
June 27	4.41	Aug. 29	3.54	Oct. 26	2.69	May 24	3.68
Aug. 1	4.17	Sept. 27	3.44	Nov. 28	2.69	June 24	3.77
28	3.93	Oct. 31	3.36	Dec. 27	2.66	July 26	3.80
Sept. 29	3.67	Nov. 27	3.30	Jan. 24, 1967	2.64	Aug. 24	3.84
Oct. 30	3.64	Dec. 27	3.25	Feb. 27	2.67	Sept. 23	4.56
Dec. 1	3.71	Jan. 28, 1963	3.21	Mar. 30	2.85	Oct. 21	3.89
29	3.70	Feb. 25	3.21	Apr. 27	2.96	Nov. 23	3.84
Jan. 29, 1959	3.68	Mar. 25	3.35	May 23	3.49	Dec. 27	3.95
Feb. 26	3.67	Apr. 30	3.49	June 28	3.54	Jan. 24, 1972	4.15
Mar. 30	3.69	May 28	3.48	July 26	3.74	Feb. 23	4.10
May 1	3.83	June 28	3.47	Aug. 30	3.38	Mar. 24	4.10
28	3.87	July 30	3.44	Sept. 25	3.65	Apr. 21	4.14
June 29	3.86	Aug. 28	3.40	Oct. 25	3.59	May 22	4.27
July 30	3.86	Sept. 26	3.36	Nov. 27	3.51	June 23	4.11
Aug. 31	3.80	Oct. 30	3.25	Jan. 29, 1968	3.37	July 24	5.29
Sept. 29	3.55	Nov. 27	3.22	Feb. 27	3.36	Aug. 22	5.35
Oct. 29	3.48	Dec. 27	3.21	Apr. 4	3.36	Sept. 25	5.32
Nov. 30	3.48	Jan. 30, 1964	3.21	June 26	3.44	Oct. 25	5.26
Dec. 29	3.49	Feb. 25	3.26	July 25	3.53	Nov. 22	5.20
Jan. 28, 1960	3.57	Mar. 30	3.42	Oct. 22	3.52	Dec. 20	5.14
Feb. 29	3.66	Apr. 27	3.71	Nov. 25	3.50		

411829N0725420.1. Local number NHN 179. Porto Construction Co. Grand Ave. and Haven St., New Haven. Driven unused water-table well in glacial sand of Pleistocene age, diam 3 in, depth 65 ft, cased. Lsd 13.76 ft above msl. MP top of casing, 14.36 ft above msl. Highest water level 1.01 below msl, July 24, 1972; lowest 7.57 below msl, July 26, 1971. Records available: 1960-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 28, 1960	5.29	May 28, 1963	6.53	July 27, 1966	4.50	Nov. 24, 1969	3.70
Feb. 29	5.24	June 28	6.56	Aug. 29	5.44	Dec. 23	2.59
Mar. 30	5.19	July 30	5.73	Sept. 28	5.66	Jan. 21, 1970	3.34
Apr. 28	4.91	Aug. 28	6.21	Oct. 26	5.89	Feb. 25	3.02
May 31	4.67	Sept. 26	6.20	Nov. 28	5.92	Mar. 23	3.62
June 29	5.10	Oct. 30	6.11	Dec. 27	6.13	Apr. 22	2.94
Aug. 1	4.18	Nov. 27	5.19	Jan. 24, 1967	6.19	May 22	3.16
30	4.54	Dec. 27	4.34	Feb. 27	6.31	June 22	3.37
Sept. 27	4.44	Jan. 30, 1964	4.56	Mar. 30	5.69	July 22	2.17
Oct. 28	5.00	Feb. 25	4.66	Apr. 27	5.66	Aug. 21	2.90
Nov. 29	4.95	Mar. 30	4.42	May 23	5.12	Sept. 21	3.72
Dec. 29	5.14	Apr. 27	4.57	June 28	4.99	Oct. 27	3.86
Jan. 30, 1961	5.24	May 27	4.73	July 26	4.11	Nov. 23	3.62
Feb. 27	5.24	June 25	4.96	Aug. 30	4.91	Dec. 28	3.70
Mar. 29	4.93	July 27	3.79	Sept. 25	5.13	Jan. 26, 1971	2.21
Apr. 27	4.75	Aug. 25	4.36	Oct. 25	5.40	Feb. 23	3.48
May 31	4.86	Sept. 28	4.82	Nov. 27	5.41	Mar. 23	3.13
June 29	5.14	Oct. 26	5.08	Dec. 27	5.04	Apr. 27	2.71
Aug. 1	4.40	Nov. 24	5.43	Jan. 29, 1968	4.66	May 24	2.42
30	4.81	Dec. 28	5.39	Feb. 27	5.31	June 24	2.34
Sept. 28	5.02	Jan. 26, 1965	5.50	Apr. 4	5.10	July 26	1.62
Oct. 27	5.11	Feb. 25	5.42	25	4.71	Aug. 24	2.41
Dec. 1	5.41	Mar. 29	5.16	June 26	4.64	Sept. 23	2.52
27	5.26	Apr. 28	5.51	July 25	2.95	Oct. 21	2.67
Jan. 29, 1962	5.45	May 26	5.60	Sept. 23	4.66	Nov. 23	3.34
Feb. 28	5.52	June 29	5.94	Oct. 22	4.96	Dec. 27	3.41
Mar. 30	5.21	July 27	4.97	Nov. 25	4.91	Jan. 24, 1972	3.64
Apr. 27	5.08	Aug. 30	5.50	Dec. 23	2.84	Feb. 23	3.40
May 31	5.43	Sept. 28	5.63	Jan. 22, 1969	4.83	Mar. 24	3.61
June 28	5.12	Oct. 26	5.50	Feb. 27	4.48	Apr. 21	2.53
July 30	5.69	Nov. 23	5.59	Mar. 21	4.31	May 22	3.38
Aug. 29	6.43	Dec. 28	5.48	Apr. 21	3.77	June 23	2.68
Oct. 31	6.95	Jan. 27, 1966	5.39	May 22	2.84	July 24	1.01
Nov. 27	6.69	Feb. 23	5.06	June 23	3.14	Aug. 22	1.90
Dec. 27	6.31	Mar. 29	5.07	July 23	2.69	Sept. 25	2.34
Jan. 28, 1963	6.61	Apr. 26	4.92	Aug. 28	3.46	Oct. 25	2.54
Feb. 25	6.67	May 25	5.15	Sept. 22	3.66	Nov. 22	2.07
Mar. 25	6.49	June 27	5.21	Oct. 21	3.29	Dec. 20	2.27
Apr. 29	6.42						

411805N0725458.1. Local number NHN 235. C. Cowles and Co. Chestnut and Water Sts., New Haven. Drilled unused water-table well in glacial sand of Pleistocene age, diam 8 in, depth 39 ft, screened 28-38. Lsd 14.80 ft above msl. MP seat of manhole cover, 14.80 ft above msl. Highest water level 3.80 above msl, June 23, 1972; lowest 2.30 below msl, Aug. 31, 1944. Records available: 1940-72. (1956-67 records not previously published.) Water levels affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1956	+1.05	Oct. 29, 1959	+0.92	Aug. 28, 1963	+1.81	June 28, 1967	+2.02
Feb. 27	.97	Nov. 30	1.08	Sept. 26	1.29	July 26	2.42
Mar. 29	1.05	Dec. 29	1.22	Oct. 30	1.33	Aug. 30	1.78
Apr. 27	1.09	Jan. 28, 1960	1.05	Nov. 27	1.34	Sept. 25	2.25
May 28	1.40	Feb. 29	1.36	Dec. 27	1.68	Nov. 27	2.24
June 27	1.15	Mar. 30	1.22	Jan. 30, 1964	2.01	Dec. 27	2.27
July 27	1.00	Apr. 28	1.39	Feb. 25	1.50	Jan. 29, 1968	2.42
Aug. 30	.74	May 31	1.40	Mar. 30	1.87	Feb. 27	2.14
Sept. 27	.93	June 29	1.12	Apr. 27	1.31	Apr. 4	2.45
Oct. 29	.91	Aug. 1	1.82	May 27	+1.05	25	2.28
Nov. 30	.70	30	1.17	June 25	-.35	June 26	2.32
Dec. 29	1.30	Sept. 27	1.08	July 27	.30	July 25	2.54
Jan. 31, 1957	.91	Oct. 28	.70	Sept. 28	.69	Sept. 23	2.41
Mar. 1	.78	Nov. 29	.97	Oct. 26	.96	Oct. 22	2.28
Apr. 29	.84	Jan. 30, 1961	.81	Nov. 28	-.05	Nov. 25	2.24
June 3	1.12	Feb. 27	1.28	Dec. 24	+.71	Dec. 23	3.06
27	1.10	Mar. 29	1.61	Jan. 26, 1965	.42	Feb. 20, 1969	2.55
July 30	.23	Apr. 27	1.09	Feb. 25	.63	Mar. 21	2.63
Aug. 30	.46	May 31	.77	Mar. 29	1.10	Apr. 21	2.22
Sept. 26	.35	June 29	.21	Apr. 28	1.42	May 22	2.86
Oct. 30	.10	Aug. 1	1.10	May 26	.16	July 23	2.79
Nov. 29	.27	30	1.07	June 29	.10	Aug. 28	2.84
Dec. 30	.27	Sept. 28	.68	July 27	.50	Sept. 22	2.86
Jan. 30, 1958	.94	Oct. 27	1.22	Aug. 30	.78	Oct. 21	2.82
Feb. 28	1.08	Dec. 27	.63	Sept. 28	.38	Nov. 24	2.99
Mar. 31	1.43	Jan. 29, 1962	.69	Oct. 27	.43	Dec. 23	3.22
Apr. 29	1.77	Feb. 28	1.28	Nov. 23	.47	Jan. 21, 1970	3.17
May 29	1.84	Mar. 30	.88	Dec. 28	.75	Feb. 25	3.40
June 27	1.89	Apr. 27	1.46	Jan. 27, 1966	.88	Mar. 23	3.10
Aug. 1	1.25	May 31	1.77	Feb. 23	.96	Apr. 22	3.48
28	1.30	June 28	1.61	Mar. 29	1.32	May 22	3.20
Sept. 29	1.44	July 30	1.10	Apr. 26	1.26	June 22	3.18
Oct. 30	1.77	Aug. 29	1.89	May 25	1.22	July 22	2.07
Dec. 1	1.47	Sept. 27	1.57	June 27	1.37	Aug. 21	2.77
29	1.17	Oct. 31	1.15	July 27	1.30	Sept. 21	2.91
Jan. 29, 1959	.50	Nov. 27	1.28	Aug. 29	1.23	Oct. 27	2.66
Feb. 26	.56	Dec. 27	1.46	Sept. 28	1.03	Nov. 23	2.82
Mar. 30	1.08	Jan. 28, 1963	1.92	Oct. 26	1.13	Dec. 28	2.92
May 1	1.09	Feb. 25	1.94	Nov. 28	1.52	Jan. 26, 1971	3.08
28	.87	Mar. 25	1.88	Dec. 27	1.43	Feb. 23	2.90
June 29	.79	Mar. 25	2.20	Jan. 24, 1967	1.37	Mar. 23	3.31
July 30	.62	Apr. 29	1.62	Feb. 27	1.63	Apr. 27	3.17
Aug. 31	.78	May 28	1.26	Mar. 30	2.10	May 22	2.87
Sept. 29	.52	June 28	1.05	Apr. 27	.26	June 24	3.16
		July 30	1.92	May 23	2.11	July 26	3.13

411805N0725458.1--Continued.

Date	Water level
Aug. 24, 1971	+3.20
Sept. 23	3.42
Oct. 21	3.37
Nov. 23	3.21

Date	Water level
Jan. 24, 1972	+3.34
Feb. 23	3.03
Mar. 24	3.61
Apr. 21	3.26

Date	Water level
May 22, 1972	+3.52
June 23	3.80
July 24	3.55
Aug. 22	3.16

Date	Water level
Sept. 25, 1972	+2.81
Oct. 25	2.82
Nov. 22	3.14
Dec. 20	3.33

413134N0730217.1. Local number WB 93. Mrs. Simeon W. Nichols. 131 Pearl Lake Rd., Waterbury. Dug unused water-table well in glacial gravel of Pleistocene age, diam 32 in, depth 33 ft, lined with stone. Lsd about 320 ft above msl. MP bottom edge of flagstone at northwest corner of well, at lsd. Highest water level 23.99 below lsd, Apr. 1, 1953; lowest 29.68 below lsd, Sept. 27, 1962. Records available: 1944-72.

Jan. 25, 1968	27.13
Feb. 27	26.92
Mar. 26	26.07
Apr. 24	27.04
May 21	27.09
June 25	26.68
July 24	27.24
Aug. 28	27.79
Oct. 23	28.04
Nov. 25	27.26
Dec. 27	26.95
Jan. 21, 1969	27.45
Feb. 25	27.65
Mar. 28	27.12
Apr. 21	26.75

May 23, 1969	26.83
June 23	27.44
July 23	27.92
Aug. 25	27.15
Sept. 22	27.78
Oct. 22	27.99
Nov. 25	26.69
Dec. 19	26.50
Jan. 26, 1970	27.40
Feb. 24	25.57
Mar. 23	27.22
Apr. 20	26.08
May 18	27.44
June 23	27.73
July 27	28.03

Aug. 20, 1970	28.14
Sept. 23	28.12
Oct. 23	28.12
Nov. 24	27.92
Dec. 21	27.86
Jan. 21, 1971	27.67
Feb. 23	27.17
Mar. 25	26.13
Apr. 23	26.97
May 21	26.92
June 22	27.42
July 23	27.85
Aug. 26	27.04
Sept. 26	26.60
Oct. 26	27.45

Nov. 23, 1971	27.62
Dec. 29	26.95
Jan. 24, 1972	26.77
Feb. 22	26.75
Mar. 24	24.97
Apr. 24	27.05
May 22	26.54
June 26	25.07
July 24	27.09
Aug. 21	27.89
Sept. 22	28.02
Oct. 23	27.76
Nov. 28	26.30
Dec. 21	25.93

413245N0725842.1. Local number WB 198. A. A. Baker. 185 Pierpont Rd., Waterbury. Dug domestic water-table well in glacial till of Pleistocene age, diam 30 in, depth 31 ft, lined with stone. Lsd about 540 ft above msl. MP flagstone at southeast corner of well, at lsd. Highest water level 5.49 below lsd, Jan. 10, 1946; lowest 21.00 below lsd, Nov. 26, 1949. Records available: 1944-72. (1956-67 records not previously published.)

Jan. 30, 1956	12.99
Feb. 27	12.52
Mar. 30	11.74
Apr. 27	10.37
May 28	11.99
June 27	13.10
July 30	14.43
Aug. 30	16.28
Sept. 26	17.78
Oct. 29	18.58
Nov. 30	18.08
Dec. 31	15.93
Jan. 31, 1957	15.09
Mar. 1	14.62
30	13.78
Apr. 29	12.02
June 1	13.65
27	15.17
July 30	17.60
Aug. 30	18.92
Sept. 26	19.56
Oct. 30	19.67
Nov. 29	18.57
Dec. 30	14.50
Jan. 30, 1958	9.48
Feb. 28	10.62
Mar. 31	8.16
Apr. 29	8.83
May 29	10.57
June 27	12.86
Aug. 1	14.12
28	15.18
Sept. 29	15.92
Oct. 30	14.68
Dec. 1	13.44
29	13.36
Jan. 29, 1959	14.06
Feb. 26	14.25
Mar. 30	12.84
May 1	11.73
28	12.12
June 29	13.83
July 30	14.99
Aug. 31	16.67
Sept. 29	17.23
Oct. 29	15.25
Nov. 30	13.05
Dec. 29	11.51
Jan. 28, 1960	11.36

Feb. 29, 1960	9.48
Mar. 30	11.50
Apr. 28	10.91
May 31	12.59
Aug. 30	15.03
Sept. 27	13.36
Oct. 28	14.25
Nov. 29	13.76
Jan. 31, 1961	14.03
Feb. 27	11.74
Mar. 29	9.91
Apr. 27	8.46
May 31	11.22
June 29	12.70
Aug. 1	14.05
30	15.35
Sept. 28	16.19
Oct. 27	16.48
Dec. 3	16.85
29	16.81
Jan. 27, 1962	15.20
Feb. 24	15.40
Mar. 31	12.33
Apr. 26	12.10
May 31	13.56
June 28	14.32
July 30	11.97
Aug. 29	17.06
Oct. 30	18.02
Nov. 29	16.20
Dec. 26	14.88
Jan. 30, 1963	14.67
Feb. 28	14.59
Mar. 26	13.10
Apr. 26	12.80
May 27	13.79
June 27	14.63
July 29	14.34
Aug. 26	14.52
Oct. 28	17.62
Nov. 26	16.39
Dec. 26	13.88
Jan. 30, 1964	11.44
Feb. 25	11.90
Mar. 30	11.29
Apr. 27	10.57
May 27	12.77
June 25	14.11

July 27, 1964	15.63
Aug. 25	17.25
Sept. 28	19.19
Oct. 26	20.10
Nov. 24	20.72
Dec. 28	19.20
Jan. 26, 1965	17.64
Feb. 25	14.00
Mar. 29	13.55
Apr. 28	13.40
May 26	14.07
June 29	15.32
July 27	16.38
Aug. 30	18.06
Sept. 28	19.52
Dec. 28	19.33
Jan. 25, 1966	18.93
Feb. 23	18.10
Mar. 29	14.00
Apr. 26	14.07
May 23	14.42
June 27	15.24
July 27	16.95
Aug. 20	19.13
Sept. 27	19.84
Oct. 26	18.69
Nov. 28	16.39
Dec. 27	16.03
Jan. 24, 1967	14.34
Feb. 27	13.68
Mar. 29	11.80
Apr. 26	9.84
May 23	10.97
June 27	12.65
July 25	13.50
Aug. 28	14.78
Oct. 24	17.22
Nov. 28	16.86
Dec. 26	14.65
Jan. 25, 1968	14.05
Feb. 27	13.46
Mar. 26	11.12
Apr. 24	12.36
May 21	12.50
June 25	11.82
July 24	12.60
Sept. 25	14.22
Oct. 23	15.68

Nov. 25, 1968	15.07
Dec. 27	12.73
Jan. 21, 1969	13.26
Feb. 25	14.15
Mar. 28	12.54
Apr. 21	11.68
May 23	11.63
June 23	12.88
July 23	14.22
Aug. 25	11.50
Sept. 22	12.96
Nov. 25	12.23
Dec. 19	11.51
Jan. 26, 1970	12.85
Feb. 24	10.09
Mar. 23	11.75
Apr. 20	10.50
May 18	12.26
June 23	13.60
July 27	15.45
Aug. 20	17.00
Sept. 23	17.95
Oct. 23	18.47
Dec. 21	17.58
Jan. 21, 1971	17.72
Feb. 23	15.19
Mar. 25	11.90
Apr. 23	12.17
May 21	12.25
June 22	13.62
July 23	15.30
Aug. 26	16.53
Sept. 24	14.79
Oct. 26	14.90
Nov. 23	15.37
Dec. 29	13.32
Jan. 24, 1972	12.83
Feb. 22	12.87
Mar. 24	8.84
Apr. 24	11.54
May 24	11.05
June 26	9.47
July 24	11.60
Aug. 21	13.35
Sept. 22	15.39
Oct. 23	16.38
Nov. 28	13.60
Dec. 22	11.06

New London County

412013N0720306.1. Local number GT 19. John E. Ackley, Jr. Poquonock Plains, Groton. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 24 in, depth 18 ft, lined with stone. Lsd about 22 ft above msl. MP bottom of fieldstone on west side of well, at lsd. Highest water level 9.98 below lsd, Apr. 6, 1970; lowest 17.97 below lsd, Oct. 6, 1963. Records available: 1958-72.

412013N0720306.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1968	13.80	Apr. 7, 1969	13.49	July 6, 1970	16.25	Sept. 27, 1971	17.65
14	14.41	15	13.60	13	16.46	Oct. 4	17.70
21	14.34	21	13.68	20	16.55	11	17.27
28	14.73	27	13.11	27	16.78	17	16.93
Feb. 4	14.46	May 5	13.89	Aug. 2	16.77	25	17.07
12	14.39	12	14.32	10	16.93	Nov. 1	17.16
19	14.83	19	14.78	17	17.04	8	17.07
26	15.15	26	15.00	24	17.12	14	17.15
Mar. 4	15.62	June 2	15.26	31	17.18	22	17.16
10	15.78	9	15.53	Sept. 7	17.27	29	16.82
19	12.56	16	15.88	13	17.36	Dec. 6	15.65
24	11.54	23	16.07	21	17.12	13	15.57
Apr. 1	12.92	30	16.29	28	16.99	20	15.62
8	13.83	July 7	16.48	Oct. 5	17.06	27	15.74
14	14.47	13	16.63	11	17.17	Jan. 2, 1972	15.65
22	15.06	21	16.81	18	17.15	10	15.19
30	15.33	27	16.85	26	16.70	18	14.78
May 6	15.58	Aug. 3	16.29	Nov. 1	16.46	24	15.01
13	15.62	10	15.49	9	15.32	31	15.40
20	15.57	18	15.93	16	14.48	Feb. 8	15.50
27	15.72	25	16.25	22	14.10	15	15.60
June 3	15.46	31	16.48	30	14.71	21	14.72
10	15.52	Sept. 7	16.68	Dec. 7	15.20	29	14.12
17	15.64	14	16.57	14	15.53	Mar. 6	13.64
24	15.73	21	16.71	20	14.75	12	12.91
July 1	15.59	Oct. 5	16.69	28	14.39	20	11.78
7	15.75	12	16.72	Jan. 3, 1971	14.87	27	12.24
14	15.96	20	16.87	10	14.08	Apr. 2	13.15
22	16.23	26	16.96	19	14.72	10	14.02
28	16.41	Nov. 3	17.02	25	15.12	17	14.22
Aug. 4	16.64	10	15.70	31	15.45	24	13.75
12	16.84	16	15.32	Feb. 7	14.65	May 1	13.33
19	17.00	24	15.38	14	15.25	7	13.06
26	17.13	Dec. 2	15.64	21	15.43	15	13.41
Sept. 1	17.23	8	15.82	28	15.07	21	13.63
9	17.32	15	14.50	Mar. 8	13.88	30	14.12
16	17.37	23	13.97	15	13.64	June 4	14.50
23	17.45	29	11.52	22	13.83	12	14.96
29	17.54	Jan. 4, 1970	12.72	29	14.03	19	13.02
Oct. 7	17.62	12	13.72	Apr. 5	14.56	26	11.10
14	17.64	19	14.52	12	14.53	July 2	12.00
21	17.66	26	15.08	19	14.82	9	13.62
28	17.61	Feb. 1	15.38	25	15.08	20	14.20
Nov. 4	17.59	8	14.49	Mar. 3	15.38	26	14.88
12	17.00	16	13.85	10	15.43	31	15.16
19	16.45	23	14.27	16	15.15	Aug. 7	15.41
26	16.19	Mar. 2	14.63	24	14.98	14	15.66
Dec. 1	16.34	9	15.02	31	15.31	20	15.83
10	14.88	16	15.18	June 6	15.60	28	16.13
17	14.66	23	15.03	13	15.87	Sept. 4	16.15
23	14.54	30	14.26	20	16.12	12	16.31
31	13.54	Apr. 6	9.98	27	16.37	20	16.33
Jan. 5, 1969	13.50	12	11.68	July 5	16.61	26	16.54
12	14.25	20	13.18	11	16.75	Oct. 3	16.68
20	14.96	25	13.82	18	16.92	9	15.93
27	15.34	May 4	14.33	26	16.95	24	16.17
Feb. 2	15.43	10	14.72	Aug. 1	17.00	Nov. 7	16.05
11	15.43	18	15.15	9	17.07	14	14.28
17	15.48	25	15.15	15	17.16	29	13.17
23	15.32	31	15.35	22	17.25	28	13.06
Mar. 3	15.11	June 8	15.53	31	17.35	Dec. 4	13.35
10	15.02	15	15.70	Sept. 5	17.40	11	12.02
16	15.06	22	15.92	13	17.50	19	12.35
23	15.18	30	16.11	20	17.57	26	12.17
31	13.64						

Tolland County

414548N0721145.1. Local number MS 19. C. T. DeBoer. State Rte. 189 and Cemetery Rd., Mansfield. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 36 in, depth 22 ft, cased with cement tile. Lsd about 260 ft above msl. MP top of tile, at lsd. Highest water level 8.89 below lsd, Mar. 24, 1972; lowest 15.72 below lsd, Jan. 26, 1966. Records available: 1958-72.

May 27, 1958	9.84	Sept. 30, 1959	13.22	Feb. 28, 1961	10.57	June 30, 1962	11.75
June 28	11.17	Oct. 30	12.51	Mar. 30	9.72	July 30	12.63
Aug. 2	11.41	Dec. 1	11.02	Apr. 28	9.40	Aug. 29	13.41
29	11.71	30	10.14	June 1	9.15	Sept. 29	14.28
Sept. 27	12.15	Jan. 29, 1960	9.97	30	10.14	Oct. 29	14.43
Oct. 31	11.66	Apr. 1	9.62	Aug. 2	11.79	Nov. 29	14.11
Nov. 28	11.53	29	9.30	31	12.14	Dec. 29	14.15
Dec. 30	11.12	June 1	9.78	Sept. 29	12.78	Jan. 29, 1963	13.15
Jan. 30, 1959	11.04	30	10.77	Oct. 28	13.18	Feb. 28	13.45
Feb. 27	10.84	Aug. 2	11.43	Nov. 30	13.62	Mar. 29	11.22
Mar. 28	10.03	31	12.15	Dec. 30	13.80	May 1	11.43
Apr. 29	9.41	Sept. 27	11.45	Jan. 30, 1962	11.87	29	11.71
May 29	10.28	Oct. 27	11.70	Mar. 1	12.07	June 26	12.09
June 30	11.24	Nov. 30	11.64	Apr. 2	10.39	July 31	12.84
July 31	11.67	Dec. 30	11.65	May 2	10.12	Aug. 27	13.84
Sept. 1	12.73	Feb. 1, 1961	12.20	June 2	11.05	Sept. 26	14.55

414548N0721145.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 30, 1963	15.08	Feb. 23, 1966	14.12	June 26, 1968	9.84	Oct. 23, 1970	13.98
Nov. 27	15.24	Mar. 30	11.96	July 22	10.28	Nov. 24	13.84
Dec. 27	14.82	Apr. 27	12.07	Aug. 28	11.63	Dec. 23	12.63
Jan. 29, 1964	13.52	May 26	11.74	Sept. 24	12.58	Jan. 25, 1971	11.29
Feb. 26	11.62	June 29	12.39	Oct. 21	13.34	Feb. 24	11.84
Mar. 30	10.84	July 28	13.18	Nov. 22	13.47	Mar. 25	10.58
Apr. 26	9.44	Aug. 30	13.93	Dec. 26	12.45	Apr. 23	10.45
May 26	9.10	Sept. 27	14.75	Jan. 22, 1969	12.35	May 21	10.44
June 26	11.55	Oct. 27	15.12	Feb. 25	12.50	June 22	11.18
July 28	12.40	Nov. 30	14.24	Mar. 21	12.43	July 23	12.34
Aug. 26	13.49	Dec. 28	14.42	Apr. 21	10.38	Aug. 26	12.94
Sept. 28	14.51	Jan. 25, 1967	13.63	May 21	9.51	Sept. 27	12.77
Oct. 27	14.64	Feb. 27	13.19	June 23	10.73	Oct. 21	12.98
Nov. 25	15.19	Mar. 31	11.33	July 22	11.91	Nov. 23	13.23
Dec. 29	14.77	Apr. 25	9.53	Aug. 25	12.20	Dec. 28	11.70
Jan. 27, 1965	14.04	May 22	9.72	Sept. 25	12.40	Jan. 24, 1972	11.10
Feb. 23	12.88	June 28	10.11	Oct. 22	12.99	Feb. 23	10.69
Mar. 30	11.75	July 26	10.40	Nov. 24	12.46	Mar. 24	8.89
Apr. 29	11.82	Aug. 29	11.72	Dec. 23	11.20	Apr. 21	9.75
May 27	11.95	Sept. 28	12.76	Jan. 22, 1970	10.73	May 22	9.41
June 30	12.94	Oct. 26	13.25	Feb. 19	9.58	June 21	9.17
July 28	13.25	Nov. 30	13.75	Apr. 27	9.58	July 24	9.77
Aug. 30	13.64	Dec. 28	12.79	May 21	9.69	Aug. 22	10.96
Sept. 27	14.28	Jan. 30, 1968	12.28	June 22	10.34	Sept. 25	11.61
Oct. 28	15.12	Feb. 27	11.79	July 22	11.75	Oct. 25	11.91
Nov. 24	15.11	Mar. 27	10.21	Aug. 24	12.86	Nov. 22	10.04
Dec. 29	15.39	Apr. 25	10.20	Sept. 23	13.39	Dec. 20	9.33
Jan. 26, 1966	15.72	May 22	10.61				

Windham County

414911N0715620.1. Local number BK 41. Richard Brouillard. Darby and Barrett Hill Rds., Brooklyn. Drilled unused artesian well in crystalline bedrock, diam 6 in, depth 107 ft, cased to 9'. Lsd about 330 ft above msl. MP top of casing, 1.15 ft above lsd. Highest water level 4.05 below lsd, Mar. 24, 1972; lowest 17.60 below lsd, Sept. 27, 1957. Records available: 1957-72.

Jan. 30, 1968	9.92	May 21, 1969	7.97	Aug. 24, 1970	15.40	Nov. 23, 1971	12.10
Feb. 27	10.38	June 23	11.29	Sept. 23	16.27	Dec. 26	9.65
Mar. 27	5.69	July 22	13.15	Oct. 23	16.79	Jan. 24, 1972	9.35
Apr. 25	9.80	Aug. 25	13.30	Nov. 24	13.83	Feb. 23	9.98
May 22	10.12	Sept. 25	12.89	Dec. 22	9.92	Mar. 24	4.05
June 25	10.44	Oct. 22	11.82	Jan. 25, 1971	11.29	Apr. 21	7.74
July 22	11.76	Nov. 24	9.60	Feb. 24	8.99	May 22	7.03
Sept. 24	14.97	Dec. 23	8.22	Mar. 25	6.29	June 23	7.96
Oct. 21	15.57	Jan. 22, 1970	9.84	Apr. 23	9.19	July 23	10.31
Nov. 22	12.98	Feb. 19	7.11	May 21	8.74	Aug. 22	12.04
Dec. 26	9.82	Mar. 23	9.62	June 22	10.82	Sept. 25	12.40
Jan. 22, 1969	11.00	Apr. 27	8.75	July 23	13.43	Oct. 25	11.47
Feb. 25	11.56	May 21	9.19	Aug. 26	14.79	Nov. 22	5.82
Mar. 21	10.40	June 22	11.40	Sept. 27	15.24	Dec. 20	6.49
Apr. 21	5.06	July 22	13.55	Oct. 21	13.98		

414054N0715520.1. Local number PL 1. Clifford Starkweather. Pleasant St., Plainfield. Dug unused water-table well in glacial sand and gravel of Pleistocene age, diam 36 in, depth 34 ft, lined with brick. Lsd about 180 ft above msl. MP top of stone curb, at lsd. Highest water level 27.24 below lsd, Apr. 28, 1953; lowest 33.22 below lsd, Feb. 11, 1966. Records available: 1942-72. Affected by pumping of well 2,000 ft distant since about August 1962. Recording gage removed June 25, 1968.

Jan. 30, 1968	30.36	Apr. 21, 1969	29.89	July 22, 1970	30.68	Oct. 21, 1971	31.81
Feb. 27	29.76	May 21	29.41	Aug. 24	31.37	Nov. 23	31.85
Mar. 27	29.28	June 23	30.13	Sept. 23	31.80	Dec. 28	31.33
Apr. 25	29.49	July 22	30.66	Oct. 23	32.11	Jan. 24, 1972	30.74
May 22	30.16	Aug. 25	30.73	Nov. 24	32.00	Feb. 23	30.37
June 25	30.45	Sept. 25	31.07	Dec. 22	31.86	Mar. 24	28.11
July 22	30.58	Oct. 22	31.41	Jan. 25, 1971	32.72	Apr. 21	28.38
Aug. 28	31.15	Nov. 24	31.12	Feb. 24	29.98	May 22	28.54
Sept. 24	31.56	Dec. 23	30.89	Mar. 25	30.48	June 21	27.63
Oct. 21	31.97	Jan. 22, 1970	29.69	Apr. 23	30.34	July 24	28.81
Nov. 22	31.98	Feb. 19	29.03	May 21	30.45	Aug. 22	29.70
Dec. 26	31.42	Mar. 23	29.53	June 22	30.80	Sept. 25	30.40
Jan. 22, 1969	30.80	Apr. 27	28.50	July 23	31.37	Oct. 25	30.70
Feb. 25	31.15	May 21	29.36	Aug. 26	31.76	Nov. 22	30.00
Mar. 21	31.19	June 22	30.06	Sept. 27	31.88	Dec. 20	27.95

DELAWARE

The observation-well program in Delaware was continued during 1968 through 1972 in cooperation with the Delaware Geological Survey, which has represented the State in the cooperative ground-water program. 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.

The State of Delaware is divided into 5-minute quadrangles of latitude and longitude. The quadrangles are lettered north to south with uppercase letters, and west to east with lowercase letters. The 5-minute quadrangle is further subdivided into 25 one-minute blocks, numbered from north to south in series of tens from 10 to 50, and from west to east in units from 1 to 5. A well in one of these blocks is designated by a capital letter, a small letter, and a two-digit number, followed by a hyphen and a serial number, as, for example, well Nc45-1 in northwestern Sussex County.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet below land-surface datum.

Kent County

391025N0753049.1. Local number Id55-1. City of Dover. White Oak Rd., Dover. Drilled observation artesian well in Piney Point aquifer, diam 2½ in, depth 349 ft, cased 0-329, screened 329-349. Lsd 20 ft above msl. MP top of casing, at lsd. Highest water level 67.40 below lsd, May 5, 1970; lowest 93.50 below lsd, Aug. 31, 1972. Records available: 1969-72. Water levels influenced by pumping in the Dover area.

Water level at noon, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	73.79	74.24	72.51	71.47
10	.....	.....	.....	.....	.....	.....	.....	.....	73.95	73.89	e72.75	70.90
15	.....	.....	.....	.....	.....	.....	.....	.....	74.35	73.42	72.90	70.80
20	.....	.....	.....	.....	.....	.....	.....	.....	74.59	73.05	72.63	70.87
25	.....	.....	.....	.....	.....	.....	.....	.....	74.05	73.10	72.34	70.61
Eom	.....	.....	.....	.....	.....	.....	.....	73.82	74.27	72.87	71.70	69.74
1970												
5	69.37	69.00	68.80	68.38	67.40	69.40	72.30	74.75	79.65	.....	81.42	80.09
10	69.13	68.95	68.83	68.58	67.45	69.59	72.76	75.72	80.57	.....	81.50	80.08
15	69.12	69.44	68.54	68.45	67.51	70.31	72.73	77.25	81.30	.....	81.08	79.26
20	69.12	69.20	68.37	67.85	67.70	71.38	73.01	78.30	82.22	.....	80.83	78.42
25	69.05	68.85	68.12	67.53	67.92	71.76	e73.5	78.74	84.65	.....	80.81	77.57
Eom	69.05	69.52	68.18	67.54	68.98	72.08	74.10	78.79	84.97	82.09	80.23	76.95
1971												
5	76.27	73.90	72.30	72.30	72.96	74.71	80.98	83.30	83.74	83.91	82.20	81.86
10	76.05	73.48	72.15	72.05	73.32	75.66	81.35	83.27	83.98	e83.35	82.30	81.75
15	75.58	73.23	72.00	71.98	73.83	75.64	81.25	83.63	83.90	83.30	82.40	81.74
20	75.17	72.98	71.75	72.14	73.95	76.26	e82.0	83.60	84.45	83.07	82.25	82.17
25	74.78	72.55	71.95	72.33	74.35	77.60	81.72	84.11	84.45	82.75	82.30	82.37
Eom	74.34	72.65	72.16	72.64	74.72	78.92	83.13	83.58	84.27	82.54	81.45	81.69
1972												
5	81.08	80.46	79.23	78.53	78.95	83.34	84.37	88.72	93.37	89.08	85.08	80.93
10	81.45	80.37	79.53	78.37	79.14	83.60	83.97	89.61	93.25	88.24	84.34	80.25
15	81.53	79.76	79.23	78.27	80.38	84.27	83.68	89.80	91.83	87.38	83.45	79.55
20	81.29	79.54	79.19	78.23	81.02	84.90	83.78	90.47	91.11	86.85	82.81	79.07
25	81.25	79.42	78.87	78.35	82.60	84.94	85.05	91.40	89.87	86.29	82.18	78.50
Eom	80.81	79.35	78.77	78.50	83.15	84.85	87.61	93.50	89.70	85.43	81.67	77.30
e Estimated.												

e Estimated.

390607N0753315.1. Local number Jd42-3. State Highway Dept. Near Camden. Bored observation water-table well in sand of Pleistocene age, diam 1½ in, depth 11 ft, well point 9-11. Lsd about 44 ft above msl. MP top of casing, at lsd. Highest water level 3.08 below lsd, June 2, 1952; lowest 9.16 below lsd, Oct. 30, 1951. Records available: 1950-61, 1971-72. This is a replacement well and is located 2 ft north of the original well. The measurements published in WSP 1782, for the years 1958-61 for the original well, are doubtful.

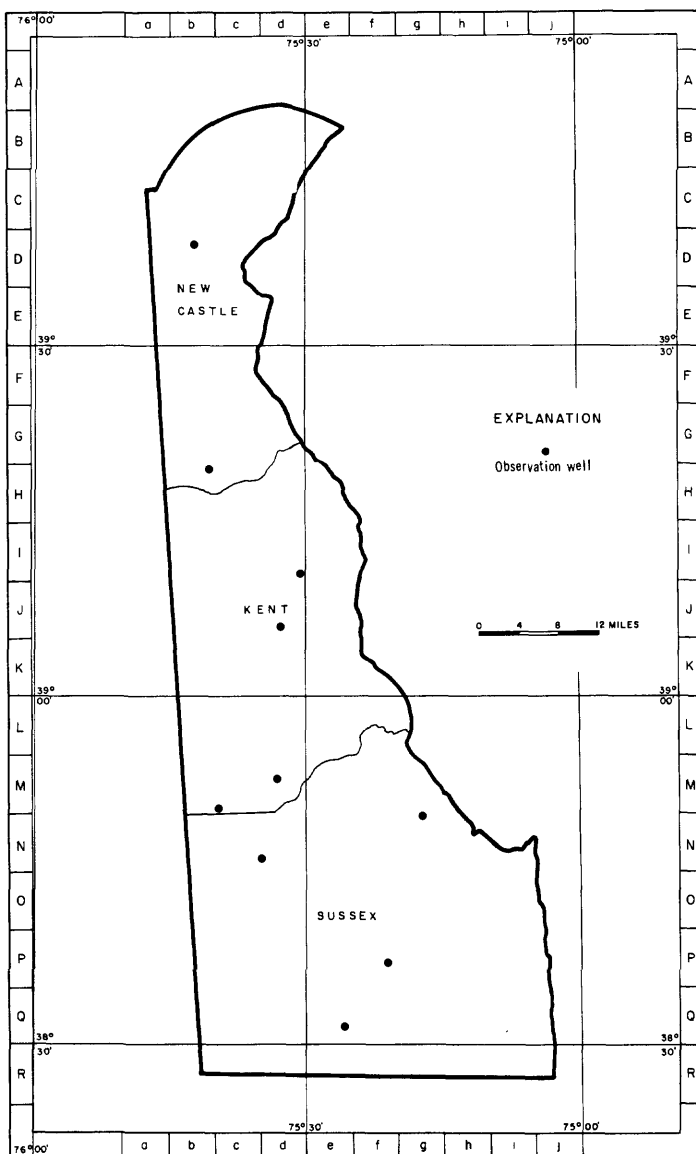


Figure 3.--Location of observation wells in Delaware, 1968-72.

390607N0753315.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 23, 1971	7.05	Nov. 23, 1971	5.24	Apr. 24, 1972	4.47	Sept. 25, 1972	6.07
24	7.13	Dec. 22	4.33	May 25	4.65	Oct. 24	6.32
31	6.47	Jan. 24, 1972	4.54	June 25	4.46	Nov. 21	4.95
Sept. 24	6.12	Feb. 25	4.15	July 24	4.77	Dec. 22	3.87
Oct. 26	5.16	Mar. 24	4.26	Aug. 24	5.49		

385041N0753956.1. Local number M051-1. State Highway Dept. Near Adamsville. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 18 ft, well point 16-18. Lsd about 55 ft above ms1. MP top of casing, at lsd. Highest water level 5.47 below lsd, Aug. 6, 1967; lowest 15.24 below lsd, Jan. 24, 1969. Records available: 1958-72.

Feb. 20, 1968	8.82	Feb. 26, 1969	14.38	June 16, 1970	10.34	Dec. 13, 1971	10.17
Mar. 27	7.74	Apr. 1	12.43	July 28	9.65	Jan. 6, 1972	10.66
Apr. 26	9.69	May 6	11.90	Sept. 9	12.20	Feb. 8	9.34
May 9	10.22	June 12	12.74	Oct. 16	13.50	Mar. 13	8.06
23	10.80	July 25	12.32	Nov. 23	13.71	Apr. 6	9.73
June 6	10.73	Sept. 11	8.16	Dec. 29	13.54	May 5	9.06
July 13	11.60	Oct. 15	10.78	Feb. 9, 1971	12.09	June 7	9.79
Aug. 19	12.68	Nov. 6	11.73	Mar. 26	10.05	July 11	8.02
Oct. 4	13.90	Dec. 19	12.10	Apr. 23	9.84	Sept. 14	12.02
Nov. 13	14.57	Jan. 30, 1970	10.02	May 4	10.54	Oct. 13	12.93
Dec. 18	14.95	Mar. 12	10.05	June 17	11.24	Nov. 14	12.30
Jan. 2, 1969	14.74	23	10.57	July 29	12.76	Dec. 11	10.08
24	15.24	Apr. 23	8.04	Oct. 26	12.36		

385310N0753313.1. Local number M422-1. State Highway Dept. Near Williamsville. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 17 ft, well point 14-17. Lsd about 58 ft above ms1. MP top of casing, at lsd. Highest water level 1.73 below lsd, Apr. 20, 1970; lowest 11.14 below lsd, Jan. 6, 1966. Records available: 1958-72.

Feb. 20, 1968	3.72	May 5, 1969	4.94	June 8, 1970	5.29	Aug. 2, 1971	7.62
Mar. 27	2.56	June 12	7.21	July 19	5.04	Oct. 26	5.73
Apr. 26	4.33	July 24	7.98	July 28	3.29	Dec. 13	2.61
May 9	5.08	Sept. 11	2.24	Aug. 28	4.72	Jan. 6, 1972	2.66
23	5.82	Oct. 23	5.64	Sept. 11	7.49	Feb. 8	2.84
June 6	4.07	Nov. 6	6.06	Oct. 19	9.13	Mar. 16	2.53
July 13	6.44	Dec. 15	3.93	Nov. 23	6.42	Apr. 12	3.41
Aug. 19	8.12	Jan. 27, 1970	2.84	Dec. 29	4.84	May 15	1.94
Oct. 4	9.91	Mar. 6	3.05	Jan. 29, 1971	4.29	June 9	3.79
Nov. 13	10.43	10	3.30	Feb. 9	2.97	July 12	3.47
Dec. 18	10.70	22	3.20	Mar. 25	2.94	Sept. 18	6.97
Jan. 2, 1969	10.59	23	3.29	Apr. 23	3.58	Oct. 10	6.58
24	10.06	Apr. 17	1.87	May 4	4.03	Nov. 13	2.99
Feb. 26	7.34	20	1.73	June 17	4.52	Dec. 11	1.75
Apr. 4	4.49	May 20	3.80				

New Castle County

393854N0754154.1. Local number Db24-10. State Highway Dept. Near Ogletown. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 24 ft, well point 21-24. Lsd about 77 ft above ms1. MP top of casing, at lsd. Highest water level 4.88 below lsd, May 12, 1958; lowest 17.43 below lsd, Feb. 10, 1966. Records available: 1957-72.

Feb. 23, 1968	9.15	May 9, 1969	13.63	July 15, 1970	9.42	Dec. 16, 1971	6.38
Mar. 26	7.71	June 6	13.93	Aug. 20	10.68	Jan. 13, 1972	6.72
Apr. 29	8.56	July 22	14.58	Oct. 5	12.32	Feb. 21	6.22
June 5	8.89	Aug. 23	14.70	Nov. 19	13.62	Mar. 10	5.92
July 16	9.97	Oct. 17	14.56	Jan. 13, 1971	13.42	Apr. 4	6.26
Aug. 15	10.91	Nov. 7	14.96	Feb. 23	12.76	May 8	6.12
Oct. 2	12.72	Dec. 22	14.85	Mar. 23	10.34	June 6	6.69
Nov. 21	13.93	Jan. 26, 1970	12.86	Apr. 26	10.30	July 11	6.70
Jan. 3, 1969	14.11	Mar. 13	11.58	May 5	10.45	Sept. 7	9.70
22	14.30	24	11.34	June 16	10.92	Oct. 9	11.01
Feb. 25	14.18	May 6	7.62	July 26	12.00	Nov. 9	12.00
Apr. 2	13.61	June 2	8.73	Oct. 28	8.17	Dec. 5	9.99

391949N0754107.1. Local number Hbl4-1. State Highway Dept. At Prices Corners. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 19 ft, well point 16-19. Lsd about 72 ft above ms1. MP top of casing, at lsd. Highest water level 1.49 below lsd, Apr. 7, 1958; lowest 11.95 below lsd, Aug. 31, 1966. Records available: 1957-72.

Feb. 23, 1968	7.53	Mar. 31, 1969	8.90	July 16, 1970	5.89	Dec. 2, 1971	3.15
Mar. 27	5.81	May 12	8.84	Aug. 18	7.09	Jan. 20, 1972	3.71
Apr. 29	6.65	June 9	9.12	Oct. 5	8.37	Feb. 16	3.26
June 5	6.31	July 22	9.68	Nov. 30	9.25	Mar. 15	3.17
July 18	7.11	Aug. 23	7.44	Jan. 13, 1971	8.69	Apr. 7	3.94
Aug. 20	7.98	Oct. 22	8.24	Feb. 18	8.14	May 3	3.80
Oct. 3	8.93	Nov. 7	8.54	Mar. 23	6.53	June 9	4.97
Nov. 29	9.87	Dec. 19	8.29	Apr. 26	6.71	July 11	3.20
Dec. 9	9.96	Jan. 26, 1970	6.18	May 12	7.03	Sept. 8	6.30
30	10.11	Mar. 18	6.23	June 10	7.16	Oct. 12	7.00
Jan. 3, 1969	10.16	24	5.99	July 26	8.09	Nov. 13	6.78
21	10.26	May 1	4.09	Oct. 28	4.17	Dec. 7	4.24
Feb. 24	9.69	June 4	5.67				

Sussex County

384639N075351.1. Local number Nc45-1. P. H. Cannon. Near Greenwood. Driven observation water-table well in sand of Pleistocene age, diam 1 in, depth 15 ft, screened 14-15. Lsd about 43 ft above ms1. MP top of casing, 1.00 ft above lsd. Highest water level 6.67 below lsd, Jan. 30, 1952; lowest 14.00 below lsd, Oct. 10, 1972. Records available: 1950-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 20, 1968	10.53	Apr. 1, 1969	10.43	July 20, 1970	11.18	Dec. 10, 1971	12.95
Mar. 27	8.52	May 6	10.67	Sept. 22	12.79	Jan. 19, 1972	12.62
Apr. 26	10.91	June 11	11.65	Oct. 16	13.93	Feb. 8	12.89
May 8	11.13	July 28	12.34	Nov. 23	12.48	Mar. 13	11.84
June 6	11.20	Sept. 11	10.76	Dec. 29	11.97	Apr. 11	12.82
July 13	11.99	Oct. 6	11.73	Feb. 9, 1971	11.80	May 15	12.61
Aug. 19	11.95	Nov. 6	12.22	Mar. 25	11.67	June 9	12.90
Oct. 4	13.09	Dec. 16	11.69	Apr. 23	12.04	July 11	12.42
Nov. 13	12.90	Jan. 28, 1970	10.42	May 4	12.30	Sept. 18	13.97
Dec. 19	12.60	Mar. 19	10.67	June 18	12.84	Oct. 10	14.00
Jan. 2, 1969	12.30	Apr. 22	9.47	July 29	12.23	Nov. 20	13.97
23	12.34	June 15	10.90	Oct. 26	13.72	Dec. 12	12.17
Feb. 25	11.26						

384955N0751928.1. Local number Ng11-1. State Highway Dept. Near Jefferson Crossroads. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 19 ft, well point 16-19. Lsd 24 ft above ms1. MP top of casing, at lsd. Highest water level 9.24 below lsd, Apr. 27, 1961; lowest 14.64 below lsd, Jan. 7, 1966. Records available: 1959-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 27, 1968	11.07	May 7, 1969	11.20	July 20, 1970	11.12	Dec. 6, 1971	11.51
Mar. 27	10.51	June 11	11.90	Sept. 14	12.47	Jan. 3, 1972	10.96
Apr. 26	10.97	July 23	12.21	Oct. 19	13.20	Feb. 7	10.83
June 6	11.70	Sept. 11	10.92	Nov. 22	12.79	Mar. 13	9.57
July 13	12.27	Oct. 6	11.64	Dec. 28	12.46	Apr. 11	10.15
Aug. 19	13.22	Nov. 6	12.32	Feb. 8, 1971	11.21	May 11	9.94
Oct. 4	13.73	Dec. 15	12.39	Mar. 22	10.01	June 5	9.95
Nov. 18	14.24	Jan. 27, 1970	10.46	Apr. 27	10.47	July 12	10.26
Dec. 20	14.29	Mar. 10	10.32	May 5	10.62	Sept. 12	11.60
Jan. 2, 1969	14.56	23	10.68	June 14	10.79	Oct. 11	12.16
20	14.34	Apr. 20	9.84	July 26	11.80	Nov. 16	11.78
Feb. 26	13.35	June 9	10.97	Oct. 26	11.90	Dec. 5	10.77
Apr. 4	11.47						

383730N0752135.1. Local number Pr24-2. State Highway Dept. Near Stockley. Drilled observation water-table well in sand of Pleistocene age, diam 4 in, depth 49 ft, cased 0-46, screened 46-49. Lsd about 50 ft above ms1. MP top of casing, 3.00 ft above lsd. Highest water level 7.15 below lsd, Dec. 25, 1972; lowest 11.46 below lsd, Oct. 20, 1970. Records available: 1970-72.

Water level at noon, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.27	8.53	8.03	8.34	9.22	9.21	10.00	10.60	11.24	10.99	10.73
10	8.10	8.72	8.04	8.73	9.33	9.37	10.16	10.71	11.33	11.01	10.75
15	8.34	8.85	8.03	8.82	9.53	9.54	10.36	10.85	11.46	10.96	10.75
20	8.24	8.93	7.85	8.88	9.53	9.76	10.53	10.95	11.46	10.89	10.54
25	8.20	9.04	8.04	8.92	9.57	9.90	10.27	11.05	11.07	10.80	10.18
Eom	8.39	8.44	8.44	8.26	9.08	9.14	9.83	10.43	11.15	11.05	10.73	9.97

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.45	9.25	8.08	8.81	8.89	8.80	9.77	10.48	10.38	9.89	8.23	....
10	8.78	8.87	8.13	8.11	9.05	8.97	9.95	10.60	10.50	9.84	8.28	....
15	8.79	8.59	8.27	8.17	9.17	9.17	10.13	10.70	9.68	9.74	8.60	....
20	8.94	8.50	8.38	8.34	8.62	9.33	10.28	10.79	9.66	9.78	8.75	....
25	9.12	8.27	8.60	8.56	8.73	9.50	10.42	10.95	9.76	9.13	8.82	....
Eom	9.14	8.20	8.70	8.75	8.76	9.66	10.57	10.31	9.86	8.11	8.84	....

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.39	8.57	8.35	....	7.96	9.05	9.43	....	9.58	7.86
10	8.77	7.72	8.67	8.33	....	8.20	9.25	9.60	....	9.03	7.76
15	8.42	7.91	8.68	8.10	8.83	8.33	9.31	9.70	....	8.70	7.75
20	8.15	8.07	8.72	7.80	8.75	8.38	9.45	....	9.75	8.30	7.75
25	7.88	8.20	8.51	7.86	8.02	8.59	9.62	....	9.74	8.09	7.15
Eom	8.88	7.38	8.40	8.55	8.11	7.78	8.87	9.70	....	9.64	7.88	7.42

383138N0752602.1. Local number Qe44-1. State Highway Dept. Near Whaleys Crossroads. Bored observation water-table well in sand of Pleistocene age, diam 1 in, depth 25 ft, well point 22-25. Lsd about 50 ft above ms1. MP top of casing, at lsd. Highest water level 4.99 below lsd, Mar. 20, 1963; lowest 12.18 below lsd, Oct. 16, 1962, Sept. 8, 1964. Records available: 1959-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 20, 1968	6.78	Feb. 14, 1969	7.72	Apr. 21, 1970	5.24	Dec. 6, 1971	6.28
Mar. 27	5.54	28	6.67	Sept. 22	10.82	Jan. 3, 1972	6.86
Apr. 26	7.09	Apr. 4	6.46	Oct. 19	11.38	Feb. 7	5.72
May 7	7.67	May 7	7.10	Nov. 24	8.86	Mar. 13	5.74
June 6	6.56	June 11	9.39	Jan. 11, 1971	5.82	Apr. 11	6.04
July 13	8.09	July 23	9.09	Feb. 11	5.52	May 17	5.36
Aug. 19	9.91	Aug. 24	5.80	Mar. 22	6.05	June 5	6.43
Oct. 4	11.59	Oct. 6	9.26	Apr. 27	6.96	July 12	6.16
Nov. 15	11.75	Nov. 6	9.95	May 5	6.53	Sept. 12	8.83
Dec. 20	11.36	Dec. 16	7.05	June 14	7.30	Oct. 11	7.61
Jan. 2, 1969	11.89	Jan. 28, 1970	5.66	July 26	9.67	Nov. 20	5.49
22	9.87	Mar. 20	6.49	Oct. 26	5.28	Dec. 5	5.50
Feb. 3	8.25	23	6.09				

INDIANA

The observation-well program in Indiana was continued during the period 1968 through 1972 in cooperation with the Indiana Department of Natural Resources, Division of Water 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 numbers are designated by abbreviations derived from county names and by serial numbers. For example, Ma 10 is observation well 10 in Marion 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.

Allen County

410847N0845703.1. Local number A1 6. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel, diam 6 in, depth 84 ft, cased to 83, screened. Lsd about 760 ft above msl. MF top of casing, 2.50 ft above lsd. Highest water level 8.20 below lsd, May 1, 1970; lowest 14.25 below lsd, Oct. 17, 20, 1971. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	9.18	10.44	.....	.....	h9.04	.....	11.08	11.39	11.50	.....	.....
10	h8.95	9.18	10.57	.....	.....	.....	.....	11.20	11.47	.....	.....	.....
15	9.06	9.18	10.71	.....	.....	9.91	10.33	11.33	11.60	.....	.....	.....
20	9.16	e9.71	9.62	.....	.....	10.24	10.43	10.67	11.26	.....	.....	.....
25	9.15	10.24	8.92	.....	.....	10.10	10.64	10.88	11.25	.....	.....	.....
Eom	9.14	10.23	8.92	h10.25	.....	.....	10.89	11.28	11.40	11.89	.....	.....
1969												
5	.....	h8.86	10.50	9.03	9.77	9.75	.....	.....	12.44	12.49	10.90	9.83
10	.....	9.43	10.57	8.90	9.65	9.77	.....	.....	12.42	12.45	10.83	10.00
15	.....	9.88	10.73	9.51	9.72	9.64	.....	.....	12.48	10.98	10.85	10.22
20	.....	10.18	10.70	9.54	9.65	h9.80	.....	.....	12.35	10.92	8.97	10.42
25	.....	10.33	9.55	9.68	9.76	9.94	.....	.....	12.32	11.04	8.86	10.60
Eom	.....	10.40	9.04	9.52	9.75	.....	.....	12.26	12.40	11.25	9.26	10.74
1970												
5	10.93	.....	10.04	9.17	8.85	10.54	11.53	12.26	13.30	13.25	h12.73	11.55
10	11.04	.....	9.78	9.62	9.65	10.84	11.74	12.40	13.40	13.30	12.70	11.55
15	11.14	.....	10.07	9.49	9.15	11.12	11.92	12.63	13.40	13.05	12.75	11.40
20	h11.18	.....	10.28	8.56	9.27	11.28	11.99	12.70	13.35	12.90	12.60	10.85
25	.....	10.53	9.79	8.58	9.80	11.40	12.10	12.95	13.30	12.85	12.50	10.65
Eom	.....	10.64	9.31	8.25	10.36	10.52	12.14	13.24	13.15	12.85	12.00	10.80
1971												
5	10.90	11.35	10.55	10.35	11.20	9.65	11.80	12.95	13.85	14.00	13.70	13.85
10	11.00	11.40	10.60	10.60	9.85	10.15	12.00	13.10	13.90	14.00	13.70	13.30
15	11.15	11.45	9.80	10.75	10.10	10.55	12.20	13.30	13.95	14.05	13.70	12.25
20	11.30	11.05	9.40	10.90	10.50	10.95	12.40	13.45	13.90	14.10	13.75	12.20
25	11.35	10.25	9.60	11.00	10.20	11.20	12.60	13.65	14.00	13.65	13.85	12.15
Eom	11.50	10.45	10.00	11.20	10.30	11.55	12.75	13.85	14.00	13.65	13.80	11.85
1972												
5	11.50	11.15	11.50	10.05	9.75	10.95	11.15	12.05	12.30	9.25	9.30	9.25
10	11.40	11.35	11.55	9.40	10.10	10.95	11.40	12.05	12.50	9.70	9.00	9.35
15	11.40	11.35	10.55	9.40	10.20	10.30	11.50	12.20	10.40	9.70	8.25	9.20
20	11.30	11.50	10.10	9.05	10.50	10.10	11.55	12.10	10.95	10.15	8.75	9.45
25	11.05	11.55	10.00	8.85	10.70	10.45	11.65	12.00	10.30	10.00	9.15	9.25
Eom	10.95	11.60	9.90	9.50	10.65	10.85	11.90	12.20	9.00	9.90	9.45	8.80

e Estimated.

h Tape measurement.

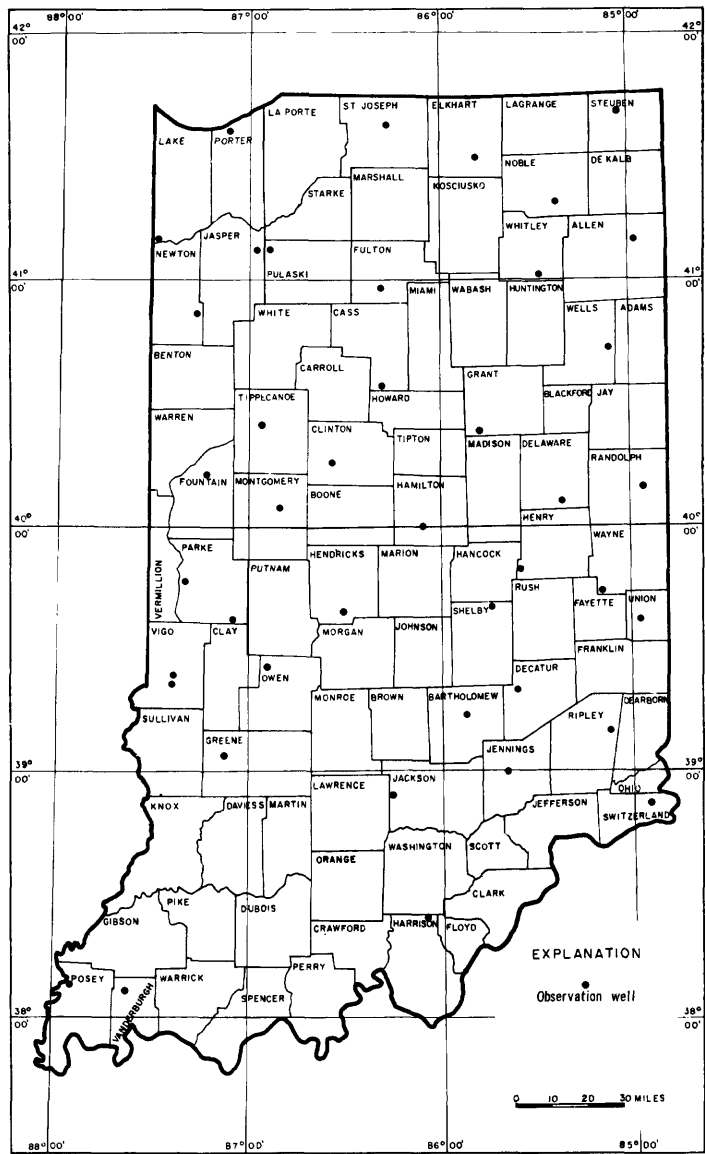


Figure 4.--Location of observation wells in Indiana, 1968-72.

Bartholomew County

391627N0855344.1. Local number Ba 4. City of Columbus. North side of Bakalar Air Force Base by cemetery. Drilled observation artesian well in sand and gravel, diam 6 in, depth 93 ft, cased to 90, screened. Lsd about 656 ft above msl. MP top of shelter floor at rear of recorder, 2.55 ft above lsd. Highest water level 15.11 below lsd, June 11, 1968; lowest 21.50 below lsd, Dec. 15, 1971. Records available: 1965-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.79	18.55	18.00	18.26	17.72	15.31	15.49	15.74	16.16	17.09	17.92	18.34
10	18.68	18.34	18.08	18.13	17.80	15.13	15.60	15.68	16.31	17.22	18.04	18.35
15	18.62	18.14	18.19	17.96	17.79	15.16	15.75	15.70	16.47	17.36	18.16	18.37
20	18.66	18.02	18.26	17.82	17.77	15.25	15.95	15.79	16.63	17.50	18.27	18.40
25	18.65	17.98	18.32	17.75	17.09	15.29	15.86	15.90	16.78	17.63	18.33	18.47
Eom	18.62	17.97	18.27	17.69	15.88	15.41	15.78	16.04	16.94	17.80	18.38	18.46
1969												
5	18.30	16.44	16.02	16.83	16.97	16.75	17.09	e16.61	e17.09	17.78	18.39	18.66
10	18.24	15.98	16.13	16.94	16.95	16.81	17.10	e16.64	17.23	17.88	18.49	18.69
15	18.20	15.82	16.27	17.04	17.06	16.90	17.16	e16.70	17.35	18.00	18.57	18.69
20	18.01	15.82	16.38	17.14	17.10	16.97	17.24	e16.72	e17.46	18.10	18.66	18.72
25	17.84	15.86	16.51	17.08	16.93	17.03	16.96	e16.83	17.57	18.20	18.68	18.72
Eom	17.49	15.91	16.74	17.02	16.77	17.07	e16.71	e16.97	17.67	18.31	18.62	18.81
1970												
5	18.87	18.81	18.47	17.90	16.44	16.70	17.49	18.26	18.85	19.34	19.67	19.88
10	18.84	18.67	18.43	17.30	16.27	16.84	17.62	18.36	.....	19.41	19.71	19.90
15	18.89	18.59	18.36	17.04	16.25	16.97	17.75	18.58	.....	19.49	19.76	19.93
20	18.95	18.54	18.27	16.95	16.35	17.09	17.87	18.60	.....	19.54	19.80	19.96
25	19.00	18.48	18.18	16.89	16.42	17.28	18.00	18.68	.....	19.57	19.83	19.95
Eom	18.91	18.48	18.14	16.73	16.58	17.38	18.14	18.77	19.26	19.62	19.85	19.91
1971												
5	19.90	19.50	17.89	17.67	18.04	18.34	18.60	18.97	19.48	19.87	20.20	20.47
10	19.83	19.35	17.77	17.72	18.13	18.39	18.65	19.01	19.56	19.93	20.24	e21.51
15	19.75	19.17	17.69	17.74	18.15	18.44	18.71	19.12	19.63	h20.00	20.29	21.50
20	19.64	18.67	17.67	17.79	18.18	18.49	18.77	19.20	.....	.....	20.34	e20.42
25	19.59	18.29	17.65	17.87	18.22	18.52	18.83	19.29	19.77	20.10	20.37	20.32
Eom	19.58	18.13	17.63	17.96	18.29	18.57	18.89	19.39	.....	20.18	20.42	e20.25
1972												
5	20.21	20.00	19.92	19.47	17.65	17.60	e17.83	18.35	19.01	19.55	19.90	19.24
10	20.14	20.01	19.86	19.40	17.52	17.64	e17.92	18.47	19.11	19.59	19.85	19.18
15	20.10	20.00	19.76	19.29	17.48	17.69	e18.00	18.57	19.20	19.65	19.78	19.04
20	20.04	19.99	19.67	18.98	17.48	17.67	e18.08	18.66	19.30	19.71	19.68	e18.80
25	20.02	19.96	19.58	18.23	17.47	17.70	e18.16	18.77	19.38	19.78	19.48	e18.54
Eom	20.01	19.94	19.50	17.84	17.53	17.75	e18.26	18.89	19.47	19.85	19.35	e18.30

e Estimated.

h Tape measurement.

Cass County

403407N0861757.1. Local number Cs 3. U.S. Geol. Survey. Drilled observation artesian well in dolomitic limestone, diam 6 in, depth 130 ft, cased to 78. Lsd about 780 ft above msl. MP top of shelter floor, 2.65 ft above lsd. Highest water level 3.85 below lsd, Feb. 2, 1968; lowest 7.10 below lsd, Sept. 10, 1972. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.00	5.57	5.89	5.89	6.02	5.93	6.04	6.18	6.23	....	6.36	6.00
10	6.01	5.67	5.94	5.94	6.07	5.94	6.05	5.93	....	....	6.28	6.11
15	5.92	5.71	6.02	5.92	5.92	5.97	6.12	6.21	....	....	5.97	6.10
20	6.01	5.74	6.02	5.86	5.99	5.99	6.12	6.22	....	....	6.27	6.04
25	5.99	5.88	5.99	5.93	5.88	5.91	6.10	6.21	....	6.35	6.22	6.07
Eom	4.46	5.88	5.90	5.96	5.93	6.01	6.25	6.24	....	6.36	6.20	5.94
1969												
5	5.92	5.78	5.98	4.60	5.83	5.97	6.10	6.14	6.21	6.26	6.01	5.83
10	5.99	5.76	5.99	5.77	5.70	6.01	6.05	6.02	6.26	6.19	5.97	5.75
15	5.96	5.82	6.04	5.79	5.85	6.02	6.09	6.14	6.27	5.91	5.95	5.82
20	5.94	5.91	5.95	5.76	5.88	6.06	5.59	6.18	6.25	6.08	4.71	5.80
25	5.98	5.91	5.60	5.78	5.91	6.06	5.25	6.18	6.23	6.09	5.84	5.84
Eom	4.60	5.94	5.98	5.79	5.94	6.10	6.12	6.24	6.25	6.00	5.73	5.86
1970												
5	5.92	6.08	6.04	5.84	5.72	5.76	....	6.21	6.32	6.37	6.33	6.15
10	5.99	6.01	6.00	5.88	5.78	5.88	....	6.20	6.33	6.34	6.24	6.13
15	5.99	6.01	5.99	5.89	5.05	....	....	6.24	6.31	6.38	6.26	6.11
20	5.99	6.01	5.93	4.06	5.69	....	....	6.24	6.35	6.32	6.12	6.13
25	5.96	6.02	5.68	5.25	5.63	....	6.16	6.27	6.39	6.33	6.17	6.05
Eom	6.07	6.09	5.93	5.71	5.76	....	6.17	6.33	6.30	6.32	6.19	6.10
1971												
5	6.12	6.05	6.12	6.03	6.03	6.07	6.13	6.15	6.26	6.25	6.26	6.34
10	6.10	6.18	6.06	6.04	6.12	6.01	6.14	6.22	6.31	6.25	6.25	5.75
15	6.19	6.20	5.72	6.00	6.08	6.04	6.17	6.28	6.30	6.27	6.29	5.18
20	6.13	6.12	6.02	6.04	6.10	6.05	6.18	6.28	6.24	6.30	6.19	5.84
25	6.09	6.14	6.02	6.03	5.15	6.04	6.13	6.30	6.27	6.27	6.36	5.80
Eom	6.17	6.17	5.97	6.08	6.06	6.13	6.17	6.31	6.27	6.27	6.20	5.60

403407N0861757.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.72	5.92	5.70	5.75	5.44	5.86	6.08	6.52	6.97	....	....	5.80
10	5.97	5.76	5.76	5.33	5.46	5.83	5.96	6.63	7.10	....	....	5.88
15	5.92	5.84	5.89	5.55	5.39	5.03	5.91	6.69	6.91	....	....	5.76
20	5.88	6.00	5.85	5.35	5.62	5.76	6.03	6.74	6.89	....	....	5.78
25	5.71	5.92	5.78	5.38	5.76	5.82	6.44	6.80	....	....	....	5.90
Eom	5.90	5.92	5.75	5.38	5.73	5.86	6.38	6.95	....	....	....	4.64

Clinton County

401717N0863000.1. Local number Ct 4. City of Frankfort. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 12 in, depth 230 ft, cased with screen. Lsd 842.95 ft above msl. MP top of 13/16-in board, 0.50 ft above lsd. Highest water level 10.21 below lsd, Mar. 3, 1969; lowest 42.60 below lsd, Aug. 11, 1949. Records available: 1949-71. Measurement discontinued Sept. 15, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.78	17.26	15.22	....	12.70	12.45	12.29	....	18.49	17.99	15.42	14.25
10	17.79	17.40	15.13	....	11.44	12.78	12.86	....	18.89	16.91	14.92	13.92
15	17.06	17.44	16.08	....	11.05	12.84	13.32	....	19.27	16.28	14.14	13.43
20	17.04	16.90	15.85	....	10.99	13.49	14.13	....	18.75	16.84	13.76	12.94
25	16.94	17.88	15.49	....	11.52	12.60	14.83	17.11	18.32	17.16	13.28	12.93
Eom	17.13	17.30	....	....	11.88	12.18	....	18.06	18.12	16.17	14.26	12.29
1969												
5	11.81	11.38	10.60	12.16	11.12	11.04	13.20	13.90	17.77	17.89	12.94	13.42
10	13.10	11.02	10.91	11.87	12.30	10.89	14.07	13.25	17.87	17.00	12.31	13.36
15	12.37	10.92	11.81	11.00	12.35	11.09	13.92	14.45	20.71	15.48	12.38	12.86
20	12.04	10.67	12.12	11.23	11.90	13.06	13.07	14.27	19.90	14.22	12.45	12.92
25	13.42	10.55	11.51	12.02	12.36	13.04	13.94	15.76	19.37	13.78	12.15	11.92
Eom	12.47	10.38	11.07	11.64	11.38	12.68	14.87	17.45	18.14	13.31	11.88	11.57
1970												
5	11.54	13.84	13.60	12.77	11.84	11.68	14.00	14.86	16.50	17.41	14.22	18.45
10	11.47	13.07	12.60	13.19	11.54	12.79	14.97	13.85	17.18	16.70	13.87	17.89
15	11.06	13.32	12.31	13.10	12.46	13.04	15.18	14.93	17.80	15.86	14.13	16.33
20	11.93	13.17	12.14	11.54	12.57	14.34	15.28	14.79	18.11	14.75	15.73	16.39
25	12.95	12.58	12.55	12.23	12.63	14.51	16.60	15.32	18.19	13.71	16.23	14.62
Eom	13.38	12.62	12.86	12.41	11.54	14.30	15.06	16.17	18.17	13.35	17.95	13.52
1971												
5	13.34	13.53	13.05	12.93	....	....	....	12.15	18.19	....	....	....
10	14.87	14.60	13.94	....	....	11.27	....	11.92	18.68	....	....	....
15	15.16	14.18	13.01	....	....	11.17	13.03	14.13	19.45	....	....	....
20	14.51	13.77	....	....	....	....	12.35	15.62	....	....	....	....
25	13.59	14.66	12.75	....	....	....	11.88	16.42	....	....	....	....
Eom	14.28	14.02	12.86	....	....	....	12.56	18.30	....	....	....	....

Decatur County

392022N0853718.1. Local number Dc 2. U.S. Geol. Survey. Drilled observation artesian well in brown limestone, diam 6 in, depth 49 ft, casing information not available. Lsd about 850 ft above msl. MP top of collar welded on casing, 3.35 ft above lsd. Highest water level 0.16 below lsd, Apr. 2, 1970; lowest 9.17 below lsd, Oct. 16, 1967. Records available: 1966-71. Measurement discontinued Sept. 15, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.15	1.05	6.05	0.75	5.50	2.15	4.50	....	....	7.90	8.15	3.80
10	4.75	2.40	6.40	2.00	6.00	3.95	5.25	....	....	7.95	8.15	4.70
15	5.35	3.95	6.60	2.90	3.20	4.65	5.90	....	....	8.05	8.15	5.35
20	5.85	4.55	4.20	3.70	3.05	5.25	....	....	....	8.05	7.85	5.80
25	4.80	5.25	.90	4.35	.60	.65	....	....	....	8.10	7.35	4.05
Eom	1.00	5.65	.65	4.80	1.05	3.35	....	....	....	8.10	6.10	1.60
1969												
5	3.70	0.65	5.30	6.30	4.70	4.75	....	5.40	6.60	7.95	7.82	5.94
10	4.45	1.20	5.75	6.00	4.50	5.00	6.00	6.10	7.10	7.95	7.84	5.13
15	5.10	3.10	6.10	4.85	5.10	....	6.00	6.50	7.48	7.80	7.82	5.46
20	1.25	4.05	6.40	1.05	.60	....	2.40	6.85	7.68	7.80	4.60	5.88
25	1.25	4.50	6.55	2.85	2.15	....	2.55	7.05	7.80	7.80	4.81	6.21
Eom	1.50	4.80	6.30	4.05	4.05	....	4.65	7.40	7.87	7.90	5.41	6.41
1970												
5	6.40	2.04	0.62	1.13	3.36	6.54	7.60	8.41	8.78	8.92	8.77	8.37
10	6.48	1.89	2.15	2.94	4.18	6.74	7.72	8.50	8.84	8.99	8.79	8.44
15	6.60	3.42	3.75	4.04	4.75	6.95	7.86	8.59	8.88	8.63	8.76	8.50
20	6.59	3.82	3.02	4.35	5.30	7.12	8.03	8.58	8.89	8.65	8.52	8.08
25	6.59	4.36	3.63	.96	5.78	7.30	8.15	8.58	8.92	8.69	8.20	7.14
Eom	1.48	4.69	3.81	1.27	6.27	7.44	8.27	8.73	8.81	8.73	8.26	7.49

392022N0853718.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.94	4.99	2.84	5.18	6.95	6.89	6.53	7.53	8.25	....	....	....
10	6.58	5.72	3.13	5.63	5.63	7.05	7.02	7.83	8.36	....	....	....
15	6.85	4.75	2.28	6.00	5.91	6.43	7.31	8.04	8.41	....	....	....
20	7.03	1.33	3.47	6.33	6.27	5.65	7.59	8.19	....	....	....	....
25	7.18	1.37	3.99	6.57	6.48	6.09	7.78	8.33	....	....	....	....
Eom	7.36	1.43	4.70	6.79	6.74	6.02	7.04	8.41	....	....	....	....

Delaware County

400541N0852137.1. Local number Dw 4. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel, diam 6 in, depth 91 ft, cased to 89, screened 89-91. Lsd about 1,010 ft above msl. MP top of shelter floor, 3.40 ft above lsd. Highest water level 44.97 below lsd, May 24, 1968; lowest 49.50 below lsd, Oct. 13, 14, 1966. Records available: 1966-71. Measurement discontinued Oct. 6, 1971.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	48.83	46.88	48.76	48.82	48.69	47.34	48.64	48.74	48.89	49.09	49.14	48.82
10	48.90	47.62	48.82	48.01	48.74	47.88	48.74	48.15	48.94	49.09	49.13	48.90
15	48.97	48.12	48.85	48.25	48.53	48.23	48.16	48.44	48.98	49.10	49.13	48.96
20	49.04	48.41	48.70	48.42	48.55	48.40	48.55	48.60	49.01	49.12	48.95	48.99
25	48.90	48.62	48.35	48.53	45.75	48.37	48.70	48.74	49.04	49.13	48.98	48.94
Eom	47.83	48.69	48.32	48.62	46.67	48.54	48.80	48.84	49.07	49.21	48.91	48.26

1969

5	48.50	47.18	48.58	48.38	48.26	48.46	48.04	48.56	....	....	48.80	48.40
10	48.68	47.07	48.66	48.28	48.32	48.54	47.93	47.68	....	48.85	48.82	48.42
15	48.82	47.72	48.72	48.43	48.39	47.97	48.23	48.19	....	48.58	48.84	48.49
20	47.63	48.14	48.75	47.24	47.94	48.19	47.98	48.41	....	48.63	47.94	48.59
25	47.98	48.38	48.72	47.59	48.14	46.92	48.33	48.56	....	48.73	47.93	48.66
Eom	46.46	48.47	48.65	48.00	48.35	47.70	48.45	48.67	....	48.79	48.20	48.73

1970

5	48.76	47.59	47.51	47.53	47.63	48.14	48.64	48.85	49.02	49.09	49.06	49.08
10	48.78	47.67	47.65	47.85	47.93	48.22	48.66	48.88	49.04	49.09	49.09	49.11
15	48.82	47.86	47.92	48.10	48.01	48.34	48.73	48.93	49.05	49.00	49.08	49.06
20	48.82	47.75	48.01	47.73	48.08	48.46	48.75	48.67	49.05	49.04	49.05	49.03
25	48.87	47.95	48.04	46.70	48.21	48.50	48.79	48.90	49.07	49.06	49.04	48.93
Eom	47.54	48.08	47.81	47.15	48.37	48.58	48.82	48.99	49.06	49.08	49.07	48.99

1971

5	48.76	47.48	48.07	48.68	48.91	48.77	48.99	49.14	49.25	48.95	....	....
10	48.85	48.50	48.31	48.80	48.58	48.82	48.98	49.16	48.82	....	....	....
15	48.94	48.59	48.04	48.84	48.57	48.87	49.02	49.17	48.94	....	....	....
20	48.03	46.79	48.15	48.89	48.73	48.68	49.05	49.20	48.99	....	....	....
25	49.09	47.45	48.38	48.93	48.66	48.81	49.05	49.23	48.91	....	....	....
Eom	49.09	47.34	48.57	48.98	48.74	48.93	49.10	49.26	48.88	....	....	....

Elkhart County

413121N0854813.1. Local number Eh 4. U.S. Geol. Survey. Goshen Municipal Airport. Drilled observation water-table well in sand and gravel, diam 6 in, depth 62 ft, cased to 61, screened. Lsd about 815 ft above msl. MP top of shelter floor, 2.60 ft above lsd. Highest water level 12.80 below lsd, July 5, 7-9, 1968; lowest 16.18 below lsd, Dec. 1-5, 1971. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.45	13.10	13.12	13.33	13.17	13.59	12.80	13.55	14.08	....	....	....
10	13.42	12.89	13.22	12.96	13.28	13.64	12.81	13.68	14.15	....	....	....
15	13.40	12.82	13.31	12.87	13.36	13.71	12.96	13.81	14.23	....	14.89	....
20	13.54	12.84	13.33	12.86	13.43	13.79	13.14	13.83	14.30	....	....	14.67
25	13.64	12.98	13.38	12.96	13.50	13.35	13.27	13.91	14.35	....	....	14.69
Eom	13.36	13.04	13.40	13.06	13.56	12.90	13.44	14.01	14.42	....	....	14.48

1969

5	14.19	13.09	13.52	13.91	12.88	13.24	13.64	13.70	14.31	14.62	14.82	14.59
10	14.02	13.08	13.61	13.89	12.92	13.29	13.54	13.76	14.34	14.63	14.86	14.56
15	13.97	13.19	13.71	13.87	13.02	13.36	13.61	13.85	14.40	14.64	14.90	14.60
20	13.82	13.29	13.77	13.62	13.07	13.44	13.63	13.98	14.47	14.69	14.90	14.65
25	13.77	13.37	13.84	13.01	13.12	13.51	13.69	14.17	14.53	14.75	14.79	14.70
Eom	13.23	13.43	13.90	12.88	13.18	13.58	13.62	14.33	14.57	14.80	14.65	14.76

1970

5	14.83	14.75	14.83	14.62	13.29	13.28	13.53	13.91	14.49	14.39	14.42	14.27
10	14.86	14.76	14.80	14.22	13.28	13.29	13.62	14.02	14.53	14.39	14.42	14.22
15	14.89	14.82	14.81	13.97	13.31	13.34	13.72	14.13	14.57	14.40	14.42	14.15
20	14.92	14.89	14.84	13.84	13.36	13.41	13.81	14.26	14.56	14.41	14.20	14.12
25	14.95	14.90	14.87	13.62	13.33	13.46	13.91	14.36	14.50	14.44	....	14.10
Eom	14.76	14.94	14.84	13.37	13.31	13.44	13.87	14.46	14.42	14.46	....	14.15

413121N0854813.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.19	14.40	13.67	13.83	14.14	14.39	14.79	15.55	15.78	15.93	16.02	16.18
10	14.24	14.13	13.75	13.88	14.16	14.45	14.87	15.68	15.79	15.95	16.05	16.17
15	14.32	14.08	13.61	13.91	14.19	14.49	14.96	15.74	15.83	15.97	16.08	16.15
20	14.36	13.93	13.63	13.98	14.24	14.55	15.22	15.81	15.87	16.00	16.11	16.14
25	14.41	13.78	13.72	14.03	14.27	14.60	15.35	15.78	15.89	15.98	16.15	16.12
Eom	14.49	13.68	13.75	14.09	14.35	14.69	15.46	15.76	15.91	16.00	16.16	e16.05

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e15.90	e15.52	15.39	15.00	e14.20	.....	14.25	14.76	15.10	e14.70	14.08	13.40
10	e15.80	e15.50	15.38	14.95	e14.10	.....	14.35	14.83	15.15	e14.60	13.97	13.44
15	e15.70	e15.47	15.26	14.90	.....	.....	14.50	14.89	15.10	14.49	13.85	13.40
20	e15.60	e15.45	15.24	14.80	.....	.....	14.55	14.93	15.10	14.46	13.68	13.40
25	e15.55	e15.42	15.13	14.50	.....	.....	14.60	15.00	14.95	14.34	13.44	13.35
Eom	e15.45	e15.40	15.06	14.35	.....	14.25	14.70	15.05	e14.85	14.20	13.41	13.20

e Estimated.

Fountain County

400900N0871910.1. Local number Fo 2. U.S. Geol. Survey. Drilled observation artesian well in Pennsylvanian fine-grained sandstone, diam 6 in, depth 125 ft, cased 0-27. Lsd 642.38 ft above mal. MP top of recorder platform, 2.60 ft above lsd. Highest water level 0.98 below lsd, Feb. 2, 3, 1968; lowest 7.00 below lsd, Oct. 17, 1970. Records available: 1967-71. Measurement discontinued Sept. 29, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.16	1.02	2.68	2.31	3.01	1.91	2.43	2.29	3.97	5.06	5.46	3.77
10	2.43	1.14	2.85	2.26	3.09	2.15	2.51	2.28	4.25	5.15	5.51	3.81
15	2.43	1.64	2.98	2.38	2.98	2.15	2.80	2.64	4.46	5.20	5.43	3.82
20	2.75	1.96	2.66	2.48	3.00	2.06	3.04	2.93	4.67	5.28	4.82	3.81
25	2.41	2.39	2.44	2.62	2.24	2.07	3.23	3.38	4.81	5.35	4.57	3.77
Eom	1.41	2.53	2.47	2.78	1.82	2.19	3.05	3.62	4.93	5.42	4.13	3.04

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.85	2.01	2.65	2.43	2.42	3.07	3.69	4.53	5.84	6.20	3.31	2.66
10	3.06	1.63	2.68	2.14	2.47	3.12	3.76	4.40	6.06	5.89	3.28	2.66
15	3.25	1.87	2.86	2.04	2.66	3.22	3.66	4.54	6.23	4.28	3.37	2.80
20	3.06	2.24	2.83	1.88	2.73	3.31	3.89	4.88	6.04	3.86	2.69	2.97
25	2.97	2.42	2.68	1.99	2.86	3.43	4.00	5.27	6.01	3.90	2.41	3.03
Eom	2.06	2.48	2.60	2.21	2.99	3.61	4.27	5.64	6.09	3.75	2.40	3.13

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.31	2.96	3.32	2.27	1.43	1.85	3.03	4.32	6.07	6.83	6.59	6.21
10	3.41	2.96	3.22	2.31	1.81	2.09	3.44	4.62	6.26	6.81	6.51	6.10
15	3.47	3.08	3.28	2.43	1.78	2.31	3.41	.....	6.41	6.89	6.51	6.08
20	3.55	3.28	3.29	1.61	2.05	2.59	3.54	e5.28	6.60	6.84	6.30	6.09
25	3.54	3.27	3.16	1.14	1.64	2.65	3.84	5.50	6.67	6.83	6.30	5.93
Eom	3.10	3.40	2.73	1.12	1.89	2.88	4.02	5.86	6.71	6.80	6.20	5.94

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.83	5.62	5.03	4.04	4.31	3.96	4.35	.....	5.79	.....	.....	.....
10	5.74	5.81	4.77	4.15	4.04	4.07	3.94	.....	5.84	.....	.....	.....
15	5.83	5.79	4.34	4.13	3.51	4.18	.....	.....	5.86	.....	.....	.....
20	5.78	5.58	4.02	4.15	3.58	4.25	.....	5.11	5.96	.....	.....	.....
25	5.73	5.39	3.84	4.21	3.54	4.21	.....	5.35	5.98	.....	.....	.....
Eom	5.86	5.18	3.88	4.35	3.75	4.35	.....	5.59	5.98	.....	.....	.....

e Estimated.

Fulton County

405829N0861758.1. Local number Fu 7. U.S. Geol. Survey. Drilled observation artesian well in medium-grained sand and gravel, diam 6 in, depth 102 ft, cased to 100, screened 100-102. Lsd about 780 ft above mal. MP top of shelter floor, 2.50 ft above lsd. Highest water level 6.60 below lsd, Apr. 24-26, 1970; lowest 11.16 below lsd, Oct. 12-15, 1967. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	h7.15	8.08	7.61	7.88	8.81	9.25	.....	10.21	8.56
10	7.97	.....	.....	7.10	8.29	7.84	8.14	8.76	.....	.....	10.15	8.87
15	8.08	6.97	8.48	7.35	8.30	8.12	8.42	8.94	.....	.....	10.01	8.93
20	8.36	7.41	8.09	7.50	7.90	8.34	8.63	8.72	.....	.....	9.37	8.92
25	8.27	7.83	7.86	7.62	.....	8.12	8.76	8.84	.....	h10.05	9.21	8.74
Eom	.....	.....	.....	7.85	.....	7.69	.....	9.10	.....	10.16	8.89	8.17

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.33	7.86	8.79	7.69	7.65	7.94	8.23	8.42	9.68	10.27	9.63	8.43
10	8.57	8.05	8.81	7.42	7.39	8.05	8.22	8.65	9.84	10.26	9.58	8.40
15	8.83	8.30	8.96	7.45	7.02	7.83	8.25	8.89	9.99	9.91	9.54	8.51
20	8.65	8.53	8.92	7.41	7.13	7.67	8.40	9.06	10.01	9.82	8.75	8.18
25	8.54	8.62	8.55	7.48	7.43	7.83	8.47	9.29	10.10	9.93	8.28	8.81
Eom	7.96	8.68	8.06	7.53	7.79	8.08	8.29	9.54	10.17	9.89	8.22	8.95

405829N0861758.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.12	8.75	9.08	7.53	7.11	7.97	9.22	9.70	10.40	8.95	8.65	8.10
10	9.25	8.83	8.86	7.57	7.45	8.20	9.36	9.81	10.25	9.00	8.50	8.30
15	9.33	8.98	8.89	7.79	6.92	8.42	9.64	10.01	10.10	9.00	8.55	8.45
20	9.43	9.10	8.95	6.98	6.93	8.62	9.55	10.09	9.55	9.00	8.50	8.55
25	9.43	9.11	8.71	6.60	7.34	8.80	9.55	10.19	9.05	9.00	8.60	8.65
Eom	8.90	9.21	8.19	6.76	7.78	9.02	9.61	10.38	8.85	9.05	8.25	8.85
1971												
5	8.95	9.58	9.50	8.87	e9.52	e9.52	9.60	10.41	11.05	10.55	10.45	10.70
10	9.10	9.61	....	8.96	e9.57	e9.49	9.75	10.50	10.80	10.55	10.55	10.15
15	9.30	9.71	....	9.05	e9.64	e9.46	9.60	10.65	10.80	10.60	10.55	9.35
20	9.45	9.62	8.75	9.16	e9.70	e9.44	9.75	10.78	10.85	10.70	10.55	8.91
25	9.53	9.56	8.72	9.24	e9.76	e9.42	9.90	10.87	10.95	10.50	10.70	8.92
Eom	9.64	9.49	8.77	e9.42	9.82	9.45	10.05	11.02	10.65	10.45	10.65	8.80
1972												
5	8.65	9.06	9.42	8.40	7.60	8.03	8.95	9.72	9.27	7.48	7.45	....
10	....	9.26	9.53	7.88	7.79	8.03	9.07	9.69	9.30	7.74	7.30	7.30
15	....	9.28	9.37	7.65	7.30	....	9.22	9.66	8.55	7.90	7.02	7.50
20	....	9.46	9.27	7.20	7.12	....	9.31	10.11	8.16	8.03	7.16	....
25	8.73	9.50	9.15	7.23	7.50	....	9.33	9.16	7.85	7.60	7.10	....
Eom	8.85	9.54	8.70	7.30	7.93	....	9.54	9.11	7.44	7.61	7.15	7.45
e Estimated.												
h Tape measurement.												

e Estimated.

h Tape measurement.

Grant County

402322N0854819.1. Local number Gt 8. U.S. Geol. Survey. Drilled observation artesian well in limestone, diam 6 in, depth 35 ft, cased to 20. Lsd about 880 ft above msl. MP top of shelter floor, 3.40 ft above lsd. Highest water level 1.61 (tape measurement) below lsd, Mar. 29, 1967; lowest 10.66 below lsd, Oct. 29, 1966. Records available: 1966-70. Measurement discontinued Jan. 1, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	4.45	2.02	4.18	2.61	4.06	5.64	5.82	6.43	6.92	3.76
10	4.55	....	4.60	2.87	4.36	3.41	4.32	4.70	6.02	6.50	6.80	4.46
15	4.40	....	4.78	3.27	4.11	3.95	4.65	4.87	6.28	6.65	6.64	4.60
20	4.78	....	2.88	3.48	4.12	4.24	4.93	4.84	6.36	6.72	....	4.52
25	3.98	....	2.15	3.67	2.94	3.89	5.14	5.28	6.31	6.75	....	....
Eom	....	4.38	2.61	3.93	2.40	3.60	5.38	5.65	6.40	6.95	4.37	2.62
1969												
5	3.44	2.93	3.51	....	3.54	4.07	4.75	5.67	6.83	5.34	3.60	3.66
10	3.93	3.10	3.48	....	3.31	4.29	4.70	5.05	7.02	5.28	3.73	3.02
15	4.34	3.41	3.70	3.05	3.13	4.35	4.88	5.75	7.17	2.68	3.89	3.45
20	3.83	3.77	3.57	1.86	2.95	4.24	5.00	6.11	4.76	3.42	2.00	3.80
25	3.51	3.47	2.93	2.72	3.31	4.47	5.12	6.42	4.82	4.00	2.47	4.10
Eom	2.32	3.40	2.98	3.30	3.76	4.67	5.45	6.72	5.00	4.30	2.90	4.17
1970												
5	4.50	3.53	3.27	2.79	2.97	4.15	4.76	4.87	7.09	6.71	....	4.37
10	....	3.84	3.29	3.27	3.53	4.32	4.54	5.17	7.53	6.65	....	4.58
15	....	....	3.70	3.74	3.09	4.49	4.72	5.57	7.72	5.60	....	4.33
20	....	3.89	3.58	1.86	3.24	4.67	4.77	5.77	7.71	5.38	....	4.40
25	4.60	3.85	3.09	1.74	3.66	4.77	5.01	6.02	7.80	5.40	4.25	3.73
Eom	3.37	4.16	3.05	2.74	4.12	4.92	4.52	6.32	7.43	5.44	4.40	4.21

Greene County

390128N0870626.1. Local number Gr 3. Linton Water Co. Linton. Drilled unused artesian well in sand and gravel, diam 8 in, depth 48 ft, cased, screen setting unknown. Lsd 482.15 ft above msl. MP top of recorder platform, 2.32 ft above lsd. Highest water level 0.54 above lsd, Jan. 30, 1969; lowest 7.21 below lsd, Dec. 18, 1964. Records available: 1959-71. Measurement discontinued Sept. 9, 1971.

Highest water level for the day, above and below lsd, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	-0.10	-1.27	-0.00	-0.86	-0.06	-1.71	-1.95	-2.27	-3.28	-3.53	....
10	....	.01	1.45	.00	1.23	.44	1.76	1.71	2.42	3.27	3.57	....
15	....	.44	1.53	.07	.59	.94	2.14	1.49	2.82	3.49	3.31	....
20	-1.57	.50	.40	.06	.62	1.36	2.11	1.44	2.93	3.46	3.25	....
25	1.26	1.31	.07	.19	.00	1.32	2.23	1.61	3.04	3.42	2.60	....
Eom	.54	1.34	.01	.48	.00	....	2.33	2.02	3.26	3.63	1.59	....
1969												
5	....	....	-0.65	-0.54	-0.61	-0.94	-1.16	1.11	-3.02	-3.99	-1.93	-0.80
10	....	....	.98	.46	.67	1.20	1.41	....	3.33	3.77	1.69	.47
15	....	-0.01	1.31	.35	.78	1.35	....	2.15	3.42	3.24	....	.23
20	-0.69	.61	.89	.12	.46	1.12	....	2.32	2.68	2.81	1.26	.67
25	.53	.52	....	.25	.29	....	....	2.67	....	2.93	.72	....
Eom	....	.37	....	.59	.41	1.02	....	2.96	3.70	2.53	.21	....

390128N0870626.1--Continued.

1970											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	h-0.63	....	0.00	+0.01	....	-0.32	-1.21	-2.08	-2.58	-3.54	-1.95
10	.53	....	+0.07	-.25	....	.14	1.49	1.85	2.80	3.48	1.60
15	.65	....	-.26	-.54	....	.27	1.85	2.16	3.15	3.38	1.65
20	.65	-0.30	.26	+0.07	-0.32	.23	2.00	....	3.20	2.83	.85
25	....	+0.06	.18	-.07	.28	.34	2.59	....	3.26	2.55	.190
Eom	....	-.36	-.23	....	.91	.90	1.97	2.60	3.34	2.43	1.05
1971											
5	-0.65	-0.70	0.00	-1.10	-1.45	-1.05	-2.05	-2.90	-4.00	....	....
10	.35	1.15	+1.0	1.25	1.35	1.15	2.35	2.80	....	....	....
15	.90	.95	+2.25	1.05	1.00	1.05	2.35	3.10	....	....	....
20	.80	.25	-.15	.95	1.25	1.45	2.45	3.30	....	....	....
25	.70	.00	.60	1.25	1.10	1.55	2.40	3.50	....	....	....
Eom	1.20	-.05	.70	1.65	1.00	1.90	2.60	3.90	....	....	....

h Tape measurement.

Hamilton County

400000N0860230.1. Local number Ha 5. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 6 in, depth 85 ft, cased to 80, screened 80-85. Lsd about 760 ft above msl. MP top of shelter floor, 2.76 ft above lsd. Highest water level 8.87 below lsd, Feb. 27, 1971; lowest 11.66 below lsd, Sept. 19, 1966. Records available: 1965-71. Measurement discontinued Sept. 10, 1971.

Highest water level for the day, from recorder graph, 1968											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	....	8.94	9.93	9.40	9.99	9.82	10.04	10.28	10.55	10.74	10.80
10	....	9.20	9.99	9.40	10.06	9.79	10.12	10.21	10.58	10.75	10.66
15	....	9.48	10.07	9.57	10.07	9.78	10.15	10.28	10.63	10.76	10.65
20	10.05	9.62	9.81	9.65	10.12	9.79	10.36	10.27	10.65	10.78	10.46
25	9.82	9.77	9.70	9.79	9.80	9.85	10.34	10.40	10.68	10.79	10.46
Eom	9.37	9.85	9.70	9.89	9.83	9.91	10.42	10.50	10.72	10.81	10.39
1969											
5	9.87	....	10.60	9.78	9.54	10.02	10.08	9.65	10.09	10.06	9.79
10	9.88	....	....	9.61	9.60	10.10	9.56	9.33	10.10	10.10	9.87
15	9.98	9.95	....	9.67	9.73	10.10	9.70	9.53	10.18	9.50	9.92
20	....	10.19	9.88	8.96	9.69	10.14	9.73	9.68	9.77	9.58	9.28
25	....	10.36	9.87	9.12	9.83	9.89	9.58	9.86	9.86	9.73	9.18
Eom	....	10.48	9.98	9.35	9.95	9.96	9.43	9.99	9.98	9.80	9.35
1970											
5	9.95	9.38	9.59	9.79	9.28	9.54	10.12	10.15	10.57	10.71	10.35
10	....	9.44	9.64	9.85	9.45	9.70	10.20	10.26	10.62	10.59	10.36
15	10.08	9.58	9.73	9.90	9.45	9.82	10.27	10.37	10.67	10.45	10.38
20	10.10	9.44	9.72	9.57	9.51	9.92	10.24	10.37	10.67	10.44	10.34
25	10.09	9.53	9.76	9.12	9.64	10.03	10.33	10.43	10.69	10.43	10.34
Eom	9.48	9.64	9.81	9.05	9.74	10.12	10.09	10.52	10.66	10.42	10.35
1971											
5	10.29	10.18	9.21	9.70	10.12	9.84	10.20	10.52	10.86	....	....
10	10.30	10.14	9.35	9.82	9.68	9.73	10.21	10.60	10.73	....	....
15	10.34	10.19	9.28	9.88	9.67	9.70	10.30	10.63	....	....	....
20	10.40	9.41	9.32	9.96	9.82	9.89	10.36	10.69	....	....	....
25	10.45	9.01	9.48	10.04	9.67	10.00	10.40	10.75	....	....	....
Eom	10.50	8.90	9.62	10.06	9.80	10.12	10.45	10.82	....	....	....

Harrison County

382323N0860445.1. Local number Hr 8. U.S. Geol. Survey. Drilled observation artesian well in limestone, diam 6 in, depth 93 ft, cased to 57, open end. Lsd about 824 ft above msl. MP top of recorder shelter floor at front of recorder, 3.08 ft above lsd. Highest water level 1.32 below lsd, Mar. 2, 1970; lowest 19.71 below lsd, Nov. 5, 1966. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	7.80	3.80	10.20	2.10	7.35	4.35	10.55	13.60	14.95	17.05	18.75
10	8.65	4.80	10.80	3.55	8.35	5.75	11.10	13.65	15.35	17.35	19.00
15	9.35	6.25	9.55	4.50	8.45	7.20	11.70	13.60	15.70	17.65	19.20
20	10.35	7.35	8.10	4.65	8.90	8.20	12.20	13.85	15.05	17.90	19.40
25	8.75	8.60	e2.50	5.25	8.45	8.95	12.70	14.20	16.40	18.20	19.60
Eom	4.50	9.30	3.10	6.30	3.40	9.80	13.20	14.65	16.70	18.50	18.90
1969											
5	10.05	3.05	5.60	5.65	6.40	7.60	10.65	13.10	14.15	16.30	18.05
10	10.30	2.55	6.10	6.25	7.30	8.60	11.25	13.35	14.50	16.60	18.30
15	10.80	3.75	6.95	3.90	8.25	8.95	11.55	13.45	14.85	16.90	18.50
20	6.19	4.70	7.60	2.15	3.80	8.20	12.05	13.55	15.20	17.20	18.10
25	4.00	4.95	6.85	3.85	4.60	9.35	12.20	13.50	15.55	17.50	17.75
Eom	1.65	5.10	5.70	5.25	6.25	9.95	12.65	13.85	15.90	17.80	17.75

382323N0860445.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.20	10.43	1.82	2.39	....	4.30	8.98	10.97	8.64	12.27	11.25	9.49
10	13.90	7.51	3.38	3.03	4.48	4.37	9.70	9.10	9.45	12.74	11.56	10.16
15	14.05	6.90	4.03	4.42	4.03	5.50	10.38	8.97	10.31	11.85	11.96	10.65
20	14.06	5.38	2.63	4.82	4.58	6.05	10.95	9.05	10.94	11.51	10.56	8.63
25	14.07	5.68	....	2.51	5.65	7.13	11.55	6.95	11.54	11.00	8.74	4.06
Eom	12.55	6.42	2.78	....	7.12	8.20	11.52	7.83	11.82	11.15	8.95	5.62
1971												
5	3.83	....	3.69	5.45	9.30	9.81	12.71	14.47	16.14	13.73	13.71	15.40
10	4.70	4.66	3.35	5.84	5.28	10.45	13.16	14.49	16.40	14.00	14.04	13.97
15	3.52	4.77	3.37	6.51	5.83	10.95	13.48	14.77	16.17	14.34	14.35	13.15
20	....	2.33	3.96	7.33	6.92	11.38	13.84	15.13	14.78	14.63	14.66	12.63
25	....	2.63	4.52	8.07	7.89	11.77	14.14	15.45	14.11	13.57	15.02	12.44
Eom	....	2.81	5.35	8.70	8.99	12.24	14.51	15.84	13.63	13.46	15.23	11.49
1972												
5	9.88	9.41	2.82	5.36	5.15	....	11.52	14.09	15.60	17.10	17.10	....
10	7.13	9.69	4.00	6.08	3.37	....	12.05	14.13	15.90	17.33	16.26	....
15	6.64	6.89	4.35	....	3.58	....	12.55	14.38	16.17	17.54	14.66	....
20	7.22	5.90	3.35	1.67	4.67	....	13.09	14.72	16.47	17.75	....	....
25	7.65	3.09	4.44	2.22	....	....	13.54	15.09	16.75	17.96	....	....
Eom	8.35	3.53	4.67	4.19	....	10.98	13.86	15.30	16.93	18.17	....	....
e Estimated.												

e Estimated.

Hendricks County

394025N0864008.1. Local number Hd 4. U.S. Geol. Survey. Drilled observation artesian well in Mississippian sandstone, diam 6 in, depth 85 ft, cased 0-70. Lsd 866.4 ft above msl. MP top of collar welded to casing, 2.90 ft above lsd. Highest water level 19.73 below lsd, Apr. 22, 1969; lowest 26.86 below lsd, Nov. 6, 1966. Records available: 1966-71. Measurement discontinued Sept. 17, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	20.18	.....	19.91	.....	.....	.....	22.92	23.79	24.38	24.86	21.93
10	.....	20.06	.....	20.09	.....	.....	.....	22.99	23.95	24.47	24.60	21.89
15	.....	20.59	.....	20.50	.....	21.05	.....	23.10	24.14	24.65	24.42	21.80
20	.....	21.12	.....	20.80	.....	.....	22.48	23.19	24.08	.....	23.77	21.15
25	.....	.....	.....	20.89	20.57	.....	22.73	23.61	24.20	24.70	23.36	21.61
Eom	20.80	.....	20.26	.....	h20.84	.....	22.85	23.66	24.32	24.86	.....	20.77
1969												
5	20.85	.....	20.99	21.06	e20.96	22.07	22.17	.....	22.95	23.27	21.37	20.48
10	.....	.....	21.03	20.47	21.15	22.33	22.13	21.44	23.12	23.31	21.06	20.37
15	.....	20.15	21.19	20.26	21.55	.....	22.18	21.88	23.28	22.24	21.05	20.38
20	.....	20.73	21.22	19.77	21.74	.....	22.15	22.17	23.10	21.73	20.56	20.70
25	.....	20.94	21.22	19.96	21.84	21.87	21.31	22.58	23.07	22.03	20.14	21.04
Eom	.....	20.92	21.31	e20.54	21.97	21.98	.....	22.84	23.17	22.13	20.12	21.40
1970												
5	.....	20.56	20.21	20.37	20.18	21.27	.....	23.40	24.15	25.01	24.37	23.18
10	21.90	20.45	20.05	20.50	20.80	21.58	22.74	23.53	24.41	24.94	24.25	22.93
15	21.95	20.30	20.45	20.82	20.84	21.74	23.15	23.85	24.74	24.80	24.20	22.80
20	22.02	20.53	20.71	20.76	20.41	21.85	23.12	23.95	24.65	24.68	24.08	22.28
25	.....	20.55	20.34	20.08	20.71	22.18	23.35	23.95	24.88	24.70	23.36	21.60
Eom	20.94	20.67	20.27	20.02	21.24	.....	23.46	24.11	24.77	24.63	23.27	21.71
1971												
5	21.73	.....	21.57	20.80	22.12	21.66	22.71	22.49	23.49	.....	.....	.....
10	21.45	.....	21.11	20.94	22.01	21.78	23.00	22.64	23.44	.....	.....	.....
15	21.58	.....	20.62	21.24	21.48	21.92	22.88	22.70	23.51	.....	.....	.....
20	21.90	.....	20.42	21.43	21.40	22.13	22.73	22.91	.....	.....	.....	.....
25	21.80	22.28	20.38	21.57	21.45	22.25	22.60	23.10	.....	.....	.....	.....
Eom	.....	22.06	20.60	21.85	21.54	22.51	22.41	23.31	.....	.....	.....	.....

e Estimated.

h Tape measurement.

Henry County

394949N0853514.1. Local number Hy 3. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 6 in, depth 46 ft, casing information not available. Lsd about 990 ft above msl. MP top of collar, 4.70 ft above lsd. Highest water level 10.02 below lsd, Mar. 21, 1967; lowest 18.41 below lsd, Nov. 28, 1967. Records available: 1966-71. Measurement discontinued Sept. 2, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	12.00	14.50	11.65	14.60	12.20	14.70	15.05	15.00	16.10	16.70	12.47
10	.....	12.40	14.75	13.05	14.70	13.15	14.90	12.65	15.25	16.20	16.67	13.75
15	.....	13.50	15.15	13.50	13.90	13.75	15.60	13.30	15.50	16.34	16.63	13.98
20	14.85	13.80	14.10	13.70	13.85	13.95	15.25	14.00	15.60	16.38	15.20	13.80
25	13.75	14.35	12.60	13.95	11.95	14.05	15.25	14.40	15.75	16.45	13.72	13.00
Eom	11.75	14.35	12.80	14.25	11.85	14.50	15.20	14.80	16.00	16.68	13.11	12.15

394949N0853514.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.23	11.84	.....	.....	13.61	.....	13.75	13.45	15.10	15.95	16.05	11.85
10	.....	.....	.....	.....	13.43	.....	12.60	13.65	15.35	15.95	16.10	13.00
15	.....	.....	14.12	.....	13.66	.....	13.25	14.00	15.55	15.65	15.85	13.35
20	.....	.....	13.99	11.67	13.66	.....	12.50	14.25	15.55	15.75	13.40	13.85
25	.....	.....	13.91	12.48	.....	.....	12.05	14.70	15.60	16.05	12.85	14.03
Eom	11.64	.....	.....	13.25	.....	.....	12.70	14.95	15.80	16.05	12.60	14.10
1970												
5	14.50	12.23	11.38	12.08	12.97	13.65	.....	h15.20	16.29	17.19	17.30	17.03
10	.....	12.05	12.12	12.72	13.34	13.85	.....	15.26	16.45	17.17	17.35	17.03
15	.....	12.49	12.88	13.30	13.14	14.13	.....	15.64	16.68	17.16	17.43	16.69
20	.....	12.54	12.94	12.95	13.90	14.43	.....	15.75	16.75	17.16	17.17	16.23
25	.....	12.78	12.65	11.54	13.99	14.68	.....	15.95	16.92	17.19	17.16	15.39
Eom	12.15	13.10	12.50	12.27	14.41	14.77	.....	16.17	16.95	17.30	17.25	15.69
1971												
5	14.72	15.12	14.32	14.24	15.08	14.10	14.67	15.66	.....	.....	.....	.....
10	14.68	15.58	13.61	14.46	14.25	14.15	14.94	15.79	.....	.....	.....	.....
15	14.99	15.57	12.69	14.51	14.03	13.92	15.12	16.02	.....	.....	.....	.....
20	15.22	15.02	12.68	14.59	14.38	14.27	15.38	16.21	.....	.....	.....	.....
25	15.23	14.74	13.37	14.77	14.02	13.98	15.39	16.31	.....	.....	.....	.....
Eom	15.59	14.16	13.84	15.08	14.10	14.48	15.32	16.47	.....	.....	.....	.....

h Tape measurement.

Jackson County

385628N0861501.1. Local number Jk 2. Ralph Fish. Drilled observation artesian well in rock, diam 6 in, depth 93 ft, casing information not available. Lsd about 884 ft above msl. MP edge of 1-in hole in top of recorder platform, 2.50 ft above lsd. Highest water level 9.02 below lsd, Apr. 2, 1970; lowest 22.21 below lsd, Jan. 25, 1954. Records available: 1944-70. Measurement discontinued Sept. 30, 1970.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.21	11.49	12.27	10.44	10.67	9.67	12.01	13.06	12.07	14.09	15.54	12.60
10	12.36	10.92	12.49	10.49	11.24	9.89	12.18	12.60	12.32	14.21	15.80	12.52
15	12.06	11.17	12.62	10.39	10.57	10.42	12.58	11.87	12.81	14.60	15.97	12.00
20	12.73	11.22	11.83	10.19	10.37	10.86	12.76	11.54	13.01	14.76	15.62	11.44
25	12.25	11.85	11.31	10.17	10.07	11.03	12.99	11.55	13.31	14.96	14.81	11.49
Eom	11.81	11.99	10.69	10.41	9.75	11.50	13.04	11.85	13.79	15.45	14.06	11.05
1969												
5	10.97	10.37	10.54	10.64	10.53	10.51	10.06	10.49	12.57	14.36	13.67	11.57
10	11.23	10.26	10.59	10.37	10.46	10.75	10.41	10.71	12.87	14.45	13.66	10.90
15	11.95	10.22	11.18	10.27	10.77	10.82	10.43	11.30	13.17	14.39	13.50	10.83
20	11.40	10.61	11.04	10.02	10.45	10.42	10.55	11.50	13.56	14.21	13.58	10.87
25	11.19	10.46	10.91	10.03	10.12	10.33	10.12	12.03	13.56	14.14	12.51	10.80
Eom	10.70	10.29	11.44	10.29	10.08	10.23	10.21	12.45	14.02	13.74	11.49	10.60
1970												
5	10.63	10.20	9.68	9.48	9.90	10.11	10.58	12.61	14.26	.....	.....	.....
10	10.48	9.92	9.51	9.61	9.94	9.82	10.95	12.61	14.60	.....	.....	.....
15	10.58	9.81	9.74	9.93	10.19	9.83	11.44	13.09	15.14	.....	.....	.....
20	10.49	9.96	9.76	9.80	10.33	9.64	11.65	13.33	15.31	.....	.....	.....
25	10.22	9.71	9.26	10.09	10.26	9.76	12.25	13.68	15.56	.....	.....	.....
Eom	10.37	9.92	9.57	9.77	10.64	10.27	12.20	14.20	15.78	.....	.....	.....

Jasper County

410809N0875808.1. Local number Jp 7. U.S. Geol. Survey. Drilled observation artesian well in Devonian dolomite, diam 6 in, depth 130 ft, cased to 94. Lsd 698 ft above msl. MP top of platform, 2.85 ft above lsd. Highest water level 7.61 below lsd, Apr. 2, 1970; lowest 9.25 below lsd, Oct. 11, 1967. Records available: 1967-71. Measurement discontinued Sept. 7, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.47	8.37	8.08	8.21	8.29	8.25	8.21	8.27	....	8.48	8.48	8.27
10	8.52	8.10	8.21	8.21	8.20	8.17	8.17	8.27	....	8.60	8.57	8.66
15	8.19	8.13	8.34	8.17	7.85	8.38	8.28	8.31	....	8.50	8.45	8.62
20	8.40	8.10	8.18	7.91	8.22	8.38	8.33	8.25	....	8.49	8.72	8.40
25	8.36	8.40	8.17	8.11	8.12	7.98	8.28	8.27	....	8.53	8.70	8.58
Eom	8.30	8.27	8.04	8.04	8.25	8.18	8.27	....	....	8.52	8.75	8.50
1969												
5	8.15	8.12	8.13	7.97	8.17	....	8.10	8.34	8.53	8.74	8.41	8.53
10	8.51	8.08	8.22	7.92	7.71	....	8.17	8.35	8.67	8.50	8.38	8.23
15	8.41	8.20	8.36	7.96	8.00	....	8.23	8.41	8.59	8.45	8.38	8.48
20	8.20	8.37	7.95	8.18	....	8.33	8.22	8.50	8.71	8.36	8.58	8.39
25	8.41	8.25	7.87	8.06	....	8.13	8.18	8.47	8.54	8.53	8.47	8.37
Eom	8.18	8.14	8.34	8.05	....	8.23	8.25	8.58	8.61	8.31	8.10	8.34

410809N0875808.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.52	8.48	8.36	8.07	....	7.98	8.35	8.55	8.75	8.50	8.30	....
10	8.42	8.26	8.32	....	....	8.02	8.35	8.50	8.65	8.45	8.25	....
15	8.43	8.34	8.32	....	....	8.04	8.30	8.60	8.70	8.60	8.45	8.35
20	8.38	8.63	8.15	....	....	8.10	8.25	8.60	8.65	8.40	7.95	8.50
25	8.06	8.28	7.97	....	....	8.13	8.40	8.70	8.60	8.35	8.25	8.20
Eom	8.42	8.50	8.35	....	8.07	8.32	8.30	8.85	8.40	8.45	....	8.35
1971												
5	8.45	....	8.30	8.52	....	8.55	8.47	8.77	8.65	....	....	....
10	8.25	....	8.22	8.48	....	8.44	8.47	8.47	....	....	....	....
15	....	....	7.93	8.27	....	8.35	8.43	8.77	....	....	....	....
20	....	8.17	....	....	8.42	8.39	8.61	8.65	....	....	....	....
25	....	8.30	8.37	....	8.13	8.42	8.51	8.65	....	....	....	....
Eom	....	8.47	8.18	....	8.51	8.55	8.65	8.72	....	....	....	....

Jennings County

385924N0853726.1. Local number Jn 1. State of Indiana. Muscatatuck State Park. Dug observation water-table well in sand and gravel, diam 36 in, depth 19 ft, cribbed with stone. Lsd about 730 ft above msl. MP 1-in hole in recorder-shelter floor, 2.13 ft above lsd. Highest water level 0.00, May 24, 1968; lowest 17.75 below lsd, Jan. 15-31, Feb. 1-11, 1954. Records available: 1936-69. Measurement discontinued Nov. 21, 1969.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.50	6.15	9.55	0.80	5.55	3.75	9.80	10.50	.....	.....	13.80	8.00
10	9.25	6.65	9.75	4.00	1.75	5.10	10.25	9.75	.....	.....	13.90	8.20
15	9.55	7.50	9.15	4.70	2.90	6.60	.....	7.50	.....	h13.15	14.05	8.70
20	10.35	8.10	6.70	3.75	3.20	7.85	.....	7.35	.....	13.30	14.10	8.60
25	8.25	8.80	1.30	4.30	.85	8.70	.....	8.55	.....	13.45	14.05	7.05
Eom	5.65	9.10	.10	5.00	1.95	9.10	.....	9.95	.....	13.65	12.55	5.30
1969												
5	6.90	4.45	6.20	3.05	5.05	6.15	8.20	7.75	11.75	13.10	13.85	.....
10	7.75	3.65	6.35	3.85	5.45	7.35	9.10	8.85	12.00	13.30	13.90	.....
15	8.85	5.10	6.95	1.65	5.80	6.90	9.50	9.95	12.25	13.45	13.90	.....
20	5.00	5.55	6.95	1.75	1.25	6.30	10.05	10.45	12.45	13.60	13.30	.....
25	5.45	5.80	6.95	3.75	3.90	6.75	5.45	11.00	12.65	13.70	.....	.....
Eom	.75	5.90	5.40	4.55	5.00	7.30	6.35	11.50	12.90	13.80	.....	.....

h Tape measurement.

Lake County

411038N0872847.1. Local number Lk 12. U.S. Geol. Survey. Kankakee River State Park. Drilled observation artesian well in dolomite, diam 6 in, depth 82 ft, cased to 54, open end. Lsd about 630 ft above msl. MP top of casing, 2.50 ft above lsd. Highest water level 0.54 below lsd, May 11, 1967; lowest 14.24 below lsd, Sept. 6, 7, 1969. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	1.45	0.90	1.70	1.50	1.83	h2.00	1.65	2.40	2.60	2.65	e2.70	2.06
10	1.60	.80	1.75	1.40	h2.00	2.25	1.60	2.45	2.60	2.63	....	2.21
15	1.55	.95	1.75	1.40	1.90	2.30	1.85	2.60	2.70	2.63	2.60	2.16
20	1.65	1.15	1.55	1.40	1.95	2.45	2.05	2.15	2.65	2.64	2.51	2.12
25	1.65	1.50	1.50	1.60	1.90	2.20	2.20	2.35	2.60	2.67	2.50	1.99
Eom	1.45	1.60	1.55	1.70	1.95	1.65	2.35	2.55	2.60	2.69	2.31	1.62
1969												
5	1.44	0.85	1.48	1.51	1.50	1.74	2.38	6.27	14.01	7.29	4.19	3.09
10	1.38	.92	1.53	1.46	1.37	1.75	2.51	8.25	12.47	6.65	4.00	2.83
15	1.56	1.12	1.72	1.36	1.29	1.88	2.70	8.85	10.65	5.58	3.82	2.82
20	1.34	1.31	1.71	1.26	1.38	2.01	4.05	10.29	9.39	5.17	3.47	2.80
25	1.18	1.38	1.62	1.28	1.48	2.17	7.04	11.86	8.48	4.89	3.23	2.70
Eom	.91	1.40	1.57	1.36	1.66	2.30	6.89	13.10	7.78	4.49	3.07	2.65
1970												
5	2.62	2.45	2.30	1.45	1.20	1.01	1.88	5.72	11.30	5.35	3.10	2.55
10	2.62	2.45	2.25	1.50	1.35	1.16	2.00	6.67	9.80	4.85	2.95	2.60
15	2.58	2.60	2.30	h1.47	.70	1.41	2.65	8.63	8.45	4.35	2.95	2.45
20	2.84	2.55	2.30	1.25	.65	1.47	5.26	11.00	7.50	4.09	2.80	2.45
25	2.80	2.45	2.15	1.15	.75	1.52	4.56	9.45	6.90	3.79	2.85	2.40
Eom	2.60	2.45	2.00	1.10	1.20	1.68	6.46	10.05	5.80	3.40	2.65	2.40
1971												
5	2.40	2.30	1.95	1.74	2.08	2.80	3.98	6.62	11.85	6.11	....	3.70
10	2.40	2.25	1.91	1.84	2.10	2.85	7.01	8.64	10.47	....	4.35	3.30
15	2.55	2.45	1.67	1.87	2.14	2.80	6.24	9.23	9.05	....	4.30	2.80
20	2.55	2.25	1.45	1.90	2.35	2.85	6.12	10.18	8.05	....	4.10	2.70
25	2.40	2.00	1.51	1.97	2.45	2.90	7.84	11.74	7.24	....	3.90	2.70
Eom	2.45	2.00	1.69	2.08	2.55	3.05	7.31	11.18	6.55	....	3.80	2.30

411038N0872847.1--Continued.

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e1.95	1.95	2.10	1.60	1.00	e1.75	1.75	2.22	1.94	1.10	0.99	0.83
10	....	2.25	2.20	1.30	....	e1.80	1.85	2.15	1.95	1.18	.95	.95
15	....	2.25	1.70	1.25	....	....	1.90	1.96	1.83	1.22	.77	1.17
20	2.00	2.30	1.65	1.05	.95	1.30	2.21	1.91	1.60	1.33	e.60	1.46
25	1.90	2.20	1.70	.90	1.15	1.50	2.10	1.93	1.46	1.10	....	1.45
Eom	1.95	2.15	1.60	1.05	e1.55	1.60	2.18	1.91	1.14	1.02	.68	.94

e Estimated.

h Tape measurement.

Montgomery County

400247N0864821.1. Local number My 7. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 6 in, depth 111 ft, screened 107-109. Lsd 804 ft above msl. MP top of recorder platform, 2.38 ft above lsd. Highest water level 27.44 below lsd, May 9, 10, 1970; lowest 31.79 below lsd, Nov. 28, 1967. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.12	28.62	28.67	28.88	28.85	28.29	29.06	29.71	29.79	30.42	30.79	30.16
10	29.07	28.22	28.86	28.85	29.00	28.33	29.20	29.63	29.88	30.43	30.79	30.35
15	28.86	28.17	29.13	28.78	28.87	28.46	29.41	29.65	30.06	30.55	30.68	30.26
20	29.16	28.16	29.09	28.61	29.02	28.56	29.58	29.59	30.04	30.58	30.61	30.12
25	29.11	28.46	29.07	28.62	28.85	28.54	29.71	29.70	30.16	30.64	30.54	30.24
Eom	28.89	28.50	29.01	28.69	28.51	28.79	29.72	29.81	30.34	30.77	30.51	29.96

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.72	28.78	28.64	28.98	28.51	29.02	29.55	29.90	30.23	30.26	28.98	28.45
10	29.76	28.55	28.66	28.92	28.34	29.22	29.82	30.00	30.33	30.14	28.93	28.26
15	29.85	28.48	28.92	28.85	28.58	29.31	29.79	30.15	30.41	29.79	28.87	28.39
20	29.62	28.53	28.80	28.76	28.60	29.35	30.17	30.07	30.24	29.49	28.84	28.53
25	29.55	28.61	28.77	28.61	28.73	29.41	29.79	30.15	30.09	29.42	28.67	28.57
Eom	29.09	28.56	29.16	28.53	28.90	29.49	29.99	30.24	30.15	29.13	28.42	28.66

1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.88	29.05	28.83	28.59	27.58	27.89	29.20	30.11	30.64	30.71	30.33	30.18
10	29.02	28.86	28.76	28.54	27.44	28.13	29.22	30.35	30.81	30.63	30.27	30.17
15	29.07	28.85	28.77	28.55	27.50	28.29	29.60	30.34	30.89	30.61	30.31	30.17
20	29.15	28.98	28.73	28.21	27.71	28.49	29.80	30.30	30.78	30.57	30.07	30.24
25	29.12	28.86	28.55	28.06	27.70	28.69	30.07	30.43	30.88	30.50	30.21	30.12
Eom	29.22	28.95	28.71	27.73	27.97	28.93	29.90	30.62	30.75	30.53	30.20	30.20

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.16	30.40	29.86	29.50	29.82	30.10	29.94	30.17	30.80	30.86	30.95	31.25
10	30.10	30.43	29.65	29.58	29.94	30.02	29.89	30.17	30.88	30.85	31.00	30.75
15	30.22	30.48	29.43	29.59	29.95	29.79	29.81	30.34	30.79	30.90	31.05	....
20	30.24	30.22	29.38	29.59	30.04	29.82	29.82	30.48	30.83	31.05	30.90	....
25	30.19	30.02	29.43	29.69	30.01	29.71	29.88	30.63	30.84	30.90	31.20	....
Eom	30.36	29.97	29.33	29.84	30.08	29.86	30.02	29.79	30.84	31.00	31.05	30.25

1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.00	30.80	30.30	30.20	28.15	28.75	28.25	28.95	29.75	29.50	29.15	27.95
10	29.80	30.95	30.35	30.00	28.10	28.70	....	29.05	29.90	29.45	28.85	28.00
15	30.10	30.85	30.15	30.15	28.10	28.50	28.20	29.15	29.80	29.35	28.70	27.80
20	30.25	30.65	30.30	29.90	28.35	28.30	28.40	29.45	29.90	29.45	28.45	27.65
25	30.55	30.50	30.30	28.85	28.55	28.25	28.45	29.40	29.80	29.35	28.10	28.70
Eom	30.60	30.25	30.25	28.35	....	28.25	28.75	29.60	29.60	29.35	28.10	28.70

Newton County

405105N0871733.1. Local number Ne 6. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel of Pleistocene age, diam 6 in, depth 80 ft, screened 76-78. Lsd 654 ft above msl. MP top of recorder platform, 2.25 ft above lsd. Highest water level 8.43 below lsd, Feb. 7, 1968; lowest 15.67 below lsd, Oct. 14, 1967. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	8.47	11.57	9.66	11.15	10.77	10.17	12.34	12.63	13.73	....	13.49
10	....	8.85	11.81	9.49	11.52	11.13	10.77	12.48	12.89	13.83	....	13.49
15	11.44	9.77	11.98	9.99	11.50	11.53	11.24	12.63	13.17	13.89	....	13.45
20	11.77	10.42	11.27	10.25	10.84	11.83	11.68	11.75	13.31	13.92	....	13.34
25	11.68	11.11	10.94	10.60	10.60	10.77	11.87	11.95	13.44	14.03	....	13.20
Eom	10.18	11.36	10.76	10.82	10.57	9.78	12.06	12.36	13.60	14.09	....	12.57

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.40	10.83	12.10	10.84	10.56	11.27	11.99	11.77	13.44	14.22	12.52	11.53
10	12.42	11.12	12.15	10.24	10.38	11.55	11.38	12.08	13.65	14.12	12.29	11.52
15	12.55	11.44	12.30	10.02	10.00	11.82	11.41	12.40	13.82	13.39	12.20	11.68
20	12.26	11.77	12.17	9.25	10.25	12.00	11.78	12.64	13.95	13.09	11.86	11.82
25	11.92	11.92	11.79	9.56	10.54	11.60	12.06	12.88	13.98	12.99	11.44	11.93
Eom	10.96	11.99	11.13	10.15	11.00	11.78	11.43	13.26	14.07	12.83	11.24	12.03

405105N0871733.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.21	11.93	12.18	10.05	10.17	10.03	12.20	13.19	13.97	12.40	11.26	11.35
10	12.33	11.92	11.95	10.26	10.58	10.38	12.53	13.31	14.05	12.25	11.21	11.45
15	12.43	12.07	11.94	10.61	8.63	10.85	12.84	13.54	14.03	11.95	11.37	11.55
20	12.48	12.24	11.97	9.17	8.80	11.15	13.05	13.57	13.88	11.75	11.22	11.65
25	12.44	12.18	11.75	8.97	9.62	11.46	12.94	13.62	12.98	11.70	11.42	11.60
Eom	12.06	12.36	11.02	9.61	10.47	11.85	12.95	13.84	12.45	11.66	11.42	11.80
1971												
5	11.95	12.35	11.80	10.93	12.18	12.60	13.20	13.00	13.80	13.40	13.69	13.85
10	11.95	12.05	11.85	11.15	12.26	12.70	12.60	13.15	13.67	13.44	13.76	13.74
15	12.20	12.20	11.45	11.38	12.10	12.25	11.75	13.35	13.75	13.59	13.71	13.19
20	12.25	12.10	10.95	11.61	12.20	12.50	12.15	13.55	13.82	13.66	13.71	12.18
25	12.30	11.90	10.95	11.84	12.40	12.65	12.41	12.60	13.80	13.62	13.83	11.22
Eom	12.55	11.85	11.10	12.13	12.60	13.95	12.65	13.70	13.50	13.70	13.70	10.86
1972												
5	10.52	.....	11.97	11.01	10.33	11.71	12.03	13.09	12.73	10.34	9.61	9.74
10	10.58	.....	12.09	10.04	10.13	11.53	12.25	12.85	12.87	10.79	9.65	9.67
15	10.89	.....	11.59	10.03	9.95	11.24	12.54	12.04	12.50	10.21	9.30	9.48
20	11.05	.....	.....	10.28	10.38	11.25	12.67	12.03	12.23	10.65	9.15	9.77
25	.....	11.95	.....	9.67	10.77	11.53	12.72	12.25	11.82	9.88	9.20	10.01
Eom	.....	11.99	11.16	9.94	11.29	11.83	12.92	12.58	10.43	9.93	9.50	9.22

Noble County

411922N0852218.1. Local number No 8. U.S. Geol. Survey. Drilled observation artesian well in sand and gravel, diam 6 in, depth 148 ft, casing information not available. Lsd about 920 ft above ms1. MP top of shelter floor at rear of recorder, 2.50 ft above lsd. Highest water level 30.01 below lsd, Feb. 11, 1969; lowest 32.29 below lsd, Jan. 18, 1967. Records available: 1966-71. Measurement discontinued Sept. 17, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	31.61	31.50	30.91	31.06	31.08	31.03	31.06	30.98	31.04	31.33	31.40	31.13
10	31.60	31.08	31.03	31.17	31.14	30.95	30.97	30.95	31.05	31.27	31.40	31.76
15	31.14	31.11	31.29	31.00	30.85	31.08	31.01	30.95	31.19	31.36	31.31	31.67
20	31.46	30.97	31.10	30.86	31.01	31.11	31.05	31.05	31.22	31.34	31.57	31.30
25	31.47	31.30	31.15	30.91	31.06	30.66	30.97	31.04	31.19	31.31	31.56	31.74
Eom	31.45	31.07	30.98	30.93	31.04	31.03	30.88	31.02	31.29	31.46	31.76	31.54
1969												
5	31.35	31.27	31.08	30.89	30.82	30.61	30.56	30.76	30.83	31.09	31.08	31.39
10	31.52	31.17	31.08	30.83	30.46	30.60	30.64	30.69	30.98	30.91	31.17	31.08
15	31.60	31.28	31.32	30.93	30.87	30.69	30.73	30.84	30.91	31.05	31.07	31.26
20	31.38	31.40	30.88	31.05	30.74	30.51	30.65	30.83	31.05	30.95	31.24	31.28
25	31.49	31.19	30.68	30.91	30.66	30.66	30.60	30.88	30.89	31.20	31.27	31.27
Eom	31.32	31.13	31.34	31.02	30.51	30.73	30.74	30.93	30.94	30.97	30.89	31.13
1970												
5	31.44	31.46	31.32	31.15	30.93	30.55	30.76	30.95	30.96	31.20	31.10	31.14
10	31.40	31.26	31.35	31.21	30.67	30.53	30.70	30.92	31.00	31.08	31.10	31.23
15	31.39	31.37	31.32	31.25	30.70	30.57	30.69	31.00	31.12	31.32	31.26	31.26
20	31.30	31.54	31.17	30.54	30.80	30.64	30.69	30.89	31.07	31.18	30.77	31.33
25	30.97	31.24	31.08	31.00	30.46	30.61	30.88	31.05	31.20	31.17	31.17	30.97
Eom	31.42	31.58	31.35	30.91	30.67	30.68	30.70	31.04	31.07	31.27	31.25	31.15
1971												
5	31.12	30.69	31.08	31.23	30.73	30.90	30.96	31.36	31.41	.....	.....	.....
10	31.04	31.25	31.00	31.16	30.85	30.99	31.07	31.04	31.35	.....	.....	.....
15	31.28	31.19	30.67	30.92	31.04	30.84	31.00	31.34	31.28	.....	.....	.....
20	31.15	30.92	30.79	30.79	.....	30.92	31.14	31.26	.....	.....	.....	.....
25	30.92	31.14	31.19	30.74	.....	30.93	31.10	31.32	.....	.....	.....	.....
Eom	31.16	31.14	30.87	30.73	30.92	30.98	31.25	31.43	.....	.....	.....	.....

Owen County

391731N0864214.1. Local number Ow 7. U.S. Geol. Survey. Drilled observation artesian well in Mississippian limestone, diam 6 in, depth 150 ft, cased 0-15. Lsd 806.68 ft above ms1. MP top of recorder shelf, 2.38 ft above lsd. Highest water level 98.77 below lsd, May 24, 1968; lowest 116.11 below lsd, Sept. 23, 1967. Records available: 1967-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	115.70	114.48	.....	.....	115.67	.....	.....	115.34	115.76	115.77	115.80	115.49
10	115.74	.....	.....	.....	115.68	.....	115.71	114.32	115.76	115.79	115.80	115.49
15	115.76	.....	.....	.....	115.56	.....	115.75	115.51	115.76	115.79	115.49	115.49
20	115.66	.....	114.47	.....	115.28	.....	115.77	115.60	115.71	115.80	115.61	115.49
25	115.59	.....	113.45	.....	.....	.....	106.97	115.65	115.76	115.81	115.48	115.48
Eom	111.20	.....	112.79	.....	.....	.....	110.52	115.72	115.77	115.81	115.49	112.90
1969												
5	115.22	113.51	115.46	113.25	.....	115.52	115.65	115.64	115.76	115.82	115.66	115.56
10	115.42	113.79	115.51	115.44	115.32	115.56	115.16	115.67	115.78	115.81	115.70	115.38
15	115.46	115.02	115.53	.....	115.43	113.47	115.56	115.51	115.79	115.71	115.74	115.51
20	113.52	115.30	115.53	.....	114.47	115.60	112.57	115.73	115.80	115.74	112.70	115.54
25	112.70	115.39	115.20	.....	115.30	115.60	115.35	115.74	115.81	115.78	115.35	115.57
Eom	105.22	115.41	115.17	.....	115.45	115.60	115.58	115.77	115.82	115.45	115.44	115.57

391731N0864214.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	115.57	115.13	114.49	115.21	115.35	115.52	115.77	115.71	115.69	115.76	115.56	115.63
10	115.56	113.95	115.33	115.39	115.46	115.61	115.68	115.73	115.75	115.72	115.61	115.65
15	115.59	115.24	115.44	115.46	113.76	115.64	115.68	115.74	115.76	115.63	115.58	115.64
20	115.46	115.40	115.40	113.44	115.47	115.66	115.70	115.15	115.76	115.68	113.47	115.47
25	112.97	115.42	115.18	110.43	115.54	115.71	115.71	115.73	115.76	115.71	115.51	115.38
Eom	114.66	115.48	115.34	115.08	115.58	115.75	115.68	115.75	115.74	115.63	115.59	115.51
1971												
5	112.65	112.17	115.21	115.53	115.63	115.11	115.66	115.78	115.86	115.88	115.89	115.87
10	115.33	115.54	115.13	115.56	115.53	114.85	115.69	115.79	115.87	115.89	115.89	.....
15	115.48	115.48	114.59	115.56	115.37	114.83	115.73	115.82	115.89	115.90	115.92	.....
20	115.47	110.89	115.31	115.57	115.62	115.45	115.62	115.83	115.86	115.91	115.87	.....
25	115.61	113.84	115.41	115.61	112.50	115.51	115.73	115.84	115.82	115.90	115.91	.....
Eom	115.70	113.91	115.49	115.65	115.58	115.62	115.75	115.86	115.89	115.90	115.91	.....
1972												
5	h115.50	.....	.....	115.55	115.15	.....	.....	115.73	115.78	113.22	114.83	115.37
10	h115.45	.....	.....	115.45	115.10	.....	.....	115.74	115.78	115.51	115.16	113.74
15	.....	115.60	115.50	114.95	115.15	.....	.....	115.74	115.79	115.58	109.58	113.88
20	.....	115.60	115.55	111.85	.....	.....	.....	115.76	115.80	115.63	114.68	113.51
25	.....	115.50	115.60	114.05	.....	.....	.....	115.61	115.61	115.65	115.17	115.17
Eom	.....	114.40	115.60	114.95	.....	.....	.....	115.73	112.84	114.81	115.28	113.32

h Tape measurement.

Parke County

394800N0872209.1. Local number Pa 3. E. C. and W. W. Market. Montezuma. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 12 in, depth 124 ft, perforated 107-124. Lsd 54.3 ft above msl. MP top of casing, 1.65 ft above lsd. Highest water level 36.55 below lsd, Aug. 10-12, 1958; lowest 50.95 below lsd, Jan. 9-14, 1964. Records available: 1957-71. Measurement discontinued Sept. 15, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	44.30	41.55	.....	41.65	41.85	40.90	.....	.....	.....	45.45	e46.70	47.40
10	44.05	39.90	.....	.....	.....	40.85	.....	.....	.....	45.65	e46.95	47.45
15	43.90	39.80	41.05	.....	.....	41.00	.....	.....	44.40	45.90	47.15	47.50
20	43.90	39.75	41.25	41.20	.....	.....	.....	.....	44.65	46.05	47.30	47.60
25	43.80	39.85	41.40	41.35	.....	.....	42.35	.....	44.90	46.30	47.35	47.65
Eom	43.35	.....	41.50	41.55	.....	.....	42.60	.....	45.20	46.55	47.40	47.55
1969												
5	47.30	42.95	41.15	42.10	.....	.....	.....	44.15	.....	46.45	46.45	45.67
10	47.24	42.10	41.30	42.10	.....	.....	.....	44.40	h45.85	46.60	46.45	45.55
15	47.19	41.55	41.45	42.05	.....	.....	.....	44.55	46.00	46.65	46.45	45.53
20	46.92	41.35	41.60	41.95	.....	.....	43.75	44.75	46.20	46.50	46.50	45.48
25	46.70	41.20	41.80	41.75	.....	.....	43.85	44.95	46.25	46.50	46.20	45.53
Eom	45.60	41.15	42.00	e41.70	.....	.....	44.00	45.25	46.35	46.50	45.85	45.58
1970												
5	45.72	46.10	46.05	45.65	41.55	h40.78	42.10	43.90	.....	.....	47.25	47.50
10	45.84	46.00	45.95	45.40	41.25	40.95	42.40	44.10	.....	.....	47.30	47.55
15	45.95	46.00	45.90	45.30	41.10	41.15	h42.75	44.35	.....	h46.97	47.35	47.60
20	46.05	46.05	45.95	45.15	40.85	41.40	43.05	44.65	.....	47.00	47.40	47.65
25	46.15	46.00	45.95	43.65	40.70	41.60	43.35	44.90	.....	47.05	47.45	47.65
Eom	46.20	46.00	45.80	42.25	40.70	41.85	43.65	45.20	.....	47.20	47.50	47.75
1971												
5	47.85	48.15	45.65	44.35	45.10	.....	.....	.....	.....	.....	.....	.....
10	47.90	47.80	45.30	44.45	45.30	.....	.....	.....	.....	.....	.....	.....
15	47.95	47.65	45.05	44.50	45.40	.....	.....	.....	.....	.....	.....	.....
20	48.05	47.40	44.65	44.60	45.50	.....	.....	.....	.....	.....	.....	.....
25	48.10	46.70	44.45	44.75	45.65	.....	.....	.....	.....	.....	.....	.....
Eom	48.20	46.30	44.35	44.95	45.65	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

393619N0870430.1. Local number Pa 6. U.S. Geol. Survey. Drilled observation artesian well in Pennsylvanian sandstone, diam 6 in, depth 155 ft, cased 46. Lsd 703.3 ft above msl. MP top of recorder shelf, 2.20 ft above lsd. Highest water level 11.53 below lsd, Apr. 19, 1970; lowest 15.58 below lsd, Nov. 1, 2, 1968. Records available: 1967-71. Measurement discontinued Sept. 13, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	13.40	13.05	13.24	12.92	12.75	13.21	13.85	14.50	15.07	15.48	15.12
10	.....	13.18	13.16	13.20	12.95	12.73	13.31	13.87	14.61	15.20	.....	15.19
15	.....	13.11	13.26	13.15	12.80	12.91	13.43	14.02	14.74	15.24	.....	15.09
20	13.56	13.02	13.23	12.96	12.93	13.03	13.60	14.14	14.77	15.29	.....	14.88
25	13.46	13.13	13.17	13.04	12.80	12.90	13.74	14.29	14.87	15.37	.....	14.80
Eom	13.43	13.08	13.08	12.84	12.82	13.09	13.77	14.46	15.02	15.47	.....	14.63
1969												
5	14.40	14.01	13.81	13.68	13.52	13.71	13.81	13.68	.....	14.21	13.74	13.22
10	14.43	13.98	13.81	13.69	13.34	13.81	13.73	.....	.....	14.10	13.68	12.86
15	14.38	13.91	13.88	13.67	13.56	13.76	13.79	.....	.....	14.00	13.60	12.87
20	14.24	13.96	13.71	13.65	13.54	13.75	13.70	.....	14.10	13.94	13.58	12.74
25	14.32	13.91	13.65	13.61	13.63	13.72	13.66	.....	14.05	14.00	13.48	12.60
Eom	14.12	13.80	13.89	13.56	13.64	13.81	13.65	.....	14.13	13.76	13.23	12.45

393619N0870430.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.47	12.29	11.91	11.75	11.86	11.76	12.44	13.10	13.69	14.00	13.45	12.90
10	12.36	12.10	11.86	11.82	11.79	11.91	12.53	13.13	13.85	13.88	13.34	12.84
15	12.32	12.02	11.85	11.85	11.73	11.98	12.67	13.33	13.96	13.92	13.31	12.74
20	12.27	12.14	11.80	11.57	11.81	12.03	12.71	13.32	13.93	13.78	12.95	12.74
25	12.09	11.94	11.61	11.77	11.79	12.15	12.93	13.42	13.99	13.66	13.03	12.51
Eom	12.29	12.05	11.85	11.80	11.87	12.34	12.93	13.64	13.94	13.61	12.96	12.51

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.53	12.17	12.36	12.26	12.37	12.53	12.55	12.63	.....	.....	.....	.....
10	12.42	12.44	12.26	12.29	12.47	12.54	12.53	12.57	.....	.....	.....	.....
15	12.50	12.39	12.14	12.20	12.44	12.43	12.55	12.65	.....	.....	.....	.....
20	12.44	12.31	12.19	12.19	12.52	12.50	12.58	12.73	.....	.....	.....	.....
25	12.28	12.34	12.23	12.25	12.38	12.41	12.57	12.81	.....	.....	.....	.....
Eom	12.39	12.43	12.16	12.40	12.52	12.55	12.59	12.99	.....	.....	.....	.....

Porter County

413524N0870725.1. Local number Pt 8. Wabash RR. Drilled observation artesian well in clay and sand, diam 10 in, depth 79 ft, casing information not available. Lsd about 635 ft above msl. MP No. 1, top of casing, 3.25 ft above lsd; MP No. 2, top of platform, 3.30 ft above lsd. Highest water level 8.20 below lsd, Mar. 28-29, Apr. 1, 1962; lowest 13.10 below lsd, Dec. 26, 30-31, 1964, Jan. 9, 13-21, 1965. Records available: 1956-71. Measurement discontinued Oct. 4, 1971.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.50	8.70	8.95	8.70	8.95	h9.22	....	9.55	9.75	10.05	10.25	10.05
10	h9.50	8.60	9.00	8.70	9.00	....	....	9.65	9.85	10.15	10.25	10.20
15	9.40	8.75	9.05	8.70	9.00	....	9.35	9.70	9.95	10.15	10.20	10.20
20	9.55	8.80	8.95	8.60	9.10	....	9.45	9.65	9.95	10.20	10.30	10.15
25	9.55	9.00	8.80	8.75	9.20	....	9.60	9.75	9.95	10.20	10.30	10.15
Eom	9.15	9.00	8.75	8.80	9.25	....	9.50	9.80	10.00	10.20	10.25	9.90

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.85	9.50	9.60	9.20	8.90	8.85	....	....	9.60	....	h10.15	10.30
10	10.00	9.50	9.70	9.10	8.70	8.70	....	....	9.70	....	10.20	h10.26
15	10.00	9.55	9.80	9.10	8.70	8.80	....	....	9.70	....	10.20	10.35
20	9.85	9.60	9.70	8.85	8.75	8.80	....	....	9.80	....	10.25	10.40
25	9.80	9.60	9.60	8.85	8.80	8.95	....	e9.50	9.80	....	10.25	10.35
Eom	9.55	9.60	9.45	8.95	8.85	....	....	9.60	9.85	....	10.15	10.40

1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.45	10.50	10.50	9.90	....	9.00	....	....	....	....	10.05	.....
10	10.50	10.45	10.45	9.95	....	9.05	....	....	....	....	10.00	.....
15	10.50	10.45	10.45	9.80	8.75	9.10	....	....	....	....	.....	.....
20	10.50	10.60	10.40	9.60	8.80	....	....	....	....	....	.....	.....
25	10.50	10.45	10.25	....	8.80	....	....	....	....	....	.....	.....
Eom	10.50	10.55	10.25	....	9.00	....	....	....	....	10.10	.....	.....

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.25	10.20	10.10	10.30	10.50	10.55	10.85	10.95	.....	.....	.....
10	10.30	10.25	10.15	10.30	10.50	10.65	10.85	11.00	.....	.....	.....
15	10.40	10.30	10.20	10.30	....	10.65	10.90	11.00	.....	.....	.....
20	10.30	10.10	10.20	10.40	....	10.75	10.90	11.00	.....	.....	.....
25	10.20	10.10	10.30	10.35	10.55	10.75	10.85	11.05	.....	.....	.....
Eom	10.30	10.05	10.35	10.45	10.60	10.80	11.00	11.10	.....	.....	.....

e Estimated.

h Tape measurement.

Posey County

380758N0875510.1. Local number Py 3. U.S. Geol. Survey. Drilled observation artesian well in sandy gravel of Pleistocene age, diam 6 in, depth 58 ft, screened 54-56. Lsd 380.69 ft above msl. MP top of recorder shelf, 2.70 ft above lsd. Highest water level 7.28 below lsd, Jan. 19, 1970; lowest 19.13 below lsd, Nov. 29, 1967. Records available: 1967-71. Measurement discontinued Sept. 23, 1971.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.88	11.65	10.60	8.78	10.57	8.78	12.18	14.15	14.90	16.62	17.83	18.03
10	....	9.95	9.95	9.07	11.10	9.45	12.57	13.34	15.24	16.83	17.97	17.95
15	14.07	9.55	....	9.30	11.03	10.30	13.05	13.19	15.55	17.06	18.16	17.97
20	14.50	9.95	....	8.63	11.51	10.89	13.39	13.71	15.85	17.25	18.34	18.05
25	14.32	10.62	10.30	9.24	11.35	11.26	13.78	14.13	16.12	17.43	18.45	17.98
Eom	13.40	10.80	10.23	9.82	10.57	11.83	14.16	14.54	16.37	17.66	18.34	16.66

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.35	8.30	10.37	11.84	10.68	11.53	10.97	10.95	13.10	15.57	15.71	14.83
10	16.31	7.87	10.91	11.94	10.96	12.13	10.06	11.67	13.85	15.79	15.87	14.70
15	16.38	8.98	11.37	11.15	11.44	12.61	10.13	12.30	14.29	15.55	15.99	14.83
20	15.42	9.60	11.67	10.25	9.30	12.95	10.95	12.84	14.73	15.65	15.28	14.95
25	....	9.90	11.80	10.19	10.10	11.64	9.57	13.30	15.03	15.74	15.11	15.16
Eom	....	9.95	11.85	10.33	10.80	11.81	10.33	13.82	15.29	15.83	14.82	15.17

380758N0875510.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.08	14.12	12.08	9.87	7.74	9.40	12.45	15.00	.....	17.29	17.54	17.80
10	.....	12.93	12.02	10.17	.....	9.85	12.95	15.13	.....	17.38	17.58	17.84
15	e15.44	12.83	11.95	10.47	8.89	10.50	13.44	15.35	.....	17.25	17.65	17.93
20	15.37	13.00	11.36	10.36	9.25	10.94	13.84	15.63	.....	17.31	17.70	17.93
25	e15.33	12.94	9.99	10.38	9.70	11.25	14.25	15.88	.....	17.37	17.70	17.60
Eom	14.79	13.20	10.10	7.66	10.31	11.90	14.65	e16.10	.....	17.47	17.73	17.53

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.96	16.77	11.49	12.74	14.14	13.82	.....	16.00	17.29	.....	.....	.....
10	16.96	16.68	11.53	12.89	14.33	14.12	15.10	16.16	17.42	.....	.....	.....
15	16.62	16.27	e11.73	13.25	14.42	13.90	15.34	16.36	17.58	.....	.....	.....
20	16.47	14.86	e11.88	13.56	14.54	13.25	15.50	16.60	17.75	.....	.....	.....
25	16.50	13.23	12.03	13.88	13.61	13.82	15.65	16.85	.....	.....	.....	.....
Eom	16.70	12.85	12.30	12.69	13.54	.....	15.92	17.10	.....	.....	.....	.....

e Estimated.

Pulaski County

410739N0863652.1. Local number Pu 7. U.S. Geol. Survey. Drilled observation artesian well in medium sand and gravel, diam 6 in, depth 105 ft, cased 0-100, 102-105, screened 100-102. Lsd about 720 ft above msl. MP top of shelter floor, 2.45 ft above lsd. Highest water level 5.27 below lsd, June 27, 1968; lowest 10.41 below lsd, Oct. 14, 1967. Records available: 1967-71. Measurement discontinued Sept. 7, 1971.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.24	5.59	7.32	5.43	6.70	6.03	6.09	6.96	7.61	.....	8.98	8.04
10	7.48	5.92	7.17	5.80	6.73	6.48	6.58	7.23	7.88	.....	8.96	8.15
15	7.57	6.50	7.06	5.96	6.48	6.93	6.99	7.55	8.09	.....	8.94	8.25
20	7.69	6.82	6.47	5.97	5.57	7.23	7.20	6.30	7.99	.....	8.47	8.24
25	7.62	7.19	6.43	6.34	5.78	5.74	7.45	6.89	8.05	8.80	8.45	8.05
Eom	6.41	7.31	6.55	6.36	5.80	5.61	7.70	7.37	.....	8.90	8.09	.....

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.03	.....	.....	.....	6.33	6.20	7.43	7.21	8.92	9.52	8.54	8.28
10	8.04	.....	.....	.....	5.58	6.09	7.30	7.57	9.10	9.49	8.54	8.20
15	8.15	.....	.....	6.28	5.81	6.61	7.52	7.92	9.25	8.79	8.61	8.36
20	.....	.....	.....	5.91	5.67	6.94	7.75	8.18	9.29	8.72	8.25	8.43
25	.....	8.46	.....	6.07	6.05	7.11	6.86	8.44	9.31	8.71	8.05	8.53
Eom	.....	.....	.....	6.16	6.59	7.38	6.72	8.75	9.39	8.76	8.03	8.59

1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.74	8.43	.....	.....	6.64	6.64	8.14	8.98	9.80	8.54	8.37	8.33
10	8.79	8.46	.....	.....	6.90	7.05	8.38	9.15	9.68	8.66	8.35	8.46
15	8.87	8.59	.....	.....	5.42	7.06	8.58	9.34	9.45	8.72	8.43	8.52
20	8.91	8.74	.....	.....	5.88	7.40	8.49	9.46	9.08	8.74	8.39	8.62
25	8.92	8.81	.....	6.24	6.30	7.60	8.60	9.56	8.47	8.82	8.52	8.61
Eom	8.50	8.87	.....	6.38	6.71	7.83	8.77	9.75	8.32	8.75	8.39	8.80

1971

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.91	9.05	8.67	8.04	8.61	8.98	8.82	9.22	9.49	.....	.....	.....
10	8.98	9.01	8.55	8.19	8.49	7.68	8.81	9.24	.....	.....	.....	.....
15	9.14	9.16	8.26	8.24	8.54	7.81	8.48	9.35	.....	.....	.....	.....
20	9.17	9.01	7.99	8.35	8.73	8.10	8.67	9.46	.....	.....	.....	.....
25	9.24	8.87	7.97	8.46	8.76	8.39	8.89	9.41	.....	.....	.....	.....
Eom	9.41	8.76	8.02	8.60	8.94	8.65	9.03	9.46	.....	.....	.....	.....

Randolph County

401532N0850853.1. Local number Ra 3. U.S. Geol. Survey. Drilled observation artesian well in sandy limestone, diam 6 in, depth 54 ft, cased to 33. Lsd about 970 ft above msl. MP top of shelter floor, 3.86 ft above lsd. Highest water level 7.98 below lsd, May 27, 1968; lowest 14.43 below lsd, Oct. 4, 5, 1967. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.39	8.87	10.44	8.45	10.05	8.56	.....	11.47	12.05	12.98	12.98	11.41
10	e10.62	9.01	10.55	8.93	10.32	9.25	10.18	11.32	12.20	12.91	12.85	11.78
15	e10.80	9.61	10.80	9.15	9.89	9.72	10.60	11.32	12.43	13.01	12.81	11.79
20	e10.75	9.92	9.76	9.23	9.75	.....	10.95	11.42	12.53	13.01	12.49	11.18
25	e10.19	10.42	8.91	9.50	8.63	.....	11.17	11.61	12.65	12.98	12.40	11.43
Eom	e8.85	10.38	8.88	9.79	8.34	.....	11.34	11.84	12.88	13.05	12.11	10.28

1969

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.31	9.25	9.63	8.78	.....	10.35	10.55	11.82	12.38	11.39	10.70	10.17
10	10.70	9.05	9.65	8.46	.....	10.73	10.85	10.73	12.41	11.30	10.72	9.57
15	11.00	9.33	9.81	8.80	.....	10.74	10.33	11.16	12.55	10.20	10.83	9.75
20	10.11	9.75	9.63	8.08	.....	10.60	10.85	11.49	11.18	10.29	9.80	10.09
25	10.12	9.61	9.35	.....	.....	9.55	11.10	11.95	11.10	10.68	9.53	10.37
Eom	9.17	9.51	9.25	.....	.....	10.02	11.57	12.32	11.22	10.73	9.50	10.44

401532N0850853.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.85	9.66	9.07	9.16	9.71	9.98	11.43	12.32	13.27	13.86	13.67	13.65
10	10.94	9.34	9.30	9.46	10.02	10.25	11.41	12.43	13.41	13.90	13.66	13.62
15	10.91	9.48	9.71	9.86	10.18	10.28	11.59	12.74	13.59	13.80	13.71	13.46
20	10.85	9.57	9.74	8.91	10.15	10.66	11.77	12.79	13.65	13.67	13.42	13.34
25	11.02	9.54	9.28	8.47	10.32	10.89	12.10	12.87	13.85	13.74	13.61	12.79
Eom	9.78	9.92	9.46	9.19	10.77	11.20	12.10	13.10	13.63	13.77	13.62	12.99
1971												
5	e12.31	11.87	11.36	10.96	11.26	11.94	13.00	13.82	13.10	12.40	12.60	
10	12.42	.....	10.99	11.15	9.92	10.74	12.14	13.04	13.30	13.10	12.45	10.45
15	12.65	.....	10.23	10.87	9.77	10.89	12.26	13.33	13.31	13.25	12.57	9.78
20	12.66	11.29	10.09	10.89	10.08	11.27	12.51	13.47	13.41	13.34	12.38	10.07
25	12.60	11.45	10.45	11.05	9.95	11.49	12.60	13.60	13.28	12.43	12.75	10.17
Eom	12.87	11.22	10.64	11.36	10.05	11.76	12.80	13.86	13.03	12.32	12.54	9.64
1972												
5	9.55	10.53	10.27	9.65	10.01	10.93	11.23	11.70	12.89	9.93	.....	9.15
10	10.45	10.93	9.98	8.92	10.20	10.80	11.42	11.91	13.15	10.20	.....	9.24
15	.....	10.52	10.10	9.07	9.44	10.22	11.35	12.12	12.80	9.92	.....	9.47
20	.....	10.82	10.05	8.43	9.08	10.21	10.94	12.37	12.52	10.47	.....	9.20
25	.....	10.68	9.98	8.88	10.10	10.63	11.12	12.57	11.31	10.51	.....	9.10
Eom	10.16	10.43	9.64	9.02	10.51	10.95	11.48	12.87	9.83	.....	.....	9.25

e Estimated.

h Tape measurement.

Ripley County

390714N0850643.1. Local number R1 2. Weldon Manlief. Drilled observation artesian well in limestone, diam 6 in, depth 64 ft, casing information not available. Lsd about 997 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 0.55 below lsd, May 26, 1968; lowest 13.05 below lsd, Dec. 1-15, 22-31, 1964. Records available: 1958-70. Measurement discontinued Mar. 10, 1970.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.80	3.75	8.35	1.25	4.40	2.45	5.45	.....	.....	.....	.....	.....
10	10.75	4.95	8.65	2.20	5.45	3.30	h5.82	.....	.....	.....	.....	.....
15	h10.65	5.50	8.85	h2.95	2.10	3.75	.....	.....	.....	.....	.....	.....
20	10.70	6.20	8.80	3.30	2.20	4.25	.....	.....	.....	.....	.....	.....
25	8.45	6.90	1.10	1.95	1.30	4.70	.....	.....	.....	.....	.....	.....
Eom	4.60	7.75	1.05	3.15	1.50	5.05	.....	.....	.....	.....	.....	3.80
1969												
5	.....	.....	3.00	1.25	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	1.25	3.20	1.75	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	h2.01	3.40	1.10	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	2.20	3.55	1.35	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	2.35	3.70	2.20	.....	.....	.....	.....	.....	.....	.....	.....
Eom	1.10	e2.55	2.55	2.55	.....	.....	.....	.....	.....	.....	.....	.....
1970												
5	8.07	7.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	8.10	2.55	h2.93	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	8.16	3.17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	7.06	2.85	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	7.05	3.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	7.00	3.35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

e Estimated.

h Tape measurement.

St. Joseph County

413926N0861704.1. Local number S1 9. New Jersey, Indiana, & Illinois RR. Co. Formerly Indiana & Illinois RR. Co. Olive St. and Indiana Ave., South Bend. Drilled observation artesian well in sand and gravel, diam 8 in, depth 80 ft, casing information not available. Lsd about 715 ft above msl. MP top of casing, 3.57 ft above lsd. Highest water level 9.53 below lsd, Feb. 5, 8, 1968; lowest 17.55 below lsd, June 6, Sept. 5, 1953. Records available: 1945-71. Measurement discontinued Sept. 21, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.06	9.53	10.56	10.08	10.32	10.95	10.15	11.96	e12.94	12.63	.....	12.10
10	10.09	9.71	10.49	10.06	10.57	11.34	10.38	12.16	13.03	e12.57	.....	12.02
15	10.36	9.90	10.28	10.15	10.77	h11.79	10.67	12.31	12.94	12.58	12.41	11.90
20	10.59	10.15	10.17	.....	e10.70	11.96	h11.14	12.32	h12.86	12.70	12.35	11.83
25	10.55	10.40	10.19	10.20	10.63	10.51	e11.47	12.59	.....	h12.61	12.32	11.69
Eom	10.18	10.61	10.09	10.15	10.80	.....	11.70	12.92	e12.73	.....	12.31	11.38
1969												
5	11.12	10.43	10.71	10.48	10.17	10.69	.....	11.62	12.95	12.96	.....	h12.03
10	h11.11	.....	10.68	10.31	10.26	.....	11.39	11.73	.....	h13.03	12.23	.....
15	11.08	10.42	10.89	10.24	10.08	10.71	11.62	11.83	12.89	.....	12.28	12.03
20	11.02	10.55	10.90	10.15	10.29	10.88	11.86	12.08	12.85	.....	.....	11.98
25	10.98	10.63	.....	9.96	10.40	10.98	e11.90	12.25	.....	12.44	12.09	.....
Eom	10.58	10.75	.....	10.07	10.75	10.34	11.65	e12.69	.....	h12.28	12.04	.....

413926N0861704.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	11.84	11.87	11.41	10.73	10.91	.....	12.30	13.13	12.70	12.49	12.00
10	11.77	11.78	11.90	10.90	.....	11.15	12.23	12.49	13.13	12.62	12.44	11.81
15	11.78	12.03	11.94	10.74	10.55	11.43	12.11	12.55	13.06	12.51	12.37	11.71
20	11.99	12.07	11.98	10.59	10.38	11.51	12.03	12.73	12.93	12.40	12.23	11.70
25	12.11	11.95	12.01	10.33	10.77	11.69	11.99	12.72	12.78	12.45	12.26	11.69
Eom	11.92	11.88	11.90	10.49	10.94	11.63	12.09	12.98	12.75	12.41	12.10	11.67
1971												
5	11.82	12.19	12.00	e11.70	12.38	13.44	14.77	14.65	15.40	.....	.....	.....
10	11.80	12.21	12.23	11.71	12.46	13.63	14.77	14.69	15.25	.....	.....	.....
15	12.04	12.27	12.26	11.95	12.53	13.82	14.81	14.67	15.37	.....	.....	.....
20	12.34	12.22	11.95	12.11	12.82	14.06	14.88	14.99	15.10	.....	.....	.....
25	12.52	12.21	11.74	12.12	13.05	14.22	14.95	15.18	.....	.....	.....	.....
Eom	12.54	12.10	11.62	12.36	13.25	14.56	14.68	15.22	.....	.....	.....	.....
e Estimated.												
h Tape measurement.												

e Estimated.

h Tape measurement.

Shelby County

393943N0854909.1. Local number Sh 2. U.S. Geol. Survey. Drilled observation artesian well in limestone, diam 6 in, depth 150 ft, cased to 131, open end. Lsd about 818 ft above msl. MP top of collar welded on casing at round hole drilled in recorder shelter floor, 3.00 ft above lsd. Highest water level 15.90 below lsd, May 27, 1968; lowest 22.20 below lsd, Nov. 30, 1967. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.15	16.90	19.15	17.45	19.10	16.65	18.70	18.75	19.55	20.45	20.90	18.60
10	19.30	17.45	19.30	17.70	19.20	17.40	18.90	18.35	19.75	20.55	20.95	19.05
15	19.35	18.15	19.55	18.15	18.50	18.00	19.20	18.40	19.95	20.65	20.90	19.20
20	19.65	18.45	19.05	18.35	18.05	18.00	19.40	18.65	20.10	20.70	20.30	19.25
25	19.30	18.95	18.25	18.55	16.30	18.10	19.50	19.05	20.20	20.75	19.70	18.70
Eom	17.50	19.05	18.05	18.80	16.15	18.35	19.40	19.35	20.40	20.90	19.15	17.75
1969												
5	18.15	16.70	18.45	18.95	18.50	19.56	18.94	18.31	19.65	.....	19.60	18.55
10	18.65	16.50	18.65	18.85	18.60	19.70	18.86	18.40	19.85	.....	19.65	17.89
15	19.00	17.15	18.85	19.00	19.00	19.75	18.45	18.60	20.00	.....	19.75	18.27
20	17.75	17.80	18.85	17.50	19.05	19.60	17.74	18.85	19.85	.....	18.25	18.62
25	17.70	18.10	18.90	17.70	19.20	18.83	17.05	19.20	19.80	e19.60	17.75	18.85
Eom	16.40	18.20	19.15	18.20	19.35	18.57	17.76	19.50	e19.80	19.67	17.90	18.92
1970												
5	19.19	17.38	18.30	17.40	17.18	18.98	19.64	20.19	20.87	21.40	21.38	21.21
10	.....	17.43	18.36	17.75	17.71	19.15	19.77	20.28	21.00	21.40	21.44	21.22
15	19.33	17.61	17.88	18.18	18.07	19.27	19.97	20.52	21.08	21.33	21.50	21.10
20	19.32	17.96	17.89	18.10	18.37	19.44	20.02	20.53	21.13	21.27	21.26	20.77
25	19.24	17.83	17.89	17.04	18.57	19.57	20.04	20.68	21.26	21.33	21.24	20.13
Eom	17.55	17.61	17.80	16.81	18.88	19.73	20.03	20.84	21.22	21.40	21.27	20.30
1971												
5	19.66	19.53	18.56	19.04	19.72	19.15	19.11	19.97	20.79	21.11	21.17	21.45
10	19.49	19.73	18.31	19.25	19.10	19.29	19.39	20.10	20.70	21.16	21.22	20.41
15	19.70	19.67	17.86	19.30	19.10	18.79	19.27	20.31	20.80	21.27	21.34	19.57
20	19.82	18.67	18.12	19.40	19.29	18.95	19.40	20.43	20.86	21.36	21.24	19.08
25	19.90	18.61	18.40	19.56	19.02	19.15	19.54	20.53	20.92	21.06	21.45	19.25
Eom	20.14	18.34	18.74	19.72	18.89	18.83	19.77	20.72	21.03	21.08	21.40	18.64
1972												
5	18.34	18.73	17.76	18.87	17.98	18.87	19.19	20.04	20.79	20.79	19.04	18.02
10	18.25	18.57	18.09	17.82	18.22	18.66	19.33	20.22	20.97	20.95	18.30	17.17
15	18.60	18.69	18.23	17.70	17.74	18.56	19.49	20.30	21.02	20.89	17.43	17.04
20	18.60	18.71	18.66	17.20	17.83	18.17	19.66	20.47	21.15	21.02	17.51	17.39
25	18.69	18.78	18.73	16.78	18.30	18.58	19.71	20.59	21.10	21.04	17.50	17.31
Eom	18.90	18.83	18.83	17.43	18.55	18.86	19.82	20.74	20.80	21.06	17.72	17.38

e Estimated.

Steuben County

414236N0850146.2. Local number Sb 3. U.S. Geol. Survey. Pokagon State Park. Drilled observation artesian well in sand and gravel, diam 6 in, depth 13 ft, casing information not available. Lsd about 990 ft above msl. MP top of recorder shelter at rear of recorder, 4.00 ft above lsd. Highest water level 1.06 above lsd, May 13, 1956; lowest 6.86 below lsd, Dec. 9, 10, 11, 1964. Records available: 1955-71. Measurement discontinued Sept. 24, 1971.

Highest water level for the day, above and below lsd, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-0.51	+0.52	-0.73	+0.21	-0.48	-0.54	-0.70	-1.10	-1.70	-2.36	-2.42	-0.76
10	.69	+2.22	.71	-.07	.51	.91	.68	1.06	1.85	2.36	2.29	1.04
15	.74	-.11	.52	.00	.59	1.18	1.02	1.46	2.03	2.42	1.96	.87
20	.82	.38	-.06	.02	.41	1.36	1.31	.80	2.02	2.43	1.26	.89
25	-.91	.62	+1.19	.26	.66	.33	.65	1.29	2.00	2.34	1.28	-.87
Eom	.00	.67	.07	.34	.20	.10	.87	1.63	2.21	2.39	.83	+0.04

414236N0850146.2--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-0.33	+0.37	-0.37	+0.20	+0.22	+0.26	-0.94	-1.71	-3.27	-3.70	-2.72	-1.74
10	.53	+1.10	.44	+0.90	.60	+1.60	.97	1.88	3.28	3.64	2.70	1.70
15	.66	-.13	.61	-.14	.22	-.18	1.35	2.22	3.49	3.08	2.72	1.85
20	-2.20	.28	.49	+7.4	+3.1	.48	1.44	2.46	3.51	2.89	1.78	1.94
25	+2.21	.24	.27	.41	-.03	.36	1.25	2.74	3.57	2.88	1.54	2.04
Eom	.73	.26	-.27	.55	-.41	.79	1.31	3.09	3.60	2.86	1.52	2.07
1970												
5	-2.18	-2.07	-0.95	-0.07	-0.13	-0.47	....	h-1.35	....	....	-1.86	-0.95
10	2.25	2.10	.99	-.23	-.38	.86	....	....	h-2.99	....	1.76	1.13
15	2.30	2.17	1.16	-.07	+2.1	.98	....	....	....	....	1.75	1.13
20	2.31	2.17	1.09	+1.7	-.15	1.32	....	....	....	....	1.57	1.08
25	2.34	1.59	1.00	.30	+1.1	1.41	....	....	....	-2.14	1.59	1.17
Eom	2.10	1.74	.50	+1.7	-.38	1.52	....	....	....	2.02	.97	1.38
1971												
5	-1.42	-0.88	-0.43	-0.16	-0.88	-1.07	-2.66	-2.99	-4.07	....	....	....
10	1.61	.93	-.37	.38	.71	1.19	2.91	3.10	4.22	....	....	....
15	1.69	.97	+2.5	.39	.92	1.53	2.65	3.34	4.34	....	....	....
20	1.69	.36	.32	.59	1.13	1.87	2.38	3.54	4.27	....	....	....
25	1.78	.29	+0.1	.74	.85	2.15	2.48	3.73	....	....	....	....
Eom	1.94	.21	-.14	.80	1.21	2.50	2.74	3.96	....	....	....	....

h Tape measurement.

Switzerland County

385113N0845415.1. Local number Sw 1. Walker Estate. Dug observation water-table well in sandy clay, diam 4 ft, depth 24 ft, cribbed with brick to 24. Lsd about 870 ft above msl. MP counter-weight hole in instrument shelf, 3.50 ft above lsd (since Sept. 11, 1968). Highest water level 1.44 below lsd, Feb. 22, 1971; lowest 21.90 below lsd, Dec. 2, 15, 1944. Records available: 1944-72. Recording gage installed Sept. 11, 1968.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	h9.50	h5.50	h14.90	h5.20	h13.70	h15.00	h15.90	17.55	17.92	14.60
10	.....	.....	h6.00	h5.30	.....	h11.30	h16.75	.....	h15.60	17.63	17.95	14.23
15	.....	.....	.....	h10.60	h6.80	.....	h16.40	h15.20	16.95	17.71	17.98	14.64
20	.....	h15.56	h13.70	.....	h10.80	h13.10	.....	h14.40	17.12	17.77	17.90	14.63
25	.....	.....	h2.60	h10.60	.....	h13.80	h16.70	.....	17.28	17.82	17.90	9.08
Eom	.....	.....	.....	h12.60	h2.50	.....	h16.20	h14.40	17.42	17.87	17.10	7.30
1969												
5	10.62	6.78	14.29	13.66	13.70	15.17	16.99	15.55	17.40	17.87	17.87	17.42
10	12.93	4.66	14.79	13.08	14.49	15.96	17.11	16.10	17.49	17.93	17.88	13.68
15	14.65	8.45	15.37	8.45	14.85	16.14	16.30	16.48	17.58	17.95	17.86	13.75
20	9.85	11.51	15.81	3.41	13.42	16.33	16.55	16.70	17.67	18.00	16.36	14.03
25	9.18	12.99	15.09	7.12	13.31	16.53	13.23	16.90	17.75	18.03	16.13	15.29
Eom	2.52	13.45	14.11	11.15	14.52	16.71	14.45	17.22	17.82	18.12	16.25	15.05
1970												
5	13.62	7.96	4.60	3.65	.....	14.53	16.70	17.32	17.70	17.31	16.50	15.99
10	13.78	8.94	6.43	7.85	.....	13.86	16.90	17.40	17.53	17.42	16.71	16.27
15	14.62	10.16	9.40	11.07	.....	14.52	17.11	17.45	17.56	16.95	16.71	16.29
20	13.69	9.70	5.82	12.71	.....	15.17	17.26	17.55	17.64	16.58	16.16	13.44
25	13.67	11.05	5.30	6.04	15.44	15.88	17.33	17.56	17.64	16.18	15.54	5.97
Eom	11.19	12.18	5.40	.....	15.98	16.37	17.32	17.63	17.26	16.40	15.72	9.98
1971												
5	8.36	10.80	8.22	12.89	16.42	16.27	15.68	.....	6.07	12.52	16.69	16.65
10	9.89	9.96	7.24	13.40	15.82	16.34	16.19	.....	10.10	14.33	16.96	7.31
15	7.80	7.80	6.55	14.38	15.74	15.27	16.60	.....	6.88	15.47	17.15	9.20
20	10.10	4.66	8.14	15.24	15.94	14.40	16.47	.....	8.22	16.09	17.28	10.62
25	12.39	3.96	10.03	15.73	15.88	14.76	.....	15.35	8.64	16.25	17.35	11.22
Eom	13.96	4.92	12.41	16.14	15.96	15.32	.....	11.26	h10.00	16.41	16.82	8.53
1972												
5	6.70	13.66	4.80	10.92	11.47	14.93	16.88	16.46	17.64	13.55	7.60	8.43
10	6.16	13.90	7.92	6.12	8.97	15.62	17.11	16.63	17.72	14.64	5.53	3.47
15	8.59	10.29	10.54	4.57	4.82	15.97	17.26	16.93	17.78	13.82	2.96	5.17
20	11.49	9.51	7.18	3.32	7.86	16.16	16.81	17.18	17.83	14.55	4.98	7.01
25	12.76	9.45	4.94	3.93	11.54	16.40	16.43	17.37	16.94	15.35	7.26	8.28
Eom	13.17	8.48	9.15	8.62	13.82	16.68	16.60	17.54	15.10	15.23	7.99	8.92

h Tape measurement.

Tiptecanoe County

402600N0865528.1. Local number Tc 7. Purdue University. State of Indiana. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 207 ft, cased, screen setting unknown. Lsd about 679 ft above msl. MP chiseled "x" on lip of manhole. 0.35 ft above lsd. Highest water level 159.57 below lsd, May 5, 14, 1950; lowest 173.6 below lsd, Sept. 23, 24, Oct. 11, 1971. Records available: 1945-72.

402600N0865528.1--Continued.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	169.0	168.1	.....	168.8	169.0	169.0	.....	169.4	169.5	169.7	169.2
10	.....	168.8	168.3	168.4	168.8	169.0	169.1	169.4	169.5	169.6	169.6	169.5
15	169.4	168.6	168.3	168.4	168.6	169.1	169.3	169.2	169.2	169.7	169.4	169.5
20	169.0	168.4	168.3	168.4	169.1	168.9	169.5	169.4	169.3	169.8	169.6	169.6
25	168.2	168.5	168.1	168.6	168.9	168.7	169.6	169.4	169.5	169.7	169.6	169.4
Eom	168.9	168.4	168.3	168.5	169.1	169.0	169.3	169.3	169.6	169.7	169.4	169.4
1969												
5	168.9	168.9	168.3	168.1	168.8	169.1	169.3	169.8	169.9	170.2	.....	169.7
10	169.2	168.7	168.4	168.2	168.7	168.9	169.4	169.9	170.0	170.2	.....	169.6
15	169.0	168.6	168.5	168.5	168.9	169.0	169.5	169.8	170.0	170.3	170.4	169.8
20	168.9	168.6	168.2	168.7	169.1	169.0	169.6	169.9	170.1	170.3	170.4	169.6
25	169.1	168.5	168.3	168.7	169.0	169.1	.....	169.9	170.1	170.4	h170.2	169.3
Eom	169.0	168.4	168.3	168.8	169.0	169.2	169.7	169.9	170.1	170.3	169.6	.....
1970												
5	.....	169.1	169.4	169.1	169.9	169.5	169.9	170.4	170.4	170.5	170.8	170.6
10	169.1	h169.0	169.4	169.5	.....	.....	169.9	170.3	170.4	170.8	170.8	170.4
15	169.2	169.2	169.5	169.7	169.8	h169.5	169.9	170.3	h170.4	170.8	170.9	170.4
20	169.2	.....	169.4	169.4	169.7	169.4	170.1	170.3	170.7	170.7	170.4	170.4
25	168.7	169.2	.....	169.9	169.7	169.5	170.2	170.3	170.9	170.7	170.6	169.9
Eom	168.9	169.4	h169.4	169.8	169.8	h169.6	170.3	170.4	170.7	170.8	170.5	169.8
1971												
5	169.8	169.4	169.5	169.4	170.1	171.2	171.8	172.5	173.1	173.2	172.9	172.3
10	169.8	169.7	169.4	169.4	170.5	.....	172.0	172.4	173.1	173.1	172.6	171.8
15	170.0	169.8	169.2	169.5	170.5	171.3	172.2	172.7	173.2	173.2	172.6	171.9
20	169.7	169.7	169.4	169.7	170.8	171.4	h172.3	172.7	173.3	173.2	172.4	172.2
25	169.6	.....	169.2	170.1	170.0	171.4	172.3	172.9	173.4	173.1	172.4	171.8
Eom	169.9	.....	169.1	170.2	171.2	171.5	172.4	173.0	173.5	173.1	172.4	171.6
1972												
5	171.4	170.5	171.1	171.3	171.5	171.9	172.3	172.5	173.1	172.8	172.2	170.9
10	171.2	170.7	171.1	171.1	171.7	172.2	172.2	172.6	173.2	172.7	171.8	171.0
15	171.6	170.5	170.9	171.2	171.6	172.0	172.2	172.7	173.1	172.5	171.9	170.8
20	171.1	170.8	171.3	171.5	171.6	171.9	172.4	172.7	173.1	172.4	171.7	170.6
25	171.3	170.7	171.4	171.4	171.9	171.9	172.4	172.8	173.0	172.3	171.1	170.4
Eom	170.8	170.7	171.4	171.2	172.1	172.1	172.5	173.1	173.1	172.2	171.0	170.1

h Tape measurement.

Union County

393644N0895721.1. Local number Un 6. U.S. Geol. Survey. Drilled observation artesian well in limestone, diam 6 in, depth 62 ft, casing information not available. Lsd about 940 ft above msl. MP top of collar welded on casing, 3.00 ft above lsd. Highest water level 9.33 below lsd, Apr. 28, 29, 1970; lowest 16.94 below lsd, Sept. 30, 1971. Records available: 1966-71. Measurement discontinued Oct. 1, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.10	13.30	14.10	13.05	13.55	9.95	13.15	14.00	14.75	15.20	15.49	14.76
10	14.20	13.20	14.20	12.85	13.75	11.00	13.40	14.00	14.85	15.25	15.37	14.70
15	14.20	13.40	14.35	12.95	13.00	11.85	13.70	14.15	14.90	15.30	15.37	14.64
20	13.40	13.55	14.35	13.05	12.50	12.00	13.80	14.30	14.95	15.37	15.27	14.63
25	14.30	13.80	14.05	13.10	10.95	12.40	13.90	14.45	15.05	15.42	15.29	14.39
Eom	13.80	13.90	13.40	13.35	9.40	12.80	13.90	14.65	15.15	15.47	15.12	13.69
1969												
5	13.56	11.50	12.42	12.99	12.95	12.95	13.66	13.89	14.15	14.70	15.00	14.67
10	13.59	11.11	12.62	12.90	12.93	13.25	13.62	13.76	14.20	14.78	15.06	14.52
15	13.73	11.15	12.91	13.02	13.01	13.45	13.79	13.68	14.34	14.84	15.08	14.48
20	13.15	11.60	13.00	12.68	12.45	13.50	13.84	13.60	14.40	14.89	14.80	14.48
25	13.08	11.93	13.05	12.57	12.32	13.43	13.69	13.75	14.47	14.95	14.73	14.48
Eom	11.87	12.15	13.18	12.75	12.58	13.41	13.74	14.03	14.61	15.00	14.66	14.50
1970												
5	.....	13.26	12.70	10.65	10.12	13.06	14.21	14.94	15.54	15.90	16.07	16.10
10	.....	12.98	.....	10.48	10.83	.....	14.35	15.05	15.63	15.95	16.10	16.14
15	.....	12.90	12.23	10.95	11.51	.....	14.54	15.18	15.68	15.94	16.12	16.17
20	.....	12.92	12.37	11.14	12.01	13.64	14.69	15.28	15.74	16.02	16.10	16.07
25	.....	13.02	12.36	10.08	12.38	13.86	14.81	15.33	15.80	16.00	16.08	15.86
Eom	14.06	13.09	12.40	9.39	12.88	14.04	14.78	15.48	15.84	16.05	16.07	15.83
1971												
5	15.73	15.66	14.07	13.56	14.48	14.59	15.34	15.96	16.57	.....	.....	.....
10	15.62	15.60	13.80	13.64	14.01	14.73	15.47	16.07	16.65	.....	.....	.....
15	15.60	15.54	13.27	13.80	13.85	14.86	15.55	16.18	16.74	.....	.....	.....
20	15.63	15.35	13.12	14.02	13.99	14.96	15.67	16.29	16.85	.....	.....	.....
25	15.66	14.72	13.23	14.15	14.19	15.00	15.79	16.38	16.89	.....	.....	.....
Eom	15.67	14.38	13.40	14.33	14.39	15.18	15.87	16.50	16.93	.....	.....	.....

Vanderburgh County

380608N0873959.1. Local number Va 6. U.S. Geol. Survey. Drilled observation artesian well in Patoka Formation of Late Pennsylvanian age, diam 6 in, depth 125 ft, cased to 80. Lsd 446.58 ft above msl. MP top of platform, 3.47 ft above lsd. Highest water level 24.88 below lsd, Apr. 3, 4, 1968; lowest 29.45 below lsd, Oct. 20, 1972. Records available: 1965-72.

380608N0873959.1--Continued.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	25.52	25.33	25.12	25.42	25.28	26.41	26.86	.....	27.85	.....	29.01
10	.....	25.39	25.35	25.17	25.40	25.58	26.58	26.97	27.68	27.87	h28.71	29.35
15	25.48	25.40	25.44	25.16	25.18	25.87	26.94	26.92	27.67	27.95	28.88	29.29
20	.....	25.26	25.31	24.94	25.33	26.04	27.14	27.14	27.52	27.93	29.16	.....
25	25.58	25.45	25.30	25.02	.....	26.03	27.25	27.34	27.68	27.93	29.27	.....
Eom	25.53	25.36	25.14	25.15	.....	h26.21	26.92	27.40	27.77	27.98	29.26	.....
1969												
5	28.72	27.90	27.53	27.19	27.23	27.44	27.67	27.40	27.54	27.68	27.44	.....
10	28.73	27.84	27.44	27.22	27.08	27.53	27.51	27.44	27.60	27.65	27.40	26.83
15	28.75	27.70	27.57	27.13	27.30	27.52	27.53	27.55	27.64	27.52	27.33	26.95
20	28.41	27.80	27.38	27.14	27.19	27.49	27.67	27.45	27.73	27.59	.....	26.62
25	28.48	27.72	27.25	27.10	27.32	.....	27.42	.....	27.63	.....	.....	26.70
Eom	28.05	27.52	27.50	27.16	27.32	27.74	27.40	27.70	27.65	27.47	e27.20	.....
1970												
5	26.72	26.66	.....	25.88	25.89	26.11	26.55	27.18	27.60	.....	.....	27.62
10	26.76	26.45	26.09	25.92	26.03	26.41	26.60	27.01	27.61	.....	27.73	27.84
15	26.67	26.43	26.20	25.92	26.09	26.29	.....	27.23	27.72	27.81	27.80	27.57
20	26.65	.....	.....	25.74	26.25	26.27	26.96	27.36	27.69	27.90	27.48	27.65
25	26.44	.....	25.73	.....	26.35	.....	27.27	27.39	27.82	h27.82	27.69	27.35
Eom	26.68	.....	25.95	.....	26.37	26.57	27.04	27.71	27.80	27.82	27.74	27.33
1971												
5	27.33	.....	26.75	26.83	26.62	26.98	27.38	.....	e28.04	28.06	28.30	28.45
10	h27.25	.....	26.54	26.86	26.64	26.97	27.49	.....	27.95	28.08	28.35	28.10
15	.....	26.97	26.46	26.81	26.71	26.83	27.25	h27.95	28.03	28.14	28.40	28.10
20	.....	26.87	26.59	26.70	27.00	27.02	27.45	.....	28.01	28.24	28.15	28.30
25	26.96	26.78	26.72	h26.80	26.86	27.23	h27.40	28.09	28.05	28.10	28.50	28.45
Eom	h27.11	26.85	26.74	26.79	26.98	27.40	27.62	.....	28.03	28.25	28.25	28.40
1972												
5	28.30	28.20	27.70	27.45	27.20	27.70	e28.20	28.60	29.05	29.15	29.30	28.77
10	28.10	.....	27.80	27.40	27.25	27.80	28.15	.....	29.25	29.30	29.05	28.63
15	28.45	27.90	27.35	27.00	27.05	27.95	28.30	.....	29.25	29.35	29.15	28.45
20	28.25	28.00	27.50	27.15	27.25	.....	28.30	.....	29.35	29.45	28.90	28.30
25	28.35	27.75	27.40	27.25	27.50	.....	28.25	28.80	29.30	29.40	28.75	28.30
Eom	28.15	27.80	27.20	27.20	27.65	.....	28.40	28.95	29.10	29.25	28.87	28.25

e Estimated.

h Tape measurement.

Vigo County

392050N0872354.1. Local number Vi 5. Firman Equipment Corp. Youngstown. Drilled unused artesian well in Pennsylvanian sandstones, diam 8 in, depth 100 ft, cased to 29. Lsd 575.76 ft above msl. MP top of recorder platform, 3.08 ft above lsd. Highest water level 3.99 below lsd, Feb. 2, 3, 1968; lowest 13.68 below lsd, Dec. 30, 31, 1963. Records available: 1955-71. Measurement discontinued Sept. 10, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.12	4.09	e5.95	4.10	5.60	4.57	6.35	6.32	....	9.35	h10.00	6.50
10	5.41	4.29	5.98	4.58	5.82	5.26	6.55	....	....	9.49	9.86	6.53
15	5.48	4.95	5.90	5.08	5.02	5.67	6.78	....	8.48	9.62	9.89	6.47
20	5.66	5.34	4.60	4.89	5.15	5.93	6.95	....	8.60	9.72	8.78	6.32
25	4.89	5.62	4.33	4.83	4.49	6.04	6.92	....	8.83	9.85	8.41	5.86
Eom	4.13	5.77	4.35	5.31	4.30	6.07	6.09	....	9.12	....	7.58	4.93
1969												
5	5.26	4.38	5.36	4.82	5.14	6.20	5.83	5.91	....	7.56	4.55	4.82
10	5.59	4.20	5.44	4.42	5.40	6.37	....	6.21	h8.07	7.63	4.65	4.48
15	5.97	4.65	5.56	4.34	5.67	6.10	h5.44	6.48	7.94	5.45	....	4.68
20	5.34	5.16	5.61	4.16	5.77	5.10	5.80	6.74	....	5.38	4.23	4.93
25	4.88	5.19	5.39	4.75	5.82	5.16	5.49	7.11	7.34	5.54	4.16	5.11
Eom	4.38	5.15	5.07	4.83	6.01	5.46	5.52	7.56	7.42	5.78	4.45	5.18
1970												
5	5.07	4.13	4.17	4.53	4.44	5.51	6.27	7.44	8.82	9.44	7.43	6.00
10	5.05	4.02	4.28	4.87	4.99	5.62	6.46	7.59	9.11	8.90	7.00	6.15
15	5.08	4.08	4.79	5.16	4.44	5.74	6.70	7.77	9.35	8.38	6.45	6.20
20	5.20	4.50	4.67	4.78	4.26	5.84	6.90	....	9.59	8.26	6.00	5.60
25	5.08	4.66	4.50	4.23	5.01	....	7.14	....	9.77	8.19	5.80	5.15
Eom	5.00	4.80	4.48	4.08	5.50	....	7.26	8.65	9.30	7.90	5.95	5.60
1971												
5	5.15	5.75	4.75	5.65	6.30	5.10	6.65	6.70	8.45	....	....	....
10	5.25	5.65	4.75	5.80	6.15	5.45	6.60	7.00	8.70	....	....	....
15	5.55	5.70	4.75	5.85	5.90	5.60	6.15	7.20	....	....	....	....
20	5.75	5.10	4.85	5.95	6.00	6.00	5.90	7.50	....	....	....	....
25	5.85	4.40	5.15	6.05	5.90	6.15	....	7.80	....	....	....	....
Eom	5.95	4.25	5.45	6.20	5.80	6.40	....	8.15	....	....	....	....

e Estimated.

h Tape measurement.

392818N0872433.1. Local number Vi 7. Indiana State University. Terre Haute. Drilled observation water-table well in sand and gravel, diam 6 in, depth 70 ft, cased to 70, screened. Lsd about 502 ft above msl. MP top of recorder platform, 3.00 ft above lsd. Highest water level 46.91 below lsd, June 2, 1970; lowest 51.88 below lsd, Sept. 20, 25, 30, 1972. Records available: 1970-72. Recording gage installed Feb. 2, 1970.

392818N0872433.1--Continued.

Highest water level for the day, from recorder graph, 1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	49.90	49.59	49.40	47.75	46.95	47.85	49.05	49.45	.....	49.80	49.90
10	.....	49.72	49.64	49.25	47.38	47.07	48.05	49.05	49.55	49.75	49.75	49.90
15	.....	49.60	49.56	49.15	47.33	47.32	48.30	49.10	49.60	49.75	49.85	49.95
20	.....	49.58	49.56	49.07	47.20	47.52	48.55	49.20	.....	49.60	49.80	50.00
25	.....	49.54	49.58	48.97	46.99	47.64	48.75	49.30	.....	49.60	49.85	50.10
Eom	.....	49.57	49.54	48.40	46.93	47.71	48.90	49.35	.....	49.75	49.90	50.10
1971												
5	50.15	50.54	49.16	48.15	49.07	49.86	50.21	50.37	50.70	51.03	51.20	51.40
10	50.20	50.45	48.70	48.18	49.33	49.88	50.32	50.39	50.80	51.00	51.20	51.45
15	50.25	50.28	48.46	48.19	49.52	49.90	50.40	50.45	50.81	51.03	51.20	51.50
20	50.35	50.17	48.35	48.37	49.68	49.94	50.43	50.50	50.89	51.08	51.30	51.25
25	50.39	49.97	48.17	48.61	49.78	50.00	50.44	50.57	50.89	51.13	51.30	50.85
Eom	50.49	49.71	48.08	48.85	49.80	50.09	50.36	50.59	50.95	51.21	51.35	50.40
1972												
5	50.25	50.10	50.60	50.75	48.80	49.26	50.08	51.04	51.60	51.67	50.83	48.97
10	50.05	50.20	50.70	50.65	48.65	49.50	50.23	51.12	51.70	51.38	50.57	48.39
15	50.00	50.20	50.75	50.45	48.60	49.70	50.39	51.20	51.80	51.19	50.31	48.82
20	49.95	50.35	50.80	50.15	48.70	49.80	50.60	51.27	51.88	51.02	50.00	48.56
25	50.05	50.40	50.80	49.75	48.80	49.84	50.80	51.38	51.88	50.97	49.54	48.43
Eom	50.05	50.45	50.80	49.20	49.00	49.94	50.95	51.52	51.88	50.94	49.20	48.28

Wayne County

394426N0850806.1. Local number We 6. U.S. Geol. Survey. Drilled observation water-table well in sand and gravel, diam 6 in, depth 49 ft, cased to 47, screened. Lsd about 888 ft above msl. MP top of collar, 3.25 ft above lsd. Highest water level 10.85 below lsd, May 16-18, 1967, May 31, 1968; lowest 20.74 below lsd, Nov. 7, 8, 1966. Records available: 1966-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.65	14.70	15.45	15.00	14.90	11.30	13.60	14.05	14.65	15.90	16.97	16.21
10	15.65	14.67	15.62	14.60	15.05	11.85	13.85	13.95	14.85	16.05	17.13	15.88
15	15.75	14.84	15.78	14.45	14.60	12.45	14.05	13.90	15.15	16.24	17.26	15.72
20	15.90	15.01	15.87	14.50	13.85	12.80	14.25	14.00	15.35	16.42	17.06	15.66
25	15.73	15.14	15.85	14.60	.....	13.10	14.40	14.15	15.55	16.60	16.92	15.52
Eom	15.10	15.27	15.50	14.75	10.90	13.35	14.45	14.40	15.70	16.82	16.65	15.48
1969												
5	14.37	h11.71	13.35	14.12	13.38	13.60	13.20	12.30	14.10	15.15	16.10	15.52
10	14.43	11.86	13.55	14.09	13.56	13.85	13.30	12.75	14.34	15.32	16.21	15.30
15	14.61	12.08	13.32	14.11	13.73	13.65	13.38	13.03	14.57	15.42	16.33	15.28
20	12.78	12.50	14.00	13.53	13.79	13.45	12.20	13.28	14.65	15.62	16.00	15.35
25	12.96	12.85	14.13	13.20	13.20	13.05	11.50	13.55	14.75	15.78	15.64	15.45
Eom	.....	13.04	14.16	13.21	13.40	13.00	11.75	13.86	14.90	15.98	15.50	15.62
1970												
5	15.77	.....	14.69	13.49	13.08	14.65	15.72	16.79	17.64	18.47	18.79	18.95
10	.....	.....	14.48	13.50	13.42	14.83	15.89	16.95	17.79	18.60	18.85	18.95
15	16.07	.....	14.46	13.51	13.65	15.01	16.07	17.09	17.92	18.72	18.90	18.95
20	16.23	.....	14.59	13.51	13.90	15.22	16.25	17.25	18.05	18.23	18.97	18.90
25	16.40	.....	14.70	13.02	14.17	15.42	16.42	17.37	18.18	18.74	18.95	18.71
Eom	15.27	.....	14.69	12.82	14.45	15.55	16.64	17.52	18.32	18.76	18.94	18.50
1971												
5	18.16	16.34	13.08	14.64	15.80	15.43	16.25	17.13	18.22	19.09	19.53	19.94
10	17.84	16.16	13.62	14.84	15.04	15.59	16.46	17.27	18.38	19.16	19.60	19.95
15	17.69	16.07	13.95	15.03	14.94	15.75	16.64	17.42	18.55	19.29	19.66	19.74
20	17.60	14.24	13.97	15.22	14.99	15.91	16.84	.....	18.70	19.40	19.74	19.19
25	17.60	12.44	14.12	15.41	15.10	15.91	17.00	.....	18.80	19.46	19.81	18.94
Eom	17.64	12.58	14.38	15.60	15.29	16.05	17.06	18.05	18.88	19.51	19.89	18.70
1972												
5	18.42	17.69	16.92	16.94	13.75	14.01	14.96	16.34	17.60	18.48	18.25	14.64
10	18.20	17.70	16.91	15.77	13.90	14.17	15.14	16.55	17.76	18.51	17.77	13.77
15	17.75	17.60	16.91	15.29	13.90	14.35	15.35	16.76	17.94	18.53	16.22	13.25
20	17.75	17.26	.....	14.46	13.84	14.43	15.57	16.97	18.12	18.57	15.02	13.18
25	17.79	17.07	.....	13.75	13.98	14.59	15.81	17.16	18.31	18.63	14.65	13.14
Eom	17.72	16.99	.....	13.67	14.06	14.77	16.14	17.39	18.41	18.73	14.62	13.37

e Estimated.

h Tape measurement.

Wells County

404331N0850647.1. Local number W1 4. U.S. Geol. Survey. Drilled observation artesian well in silty dolomite, diam 6 in, depth 79 ft, cased to 46. Lsd about 830 ft above msl. MP top of shelter floor, 2.35 ft above lsd. Highest water level 18.49 below lsd, Apr. 27, 1967; lowest 23.56 below lsd, Oct. 21, 1967. Records available: 1967-71. Measurement discontinued Sept. 9, 1971.

404331N0850647.1--Continued.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.62	19.73	21.10	20.26	21.16	20.44	21.42	21.33	21.78	22.25	22.37	21.53
10	21.79	20.33	21.31	20.40	21.33	20.79	21.61	20.94	21.86	22.30	22.35	21.96
15	21.51	20.73	21.50	20.63	21.21	21.20	21.79	21.22	21.99	22.32	22.27	21.98
20	21.77	20.74	20.74	20.51	21.45	21.45	21.87	21.13	22.09	22.35	22.20	21.81
25	21.43	21.21	20.49	20.72	21.01	21.11	21.63	21.44	22.12	22.32	22.18	21.78
Eom	20.42	21.18	20.22	20.83	20.04	21.07	21.75	21.64	22.19	22.41	22.04	20.90
1969												
5	20.96	19.92	20.82	20.25	20.31	20.63	20.61	21.47	22.28	21.99	21.24	20.84
10	21.35	20.25	20.92	19.77	20.02	20.67	20.25	21.57	22.41	21.84	21.28	20.38
15	21.42	20.54	21.12	20.21	20.30	20.62	20.79	21.72	22.49	21.17	21.29	20.68
20	20.37	20.86	20.81	19.39	19.97	20.46	21.00	21.85	22.26	21.23	20.58	20.77
25	20.58	20.81	20.48	19.66	19.98	20.23	21.08	21.96	22.00	21.43	20.24	20.79
Eom	19.47	20.73	20.61	20.11	20.38	20.52	21.32	22.24	21.98	21.29	20.22	20.73
1970												
5	20.94	19.90	19.97	19.30	19.28	19.77	20.43	21.24	21.88	22.33	22.26	22.11
10	20.90	19.96	19.81	19.66	19.46	19.98	20.62	21.33	22.04	22.40	22.28	22.25
15	20.99	20.15	20.04	19.85	19.25	19.86	20.75	21.54	22.20	22.43	22.38	22.08
20	20.98	20.40	20.10	18.71	19.52	20.20	20.92	21.61	22.21	22.30	22.03	22.11
25	20.76	19.95	19.66	18.55	19.59	20.17	21.13	21.76	22.29	22.28	22.26	21.76
Eom	19.81	20.39	19.72	18.85	20.02	20.01	20.98	21.88	22.17	22.35	22.26	21.96
1971												
5	21.95	21.78	21.16	21.33	21.46	20.78	21.75	22.36	22.69	.....	.....	.....
10	21.80	21.77	21.16	21.48	20.78	20.84	21.93	22.23	.....	.....	.....	.....
15	22.06	21.79	20.79	21.30	20.89	21.04	21.74	22.46	.....	.....	.....	.....
20	21.90	20.95	20.71	21.28	21.17	21.29	22.01	22.51	.....	.....	.....	.....
25	21.70	21.04	21.06	21.47	20.97	21.50	21.99	22.58	.....	.....	.....	.....
Eom	22.08	21.15	21.09	21.65	20.96	21.57	22.11	22.74	.....	.....	.....	.....

Whitley County

410337N0852642.1. Local number Wy 3. U.S. Geol. Survey. Drilled observation artesian well in gravel and sand, diam 6 in, depth 191 ft, cased to 188, screened 188-191. Lad about 870 ft above msl. MP top of shelter floor, 2.50 ft above lsd. Highest water level 49.94 below lsd, May 25, 26, 1970; lowest 52.59 below lsd, Jan. 18, 1967. Records available: 1966-71. Measurement discontinued Sept. 24, 1971.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	51.52	50.99	51.00	50.83	50.64	50.64	50.75	50.93	51.28	51.42	51.46
10	51.71	51.11	51.06	50.98	50.94	50.57	50.60	50.78	50.98	51.34	51.49	51.92
15	51.31	51.07	51.28	50.86	50.73	50.69	50.69	50.83	51.11	51.35	51.54	51.82
20	51.52	50.98	51.24	50.68	50.79	50.75	50.71	50.87	51.08	51.32	51.70	51.59
25	51.50	51.21	51.17	50.68	50.75	50.35	50.66	50.93	51.13	51.32	51.77	51.79
Eom	51.54	51.08	51.03	50.76	50.66	50.57	50.71	50.99	51.26	51.41	51.88	51.66
1969												
5	51.51	51.31	51.24	51.06	50.87	50.38	50.14	50.32	50.79	51.03	51.07	51.24
10	51.55	51.25	51.19	51.00	50.44	50.37	50.16	50.27	50.86	50.91	51.15	50.98
15	51.69	51.29	51.38	51.00	50.75	50.35	50.17	50.44	50.87	50.98	51.07	51.12
20	51.50	51.42	51.12	50.99	50.63	50.16	50.17	50.54	50.95	50.95	51.20	51.19
25	51.53	51.28	50.95	50.90	50.57	50.13	50.12	50.66	50.83	51.20	51.28	51.09
Eom	51.41	51.23	51.44	50.88	50.40	50.24	50.19	50.82	50.96	51.05	50.98	51.04
1970												
5	51.22	51.32	51.21	50.78	50.31	50.05	50.69	.....	50.98	51.13	50.95	50.74
10	51.23	51.16	51.16	50.79	50.10	50.16	.....	.....	50.96	51.07	50.91	50.80
15	51.25	51.19	51.11	50.77	50.07	50.27	.....	50.91	51.06	51.20	50.99	50.72
20	51.17	51.38	50.99	50.30	50.15	50.33	.....	50.87	51.05	51.16	50.63	50.79
25	50.99	51.20	50.79	50.52	49.94	50.40	.....	50.95	51.13	51.06	50.86	50.43
Eom	51.28	51.39	51.02	50.33	50.10	50.49	.....	51.09	51.06	51.08	50.90	50.55
1971												
5	50.54	50.32	50.81	50.91	50.61	50.69	50.57	50.95	51.08	.....	.....	.....
10	50.51	50.75	50.70	50.89	50.78	50.64	50.63	50.78	51.05	.....	.....	.....
15	50.73	50.73	50.50	50.72	50.73	50.47	50.60	50.97	51.00	.....	.....	.....
20	50.60	50.60	50.65	50.64	50.78	50.51	50.68	50.96	51.11	.....	.....	.....
25	50.46	50.70	50.85	50.59	50.51	50.50	50.66	51.00	.....	.....	.....	.....
Eom	50.61	50.77	50.77	50.76	50.77	50.59	50.81	51.14	.....	.....	.....	.....

References

- Cable, L. W., Daniel, J. F., Tate, C. H., and Wolf, R. J., 1971, Water resources of the upper White River Basin, east-central Indiana: U.S. Geol. Survey Water-Supply Paper 1999-C, 38 p., 4 pl., 21 figs.
- Cable, L. W., Daniel, J. F., and Wolf, R. J., 1968, Ground-water surface-water relation during periods of overland flow: U.S. Geol. Professional Paper 700-B, pgs. B 219-223.
- Cable, L. W., Robison, T. M., and Watkins, F. A., Jr., 1971, Hydrology of the principal aquifers in Vigo and Clay Counties, Indiana: Indiana Dept. of Natural Resources, Div. of Water Bull. 34, 34 p., 4 pl., 16 figs.
- Heisel, J. E., Hoggatt, R. E., and Tate, C. H., 1972, Evaporation from Morse Reservoir, Indiana: U.S. Geol. Survey open-file rept., 33 p.
- Hunn, J. D., 1968, Ground-water reconnaissance of Harrison County, Indiana: Indiana Dept. Natural Resources, Div. of Water, Bull. 40, 42 p., 2 pl., 7 figs.
- Hunn, J. D., and Reussow, J. P., 1968, Preliminary evaluation of the ground-water resources in the Calumet-Kankakee hydrologic area: U.S. Geol. Survey open-file rept.

References--Continued.

- Maclay, R. W., and Heisel, J. E., 1972, Electric analog model study of the upper White River Basin, Indiana: U.S. Geol. Survey open-file rept., 27 p.
- Nyman, D. J., and Pettijohn, R. A., 1968, Wabash comprehensive study: Appendix G - Ground water: U.S. Geol. Survey open-file rept.
- Pettijohn, R. A., 1968, Reconnaissance of the ground-water resources of the St. Joseph River Basin in Indiana: U.S. Geol. Survey open-file rept.
- Pettijohn, R. A., and Reussow, J. P., 1969, Reconnaissance of the ground-water resources of the lower Ohio River Basin in Indiana: U.S. Geol. Survey open-file rept.
- Robison, T. M., 1967, Ground-water resources of Posey County, Indiana: Indiana Dept. Natural Resources, Div. of Water, Bull. 39, 57 p., 2 pl., 10 figs.
- Rohne, Paul B., Jr., 1972, Low-flow characteristics of Indiana streams: U.S. Geol. Survey open-file rept., 322 p.
- Tate, C. H., Davis, L. G., Johnson, L. E., and Pettijohn, R. A., 1971, Water resources of the upper Wabash River Basin, northeastern Indiana: U.S. Geol. Survey, Hydrol. Inv. Atlas HA 433, 3 sheets, open file.
- Watkins, F. A., Jr., and Heisel, J. E., 1970, Electrical-analog-model study of water resources of the Columbus area, Bartholomew County, Indiana: U.S. Geol. Survey Water-Supply Paper 1981, 22 p., 3 pl., 4 figs.
- Wolf, R. J., 1969, Reconnaissance of the ground-water resources of the Whitewater River Basin and selected adjacent areas in southeast Indiana: U.S. Geol. Survey open-file rept.

MAINE

The observation-well program in Maine was continued during the period 1968 through 1972 in cooperation with the Maine Public Utilities Commission. 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. Local well numbers are also given.

The local number, which was used in previous reports, consists of an abbreviation of the county name and a serial number assigned within each county.

Well Descriptions and Water-Level Measurements

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

Androscoggin County

440227N0701241.1. Local number An 1. Ernest L. Libby. Auburn. Dug unused water-table well in marine deposits, diam 4 ft, depth 15 ft, cased with rock to 15. Lsd about 220 ft above msl. MP top of granite well curb, at lsd. Highest water level 3.30 below lsd, June 16, 1960; lowest 10.23 below lsd, Nov. 16, 1965. Records available: 1959-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	5.37	Apr. 28, 1969	4.63	June 28, 1970	4.45	Oct. 28, 1971	5.21
Feb. 15	4.75	May 26	4.67	July 16	3.89	Nov. 15	5.28
Feb. 27	4.85	May 26	4.68	July 28	3.91	Nov. 28	5.32
Mar. 15	5.36	June 15	4.56	Aug. 15	4.38	Dec. 27	4.66
27	4.33	29	4.54	28	5.37	Jan. 15, 1972	4.81
Apr. 15	4.25	July 15	4.47	Sept. 15	6.56	28	4.96
28	4.15	28	4.49	28	7.23	Feb. 15	4.95
May 14	4.25	Aug. 15	4.08	Oct. 15	7.85	28	5.52
28	4.25	29	4.29	28	5.23	Mar. 15	6.25
June 15	4.08	Sept. 15	4.03	Nov. 16	4.41	28	5.43
28	4.19	28	4.33	Dec. 15	3.92	Apr. 15	4.49
July 15	4.27	Oct. 16	4.41	28	3.97	28	4.78
Aug. 15	4.55	28	4.31	Jan. 2, 1971	4.45	May 14	4.82
Aug. 28	4.97	Nov. 15	4.08	15	4.65	28	4.75
28	5.50	28	4.00	28	4.35	June 16	4.72
Sept. 17	6.98	Dec. 15	4.09	Apr. 15	3.86	28	4.47
28	7.51	30	3.81	28	3.99	July 15	4.45
Oct. 14	8.14	Jan. 15, 1970	3.91	May 14	3.88	28	4.33
Nov. 15	8.59	28	4.40	28	3.84	Aug. 15	4.52
29	7.86	Feb. 16	4.28	June 28	4.47	28	5.45
29	4.67	25	4.68	28	4.79	Sept. 15	5.73
Dec. 15	4.71	Mar. 15	4.66	July 15	4.80	28	5.27
30	4.78	30	4.35	28	5.27	Oct. 15	4.65
Jan. 15, 1969	4.85	Apr. 15	4.20	Aug. 14	5.43	28	4.64
28	4.77	28	3.99	28	6.09	Nov. 15	4.62
Feb. 28	e5.20	May 15	3.94	Sept. 14	7.06	28	4.38
Mar. 31	4.68	28	3.88	28	7.34	Dec. 15	4.50
Apr. 15	4.64	June 15	4.28	Oct. 15	6.66	28	4.20

e Estimated.

Aroostook County

464619N0682804.1. Local number Ar 1. H. L. Stevens. Portage Lake. Driven unused water-table well in sand, diam 1½ in, depth 8 ft (previously reported 11 ft), screened 8-11. Lsd about 930 ft above msl. MP top of pipe, 2.00 ft above lsd. Highest water level flowing, Dec. 21, 1957; lowest dry, several times, 1947-48, 1950, 1952-53, 1955, 1957, 1960, 1964-65, 1967-68, 1970-71. Records available: 1942-72.

Jan. 15, 1968	6.13	May 14, 1968	3.20	Aug. 31, 1968	(f)	Jan. 13, 1969	5.20
30	7.47	27	4.86	Sept. 14	(f)	29	5.09
Feb. 14	2.70	29	5.09	30	(f)	Feb. 15	5.47
30	5.00	June 14	6.34	Oct. 15	(f)	27	5.60
Mar. 15	6.30	29	7.00	31	3.40	Mar. 15	5.50
30	2.00	July 15	7.83	Nov. 15	6.40	29	2.68
Apr. 13	.70	31	7.70	30	5.60	Apr. 14	1.02
29	1.75	Aug. 15	(f)	Dec. 30	4.29	29	1.00

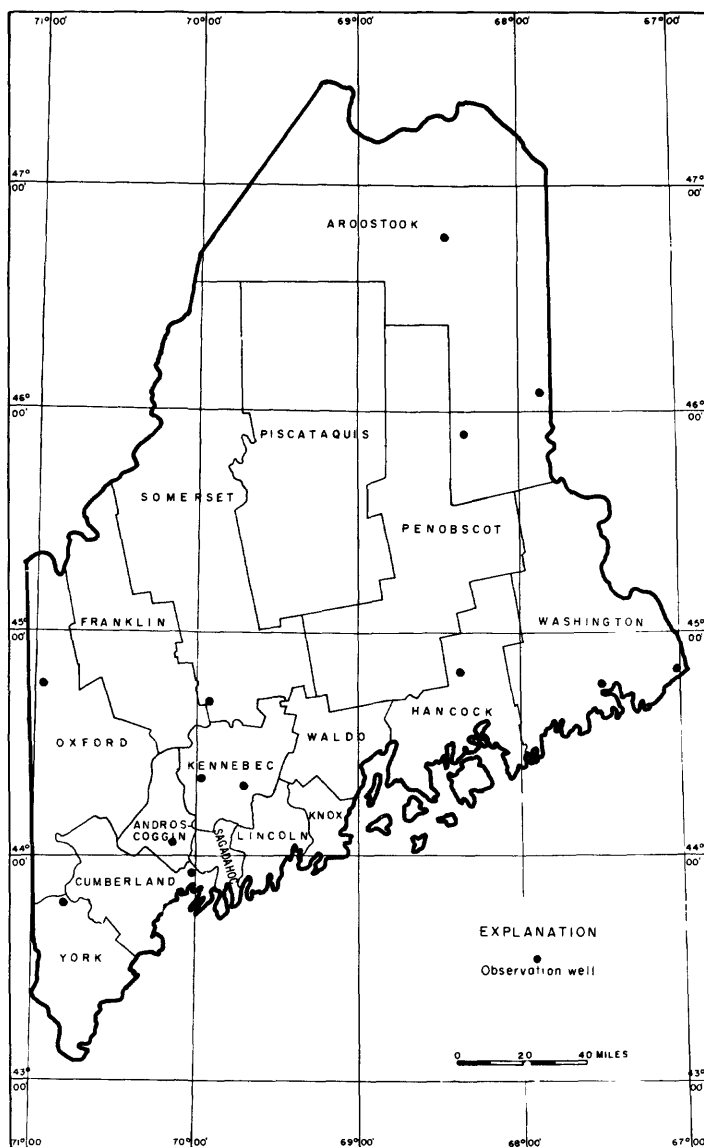


Figure 5.--Location of observation wells in Maine, 1968-72.

#64619N0682804.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
May 15, 1969	1.80	Apr. 15, 1970	1.25	Feb. 28, 1971	5.60	Feb. 14, 1972	7.18
May 29	2.58	29	1.40	Mar. 15	6.35	28	7.40
June 16	2.48	May 14	1.53	30	4.50	Mar. 13	(f)
28	3.71	25	2.63	Apr. 15	1.40	28	2.80
July 15	5.53	30	3.53	27	1.00	Apr. 12	2.70
31	6.24	June 14	3.60	May 14	2.16	27	1.40
Aug. 15	4.03	30	5.80	27	3.10	May 15	1.78
30	6.24	July 17	6.42	June 14	5.30	28	3.35
Sept. 13	2.51	31	7.30	28	6.40	June 12	3.00
Oct. 3	3.97	Aug. 28	(f)	July 14	(f)	28	4.37
30	6.25	31	(f)	28	(f)	July 13	3.76
Nov. 12	1.58	Sept. 15	7.35	Aug. 14	(f)	28	5.75
29	2.91	Oct. 1	5.37	28	(f)	Aug. 13	6.74
Dec. 15	2.08	14	2.53	Sept. 30	6.86	29	5.41
31	2.38	31	2.70	Oct. 13	5.23	Sept. 13	3.19
Jan. 15, 1970	4.03	Nov. 15	4.30	29	5.32	29	5.40
30	6.29	Dec. 1	3.04	Nov. 13	5.38	Oct. 13	3.28
Feb. 14	2.50	15	4.80	29	6.10	26	3.60
19	3.94	31	5.90	Dec. 14	2.15	Nov. 13	2.61
28	4.80	Jan. 14, 1971	6.70	29	6.48	28	4.04
Mar. 14	6.00	30	7.30	Jan. 14, 1972	6.60	Dec. 14	4.80
31	4.00	Feb. 15	5.48	29	6.22	27	5.64

f Dry.

455611N0681946.1. Local number Ar 2. Truman P. Young. Sherman Mills. Dug and drilled unused water-table well, 0-12 ft in sand, 12-31 ft in bedrock, diam 28 to 8 in, depth 31 ft, cased with field stone 0-12, 8-in tile 12-31. Lsd about 730 ft above msl. MP horizontal staple in 2- x 4-in block, 2.32 ft above lsd. Highest water level overflowing nearly every spring; lowest 17.48 below lsd, Oct. 25, 1953. Records available: 1939-66, 1968-70. Measurement discontinued Dec. 31, 1970.

July 12, 1968	14.27	Oct. 25, 1968	13.95	Aug. 25, 1969	11.92	July 27, 1970	13.40
26	14.57	May 26, 1969	1.87	Sept. 29	5.33	Aug. 24	14.64
Aug. 30	15.60	June 27	12.36	Oct. 27	13.36	Sept. 25	15.82
Sept. 27	16.22	Aug. 1	13.05	May 25, 1970	2.85	Oct. 26	9.19

460657N0675122.1. Local number Ar 3. J. Edward Goodin. Formerly Ralph W. Williams. Houlton. Drilled unused artesian well in bedrock, diam 6 in, depth 90 ft, cased with steel. Lsd about 370 ft above msl. MP hole in top of pumpbase, at lsd. Highest water level 10.93 below lsd, Apr. 15, 1960; lowest 25.91 below lsd, Oct. 15, 1960. Records available: 1958-72.

Jan. 29, 1968	18.92	May 26, 1969	12.71	July 27, 1970	14.60	Dec. 29, 1971	18.94
Feb. 27	16.00	June 27	14.06	Aug. 24	14.03	Jan. 31, 1972	e18.80
Mar. 28	12.97	July 28	16.36	Sept. 25	15.19	Feb. 26	17.93
Apr. 27	12.91	Aug. 25	15.42	Oct. 28	13.94	Mar. 28	14.95
May 31	e14.34	Sept. 10	13.74	Dec. 28	15.94	June 30	12.8
June 27	15.49	26	13.95	Jan. 27, 1971	16.27	July 17	12.8
July 26	17.24	Oct. 27	15.73	Feb. 28	e16.00	25	13.77
Aug. 30	18.62	Nov. 12	14.96	Mar. 29	14.94	Aug. 11	14.30
Sept. 27	20.49	26	13.00	Apr. 27	11.12	29	14.90
Oct. 28	17.95	Dec. 28	12.97	May 26	13.03	Sept. 13	14.13
Dec. 2	15.00	Jan. 28, 1970	15.93	June 28	15.45	30	14.93
28	14.95	Feb. 25	13.92	July 29	16.99	Oct. 13	14.92
Jan. 28, 1969	14.95	Mar. 28	15.46	Aug. 31	e18.03	31	e14.36
Feb. 26	16.91	Apr. 28	11.94	Sept. 25	18.98	Nov. 18	13.79
Mar. 31	e15.20	May 31	e13.03	Oct. 28	18.97	28	13.98
Apr. 27	11.17	June 27	13.99				

e Estimated.

Cumberland County

435453N0700136.1. Local number C 26. Brunswick and Topsham Water District. Brunswick. Drilled unused artesian well in stratified glacial drift, diam 12 in, depth 101 ft, screened 81-101. Lsd 139 ft above msl. MP base of water-level recorder, at lsd. Highest water level 29.93 below lsd, Apr. 10, 1972; lowest 36.41 below lsd, Feb. 10, 1966. Records available: 1958-72.

Mean water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	33.99	33.92	34.17	33.61	33.77	33.82	33.82	33.88	34.26	34.51	34.78	34.35
10	34.02	33.75	34.22	33.72	33.81	33.85	33.82	34.02	34.30	34.57	34.79	34.20
15	34.02	33.86	34.19	33.78	33.82	33.87	33.82	34.07	34.35	34.61	34.70	34.07
20	34.09	33.97	33.78	33.87	33.82	33.86	33.86	34.11	34.39	34.60	34.69	34.07
25	34.17	34.08	33.51	33.81	33.83	33.89	33.90	34.15	34.42	34.64	34.55	34.03
Eom	34.24	34.05	33.53	33.72	33.80	33.86	33.94	34.21	34.46	34.74	34.51	34.07

1969

5	34.15	34.02	.....	.....	.....	33.11	.....	.....	33.27	33.28	33.46	32.67
10	.....	34.00	.....	.....	.....	33.14	.....	.....	33.16	33.32	.....	32.54
15	.....	34.07	.....	.....	.....	33.12	.....	33.06	33.08	33.35	.....	32.34
20	34.18	34.18	.....	.....	.....	33.17	.....	33.07	33.12	.....	.....	32.33
25	34.00	.....	34.09	.....	.....	.....	.....	33.13	33.14	.....	.....	32.37
Eom	34.07	.....	.....	32.89	.....	33.21	.....	33.22	33.21	33.52	32.60	31.61

435453N0700136.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	31.48	....	31.32	30.78	30.89	....	30.98	31.21	31.44	31.79	31.72	....
10	31.51	31.15	31.35	30.76	30.92	....	31.03	31.26	31.53	....	31.88	....
15	31.56	31.06	31.46	30.92	31.00	30.86	31.08	31.32	31.59	....	31.92	....
20	....	31.11	31.48	30.96	30.73	30.90	....	31.35	31.63	....	....	....
25	....	31.23	31.23	30.90	30.68	30.94	....	31.39	31.67	....	....	....
Eom	....	31.32	30.96	30.96	30.70	30.97	31.21	31.45	31.72	31.77	....	32.18
1971												
5	32.26	32.54	....	31.58	30.78	30.63	30.80	....	31.12	31.29	31.48	....
10	32.32	32.52	32.32	31.29	30.72	30.70	30.83	30.92	....	31.26	....	31.58
15	32.35	32.44	32.27	31.07	....	30.73	30.86	30.99	....	31.23	31.53	e31.63
20	32.39	32.35	32.07	30.96	....	30.75	30.92	30.97	31.19	31.32	31.51	e31.69
25	32.45	32.33	32.06	30.94	30.61	....	30.95	31.08	31.25	31.31	....	e31.76
Eom	32.43	32.34	31.95	30.93	30.62	30.75	30.95	31.08	31.29	31.41	e31.65	e31.82
1972												
5	e31.88	31.89	31.83	....	....	....	31.11	31.09	....	32.09	32.17	31.71
10	....	31.80	....	29.93	....	30.98	....	31.05	31.83	32.14	32.09	31.58
15	....	31.70	....	30.20	....	30.98	....	30.97	31.86	32.04	32.02	31.59
20	....	....	....	30.32	....	30.98	....	30.94	31.95	32.17	31.95	....
25	....	....	....	30.52	....	31.03	31.18	....	31.98	32.15	31.86	....
Eom	31.85	....	e30.27	30.69	....	31.03	31.08	....	31.98	32.22	31.68	31.55

e Estimated.

Hancock County

444950N0682206.1. Local number H 1. Norman Salisbury. Amherst. Dug unused water-table well in glacial drift, diam 18 in, depth 14 ft, cased with field stone to 14'. Lsd about 330 ft above msl. MP top of 2- x 4-in timber driven into bottom of well, at lsd. Highest water level 2.10 below lsd, May 29, 1961; lowest dry, several times, 1944, 1948, 1949, 1952, 1955, 1957, 1960, 1964-66. Records available: 1943-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1968	e5.97	Apr. 12, 1969	3.40	June 28, 1970	7.30	Sept. 26, 1971	13.00
29	e6.98	27	4.20	July 23	10.00	Oct. 12	13.00
Feb. 15	e7.85	May 12	5.60	Aug. 3	10.80	26	12.30
29	e7.85	27	6.00	13	11.40	Nov. 11	12.40
Mar. 14	e6.37	June 14	7.40	Sept. 1	12.00	26	12.40
30	4.90	27	7.80	12	10.90	Dec. 12	10.80
Apr. 15	5.40	July 14	9.60	28	12.00	27	6.60
28	4.80	27	10.50	Oct. 15	12.50	Jan. 11, 1972	6.40
May 12	6.00	Aug. 12	7.00	27	7.40	27	(j)
27	6.80	28	7.90	Nov. 11	7.00	Feb. 11	(j)
June 14	7.00	Sept. 12	4.80	27	5.00	25	(j)
27	8.20	27	6.40	Dec. 11	6.10	Mar. 11	(j)
July 14	9.50	Oct. 12	7.00	30	7.20	Apr. 11	5.60
28	11.00	31	e7.80	Jan. 12, 1971	7.40	27	5.10
Aug. 13	12.20	Nov. 12	4.30	27	7.10	May 12	4.60
27	13.00	30	e4.70	Feb. 17	4.50	29	5.30
Sept. 13	13.90	Dec. 12	3.70	27	5.10	June 11	4.90
27	e14.60	27	3.20	Mar. 11	5.50	28	5.80
Oct. 13	e14.50	Jan. 19, 1970	6.30	27	4.70	July 12	6.40
26	e14.40	31	e7.00	Apr. 12	3.50	27	8.00
Nov. 15	e14.10	Feb. 12	3.40	26	4.80	Aug. 12	9.30
20	13.00	28	e5.15	May 12	5.00	26	11.60
27	8.40	Mar. 15	e6.00	27	6.40	Sept. 11	8.70
Dec. 13	5.00	26	6.60	June 13	7.50	27	9.40
31	e4.30	27	5.00	30	9.50	Oct. 11	9.20
Jan. 15, 1969	e4.70	Apr. 12	5.60	July 12	10.50	27	8.80
27	e4.43	27	4.30	27	11.50	Nov. 12	5.50
Feb. 15	e5.55	May 13	5.30	Aug. 12	12.10	27	4.20
28	e6.50	27	4.80	26	12.80	Dec. 11	4.40
Mar. 14	7.60	June 12	6.40	Sept. 11	12.80	27	6.00
27	3.60						

e Estimated.

j Well frozen over.

Kennebec County

441849N0694420.1. Local number K 52. Walter Panek. Augusta. Dug unused water-table well in glacial till, diam 36 in, depth 22 ft, stone casing. Lsd about 220 ft above msl. MP top of floor of shelter house, at lsd. Highest water level 3.46 below lsd, Nov. 30, 1963; lowest 14.29 below lsd, Oct. 31, 1963. Records available: 1960-72.

Mean water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.80	5.62	7.80	4.53	5.08	5.26	4.87	7.92	10.08	12.12	12.80	3.87
10	....	5.76	8.08	4.63	5.48	5.00	5.73	8.26	10.44	12.31	12.80	4.47
15	....	6.20	7.71	4.78	5.85	4.77	6.04	8.62	10.76	12.40	12.42	3.60
20	....	6.65	4.22	4.77	5.42	5.27	6.65	8.97	11.07	12.62	11.55	4.54
25	....	7.20	4.50	3.72	4.47	5.73	7.12	9.32	11.42	12.69	8.61	4.73
Eom	7.68	7.55	4.55	4.52	5.11	5.13	7.63	9.70	11.75	12.71	4.13	5.40

441849N0694420.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.72	6.18	7.20	3.95	5.16	5.82	6.43	5.40	7.47	6.50	4.95	5.75
10	5.88	6.40	7.30	3.90	5.36	6.13	6.88	4.87	6.07	6.47	4.35	4.20
15	6.20	6.65	7.44	4.42	5.30	6.50	6.85	5.52	5.47	6.29	4.30	4.42
20	6.52	6.93	7.53	4.10	5.28	5.32	6.48	6.03	5.52	6.55	4.31	5.07
25	6.58	7.07	7.75	4.07	4.86	5.50	6.76	6.62	5.83	6.62	4.75	5.33
Eom	6.25	7.12	4.46	4.73	5.28	5.86	6.41	7.08	5.95	6.36	5.23	4.08
1970												
5	4.52	4.15	6.45	....	4.70	6.15	....	8.79	11.05	....	7.32	4.58
10	5.52	4.85	6.84	....	4.90	6.41	....	9.14	11.40	....	5.62	4.93
15	6.23	4.60	7.26	....	4.87	6.75	....	9.47	11.75	....	....	5.34
20	6.80	4.93	7.25	....	3.82	7.10	....	9.83	12.02	....	....	5.57
25	7.22	5.66	5.27	....	4.57	7.45	....	10.25	12.32	....	....	5.79
Eom	7.67	6.05	4.48	4.56	5.81	7.57	8.66	10.66	12.55	9.94	4.38	6.04
1971												
5	6.19	5.99	4.68	3.92	4.07	6.40	7.47	8.98	9.40	8.81	7.08	6.73
10	6.23	5.97	5.04	4.17	4.92	6.60	7.73	....	9.59	8.90	6.98	6.40
15	6.29	4.21	5.09	4.32	5.42	6.75	8.09	....	9.77	....	6.87	5.66
20	6.42	4.81	4.31	4.57	5.79	7.10	8.42	....	9.47	....	7.00	5.57
25	6.72	5.09	4.64	4.97	5.95	7.40	8.66	8.99	9.02	....	7.35	5.39
Eom	5.93	4.84	4.04	5.60	6.15	7.29	9.00	9.30	8.75	7.08	7.40	5.81
1972												
5	....	....	7.51	4.25	4.12	4.28	6.34	6.49	....	....	....	....
10	....	....	7.64	4.64	4.85	4.20	6.94	6.60	....	....	....	....
15	....	....	7.87	4.21	5.27	4.88	7.23	6.91	....	....	....	....
20	....	....	6.86	4.30	5.64	5.53	7.53	7.26	....	....	....	....
25	....	....	4.67	4.70	5.90	5.90	7.74	7.61	....	....	....	....
Eom	5.34	7.14	4.61	5.02	6.21	6.32	6.96	7.97	7.59	5.00	4.23	6.05

442023N0695538.1. Local number K 88. A. Allen Stackpole. Winthrop. Drilled unused artesian well in bedrock, diam 6 in, depth 298 ft, cased with steel. Lsd about 350 ft above msl. MP top of pipe, at lsd. Highest water level 35.26 below lsd, Apr. 17, 1972; lowest 59.86 below lsd, Oct. 31, 1962. Records available: 1962-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 20, 1962	55.35	Oct. 13, 1963	58.98	Aug. 27, 1965	47.22	June 2, 1969	39.59
28	55.36	Nov. 5	58.57	Sept. 27	49.42	30	40.18
May 21	56.07	15	55.41	Oct. 25	48.62	Sept. 29	39.85
Oct. 8	59.57	Dec. 1	51.00	Nov. 26	48.05	Nov. 17	43.58
17	59.40	31	48.70	Mar. 22, 1966	41.67	Mar. 30, 1970	38.45
31	59.86	Jan. 12, 1964	41.71	June 6	44.13	Apr. 29	35.34
Nov. 15	45.76	31	44.35	July 26	45.18	May 26	36.22
29	56.64	Feb. 13	45.00	Sept. 26	47.06	June 29	43.44
Dec. 17	53.50	Mar. 1	43.60	Oct. 31	46.95	Aug. 3	47.64
30	54.85	14	43.15	Nov. 30	44.09	31	50.78
Jan. 17, 1963	55.15	27	42.13	Apr. 25, 1967	39.19	Sept. 28	53.46
38	54.17	Apr. 17	43.51	May 31	40.32	Oct. 30	51.17
Feb. 18	54.75	30	46.36	July 27	43.92	Nov. 30	47.38
25	54.12	May 13	46.30	Sept. 1	47.44	Apr. 28, 1971	40.68
Mar. 19	53.50	June 3	48.67	Oct. 2	44.40	May 27	41.53
29	52.87	13	49.26	24	42.56	June 28	43.70
Apr. 14	51.35	28	49.94	Nov. 30	41.12	Aug. 2	44.80
May 1	51.39	July 14	49.66	Dec. 28	40.08	Apr. 30	46.11
13	52.03	Sept. 30	50.19	Mar. 27, 1968	37.92	Nov. 8	45.07
26	52.10	Oct. 15	49.96	Apr. 29	36.48	Apr. 17, 1972	35.26
June 18	52.84	31	49.17	May 29	38.15	May 1	36.36
July 1	53.63	Nov. 18	47.33	June 27	37.82	23	36.92
13	54.73	29	46.71	July 28	44.34	June 27	38.07
Aug. 2	55.54	Mar. 30, 1965	43.58	Aug. 28	44.87	July 31	41.87
14	55.25	Apr. 30	41.00	Sept. 30	49.60	Oct. 30	51.74
30	56.73	May 28	42.71	Oct. 14	51.69	Nov. 28	48.77
Sept. 15	58.30	June 24	43.92	31	51.05	Dec. 29	50.16
29	58.67	July 29	46.07	Apr. 28, 1969	37.62		

e Estimated.

Oxford County

444637N0705523.1. Local number O 400. Union Water Power Co. Middle Dam, Lower Richardson Lake. Dug domestic water-table well in glacial till, diam 24 in, depth 15 ft, casing information not available. Lsd about 1,450 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 0.2 below lsd, May 20, 1945, Apr. 30, 1961, Apr. 16, 1967; lowest 12.2 below lsd, Oct. 9, 1963, 1966. Records available: 1944-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1968	7.1	Apr. 21, 1968	2.7	Aug. 4, 1968	7.9	Nov. 10, 1968	11.8
14	7.2	28	1.2	11	7.5	17	11.8
21	7.7	May 5	3.3	18	9.8	24	11.7
28	8.2	12	3.6	25	9.3	Dec. 1	11.2
Feb. 4	7.7	19	2.5	Sept. 1	9.9	8	10.2
11	7.8	26	3.3	8	10.1	15	9.1
18	8.2	June 2	1.8	15	9.8	22	8.5
25	8.8	9	2.3	22	10.4	29	7.6
Mar. 3	8.2	16	1.9	29	10.8	Jan. 5, 1969	8.1
10	8.2	23	1.8	Oct. 6	11.0	12	8.2
17	8.5	30	1.6	13	11.4	19	7.8
24	4.5	July 7	2.9	20	11.0	26	7.8
31	.9	14	4.8	27	11.2	Feb. 2	7.2
Apr. 7	1.8	21	5.6	31	11.7	9	7.2
14		28	7.0	Nov. 3	11.8	16	7.1

444637N0705523.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 23, 1969	b8.1	Feb. 15, 1970	1.7	Feb. 7, 1971	7.9	Jan. 23, 1972	8.7
Mar. 2	7.6	22	2.7	14	7.4	30	8.4
9	7.3	Mar. 1	3.8	21	8.1	Feb. 6	8.8
16	7.6	8	4.0	28	7.0	13	9.2
23	7.1	15	5.1	Mar. 7	7.2	20	9.8
30	6.6	22	4.8	14	7.1	27	9.4
Apr. 6	5.9	29	5.0	21	5.8	Mar. 5	9.3
13	2.2	5	4.7	28	5.8	12	10.0
20	1.2	Apr. 12	3.6	Apr. 4	5.2	19	9.8
27	1.2	19	.7	11	3.8	26	9.3
May 4	.5	26	.8	18	1.6	Apr. 2	7.0
11	1.0	May 3	.6	25	.7	9	6.8
18	2.2	10	1.7	2	.8	16	4.8
25	2.4	17	.6	May 9	1.9	23	1.5
June 1	4.0	24	3.0	16	2.2	30	.8
8	3.2	31	3.8	23	3.5	May 7	.8
15	4.1	June 7	3.5	30	2.5	14	.8
22	3.5	14	5.2	June 6	3.4	21	2.1
29	3.8	21	6.5	13	4.3	28	3.2
July 6	5.5	28	7.4	20	6.0	June 4	4.0
13	4.1	July 5	5.0	27	7.0	11	4.0
20	5.8	12	4.9	July 4	7.0	18	4.9
27	5.5	19	5.4	11	7.4	25	4.2
Aug. 3	1.5	26	6.7	18	8.3	July 2	4.9
10	3.5	2	5.8	25	8.8	9	5.9
17	4.2	9	6.8	1	9.6	16	4.3
24	4.8	16	7.1	8	9.9	23	4.1
31	6.0	23	8.4	15	9.8	30	4.8
Sept. 7	6.6	30	8.1	22	10.5	Aug. 6	5.2
14	5.0	Sept. 6	7.1	29	10.7	13	5.5
21	5.9	13	7.1	Sept. 5	10.8	20	6.3
28	6.6	20	8.1	12	10.8	27	7.0
Oct. 5	7.0	27	8.1	19	11.9	Sept. 2	7.8
12	7.0	4	7.6	26	10.8	10	9.5
19	7.8	11	6.4	Oct. 3	11.0	17	9.8
26	7.4	18	5.5	10	10.8	24	9.8
Nov. 2	7.4	25	4.8	17	10.8	Oct. 1	10.4
9	1.8	Nov. 1	6.0	24	10.5	8	10.3
16	1.9	8	5.8	31	10.3	15	10.8
23	2.0	15	5.8	Nov. 7	10.4	22	11.2
30	3.0	22	5.5	14	9.2	29	11.0
Dec. 7	4.4	29	4.9	21	8.5	Nov. 5	11.2
14	1.2	6	4.2	28	8.8	12	11.2
21	3.4	13	4.8	Dec. 5	9.2	19	10.5
28	1.0	20	5.2	12	9.2	26	9.2
Jan. 4, 1970	1.9	27	5.7	19	8.5	Dec. 3	6.9
11	3.2	Jan. 3, 1971	6.4	26	8.4	10	5.6
18	4.3	10	6.7	Jan. 2, 1972	8.5	17	5.1
25	4.1	17	6.7	9	8.4	24	4.9
Feb. 1	4.7	24	7.0	16	8.4	31	5.8
8	3.6	31	7.1				

b Well pumped recently.

Somerset County

444219N0695458.1. Local number Sm 1. J. Harrison Farrand. Mercer. Dug unused water-table well in sand, diam 5 ft, depth 14 ft, cased with field stone to 14. Lsd about 270 ft above msl. MP top of horizontal 2- x 4-in timber at northeast corner of well cover, 0.40 ft above lsd. Highest water level 3.75 below lsd, Apr. 13, 1960; lowest dry, several times, 1952-53. Records available: 1942-72. Recording gage installed each spring in April or May and removed each fall in November or December.

Jan. 14, 1968	5.91	Mar. 25, 1968	4.46	May 23, 1968	4.66	Sept. 27, 1968	9.58
25	6.13	Apr. 13	4.60	28	5.20	Oct. 28	10.42
Feb. 13	5.62	27	4.27	June 26	5.74	Dec. 13	5.14
25	6.09	29	4.52	July 26	6.82	27	5.32
Mar. 12	6.47	May 13	5.43	Aug. 26	8.31		

Mean water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.22	5.70	7.37	8.84	9.92	10.60	....
10	5.60	5.95	7.57	9.03	10.08	10.57	....
15	5.74	6.18	7.83	9.12	10.27	10.38	....
20	5.56	6.47	8.08	9.35	10.45	9.82	....
25	5.72	6.77	8.28	9.56	10.55	8.80	....
Eom	5.16	5.28	7.07	8.60	9.68	10.48	7.19	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1969	5.47	Mar. 27, 1969	4.80	June 26, 1969	5.90	Nov. 29, 1969	5.00
26	5.32	Apr. 12	3.83	Aug. 27	6.22	Dec. 1	4.53
Feb. 13	5.64	26	4.09	Sept. 26	5.90	26	5.10
27	5.90	May 2	4.50	Oct. 26	6.50	29	4.39
Mar. 13	6.34	26	4.97				

444219N0695458.1--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	4.69	5.57	6.35	6.56	6.52	6.08	5.94	....
10	4.75	5.52	6.63	5.97	5.30	6.18	4.83	....
15	4.94	5.81	6.62	5.95	5.47	6.34	4.55	....
20	4.77	5.62	6.82	6.11	5.68	6.40	....	....
25	4.98	5.90	7.00	6.28	5.85	6.49	....	....
Eom	5.32	6.10	6.76	6.30	5.99	6.57	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1970	5.23	Feb. 26, 1970	5.38	Apr. 12, 1970	4.22	Dec. 11, 1970	6.62
25	5.72	Mar. 13	5.90	26	4.48	27	6.03
Feb. 12	4.20	25	5.15	29	4.59		

Mean water level for the day, from recorder graph, 1970

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.58	5.95	6.06	7.72	9.24	10.54	11.00	7.37
10	4.87	5.90	6.33	8.00	9.53	10.75	11.08	....
15	5.12	6.13	6.64	8.26	9.75	10.93	11.13	....
20	4.72	6.37	6.82	8.54	9.99	10.98	11.17	....
25	5.32	6.67	7.15	8.77	10.22	10.81	9.82	....
Eom	4.67	5.70	6.05	7.47	9.05	10.42	10.95	8.63	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1971	5.95	Mar. 12, 1971	6.80	May 12, 1971	4.90	Aug. 26, 1971	8.87
26	6.18	24	5.00	26	5.34	Sept. 26	9.48
Feb. 11	6.03	Apr. 12	4.21	June 26	6.44	Dec. 14	8.24
25	6.73	25	4.43	July 27	7.72	26	7.85

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.67	6.73	8.03	9.07	9.78	9.71	....
10	5.93	6.98	8.17	9.30	9.77	9.46	....
15	6.18	7.24	8.33	9.18	9.72	9.16	....
20	6.47	7.34	8.55	9.33	9.78	8.98	....
25	6.46	7.65	8.80	9.34	9.78	8.86	....
Eom	5.34	6.55	7.97	8.47	9.63	9.78	....	....

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 13, 1972	7.65	Mar. 13, 1972	6.96	May 14, 1972	4.84	Oct. 26, 1972	5.80
26	7.40	25	4.54	23	5.08	Nov. 23	4.82
Feb. 12	7.17	Apr. 15	4.26	June 24	5.82	Dec. 27	5.27
26	7.00	25	4.05	July 24	5.99		

Mean water level for the day, from recorder graph, 1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.00	....	6.27	7.02	7.33	....	....
10	5.24	....	6.69	6.71	6.35	....	....
15	5.32	....	6.87	6.65	5.92	....	....
20	5.68	....	7.12	6.77	5.98	....	....
25	5.25	....	....	7.35	6.95	5.92	....	....
3om	5.67	....	6.07	7.50	7.13	5.88	....	....

Washington County

444240N0672835.1. Local number W 1. Julian A. Johnson. Machias. Drilled stock artesian well in bedrock, diam 6 in, depth 64 ft, cased with steel. Lsd about 140 ft above mal. MP top of steel casing, at lsd. Highest water level 5.29 below lsd, Apr. 16, 1961; lowest 13.95 below lsd, Feb. 2, 1959. Records available: 1958-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	10.92	Nov. 30, 1968	7.99	Oct. 14, 1969	10.80	June 29, 1970	10.81
Mar. 2	11.63	Dec. 30	9.40	31	e11.20	July 14	11.07
29	8.94	Feb. 7, 1969	10.72	Nov. 4	10.35	31	e11.58
Apr. 29	9.36	14	11.15	14	7.35	Aug. 31	11.00
May 28	b12.07	Mar. 5	11.65	29	10.05	29	10.53
29	10.67	14	11.38	Dec. 15	7.95	Sept. 14	10.87
June 15	10.90	29	8.82	29	6.65	29	11.43
July 3	10.10	Apr. 14	8.38	Jan. 15, 1970	11.30	Oct. 14	11.35
15	11.17	29	7.97	Feb. 2	12.05	30	9.75
30	12.11	June 2	10.37	16	11.40	Nov. 16	10.90
Aug. 14	12.25	13	11.10	27	11.43	27	9.70
29	12.23	30	11.70	Mar. 30	10.90	Dec. 14	9.65
Sept. 14	11.92	July 14	11.07	Apr. 15	10.45	31	e10.80
30	12.49	30	11.10	30	e9.15	Jan. 14, 1971	11.35
Oct. 14	12.35	Aug. 30	11.47	May 14	9.95	Feb. 1	10.35
30	11.35	Sept. 15	10.51	29	9.20	27	9.95
Nov. 14	8.37	29	11.64	June 15	10.30	Mar. 15	9.66

444240N0672835.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 30, 1971	10.08	Aug. 29, 1971	12.20	Jan. 27, 1972	10.13	July 26, 1972	10.98
Apr. 15	6.60	Sept. 14	12.18	Feb. 14	11.42	Aug. 25	11.92
26	7.90	28	11.32	Mar. 28	11.90	Sept. 15	10.38
May 14	9.30	Oct. 15	11.00	Mar. 14	12.00	26	11.02
27	10.00	30	11.90	Apr. 29	9.76	Oct. 14	9.65
June 14	11.45	Nov. 23	bl2.24	May 15	8.12	27	10.50
26	11.90	29	11.26	31	9.30	Nov. 15	9.40
July 15	12.05	Dec. 14	9.43	31	10.25	27	8.30
Aug. 3	12.05	31	10.43	June 15	10.15	Dec. 14	8.38
14	11.82	Jan. 15, 1972	9.98	26	9.77	27	10.10

b Well pumped recently.

e Estimated.

444955N0670005.1. Local number W 2. Lubec Water District. Lubec. Driven unused artesian (previously reported semi-artesian) well in glacial sand and gravel, diam 2½ in, depth 52 ft, cased with iron pipe 0-42, screened 42-52. Lsd about 50 ft above msl. MP top of pipe, at lsd. Highest water level 9.31 below lsd, June 14, 1960; lowest 19.89 below lsd, Nov. 12, 1965. Records available: 1958-72.

Jan. 12, 1968	12.98	Dec. 12, 1968	18.81	Jan. 12, 1970	15.74	Apr. 27, 1971	12.16
28	11.78	28	18.14	27	15.41	May 13	10.72
Feb. 12	10.85	Jan. 13, 1969	17.77	Feb. 12	15.12	29	10.69
26	11.29	28	17.47	25	15.19	June 28	11.32
Mar. 12	11.69	Feb. 13	17.09	Mar. 11	15.61	July 28	12.47
27	12.12	28	e16.80	27	15.66	Aug. 29	13.79
Apr. 12	12.99	Mar. 29	17.02	Apr. 12	15.72	Sept. 27	14.74
27	13.77	Apr. 12	16.80	27	16.51	Oct. 15	15.29
May 14	14.47	29	16.29	May 13	16.65	27	15.20
28	15.20	May 13	15.87	27	16.30	Nov. 23	16.01
28	15.07	28	15.67	June 11	15.94	26	15.81
June 14	15.67	June 12	16.06	26	15.92	Dec. 29	16.40
26	15.97	28	16.37	July 13	16.26	Jan. 29, 1972	16.30
July 12	16.35	July 12	16.74	28	16.68	May 3	14.60
29	16.86	29	16.99	Aug. 12	17.02	27	14.70
Aug. 12	17.24	Aug. 12	17.19	27	17.37	June 28	14.80
27	17.57	28	17.52	Sept. 28	17.89	July 29	14.70
Sept. 12	17.79	Oct. 13	18.54	Oct. 27	18.37	Aug. 28	16.50
26	18.17	28	18.84	Nov. 27	18.46	Sept. 27	17.20
Oct. 12	18.58	Nov. 12	18.57	Dec. 31	e18.60	Oct. 28	17.91
28	18.91	26	18.16	Jan. 28, 1971	17.47	Nov. 27	17.44
Nov. 13	19.20	Dec. 12	17.67	Feb. 25	17.96	Dec. 31	16.20
29	19.44	26	17.11	Mar. 28	18.32		

e Estimated.

York County

434822N0704825.1. Local number Y 1. James P. Small. Cornish. Dug unused water-table well in glacial outwash, diam 36 in, depth 24 ft, curbed with brick to 24. Lsd about 370 ft above msl. MP mark chiseled on top of concrete well curb, at lsd. Highest water level 7.90 below lsd, Apr. 6, 1952; lowest 18.40 below lsd, Nov. 14, 1948. Records available: 1943-72. Recording gage installed May 2, 1969.

Jan. 15, 1968	12.12	May 20, 1968	10.46	Nov. 16, 1968	14.06	Apr. 18, 1969	8.35
29	14.15	25	9.08	Dec. 2	9.23	28	8.63
Feb. 15	14.25	28	9.42	15	9.27	May 28	10.76
27	14.18	June 26	11.01	27	10.22	June 28	9.61
Mar. 15	15.16	July 29	12.48	Jan. 15, 1969	12.20	July 29	11.72
29	8.52	Aug. 15	13.66	29	12.02	Aug. 28	11.79
Apr. 16	9.68	29	14.62	Feb. 16	13.10	Sept. 28	13.20
27	8.30	Sept. 16	15.40	27	13.57	Oct. 29	15.52
May 6	9.38	27	15.42	Mar. 15	14.29	Nov. 27	9.88
10	9.85	Oct. 14	15.28	28	8.53	Dec. 29	8.20
15	10.44	29	15.01				

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	9.26	11.26	10.54	10.71	12.52	13.97	15.72	10.98
10	.....	.....	.....	.....	9.78	11.39	11.60	9.21	12.52	14.28	8.64	11.25
15	.....	.....	.....	.....	10.30	11.54	11.04	10.02	11.91	14.48	8.84	8.88
20	.....	.....	.....	.....	10.52	10.26	10.93	10.76	12.50	14.90	9.26	9.55
25	.....	.....	.....	.....	10.73	10.18	11.42	11.37	12.86	15.26	9.64	10.50
Eom	.....	.....	.....	.....	10.88	.....	11.47	12.07	13.53	15.60	10.13	.....
1970												
5	9.08	8.48	11.65	8.56	9.76	11.24	14.30	13.92	15.52	15.76	10.83	11.48
10	9.85	8.61	12.15	8.97	10.34	12.67	13.03	14.43	15.21	15.50	11.80	10.78
15	10.75	8.79	12.45	9.17	10.96	13.14	12.82	14.78	15.41	15.39	12.13	11.25
20	11.38	9.62	12.68	9.60	11.26	13.45	12.53	15.12	15.68	15.35	12.49	7.95
25	11.87	10.35	11.73	9.62	11.48	14.01	12.80	15.52	15.61	8.88	12.05	9.10
Eom	12.40	10.93	8.85	9.20	11.85	14.29	13.26	15.48	15.64	10.00	11.44	10.54
1971												
5	11.84	14.96	10.46	8.45	9.02	.....	14.29	13.90	14.84	14.13	15.00	16.66
10	12.51	15.05	10.96	8.68	9.24	.....	14.58	12.93	15.20	14.77	15.41	16.75
15	13.23	15.04	11.27	8.30	9.89	.....	14.71	13.20	15.30	14.18	15.71	16.69
20	13.75	11.35	9.36	8.57	10.37	.....	14.97	13.65	13.44	13.84	15.97	15.92
25	14.17	11.04	9.56	9.01	10.78	.....	13.67	14.66	14.50	13.10	14.18	15.34
Eom	14.57	11.26	9.97	9.04	.....	13.95	14.70	14.81	13.50	14.64	16.49	14.83

434822N0704825.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.69	14.28	13.11	8.79	9.60	9.69	11.03	12.50	14.65	15.95	15.41	9.70
10	14.88	14.30	13.02	8.95	9.54	9.88	11.16	12.75	14.05	16.06	14.94	9.95
15	15.03	13.68	13.29	8.75	10.03	9.91	11.42	13.32	14.19	14.95	13.37	10.32
20	14.98	12.07	10.25	8.53	10.10	10.44	11.72	13.77	14.65	14.75	12.69	10.70
25	15.01	12.62	8.60	8.96	10.24	11.06	12.03	14.27	15.16	15.01	10.25	11.31
Eom	14.56	13.00	8.98	9.33	10.71	10.93	12.36	14.78	15.53	15.48	9.13	11.95

MASSACHUSETTS

The observation-well program in Massachusetts was continued during 1968 through 1972 in cooperation with the Massachusetts Department of Public Works. Figure 6 shows the location of the 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, designated by town or city name and serial numbers assigned within each city or town, have been continued in this report for the convenience of local users and for easy reference to previously published data.

Well Descriptions and Water-Level Measurements

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

Barnstable County

413956N0701643.1. Local number Barnstable 230. U.S. Geol. Survey. Mary Dunn Rd. at Hyannis Airport. Augured observation water-table well in sand and gravel, diam 1½ in, depth 36 ft, well point 33-36. Lsd about 40 ft above msl. MP top of casing, 0.70 ft above lsd. Highest water level 21.28 below lsd, Dec. 31, 1972; lowest 26.22 below lsd, Oct. 25, 1966. Records available: 1958-72. Recording gage installed January 1968.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1958	22.99	May 31, 1961	22.95	Mar. 30, 1964	22.83	Feb. 21, 1966	25.68
Feb. 28	23.25	July 31	23.38	Apr. 28	21.96	Mar. 21	25.38
Jan. 27, 1959	23.26	Oct. 31	23.08	May 27	22.62	Apr. 25	25.58
Feb. 28	22.65	Nov. 30	22.98	June 30	23.48	May 29	25.71
Mar. 31	21.99	Apr. 28, 1962	22.13	July 29	24.02	June 23	24.90
Apr. 30	21.79	Sept. 26	23.95	Aug. 31	24.59	July 21	25.46
May 31	22.08	Oct. 30	23.82	Sept. 28	24.92	Aug. 25	26.03
July 31	22.34	Nov. 29	23.06	Oct. 27	24.83	Sept. 27	26.14
Aug. 31	23.23	Dec. 28	23.14	Nov. 24	25.06	Oct. 25	26.22
Jan. 31, 1960	23.02	Jan. 31, 1963	23.09	Dec. 29	24.82	Nov. 28	25.51
Feb. 28	22.11	Feb. 28	22.41	Jan. 29, 1965	24.32	Dec. 21	25.78
Mar. 29	22.21	Mar. 31	22.07	Feb. 28	23.79	Jan. 27, 1967	25.53
Apr. 30	21.50	Apr. 30	22.36	Mar. 29	23.81	Feb. 27	25.45
May 31	22.04	May 29	22.75	Apr. 28	23.96	Mar. 29	24.29
June 30	22.50	June 28	22.96	May 28	24.29	Apr. 25	23.98
July 31	23.07	July	23.62	June 28	24.77	May 24	21.84
Aug. 31	23.70	Aug. 29	24.13	July 28	25.22	June 27	22.11
Sept. 30	24.16	Sept. 30	24.40	Aug. 26	25.59	July 26	22.73
Oct. 31	24.60	Oct. 25	24.73	Sept. 28	25.70	Aug. 22	22.80
Nov. 30	24.84	Nov. 30	24.42	Oct. 27	25.87	Sept. 27	22.78
Dec. 31	24.30	Dec. 30	24.47	Nov. 23	25.99	Oct. 26	23.28
Jan. 31, 1961	23.38	Jan. 31, 1964	23.70	Dec. 26	26.06	Nov. 27	23.68
Feb. 28	23.40	Feb. 28	23.27	Jan. 31, 1966	26.10	Dec. 26	23.40
Mar. 30	22.86						

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	23.13	22.82	23.18	22.28	22.75	23.15	23.23	23.66	24.17	24.57	25.01	24.99
10	23.02	22.80	23.26	22.26	22.86	23.20	23.26	23.74	24.25	24.66	25.10	25.00
15	22.90	22.88	22.99	22.37	22.92	23.22	23.32	23.82	24.31	24.71	24.97	24.97
20	22.68	22.96	22.85	22.43	22.97	23.26	23.37	23.90	24.37	24.79	24.92	24.98
25	22.92	23.07	22.65	22.57	23.05	23.28	23.46	23.97	24.44	24.84	24.92	24.96
Eom	22.87	23.07	22.34	22.67	23.09	23.21	23.57	24.08	24.51	24.93	24.97	24.72
1969												
5	24.34	24.21	e23.48	22.63	22.29	22.82	23.47	24.17	24.76	25.00	25.32	24.40
10	24.14	24.19	e23.16	22.61	22.28	22.94	23.62	24.25	24.69	25.05	25.09	24.40
15	24.08	24.13	e22.88	22.60	22.34	23.07	23.75	24.34	24.66	25.13	24.83	24.30
20	24.06	24.12	e22.68	22.58	22.46	23.16	23.86	24.42	24.80	25.19	24.61	24.15
25	24.07	24.02	e22.58	22.50	22.58	23.27	23.66	24.51	24.86	25.26	24.46	23.97
Eom	24.14	23.83	22.65	22.39	22.69	23.35	24.08	24.63	24.94	25.33	24.35	22.92

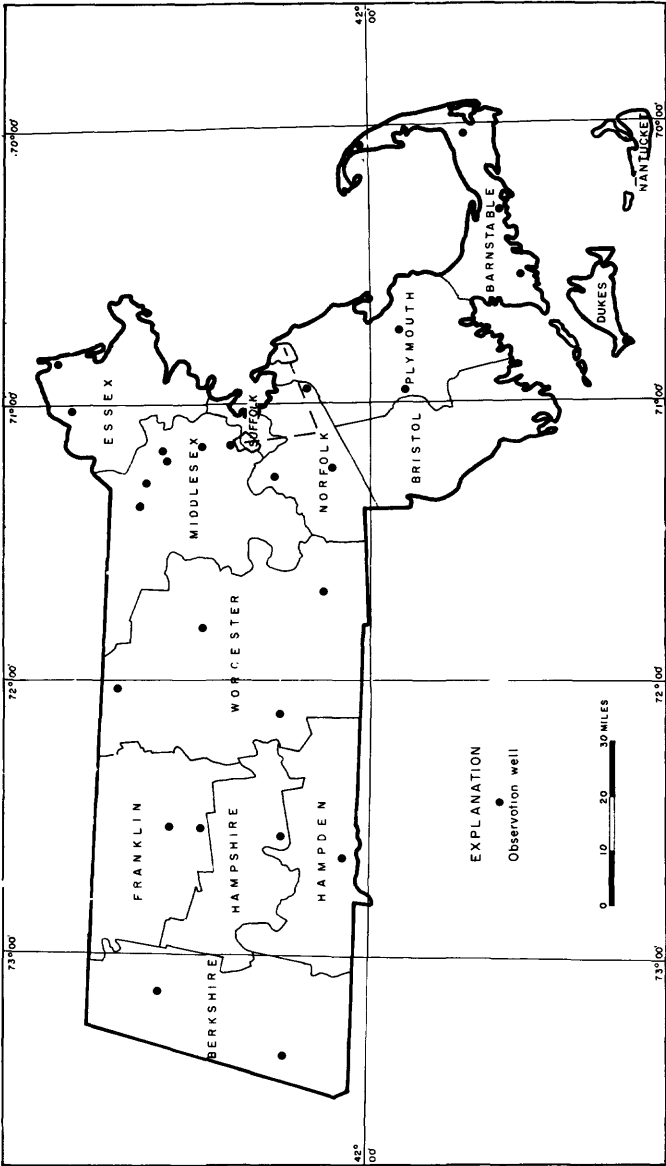


Figure 6.--Location of observation wells in Massachusetts, 1968-72.

413956N0701643.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.62	22.97	22.60	22.44	22.29	23.02	23.43	23.89	24.38	24.92	25.00	24.63
10	22.60	e22.75	22.58	21.90	22.42	23.09	23.49	23.96	24.47	25.00	24.84	24.68
15	22.64	e22.52	22.71	21.83	22.56	23.15	23.56	24.05	24.58	25.09	24.73	24.71
20	22.71	e22.40	22.81	21.95	22.66	23.21	23.60	24.13	24.66	25.19	24.69	24.69
25	22.81	e22.38	22.87	22.05	22.77	23.32	23.67	24.20	24.74	25.19	24.70	24.64
Eom	22.94	e22.42	22.94	22.20	22.90	23.37	23.79	24.30	24.80	25.25	24.72	24.48
1971												
5	24.35	23.75	23.16	22.64	23.02	23.24	23.80	24.60	24.90	25.50	25.92	25.87
10	24.23	23.39	23.04	22.64	23.06	23.33	23.93	24.69	25.01	25.58	25.91	25.81
15	24.09	23.30	22.90	22.68	23.12	23.40	24.07	24.80	25.11	25.65	25.94	25.77
20	23.94	23.27	22.77	22.77	23.07	23.49	24.21	24.89	25.22	25.73	26.00	25.74
25	23.83	23.31	22.71	22.82	23.11	23.57	24.33	24.61	25.32	25.79	26.03	25.71
Eom	23.80	23.25	22.62	22.96	23.15	23.67	24.48	24.77	25.40	25.87	25.98	25.64
1972												
5	25.57	25.03	24.64	23.76	23.29	22.70	22.31	23.20	23.71	23.43	23.67	22.29
10	25.49	25.03	24.41	23.73	23.15	22.79	22.44	23.32	23.63	23.48	23.63	22.05
15	25.40	25.04	24.11	23.72	23.06	22.89	22.66	23.48	23.68	23.48	23.45	21.77
20	25.30	25.00	23.97	23.71	22.95	22.75	22.72	23.60	23.68	23.55	23.15	21.63
25	25.23	24.90	23.85	23.66	22.79	22.44	22.88	23.72	23.57	23.59	22.82	21.47
Eom	25.12	24.78	23.82	23.48	22.66	22.28	23.06	23.93	23.50	23.62	22.52	21.28

e Estimated.

414516N0700147.1. Local number Brewster 21. U.S. Geol. Survey. Nook Rd. in Nickerson State Park. Augured observation water-table well in sand and gravel, diam 2½ in, depth 25 ft, well point 22-25. Lsd about 50 ft above ms1. MP top of casing, 2.40 ft above lsd. Highest water level 7.98 below lsd, May 29, 1963; lowest 13.34 below lsd, Oct. 25, 1966. Records available: 1957-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	8.43	Apr. 28, 1969	9.32	July 29, 1970	8.68	Oct. 27, 1971	10.38
Feb. 27	8.43	May 26	9.28	Aug. 27	8.96	Nov. 26	10.61
Mar. 27	8.17	June 27	9.41	Sept. 28	9.22	Dec. 27	10.86
Apr. 22	8.26	July 29	9.68	Oct. 28	9.49	Jan. 27, 1972	11.04
May 27	8.34	Aug. 27	9.97	Nov. 24	9.56	Feb. 25	11.00
June 26	8.40	Sept. 26	10.10	Dec. 28	9.76	Mar. 28	10.87
July 26	8.72	Oct. 29	10.43	Jan. 27, 1971	9.66	Apr. 26	10.70
Aug. 27	9.11	Nov. 25	10.35	Feb. 24	9.42	May 25	10.47
Sept. 25	9.48	Dec. 30	9.70	Mar. 26	9.18	June 27	10.10
Oct. 29	9.84	Jan. 26, 1970	9.57	Apr. 27	9.16	July 27	10.12
Nov. 25	9.96	Feb. 24	9.04	May 24	8.89	Aug. 29	10.24
Dec. 26	10.21	Mar. 25	8.83	June 25	9.03	Sept. 27	9.90
Jan. 27, 1969	10.23	Apr. 24	8.36	July 25	9.36	Oct. 26	9.96
Feb. 26	9.89	May 20	8.25	Aug. 26	9.65	Nov. 27	9.67
Mar. 27	9.60	June 26	8.39	Sept. 27	10.05	Dec. 27	9.11

413449N0703224.1. Local number Falmouth 5. Town of Falmouth. Driven unused water-table well in glacial drift, diam 1½ in, depth 58 ft, casing information not available. Lsd about 8 ft above ms1. MP top of casing, at lsd. Highest water level 2.55 below lsd, May 1, 1958; lowest 5.62 below lsd, Nov. 23, 1965. Records available: 1950-72. Water levels affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	4.30	Apr. 28, 1969	3.26	July 29, 1970	4.70	Oct. 28, 1971	5.37
Feb. 27	4.38	May 26	3.65	Aug. 27	4.87	Nov. 29	5.24
Mar. 27	2.74	June 27	4.17	Sept. 28	5.00	Dec. 28	5.51
Apr. 22	3.35	July 29	4.67	Oct. 28	5.05	Jan. 28, 1972	5.43
May 27	4.04	Aug. 27	5.00	Nov. 24	4.59	Feb. 27	5.18
June 26	4.35	Sept. 26	5.15	Dec. 28	4.40	Mar. 29	4.39
July 26	4.63	Oct. 29	5.38	Jan. 27, 1971	3.98	Apr. 27	4.10
Aug. 27	4.81	Nov. 25	4.80	Feb. 24	3.48	May 26	3.80
Sept. 25	5.08	Dec. 30	4.01	Mar. 26	3.64	June 28	2.58
Oct. 29	5.25	Jan. 26, 1970	3.64	Apr. 28	3.84	July 28	3.50
Nov. 25	4.93	Feb. 24	3.35	May 24	4.00	Aug. 30	4.13
Dec. 26	5.04	Mar. 25	3.48	June 28	4.26	Sept. 28	3.71
Jan. 27, 1969	4.66	Apr. 24	3.09	July 27	4.64	Oct. 30	4.08
Feb. 26	3.48	May 20	3.70	Aug. 27	4.98	Nov. 29	3.10
Mar. 27	2.90	June 26	4.38	Sept. 27	5.20	Dec. 27	3.00

420239N0700620.1. Local number Truro 1. Town of Provincetown. Driven unused water-table well in glacial drift, diam 1½ in, depth 68 ft, casing information not available. Lsd 16.8 ft (previously reported 16 ft) above ms1. MP top of casing, 3.50 ft above lsd. Highest water level 9.7 below lsd, Dec. 27, 1972; lowest 12.1 below lsd, Sept. 11, 1954. Records available: 1950-72. Water levels affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	10.9	Apr. 28, 1969	10.2	July 29, 1970	11.3	Oct. 27, 1971	11.0
Feb. 27	10.9	May 26	10.7	Aug. 27	10.8	Nov. 26	10.9
Mar. 27	10.6	June 27	10.9	Sept. 28	11.3	Dec. 27	11.0
Apr. 22	10.5	July 29	11.0	Oct. 28	11.1	Jan. 27, 1972	10.8
May 27	10.7	Aug. 27	11.1	Nov. 24	10.7	Feb. 25	10.8
June 26	10.9	Sept. 26	11.0	Dec. 28	10.3	Mar. 28	10.7
July 26	11.2	Oct. 29	10.8	Jan. 27, 1971	10.8	Apr. 26	10.4
Aug. 27	11.7	Nov. 25	10.6	Feb. 24	10.9	May 25	10.4
Sept. 25	11.3	Dec. 30	9.9	Mar. 26	10.4	June 27	10.4
Oct. 29	10.8	Jan. 26, 1970	10.0	Apr. 27	10.1	July 27	10.8
Nov. 25	10.5	Feb. 24	10.4	May 24	10.3	Aug. 29	10.9
Dec. 26	10.3	Mar. 25	10.3	June 25	10.8	Sept. 27	10.7
Jan. 27, 1969	10.6	Apr. 24	10.3	July 28	10.9	Oct. 26	10.9
Feb. 26	10.2	May 20	10.6	Aug. 26	11.0	Nov. 27	10.1
Mar. 27	9.8	June 26	10.9	Sept. 27	11.0	Dec. 27	9.7

Berkshire County

423503N0730754.1. Local number Cheshire 2. John Jayko. Wells and Jenks Rds. Dug unused water-table well in glacial drift, diam 30 in, depth 22 ft, cased with stone. Lsd about 1,210 ft above msl. MP inside rim of west side of concrete well top, 1.00 ft above lsd. Highest water level 0.09 below lsd, Jan. 19, 1952; lowest 14.03 below lsd, Nov. 20, 1964. Records available: 1951-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	6.92	June 26, 1969	4.89	Nov. 28, 1970	9.16	Jan. 28, 1972	4.09
Feb. 21	6.99	July 30	5.62	Dec. 29	8.27	Feb. 25	7.60
Mar. 27	6.36	Aug. 27	5.48	Mar. 29, 1971	1.55	Mar. 29	6.35
May 24	2.77	Sept. 24	10.23	Apr. 28	1.50	Apr. 27	1.50
June 26	1.82	Oct. 29	9.69	May 25	2.50	May 26	2.88
July 26	5.75	Nov. 26	4.14	June 25	7.21	June 28	1.39
Aug. 27	9.92	Mar. 27, 1970	1.51	July 28	9.40	July 28	5.24
Sept. 25	8.96	Apr. 28	1.17	Aug. 27	8.23	Aug. 25	7.77
Oct. 29	11.66	May 27	2.20	Sept. 24	6.60	Sept. 28	9.73
Dec. 24	4.00	June 26	6.14	Oct. 27	6.40	Oct. 27	9.52
Jan. 28, 1969	7.86	Sept. 25	9.55	Nov. 29	6.44	Nov. 29	3.72
Mar. 28	4.96	Oct. 28	9.11	Dec. 28	1.75	Dec. 28	2.78

421338N0732152.1. Local number Great Barrington 1. Mrs. Dora A. Campbell. North Plains Rd. and Division St. Dug unused water-table well in glacial drift, diam 34 in, depth 24 ft, cased with stone. Lsd 732.11 ft above msl. MP top of concrete masonry work, at lsd. Highest water level 15.51 below lsd, Aug. 1, 1945; lowest dry, several times, 1964-66. Records available: 1936-68. Measurement discontinued. Jan. 25, 1968, 22.37; Feb. 20, 21.69; Mar. 26, 20.86; Apr. 24, 20.73.

421315N0732128.1. Local number Great Barrington 2. Patrick Spence. Formerly Austin Holian. 0.2 mi north of Rte. 7 on Rte. 41. Dug unused water-table well in glacial drift, diam 36 in, depth 15 ft, cased with stone. Lsd 732 ft (previously reported 725 ft) above msl. MP top of stone curbing east side of well, at lsd. Highest water level 4.02 below lsd, Feb. 12, 1970; lowest 14.97 below lsd, Nov. 20, 1964. Records available: 1951-72. (1956-67 records not previously published.) Recording gage installed January 1968.

Jan. 31, 1956	12.48	Dec. 30, 1958	11.73	Nov. 29, 1961	10.48	Mar. 25, 1965	12.97
Feb. 28	11.53	Jan. 22, 1959	11.89	Dec. 27	11.48	Apr. 28	10.74
Mar. 29	10.49	Feb. 25	12.33	Jan. 28, 1962	10.64	May 26	12.60
Apr. 30	6.86	Mar. 26	8.44	Feb. 26	12.65	June 22	13.03
May 31	10.03	Apr. 30	6.57	Mar. 26	8.91	July 28	13.63
June 28	12.52	May 28	11.26	Apr. 25	9.26	Aug. 27	14.14
July 31	13.04	June 25	12.98	May 24	10.92	Sept. 29	14.02
Aug. 30	13.18	July 30	12.77	June 24	11.35	Oct. 23	13.48
Sept. 27	13.11	Aug. 27	13.13	July 25	12.13	Nov. 27	14.82
Oct. 31	13.12	Sept. 30	13.32	Aug. 24	12.58	Dec. 21	14.36
Nov. 29	12.16	Oct. 29	12.91	Sept. 26	13.18	Jan. 24, 1966	12.98
Dec. 31	10.53	Nov. 30	7.19	Oct. 25	13.12	Feb. 22	11.45
Jan. 31, 1957	11.61	Dec. 31	9.64	Nov. 27	12.88	Mar. 22	7.69
Feb. 28	11.47	Jan. 28, 1960	10.03	Dec. 26	12.74	Apr. 25	9.97
Mar. 28	8.76	Feb. 28	9.24	Jan. 27, 1963	12.86	May 24	10.25
Apr. 30	10.88	Mar. 31	8.68	Feb. 26	12.79	June 22	12.60
May 30	11.59	Apr. 28	7.08	Mar. 27	5.09	July 26	13.17
June 27	13.09	May 31	10.52	Apr. 26	8.78	Aug. 23	13.68
July 31	13.38	June 30	12.33	Oct. 31	13.86	Sept. 22	14.20
Aug. 29	13.74	July 28	12.93	Dec. 20	12.76	Oct. 26	12.85
Sept. 30	13.92	Aug. 31	13.04	Jan. 20, 1964	13.05	Nov. 25	12.58
Oct. 31	13.98	Sept. 29	11.16	Feb. 27	12.08	Dec. 27	12.67
Nov. 28	14.23	Oct. 27	10.42	Mar. 20	5.65	Jan. 26, 1967	12.64
Dec. 31	9.33	Nov. 30	11.39	Apr. 23	7.23	Feb. 27	12.43
Jan. 30, 1958	8.61	Dec. 29	12.93	May 21	11.16	Mar. 28	10.44
Feb. 27	11.88	Jan. 31, 1961	13.03	June 23	12.79	Apr. 26	6.30
Mar. 27	7.32	Feb. 23	12.66	July 21	13.05	May 24	9.55
Apr. 30	7.92	Mar. 30	6.82	Aug. 25	13.33	June 26	7.54
May 29	10.31	Apr. 27	7.66	Sept. 22	13.73	July 27	9.24
June 30	12.52	May 29	9.79	Oct. 22	14.30	Aug. 28	12.60
July 31	12.84	June 29	11.16	Nov. 20	14.97	Sept. 27	12.85
Aug. 28	12.96	July 30	12.63	Dec. 22	14.70	Oct. 26	12.90
Sept. 29	11.86	Aug. 30	13.08	Jan. 21, 1965	13.83	Nov. 27	12.75
Oct. 30	8.88	Sept. 29	12.69	Feb. 23	12.46	Dec. 27	10.55
Nov. 27	7.97	Oct. 30	13.14				

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.50	6.77	12.32	6.50	8.25	9.45	10.15	12.72	12.93	13.18	13.36	12.27
10	11.93	9.32	12.49	7.72	9.74	10.62	10.89	12.75	12.95	13.20	13.35	11.66
15	12.16	10.57	12.02	9.30	9.19	8.26	11.50	12.78	12.98	13.24	13.33	11.81
20	12.37	11.19	9.15	10.15	8.88	7.58	12.05	12.80	13.02	13.23	13.14	11.91
25	12.51	11.75	6.50	6.48	9.10	9.54	12.40	12.84	13.06	13.27	12.90	12.02
Eom	12.59	12.06	6.66	7.70	9.71	8.51	12.66	12.90	13.13	13.31	12.79	11.99

1969

5	11.92	10.30	11.72	5.05	8.00	10.02	11.28	6.91	12.40	12.76	....	9.72
10	12.00	10.66	11.69	5.68	8.10	9.90	11.86	8.71	11.77	12.77	....	9.95
15	12.16	11.12	11.84	6.41	8.81	10.45	12.25	9.90	12.07	12.77	8.71	7.85
20	12.24	11.42	9.90	6.32	9.35	9.75	12.41	10.63	12.40	12.78	6.32	9.15
25	11.95	11.82	4.29	5.09	9.08	11.73	12.74	12.04	12.71	12.79	11.15	9.10
Eom	11.42	11.79	5.80	6.47	9.24	10.73	8.99	11.85	12.74	....	9.22	9.00

1970

5	8.97	4.18	8.80	5.78	8.60	8.87	12.64	12.81	12.91	12.88	12.87	12.43
10	9.40	5.70	8.27	5.85	9.09	10.19	12.69	12.83	12.93	12.87	12.87	12.45
15	10.07	5.67	8.99	6.90	9.83	11.05	12.71	12.85	12.81	12.87	12.83	12.47
20	10.50	5.82	8.82	7.15	8.82	11.73	12.74	12.89	12.91	12.88	12.67	12.50
25	10.80	7.64	6.15	7.62	9.07	12.18	12.76	12.87	12.84	12.89	12.54	12.53
Eom	10.10	8.60	5.50	7.97	10.43	12.49	12.71	12.86	12.89	12.90	12.44	12.56

421315N0732128.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.55	12.75	7.18	5.37	7.61	10.27	12.65	12.74	12.65	12.56	12.66	11.52
10	12.60	12.77	7.43	5.05	7.41	10.83	12.71	12.68	12.71	12.61	12.69	8.91
15	12.60	12.55	6.75	5.55	6.72	11.38	12.74	12.70	12.73	12.50	12.70	....
20	12.62	12.24	6.90	7.45	8.05	11.88	12.73	12.81	12.65	12.47	12.71	....
25	12.68	12.46	7.50	8.55	8.95	12.25	12.79	12.85	12.46	12.52	12.73	....
Eom	12.70	6.20	7.05	8.20	9.66	12.50	12.80	12.66	12.45	12.61	11.90	8.61

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.48	.....	....	6.50	4.28	7.25	5.45	10.90	12.70	.....	12.58	8.00
10	8.50	.....	....	7.09	5.14	5.80	8.33	11.10	12.73	.....	12.37	5.81
15	6.37	.....	....	5.63	6.72	8.30	9.16	11.80	12.75	.....	9.38	6.32
20	9.07	.....	....	4.42	6.01	9.58	9.88	12.18	12.77	.....	8.92	7.75
25	9.13	11.34	....	5.03	8.12	6.20	10.39	12.50	12.80	12.67	9.50	6.52
Eom	10.21	.....	5.89	7.23	7.25	5.50	10.90	12.67	12.83	12.72	8.16	6.08

Essex County

424841N0710041.1. Local number Haverhill 23. Benjamin Hamm. Amesbury Line Rd. Dug unused water-table well in sand, diam 12 in, depth 15 ft, cased with tile. Lad about 105 ft above msl. MP hole in base of wooden recorder shelter, 1.00 ft above lad. Highest water level 8.08 below lad, Apr. 19, 1961; lowest 15.02 below lsd, Feb. 2, 1966. Records available: 1960-72.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.34	12.83	12.73	9.37	10.47	11.50	11.45	12.31	13.30	13.86	14.24	13.00
10	e13.40	12.56	12.78	9.55	10.69	11.60	11.50	12.48	13.41	13.90	14.23	12.56
15	e13.45	12.55	12.57	9.74	10.86	11.63	11.62	12.65	13.48	13.97	13.62	12.53
20	e13.19	12.58	9.98	9.92	11.03	11.63	11.77	12.81	13.60	14.05	13.40	12.50
25	e13.14	12.67	9.46	10.11	11.19	11.68	11.94	12.96	13.67	14.12	13.26	12.47
Eom	13.12	12.60	9.33	10.26	11.36	11.58	12.15	13.15	13.77	14.18	13.24	12.50

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.55	11.77	12.39	9.39	9.16	10.86	12.26	13.08	e13.75	13.94	14.27	12.76
10	12.39	11.84	12.50	9.16	9.37	11.12	12.48	13.16	e13.50	14.01	e13.50	12.72
15	12.42	12.02	12.56	9.20	9.67	11.39	12.55	13.30	e13.58	14.08	e12.58	12.22
20	12.50	12.17	12.41	9.26	9.95	11.63	12.71	13.42	e13.68	14.16	e12.55	12.12
25	12.12	12.21	11.30	8.94	10.22	11.82	12.86	13.54	e13.78	14.22	e12.60	12.06
Eom	11.83	12.26	9.76	8.97	10.55	12.05	12.98	13.64	13.86	14.33	12.72	10.24

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.05	9.89	10.39	9.22	9.99	10.70	11.95	13.04	13.72	14.14	14.15	13.70
10	10.04	9.77	10.50	9.28	10.15	10.90	12.17	13.19	13.81	14.20	14.12	13.65
15	10.19	9.49	10.64	9.50	10.39	11.15	12.23	13.33	13.91	14.27	14.11	13.61
20	10.37	9.75	10.77	9.67	10.28	11.37	12.51	13.45	14.02	14.33	13.96	13.60
25	10.56	9.98	10.24	9.79	10.26	11.61	12.70	13.50	13.99	14.17	13.83	13.60
Eom	10.79	10.14	10.13	9.89	10.54	11.77	12.90	13.62	14.06	14.10	13.75	13.63

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.66	13.58	12.36	9.01	9.12	9.72	11.33	12.64	13.48	14.05	14.37	13.57
10	13.68	13.51	12.21	8.67	9.23	9.97	11.59	12.80	13.60	14.14	14.40	13.45
15	13.71	13.27	12.13	8.48	8.98	10.27	11.85	12.95	13.68	14.13	14.45	13.42
20	13.73	13.00	10.89	8.63	8.94	10.58	12.07	13.12	13.74	14.22	14.51	13.32
25	13.76	12.84	10.42	8.76	9.17	10.82	12.28	13.22	13.85	14.27	14.47	13.21
Eom	13.63	12.75	9.66	8.98	9.45	11.09	12.50	13.33	13.95	14.33	14.20	13.01

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.96	12.28	11.08	9.22	9.05	9.08	9.75	10.84	11.99	13.01	13.40	10.55
10	12.91	12.14	10.69	9.25	9.03	8.88	10.01	11.06	12.20	12.99	12.73	9.86
15	12.74	11.91	10.70	9.16	8.93	8.78	10.22	11.29	12.39	13.09	12.32	9.51
20	12.62	11.85	9.94	9.07	8.88	9.08	10.50	11.53	12.56	13.18	12.05	9.59
25	12.60	11.99	9.00	8.92	8.98	9.26	10.55	11.75	12.71	13.28	11.34	9.75
Eom	12.66	12.11	9.18	8.98	9.24	9.54	10.65	12.00	12.86	13.36	10.97	9.96

e Estimated.

425103N0705134.1. Local number Salisbury 9. Eugene G. Folsom. Garrish Rd. Dug unused water-table well in sand, diam 30 in, depth 11 ft, cased with tile. Lad about 35 ft above msl. MP top inside 11p of tile casing, 1.60 ft above lad. Highest water level 3.06 below lad, Mar. 27, 1969; lowest 8.20 below lsd, Sept. 25, 1964. Records available: 1960-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	4.37	Apr. 28, 1969	4.16	July 29, 1970	6.40	Oct. 21, 1971	6.62
Feb. 26	5.30	May 27	5.05	Aug. 26	6.58	Nov. 23	6.14
Mar. 27	3.93	June 27	5.60	Sept. 28	6.49	Dec. 22	4.50
Apr. 25	4.08	July 29	6.49	Oct. 28	5.15	Jan. 25, 1972	4.49
May 27	4.82	Aug. 27	6.86	Nov. 25	4.74	Feb. 23	4.84
June 26	4.94	Sept. 26	6.95	Dec. 23	4.44	Mar. 24	3.17
July 24	6.93	Oct. 28	7.10	Jan. 26, 1971	4.98	Apr. 24	3.83
Aug. 27	7.19	Nov. 26	4.63	Feb. 22	3.97	May 22	4.04
Sept. 27	7.74	Dec. 30	4.20	Mar. 23	3.76	June 22	4.93
Oct. 29	7.64	Jan. 27, 1970	5.42	Apr. 23	4.67	July 24	5.78
Nov. 26	5.37	Feb. 25	4.50	May 24	4.56	Aug. 24	6.63
Dec. 27	4.35	Mar. 27	3.74	June 22	5.70	Sept. 22	5.86
Jan. 28, 1969	4.16	Apr. 28	4.32	July 22	6.42	Oct. 24	5.96
Feb. 25	4.07	May 26	4.53	Aug. 24	6.86	Nov. 22	3.82
Mar. 27	3.06	June 26	5.84	Sept. 28	6.77	Dec. 21	4.62

Franklin County

423305N0723203.1. Local number Montague 5. C. A. Kurtyka. Dug unused water-table well in glacial drift, diam 38 in, depth 9 ft, cased with stone. Lsd about 240 ft above msl. MP center of chiseled cross in stone lining, 1.30 ft below lsd. Highest water level 0.78 below lsd, Apr. 27, 1944; lowest dry, Aug. 24, 1966. Records available: 1936-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	4.75	Mar. 28, 1969	2.40	Apr. 28, 1970	1.57	May 25, 1971	3.04
Feb. 21	4.80	Apr. 25	1.81	May 27	1.20	June 25	4.50
Mar. 27	2.58	May 27	3.13	June 26	2.85	July 28	5.17
Apr. 25	2.10	June 26	3.70	July 29	3.76	Aug. 27	4.39
May 24	3.62	July 30	2.98	Aug. 27	3.87	Sept. 24	5.30
June 26	2.66	Aug. 27	4.29	Sept. 25	4.35	Oct. 27	4.91
July 26	4.54	Sept. 24	4.84	Oct. 28	4.33	Nov. 29	5.57
Aug. 27	5.90	Oct. 29	5.40	Nov. 25	3.60	Dec. 28	3.68
Sept. 25	5.89	Nov. 26	3.50	Dec. 29	4.35	Jan. 28, 1972	4.10
Oct. 29	5.23	Dec. 30	3.15	Jan. 27, 1971	3.45	Feb. 25	4.60
Nov. 26	3.93	Jan. 27, 1970	3.97	Feb. 25	3.10	Mar. 29	1.62
Dec. 24	3.29	Feb. 25	1.80	Mar. 29	1.95	Apr. 27	1.86
Jan. 28, 1969	3.79	Mar. 27	1.30	Apr. 28	2.78	May 26	2.28
Feb. 25	3.35						

422607N0723244.1. Local number Sunderland 7. Town of Sunderland. Rte. 116 at Russellville Brook. Driven unused water-table well in glacial outwash, diam 24 in, depth 54 ft, casing information not available. Lsd about 210 ft above msl. MP top of casing, at lsd. Highest water level 7.10 below lsd, Apr. 28, 1970; lowest 23.26 below lsd, Feb. 24, 1966. Records available: 1957-72. Water levels affected by pumping.

Jan. 26, 1968	16.02	May 27, 1969	9.48	Aug. 27, 1970	12.26	Nov. 29, 1971	17.63
Feb. 21	16.40	June 26	11.19	Sept. 27	13.89	Dec. 28	18.45
Mar. 27	11.22	July 30	11.81	Oct. 28	15.17	Jan. 28, 1972	18.55
Apr. 25	11.79	Aug. 27	9.26	Nov. 25	16.33	Feb. 25	17.76
May 24	10.58	Sept. 24	10.97	Dec. 29	17.24	Mar. 29	11.11
June 26	9.15	Oct. 29	12.25	Jan. 27, 1971	18.41	Apr. 27	9.52
July 26	10.47	Nov. 26	13.02	Feb. 25	18.78	May 26	8.32
Aug. 27	12.40	Dec. 30	11.80	Apr. 28	10.17	June 28	8.25
Sept. 25	14.10	Jan. 27, 1970	12.80	May 29	8.20	July 28	9.40
Oct. 29	15.02	Feb. 25	7.50	June 25	10.04	Aug. 25	10.86
Nov. 26	15.29	Mar. 27	7.45	July 28	11.48	Sept. 28	11.88
Dec. 24	15.53	Apr. 28	7.10	Aug. 27	12.96	Oct. 27	13.95
Jan. 28, 1969	16.54	May 27	7.43	Sept. 24	14.47	Nov. 29	14.02
Mar. 28	10.62	June 26	7.68	Oct. 27	16.15	Dec. 28	13.20
Apr. 25	9.21	July 29	10.80				

Hampden County

420646N0724201.1. Local number Westfield 62. Westfield Sanatorium. East Mountain Rd. near Rte. 20. Driven unused water-table well in glacial outwash, diam 24 in, depth 25 ft, casing information not available. Lsd about 210 ft above msl. MP top of casing, 3.50 ft above lsd. Highest water level 4.09 below lsd, Apr. 30, 1958; lowest 11.18 below lsd, Sept. 5, 1957. Records available: 1957-72. Water levels affected by pumping.

Jan. 29, 1968	8.02	Apr. 25, 1969	4.23	July 24, 1970	6.87	Oct. 26, 1971	8.01
Feb. 26	7.60	May 26	5.75	Aug. 25	8.06	Nov. 23	8.28
Mar. 28	5.85	June 26	6.62	Sept. 24	8.70	Dec. 27	6.31
Apr. 24	6.65	July 28	7.26	Oct. 23	9.00	Jan. 24, 1972	6.57
May 27	6.88	Aug. 27	6.98	Nov. 28	8.95	Feb. 24	6.63
June 24	6.35	Sept. 25	7.09	Dec. 24	8.74	Mar. 24	4.97
July 26	6.20	Oct. 28	8.16	Jan. 25, 1971	8.68	Apr. 24	4.21
Aug. 21	7.12	Nov. 26	6.84	Feb. 22	8.50	May 25	4.82
Sept. 24	8.25	Dec. 23	5.82	Mar. 23	4.97	June 22	4.98
Oct. 28	8.80	Jan. 27, 1970	6.87	Apr. 22	4.90	July 24	4.75
Nov. 21	7.35	Feb. 24	5.43	May 25	6.07	Aug. 23	6.11
Dec. 26	6.59	Mar. 25	5.80	June 24	6.93	Sept. 25	7.26
Jan. 27, 1969	7.22	Apr. 23	4.34	July 23	8.09	Oct. 23	7.44
Feb. 25	7.45	May 23	5.43	Aug. 24	8.54	Nov. 29	5.17
Mar. 26	5.32	June 24	6.50	Sept. 23	8.16		

Hampshire County

421356N0723221.1. Local number Granby 68. Holyoke Water Power Co. Morgan St. Driven unused water-table well in glacial sand, diam 14 in, depth 18 ft, well point 16-18. Lsd about 240 ft above msl. MP top of casing, at lsd. Highest water level 4.99 below lsd, Aug. 22, Nov. 15, 1955; lowest 11.17 below lsd, Nov. 25, 1964. Records available: 1954-72.

Jan. 25, 1968	8.37	Apr. 25, 1969	5.75	July 28, 1970	8.30	Oct. 26, 1971	9.52
Feb. 23	8.02	May 26	6.92	Aug. 26	8.83	Nov. 26	9.38
Mar. 26	6.46	June 25	7.78	Sept. 24	9.45	Dec. 27	7.83
Apr. 24	7.08	July 29	8.73	Oct. 27	9.72	Jan. 27, 1972	7.48
May 23	7.40	Aug. 26	8.57	Nov. 24	9.24	Feb. 24	7.68
June 25	7.15	Sept. 23	9.15	Dec. 28	8.99	Mar. 28	6.25
July 25	7.58	Oct. 28	9.48	Jan. 26, 1971	9.11	Apr. 26	5.58
Aug. 26	8.85	Nov. 25	8.08	Feb. 24	8.55	May 25	6.09
Sept. 23	9.69	Dec. 29	7.15	Mar. 29	6.15	June 27	6.05
Oct. 28	10.00	Jan. 26, 1970	7.76	Apr. 27	6.77	July 27	6.53
Nov. 25	8.86	Feb. 24	6.40	May 24	6.76	Aug. 24	7.73
Dec. 23	7.80	Mar. 26	6.27	June 24	8.02	Sept. 27	8.97
Jan. 27, 1969	8.00	Apr. 27	6.05	July 27	9.23	Oct. 26	9.27
Feb. 24	8.24	May 26	6.40	Aug. 26	9.64	Nov. 28	7.64
Mar. 27	6.30	June 25	7.40	Sept. 23	9.74	Dec. 27	6.47

Middlesex County

422316N0710925.1. Local number Cambridge 667. Cambridge Water Dept. Blanchard Rd. and Concord Ave. Drilled unused water-table well in sand and gravel, diam 8 in, depth 129 ft, casing information not available. Lsd 11.63 ft above msl. MP top of casing, 0.39 ft above lsd. Highest water level 5.14 below lsd, Dec. 29, 1969; lowest 27.21 below lsd, Dec. 27, 1965. Records available: 1944-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	14.40	Apr. 25, 1969	5.99	July 28, 1970	9.01	Oct. 22, 1971	16.24
Feb. 27	10.97	May 26	5.90	Aug. 25	11.24	Nov. 22	17.85
Mar. 26	9.58	June 26	8.32	Sept. 25	12.64	Dec. 21	16.80
Apr. 24	6.29	July 25	9.95	Oct. 27	13.70	Jan. 24, 1972	16.27
May 24	6.43	Aug. 26	10.36	Nov. 24	12.55	Feb. 22	16.99
June 25	6.61	Sept. 25	11.41	Dec. 22	10.85	Mar. 23	11.44
July 23	8.23	Oct. 29	10.81	Jan. 25, 1971	11.34	Apr. 21	6.95
Aug. 26	9.03	Nov. 25	7.62	Feb. 23	12.37	May 23	5.82
Sept. 26	10.55	Dec. 29	5.14	Mar. 24	9.24	June 23	5.48
Oct. 28	13.80	Jan. 26, 1970	6.89	Apr. 22	6.21	July 25	6.11
Nov. 25	13.04	Feb. 24	7.01	May 21	5.92	Aug. 25	7.61
Dec. 26	10.61	Mar. 26	6.13	June 23	7.09	Sept. 25	10.20
Jan. 27, 1969	8.73	Apr. 27	6.26	July 23	10.13	Oct. 25	14.47
Feb. 24	10.50	May 25	5.36	Aug. 30	13.06	Nov. 24	13.88
Mar. 26	8.14	June 25	6.51	Sept. 27	14.18	Dec. 26	9.13

423845N0712314.1. Local number Chelmsford 68. Mrs. Harold Blackie. Middlesex St. and Groton Rd. Drilled unused water-table well in outwash, diam 6 in, depth 50 ft, cased to 50. Lsd 100.83 ft above msl. MP top of hole in cap on casing, 1.40 ft below lsd. Highest water level 5.25 below lsd, Apr. 25, 1969; lowest 12.24 below lsd, Sept. 28, 1957. Records available: 1939-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	8.34	Apr. 25, 1969	5.25	July 28, 1970	9.66	Oct. 22, 1971	10.29
Feb. 27	8.54	May 26	7.14	Aug. 25	10.47	Nov. 22	9.46
Mar. 26	5.70	June 26	9.22	Sept. 25	10.78	Dec. 21	8.38
Apr. 24	7.56	July 25	10.28	Oct. 27	10.00	Jan. 24, 1972	7.88
May 24	8.15	Aug. 26	9.26	Nov. 24	9.08	Feb. 22	7.79
June 25	8.27	Sept. 25	9.47	Dec. 22	8.54	Mar. 23	9.98
July 23	9.14	Oct. 29	10.10	Jan. 25, 1971	8.92	Apr. 21	5.95
Aug. 26	10.68	Nov. 25	7.36	Feb. 23	8.60	May 23	5.98
Sept. 26	11.28	Dec. 29	6.14	Mar. 24	7.51	June 23	7.18
Oct. 28	10.88	Jan. 26, 1970	7.43	Apr. 22	6.85	July 25	7.95
Nov. 25	9.21	Feb. 24	6.64	May 21	6.67	Aug. 25	9.53
Dec. 26	7.08	Mar. 26	7.70	June 23	8.97	Sept. 25	9.99
Jan. 27, 1969	8.10	Apr. 27	6.75	July 23	10.13	Oct. 25	9.20
Feb. 25	8.65	May 25	7.59	Aug. 30	9.84	Nov. 24	7.46
Mar. 26	7.41	June 25	9.22	Sept. 27	10.13	Dec. 26	6.95

423812N0711748.1. Local number Lowell 14. Rogers Hall School. Rogers St. and Fort Hill Ave. Dug unused water-table well in till, diam 24 in, depth 30 ft, cased with stone. Lsd 157.78 ft above msl. MP top edge of stone slab under wooden cover, 0.20 ft below lsd. Highest water level 7.79 below lsd, Mar. 27, 1958; lowest 19.79 below lsd, Dec. 29, 1965. Records available: 1939-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	14.46	Apr. 25, 1969	9.39	July 28, 1970	12.83	Oct. 22, 1971	15.63
Feb. 27	12.48	May 26	10.78	Aug. 25	13.98	Nov. 22	15.98
Mar. 26	9.26	June 26	12.84	Sept. 25	15.21	Dec. 21	14.78
Apr. 24	9.84	July 25	14.34	Oct. 27	16.24	Jan. 24, 1972	12.89
May 24	10.72	Aug. 26	15.18	Nov. 24	16.10	Feb. 22	12.81
June 25	11.36	Sept. 25	15.67	Dec. 22	15.10	Mar. 23	9.96
July 23	11.80	Oct. 29	16.70	Jan. 25, 1971	14.59	Apr. 21	9.39
Aug. 26	13.75	Nov. 25	15.09	Feb. 23	14.08	May 23	8.78
Sept. 26	15.24	Dec. 29	12.97	Mar. 24	9.37	June 23	9.74
Oct. 28	16.52	Jan. 26, 1970	11.77	Apr. 22	9.29	July 25	11.47
Nov. 25	16.78	Feb. 24	10.09	May 21	9.07	Aug. 25	13.17
Dec. 26	14.82	Mar. 26	9.56	June 23	11.33	Sept. 25	14.00
Jan. 27, 1969	13.78	Apr. 27	9.09	July 23	12.60	Oct. 25	14.39
Feb. 25	13.00	May 25	9.98	Aug. 30	13.70	Nov. 24	13.28
Mar. 26	9.97	June 25	11.38	Sept. 27	14.65	Dec. 26	10.15

423329N0711225.1. Local number Wilmington 10. L. Chisholm. Hopkins St. and Shawsheen Ave. Dug unused water-table well in sand, diam 36 in, depth 9 ft, cased with stone. Lsd 113.63 ft above msl. MP projecting stone in well, 0.17 ft below lsd. Highest water level 0.45 below lsd, Feb. 27, 1968; lowest dry, Dec. 13, 1941, Oct. 30, 1957. Records available: 1940-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	1.86	Apr. 25, 1969	1.20	July 29, 1970	4.03	Oct. 21, 1971	6.88
Feb. 27	.45	May 26	2.55	Aug. 26	5.70	Nov. 23	6.62
Mar. 26	1.20	June 26	4.47	Sept. 28	6.51	Dec. 22	3.63
Apr. 24	1.87	July 25	6.27	Oct. 28	5.55	Jan. 24, 1972	1.64
May 24	1.72	Aug. 26	6.67	Nov. 25	4.01	Feb. 22	1.89
June 25	2.82	Sept. 25	6.54	Dec. 23	4.81	Mar. 23	1.02
July 23	3.30	Oct. 29	6.30	Jan. 26, 1971	3.62	Apr. 21	1.17
Aug. 26	5.87	Nov. 25	1.60	Feb. 22	1.27	May 23	1.28
Sept. 26	7.00	Dec. 29	1.17	Mar. 23	1.24	June 23	1.15
Oct. 28	7.73	Jan. 27, 1970	2.54	Apr. 23	1.77	July 25	2.96
Nov. 25	3.84	Feb. 25	1.27	May 24	1.80	Aug. 25	5.04
Dec. 26	2.15	Mar. 27	1.12	June 22	3.24	Sept. 25	5.48
Jan. 27, 1969	1.05	Apr. 28	1.38	July 22	4.93	Oct. 25	4.97
Feb. 25	1.23	May 26	1.82	Aug. 24	5.45	Nov. 24	1.44
Mar. 26	.96	June 26	3.67	Sept. 28	6.68	Dec. 26	1.25

423401N0710938.1. Local number Wilmington 78. Town of Wilmington. Whitefield School, Middlesex Ave. Dug unused water-table well in sand, diam 42 in, depth 12 ft, cased with stone. Lsd about 80 ft above msl. MP hole in base of wooden recorder shelter, 0.33 ft above lsd. Highest water level 4.90 below lsd, May 2, 1953; lowest 11.27 below lsd, Oct. 30, 1957. Records available: 1951-72.

423401N0710938.1--Continued.

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.94	7.08	7.72	5.97	7.03	7.59	7.10	8.37	9.30	9.84	10.15	8.21
10	8.01	6.94	7.67	6.24	7.20	e7.66	7.35	8.50	9.42	9.90	9.87	7.91
15	7.85	7.15	7.36	6.40	7.31	e7.50	7.56	8.67	9.47	9.97	9.31	7.66
20	7.76	7.34	5.77	6.61	7.36	e7.51	7.74	8.84	9.57	10.02	8.91	7.52
25	7.70	7.54	5.54	6.65	7.42	7.59	7.95	8.98	9.67	10.08	8.66	7.45
Eom	7.60	7.58	5.76	6.89	7.50	7.15	8.20	9.16	9.75	10.11	8.54	7.45
1969												
5	7.60	7.36	7.80	5.44	6.04	7.40	8.39	8.33	8.77	8.84	8.69	7.06
10	7.51	7.45	7.79	5.44	6.23	7.57	8.55	8.17	8.43	8.88	7.39	6.88
15	7.71	7.61	7.74	5.74	6.50	7.77	8.24	8.20	8.54	8.92	6.66	6.36
20	7.70	7.66	7.26	5.65	6.74	7.93	8.32	8.37	8.58	8.97	6.62	6.46
25	7.38	7.75	5.82	5.49	6.93	8.09	8.45	8.50	8.68	9.00	6.76	6.51
Eom	7.24	7.80	5.67	5.79	7.17	8.25	8.50	8.65	8.79	9.06	6.89	5.32
1970												
5	5.66	6.16	6.23	5.24	6.40	6.62	7.32	8.12	8.83	9.13	8.62	7.94
10	5.85	5.33	6.37	5.44	6.59	6.61	7.51	8.30	8.94	9.14	8.56	7.90
15	6.13	5.78	6.40	5.73	6.78	6.83	7.64	8.42	9.03	9.20	8.41	7.89
20	6.38	5.91	6.45	5.98	6.33	7.00	7.77	8.59	9.00	9.19	8.25	7.76
25	6.61	6.14	6.10	6.00	6.41	7.23	7.88	8.62	9.07	8.93	8.10	7.75
Eom	6.79	6.24	5.90	6.23	6.67	7.34	8.01	8.75	9.10	8.73	8.05	7.86
1971												
5	7.92	e8.24	6.49	6.15	6.63	6.99	7.92	8.56	9.22	9.61	9.62	8.04
10	7.90	e8.15	6.36	6.10	6.64	7.17	8.10	8.69	9.35	9.52	9.57	7.95
15	7.95	e7.65	6.43	6.20	6.43	7.36	8.27	8.80	9.30	9.56	9.52	7.93
20	8.03	e7.35	5.66	6.36	6.30	7.56	8.34	8.91	9.45	9.61	9.50	7.89
25	8.12	e7.04	5.67	6.52	6.55	7.62	8.50	9.02	9.51	9.66	9.15	7.82
Eom	e8.10	e6.86	5.97	6.60	6.79	7.77	8.61	9.09	9.53	9.66	8.49	7.77
1972												
5	7.70	7.34	6.58	5.73	5.90	5.39	6.50	7.82	8.52	9.15	8.92	e6.90
10	7.59	7.45	6.22	5.87	5.82	5.27	6.75	7.99	8.65	8.95	8.32	e6.87
15	7.44	7.31	6.12	5.95	5.80	5.52	6.97	8.12	8.80	8.90	7.79	e6.77
20	7.43	7.37	5.44	5.92	5.87	5.83	7.21	8.37	8.89	8.91	7.33	e6.65
25	7.52	7.56	4.97	5.77	6.06	6.04	7.39	8.51	8.97	8.94	7.06	6.56
Eom	7.56	7.44	e5.31	6.03	5.40	6.26	7.62	8.72	9.05	8.99	e6.89	6.55

e Estimated.

422757N0710938.1. Local number Woburn 38. City of Woburn. Woburn Parkway. Driven unused water-table well in glacial drift, diam 2½ in, depth 21 ft, casing information not available. Lad 51.66 ft above msl. MP lowest point on top of bent casing, 1.50 ft above lsd. Highest water level 6.69 below lsd, Mar. 29, 1963; lowest dry, Dec. 27, 1965. Records available: 1940-68. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	9.23	Mar. 26, 1968	7.12	May 24, 1968	8.84	Aug. 26, 1968	9.70
Feb. 27	9.32	Apr. 24	6.49	June 25	7.65	Sept. 26	11.42

Norfolk County

421435N0711657.1. Local number Dover 10. U.S. Geol. Survey. Springdale Ave. at Dover Public School. Augured observation water-table well in sand and gravel, diam 2 in, depth 54 ft, well point 52-54. Lad about 150 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 30.25 below lsd, Feb. 20, 1970; lowest 36.87 below lsd, Jan. 21, 1966. Records available: 1965-72.

Jan. 29, 1965	35.87	Jan. 31, 1967	35.63	Jan. 24, 1969	33.95	Jan. 25, 1971	33.57
Feb. 23	35.40	Feb. 24	35.17	Feb. 26	33.75	Feb. 23	33.36
Mar. 26	33.90	Mar. 27	34.00	Mar. 25	33.40	Mar. 24	31.49
Apr. 26	33.32	Apr. 25	31.50	Apr. 24	30.85	Apr. 26	31.23
May 24	33.18	May 23	30.88	May 23	31.10	May 21	31.57
June 28	33.40	June 28	31.08	June 24	32.11	June 28	32.38
July 23	33.86	July 26	31.92	July 28	33.19	July 26	33.22
Aug. 23	34.55	Aug. 30	32.87	Aug. 25	33.69	Aug. 25	34.00
Sept. 27	35.24	Sept. 26	33.50	Sept. 22	34.27	Sept. 22	34.63
Oct. 25	35.68	Oct. 25	34.04	Oct. 27	34.70	Oct. 26	35.21
Nov. 22	36.11	Nov. 24	34.55	Nov. 24	34.02	Nov. 24	35.60
Dec. 20	36.55	Dec. 22	34.46	Dec. 24	32.73	Dec. 23	35.38
Jan. 21, 1966	36.87	Jan. 29, 1968	33.90	Jan. 23, 1970	31.06	Jan. 26, 1972	34.80
Feb. 21	36.82	Feb. 23	32.95	Feb. 20	30.25	Feb. 28	34.02
Mar. 21	35.54	Mar. 25	30.49	Mar. 25	31.22	Mar. 27	31.25
Apr. 22	34.11	Apr. 23	30.58	Apr. 24	30.57	Apr. 25	30.98
May 23	33.80	May 22	31.45	May 25	31.60	May 24	30.49
June 20	33.90	June 24	32.11	June 24	32.25	June 27	30.70
July 25	34.38	July 22	32.43	July 27	33.13	July 26	31.70
Aug. 22	35.86	Aug. 23	33.20	Aug. 25	33.77	Aug. 28	32.76
Sept. 26	35.40	Sept. 23	34.04	Sept. 23	34.13	Sept. 23	33.43
Oct. 24	35.73	Oct. 25	34.70	Oct. 26	34.58	Oct. 30	33.93
Nov. 28	35.83	Nov. 22	35.08	Nov. 23	34.65	Nov. 27	32.94
Dec. 23	35.82	Dec. 27	34.60	Dec. 24	34.18	Dec. 22	31.60

420432N0711512.1. Local number Foxborough 3. U.S. Geol. Survey. Chestnut St. at Foxborough State Hospital. Augured observation water-table well in sand and gravel, diam 2 in, depth 32 ft, well point 30-32. Lad about 290 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 16.24 below lsd, Mar. 25, 1968; lowest 21.42 below lsd, Dec. 28, 1965. Records available: 1965-72.

420432N0711512.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1965	19.77	Jan. 25, 1967	19.70	Jan. 28, 1969	18.90	Jan. 22, 1971	19.21
Feb. 20	19.40	Feb. 24	19.48	Feb. 27	18.59	Feb. 25	18.19
Mar. 26	19.11	Mar. 30	18.48	Mar. 26	17.14	Mar. 25	17.39
Apr. 28	19.24	Apr. 27	17.84	Apr. 24	16.81	Apr. 26	17.78
May 26	19.38	May 29	17.19	May 27	17.59	May 21	17.70
June 25	20.07	June 29	18.15	June 25	18.30	June 24	18.44
July 27	20.78	July 28	18.80	July 25	19.04	July 26	19.36
Aug. 25	21.04	Aug. 24	19.10	Aug. 25	19.39	Aug. 25	20.23
Sept. 24	21.31	Sept. 28	19.79	Sept. 25	19.80	Sept. 28	20.71
Oct. 28	21.29	Oct. 27	19.86	Oct. 29	20.08	Oct. 26	20.93
Nov. 24	21.35	Nov. 29	19.56	Nov. 26	18.87	Nov. 26	21.00
Dec. 28	21.42	Dec. 27	18.45	Dec. 29	16.84	Dec. 23	20.07
Jan. 29, 1966	20.98	Jan. 25, 1968	18.01	Jan. 27, 1970	17.91	Jan. 26, 1972	19.43
Feb. 26	19.27	Feb. 28	17.82	Feb. 25	17.18	Feb. 28	19.23
Mar. 22	19.00	Mar. 25	16.24	Mar. 24	17.52	Mar. 27	17.29
Apr. 27	19.65	Apr. 24	17.51	Apr. 23	17.00	Apr. 25	17.73
May 25	19.92	May 23	18.02	May 21	17.76	May 24	17.10
June 28	20.22	June 24	18.03	June 25	18.52	June 26	17.10
July 20	20.46	July 24	18.50	July 27	19.39	July 26	18.41
Aug. 24	20.92	Aug. 26	19.44	Aug. 26	20.13	Aug. 28	19.42
Sept. 26	21.00	Sept. 24	20.10	Sept. 25	20.58	Sept. 26	19.75
Oct. 24	20.83	Oct. 28	20.62	Oct. 27	20.56	Oct. 27	20.09
Nov. 27	19.89	Nov. 26	19.74	Nov. 23	19.83	Nov. 28	18.28
Dec. 22	20.06	Dec. 27	18.85	Dec. 29	19.09	Dec. 28	17.53

420954N0705645.1. Local number Weymouth 2. U.S. Geol. Survey. U.S. Naval Air Station at main gate. Augured observation water-table well in glacial till, diam 2 in, depth 30 ft, well point 28-30. Lsd 180 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 5.59 below lsd, Mar. 26, 1969; lowest 22.06 below lsd, Nov. 22, 1965. Records available: 1965-72.

Jan. 29, 1965	13.38	Jan. 26, 1967	10.98	Jan. 28, 1969	11.22	Jan. 28, 1971	11.94
Feb. 27	10.11	Feb. 23	9.86	Feb. 27	9.79	Feb. 25	8.65
Mar. 26	10.00	Mar. 31	7.09	Mar. 26	5.59	Mar. 29	7.76
Apr. 26	9.69	Apr. 26	6.45	Apr. 25	5.94	Apr. 26	9.18
May 23	10.51	May 31	6.17	May 27	9.10	May 21	7.77
June 24	14.63	June 28	7.94	June 24	11.99	June 24	12.20
July 26	16.86	July 27	10.51	July 24	14.49	July 26	15.60
Aug. 24	19.34	Aug. 23	12.74	Aug. 26	15.48	Aug. 25	18.30
Sept. 27	21.53	Sept. 28	15.30	Sept. 24	17.15	Sept. 27	20.50
Oct. 26	21.69	Oct. 24	16.08	Oct. 29	18.22	Oct. 26	21.74
Nov. 22	22.06	Nov. 28	15.49	Nov. 28	11.02	Nov. 26	21.72
Dec. 28	21.19	Dec. 27	11.36	Dec. 29	6.06	Dec. 23	16.22
Jan. 26, 1966	19.85	Jan. 26, 1968	8.89	Jan. 28, 1970	9.38	Jan. 26, 1972	11.72
Feb. 25	11.37	Feb. 27	9.70	Feb. 25	6.88	Feb. 28	10.69
Mar. 28	9.57	Mar. 26	5.97	Mar. 24	7.10	Mar. 27	7.05
Apr. 26	11.35	Apr. 25	7.80	Apr. 23	8.03	Apr. 27	7.45
May 26	11.71	May 23	8.82	May 22	8.91	May 24	6.93
June 29	13.10	June 25	9.35	June 29	11.38	June 26	8.22
July 25	15.19	July 25	11.60	July 28	14.00	July 26	12.00
Aug. 23	17.82	Aug. 27	15.20	Aug. 26	16.78	Aug. 28	14.78
Sept. 28	18.37	Sept. 24	17.77	Sept. 24	18.98	Sept. 26	13.75
Oct. 26	18.04	Oct. 28	19.71	Oct. 28	20.33	Oct. 27	13.80
Nov. 22	13.84	Nov. 26	15.78	Nov. 23	17.38	Nov. 28	7.81
Dec. 20	13.14	Dec. 28	10.68	Dec. 29	12.63	Dec. 28	5.94

Plymouth County

415228N0705546.1. Local number Lakeville 14. U.S. Geol. Survey. Rte. 105 at Lakeville State Sanitarium. Augured observation water-table well in sand and gravel, diam 2 in, depth 41 ft, well point 39-41. Lsd about 105 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 10.10 below lsd, Apr. 9, 1970; lowest 23.59 below lsd, Oct. 26, 1966. Records available: 1964-72. Recording gage installed January 1968.

June 24, 1964	15.65	May 26, 1965	18.33	Apr. 26, 1966	20.45	Mar. 31, 1967	19.23
July 23	16.97	June 25	18.30	May 26	21.24	Apr. 26	17.68
Aug. 25	18.34	July 26	19.36	June 29	20.99	May 31	15.19
Sept. 25	19.02	Aug. 24	20.53	July 25	21.92	June 28	15.26
Oct. 28	19.38	Sept. 27	21.34	Aug. 23	23.00	July 27	15.99
Nov. 27	19.72	Oct. 28	21.89	Sept. 28	23.39	Aug. 23	16.63
Dec. 28	18.96	Nov. 22	22.22	Oct. 26	23.59	Sept. 29	17.80
Jan. 28, 1965	18.04	Dec. 28	22.31	Nov. 22	22.80	Oct. 27	18.35
Feb. 26	17.33	Jan. 28, 1966	21.27	Dec. 20	22.55	Nov. 28	18.51
Mar. 26	16.79	Feb. 27	20.96	Jan. 26, 1967	21.88	Dec. 27	17.13
Apr. 28	16.78	Mar. 28	20.33	Feb. 23	21.29		

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.36	14.80	15.02	12.10	13.34	13.95	14.19	15.69	16.99	17.84	e18.96	e17.90
10	16.12	14.43	15.20	12.46	13.49	14.10	14.29	15.95	17.11	18.03	e18.70	e17.72
15	15.89	14.33	14.45	12.70	13.64	14.22	14.50	16.18	17.22	18.20	e18.45	e17.61
20	15.70	14.38	12.28	12.98	13.66	14.26	14.77	16.40	17.32	18.35	e18.35	e17.51
25	15.56	14.67	11.85	13.08	13.80	14.41	15.05	16.63	17.45	18.51	e18.27	e17.35
Eom	15.43	14.71	11.98	13.12	13.82	14.32	15.40	16.72	17.67	18.75	e18.16	e16.96

415228N0705546.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.61	19.22	17.52
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.74	18.87	17.45
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.85	18.44	17.20
20	.....	.....	.....	.....	.....	.....	.....	.....	18.19	18.97	18.07	16.85
25	.....	.....	.....	.....	.....	.....	.....	.....	18.25	19.10	17.82	16.45
Eom	16.50	15.60	14.00	11.79	12.70	14.24	15.94	17.19	18.45	19.25	17.58	14.23
1970												
5	13.75	13.82	12.50	10.40	11.69	12.96	13.78	15.52	16.67	17.70	18.04	17.02
10	13.63	13.08	12.60	10.16	11.99	12.95	14.09	15.79	16.85	17.85	17.78	17.07
15	13.72	12.62	12.70	10.60	12.24	13.05	14.38	15.99	17.03	17.98	17.57	17.20
20	13.85	12.40	12.55	10.99	12.46	13.15	14.64	16.16	17.12	18.11	17.34	17.08
25	14.10	12.26	12.43	11.22	12.56	13.40	14.92	16.31	17.35	18.19	17.20	16.82
Eom	14.38	12.43	12.05	11.52	12.77	13.59	15.26	16.51	17.55	18.20	17.13	16.60
1971												
5	16.48	16.43	15.15	14.00	14.32	13.91	15.65	17.32	18.60	19.62	20.36	20.05
10	16.30	16.46	14.78	13.90	14.26	14.19	15.97	17.55	18.79	19.75	20.44	19.79
15	16.28	16.06	14.45	13.81	14.05	14.43	16.30	17.77	18.95	19.90	20.53	19.62
20	16.26	15.78	14.20	13.85	13.75	14.70	16.69	18.00	19.12	20.00	20.60	19.54
25	16.27	15.55	14.03	13.96	13.60	14.98	16.85	18.21	19.29	20.10	20.66	19.46
Eom	16.30	15.48	13.90	14.23	13.64	15.34	17.11	18.42	19.45	20.26	20.46	19.37
1972												
5	19.28	18.55	17.45	14.44	13.91	12.89	12.38	14.40	16.09	16.14	16.20	12.95
10	19.11	18.47	16.99	14.41	13.44	13.12	12.70	14.68	16.10	16.28	15.92	11.92
15	18.94	18.40	16.52	14.44	12.93	13.34	13.01	15.00	16.17	16.20	15.42	11.36
20	18.75	18.34	15.90	14.45	12.60	12.88	13.35	15.28	16.29	16.33	14.74	11.14
25	18.63	18.07	15.13	14.29	12.48	12.27	13.65	15.56	16.11	16.26	13.91	10.44
Eom	18.54	17.83	14.58	14.05	12.51	12.15	14.10	15.91	15.96	16.33	13.33	10.45
e Estimated.												

e Estimated.

415453N0704349.1. Local number Plymouth 22. U.S. Geol. Survey. Meadow Rd. at Plymouth Airport. Driven unused water-table well in sand, diam 1 1/4 in, depth 42 ft, screened 40-42. Lsd about 145 ft above msl. MP top of casing, at lsd. Highest water level 19.82 below lsd, May 26, 1958; lowest 28.99 below lsd, Jan. 28, 1966. Records available: 1956-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	24.17	Apr. 28, 1969	21.91	July 28, 1970	23.04	Oct. 26, 1971	25.85
Feb. 27	23.87	May 27	21.95	Aug. 26	23.72	Nov. 29	26.28
Mar. 26	22.48	June 25	22.45	Sept. 25	24.42	Dec. 28	26.62
Apr. 25	22.15	July 25	23.13	Oct. 27	25.02	Jan. 29, 1972	26.60
May 24	22.67	Aug. 26	23.83	Nov. 23	25.28	Feb. 27	25.75
June 25	23.12	Sept. 25	24.39	Dec. 29	25.31	Mar. 29	24.44
July 25	23.44	Oct. 28	25.05	Jan. 28, 1971	25.28	Apr. 27	23.56
Aug. 27	23.86	Nov. 26	24.55	Feb. 25	24.53	May 26	23.01
Sept. 25	24.45	Dec. 30	23.01	Mar. 29	24.25	June 28	22.54
Oct. 28	25.17	Jan. 27, 1970	22.09	Apr. 26	23.84	July 28	22.72
Nov. 25	25.46	Feb. 24	21.50	May 21	23.73	Aug. 30	23.30
Dec. 26	25.65	Mar. 26	21.77	June 24	23.51	Sept. 28	22.88
Jan. 27, 1969	25.26	Apr. 24	20.65	July 26	23.96	Oct. 30	23.20
Feb. 26	24.70	May 20	21.18	Aug. 25	24.55	Nov. 29	22.49
Mar. 27	23.27	June 25	22.17	Sept. 27	25.20	Dec. 27	20.88

Worcester County

420610N0714214.1. Local number Northbridge 1. U.S. Geol. Survey. Intersection Rte. 146 and Whiting Rd. Augured observation water-table well in sand and gravel, diam 2 in, depth 12 ft, well point 10-12. Lsd about 370 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 2.05 below lsd, Mar. 27, 1972; lowest 4.75 below lsd, Nov. 22, 1965. Records available: 1965-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1965	3.93	Jan. 30, 1967	3.48	Jan. 24, 1969	3.25	Jan. 25, 1971	3.58
Feb. 23	3.72	Feb. 24	3.45	Feb. 26	3.48	Feb. 23	3.03
Mar. 26	3.23	Mar. 30	2.59	Mar. 25	2.23	Mar. 24	2.36
Apr. 26	3.18	Apr. 25	2.45	Apr. 24	2.24	Apr. 26	2.74
May 24	3.41	May 26	2.26	May 23	2.67	May 21	2.63
June 24	3.75	June 28	2.72	June 24	2.95	June 28	3.07
July 23	4.20	July 31	3.05	July 28	3.27	July 26	3.88
Aug. 24	4.41	Aug. 25	3.28	Aug. 25	3.38	Aug. 25	3.83
Sept. 27	4.65	Sept. 26	3.54	Sept. 22	2.95	Sept. 22	3.97
Oct. 25	4.63	Oct. 25	3.62	Oct. 27	3.23	Oct. 28	4.06
Nov. 22	4.75	Nov. 24	3.61	Nov. 24	2.75	Nov. 24	4.03
Dec. 20	4.58	Dec. 22	3.12	Dec. 24	2.61	Dec. 23	3.25
Jan. 21, 1966	4.46	Jan. 29, 1968	3.35	Jan. 23, 1970	2.76	Jan. 26, 1972	2.97
Feb. 21	3.54	Feb. 23	3.03	Feb. 20	2.32	Feb. 28	2.97
Mar. 21	2.88	Mar. 25	2.06	Mar. 25	2.60	Mar. 27	2.05
Apr. 24	3.30	Apr. 23	2.73	Apr. 24	2.48	Apr. 25	2.37
May 23	3.50	May 22	2.85	May 25	2.60	May 24	2.29
June 20	3.53	June 24	2.72	June 24	2.82	June 29	2.40
July 21	3.75	July 22	2.76	July 27	3.16	July 26	2.65
Aug. 22	4.30	Aug. 23	3.25	Aug. 25	3.40	Aug. 28	2.98
Sept. 27	4.29	Sept. 23	3.68	Sept. 23	3.58	Sept. 26	3.08
Oct. 25	4.21	Oct. 25	3.94	Oct. 26	3.62	Oct. 30	3.20
Nov. 28	3.74	Nov. 22	3.44	Nov. 23	3.40	Nov. 27	2.54
Dec. 23	3.93	Dec. 27	3.07	Dec. 24	3.43	Dec. 22	2.38

422805N0714808.1. Local number Sterling 1. Nunzio Lanciani. Justice Hill and South Nelson Rds. Dug unused water-table well in till, diam 24 in, depth 15 ft, cased with stone. Lsd about 710 ft above msl. MP edge of notch in center of 2- x 4-in board, at lsd. Highest water level 1.66 below lsd, Mar. 26, 1969; lowest dry, Nov. 15, 28, 1964. Records available: 1947-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	2.95	Apr. 24, 1969	2.24	July 27, 1970	7.32	Oct. 27, 1971	11.18
Feb. 23	3.30	May 23	3.50	Aug. 25	10.58	Nov. 24	9.87
Mar. 27	2.85	June 24	6.37	Sept. 23	11.80	Dec. 23	2.96
Apr. 23	3.59	July 30	10.38	Oct. 26	12.60	Jan. 26, 1972	2.85
May 22	2.34	Aug. 27	8.87	Nov. 23	9.97	Feb. 28	2.94
June 24	3.33	Sept. 24	9.38	Dec. 24	6.27	Mar. 27	2.77
July 22	3.90	Oct. 27	10.74	Jan. 25, 1971	4.91	Apr. 25	2.78
Aug. 23	8.92	Nov. 24	2.94	Feb. 23	2.70	May 24	2.90
Sept. 25	11.49	Dec. 24	2.78	Mar. 24	2.79	June 28	3.20
Oct. 25	12.58	Jan. 23, 1970	3.12	Apr. 26	3.04	July 26	4.58
Nov. 22	9.25	Feb. 20	2.89	May 21	3.01	Aug. 28	8.48
Dec. 27	2.96	Mar. 25	2.66	June 28	5.84	Sept. 26	10.35
Jan. 24, 1969	2.73	Apr. 24	2.69	July 26	9.44	Oct. 30	8.68
Feb. 25	2.99	May 25	3.10	Aug. 25	11.19	Nov. 27	2.75
Mar. 26	1.66	June 24	4.34	Sept. 22	11.32	Dec. 22	2.77

421410N0720812.1. Local number West Brookfield 2. U.S. Geol. Survey. Intersection Rte. 9 and School St. Augured observation water-table well in sand and gravel, diam 1 1/2 in, depth 40 ft, well point 37-40. Lsd about 630 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 17.33 below lsd, June 27, 1972; lowest 23.63 below lsd, Feb. 21, 1966. Records available: 1959-72.

Oct. 30, 1959	21.00	Feb. 27, 1963	22.11	June 20, 1966	22.45	Oct. 28, 1969	19.63
Nov. 30	20.65	Mar. 30	21.97	July 21	22.37	Nov. 25	19.52
Dec. 30	20.01	Apr. 29	21.32	Aug. 22	22.44	Dec. 29	19.09
Jan. 29, 1960	19.60	May 29	21.09	Sept. 27	22.79	Jan. 26, 1970	18.92
Feb. 28	19.47	June 28	21.33	Oct. 25	22.94	Feb. 24	18.05
Mar. 30	19.55	July 26	21.68	Nov. 28	23.02	Mar. 26	18.02
Apr. 29	19.00	Sept. 27	21.98	Dec. 27	22.99	Apr. 27	17.50
May 29	18.85	Oct. 28	22.22	Jan. 30, 1967	22.92	May 26	17.52
June 30	18.99	Nov. 29	22.44	Feb. 24	22.71	June 25	17.94
July 29	19.35	Dec. 27	22.55	Mar. 30	22.43	July 28	18.37
Aug. 30	19.70	Jan. 28, 1964	22.62	Apr. 26	21.95	Aug. 25	18.78
Sept. 30	19.90	Feb. 27	22.32	May 24	21.45	Sept. 24	19.18
Oct. 31	20.10	Mar. 30	22.05	June 26	20.72	Oct. 27	19.63
Nov. 30	20.20	Apr. 28	21.74	July 31	20.35	Nov. 24	19.88
Dec. 31	20.30	May 28	21.26	Aug. 28	20.47	Dec. 28	20.20
Jan. 31, 1961	20.40	June 29	21.11	Sept. 26	20.73	Jan. 26, 1971	20.33
Feb. 28	20.22	July 29	21.30	Oct. 26	21.01	Feb. 24	20.42
Mar. 31	19.55	Aug. 30	21.65	Nov. 27	21.33	Mar. 29	19.52
Apr. 30	19.10	Sept. 29	21.96	Dec. 29	21.48	Apr. 27	19.25
May 31	18.83	Oct. 31	22.37	Jan. 25, 1968	21.59	May 24	19.15
June 30	19.00	Nov. 30	22.57	Feb. 27	21.62	June 24	19.25
July 31	19.50	Dec. 31	22.83	Mar. 26	21.30	July 27	19.62
Aug. 31	19.80	Jan. 31, 1965	23.30	Apr. 24	20.66	Aug. 26	19.88
Sept. 30	20.22	Feb. 26	22.81	May 23	20.35	Sept. 23	20.07
Oct. 30	20.58	Mar. 25	22.75	June 25	20.16	Oct. 26	20.30
Nov. 30	20.87	Apr. 27	22.75	July 25	19.86	Nov. 26	20.58
Dec. 31	20.66	May 25	22.62	Aug. 26	19.65	Dec. 27	20.34
Jan. 31, 1962	20.70	June 23	22.51	Oct. 28	20.42	Jan. 27, 1972	20.10
Feb. 28	20.43	July 26	22.64	Nov. 25	20.63	Feb. 24	19.97
Mar. 31	20.62	Aug. 25	22.83	Dec. 23	20.59	Mar. 28	19.30
Apr. 24	20.02	Sept. 28	23.06	Jan. 27, 1969	20.65	Apr. 26	19.00
May 26	20.26	Oct. 26	23.22	Feb. 24	20.69	May 25	18.33
June 27	20.20	Nov. 22	23.35	Mar. 27	20.20	June 27	17.33
July 27	20.96	Dec. 20	23.45	Apr. 25	19.63	July 27	17.48
Aug. 28	21.10	Jan. 21, 1966	23.62	May 26	19.04	Aug. 24	17.94
Oct. 29	21.85	Feb. 21	23.63	June 25	19.18	Sept. 27	18.50
Nov. 29	22.18	Mar. 21	23.28	July 29	19.68	Oct. 26	18.89
Dec. 27	22.14	Apr. 24	22.92	Aug. 26	19.24	Nov. 28	18.99
Jan. 28, 1963	22.11	May 23	22.62	Sept. 22	19.30	Dec. 27	18.05

424204N0720152.1. Local number Winchendon 13. W. B. Hart. Forristall and Crosby Rds. Dug unused water-table well in glacial drift, diam 24 in, depth 12 ft, cased with stone. Lsd 1,209.36 ft above msl. MP top of wooden cover, 1.15 ft above lsd (since May 27, 1969). Highest water level 1.86 below lsd, Mar. 20, 1948; lowest 13.36 below lsd, Dec. 24, 1964. Records available: 1939-72.

Jan. 26, 1968	6.26	Apr. 25, 1969	2.90	July 29, 1970	8.66	Oct. 27, 1971	10.45
Feb. 21	5.98	May 27	4.83	Aug. 27	9.86	Nov. 29	9.17
Mar. 27	3.20	June 26	4.54	Sept. 25	10.06	Dec. 28	4.70
Apr. 25	3.92	July 30	7.10	Oct. 28	10.30	Jan. 28, 1972	4.09
May 24	4.36	Aug. 27	6.99	Nov. 25	7.75	Feb. 25	5.17
June 26	4.33	Sept. 24	6.39	Dec. 29	6.97	Mar. 29	3.39
July 26	7.13	Oct. 29	7.73	Jan. 27, 1971	7.75	Apr. 26	3.44
Aug. 27	9.58	Nov. 26	4.35	Feb. 25	6.74	May 24	3.84
Sept. 25	10.84	Dec. 30	4.12	Mar. 29	3.76	June 28	4.74
Oct. 29	11.72	Jan. 27, 1970	5.88	Apr. 28	3.65	July 28	7.00
Nov. 26	11.39	Feb. 25	4.25	May 25	4.16	Aug. 25	9.57
Dec. 24	5.13	Mar. 27	2.44	June 25	6.50	Sept. 28	10.80
Jan. 28, 1969	5.14	Apr. 28	4.00	July 28	9.23	Oct. 27	11.08
Feb. 25	5.95	May 27	4.34	Aug. 27	9.59	Nov. 29	4.32
Mar. 26	2.78	June 26	6.49	Sept. 24	9.78	Dec. 28	4.12

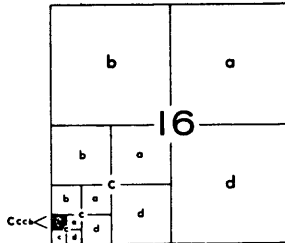
MICHIGAN

The observation-well program in Michigan was continued from 1968 through 1972 in cooperation with the Michigan Department of Natural Resources and its Geological Survey Division. 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.

The local well-numbering system for Michigan indicates the location of wells within the rectangular subdivision of the land with reference to the Michigan meridian and base line. The first two segments of the well number designate township and range, the third segment of the number gives the section and an a, b, c, d, breakdown of the section as illustrated below. Thus, a well designated as 32N 6E 16-cccb would be located to the nearest 2.5-acres as pinpointed by the hachured area in section 16 below.



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.

Alger County

Au Train Township

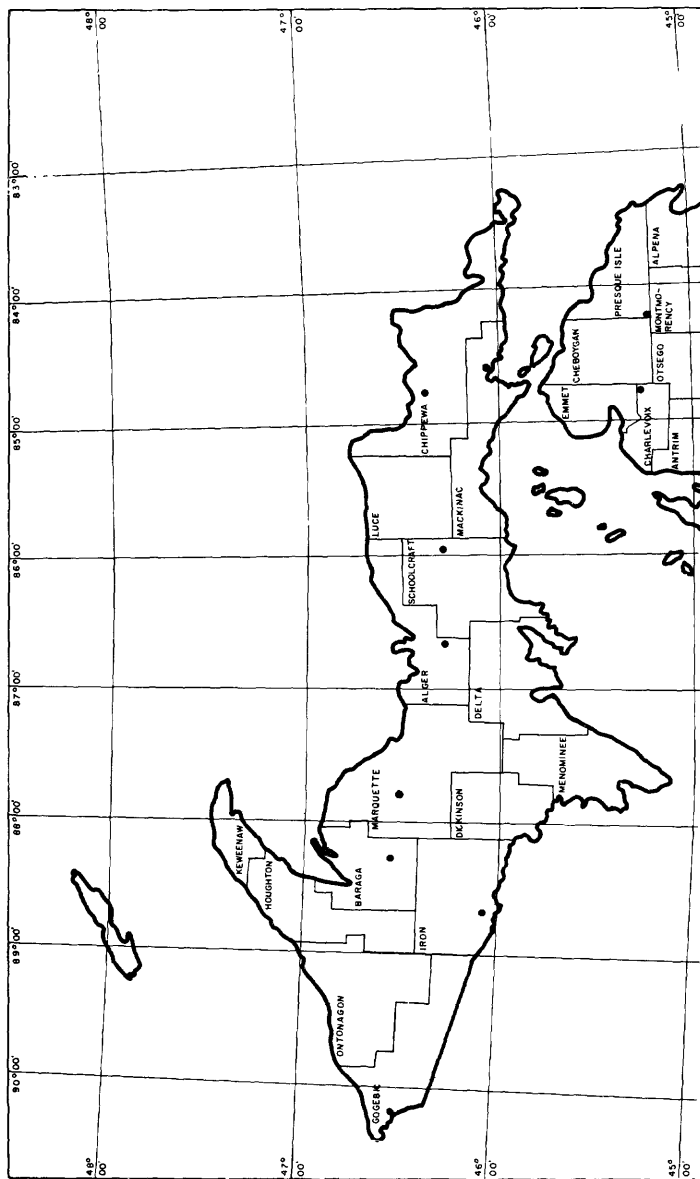
461608N08613738.1. Local number 45N 19W 25-bddb. U.S. Forest Service. Drilled unused artesian well in deposits of Pleistocene age, diam 6 in, depth 66 ft, cased. Lsd about 850 ft above msl. MP top of 3-in extension pipe, 3.60 ft above lsd. Highest water level 6.4 below lsd, June 29, 1960; lowest 14.2 below lsd, Apr. 3, 1964. Records available: 1959-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 19, 1968	11.99	May 9, 1969	10.15	Aug. 27, 1970	12.14	Nov. 9, 1971	10.35
May 2	11.09	July 10	10.09	Dec. 9	10.90	Feb. 16, 1972	11.25
Aug. 1	11.11	Oct. 7	11.21	Feb. 10, 1971	11.69	May 15	10.14
Oct. 22	11.00	Jan. 15, 1970	11.72	May 6	10.10	July 25	12.00
Jan. 30, 1969	11.23	May 21	11.31	Aug. 9	10.16	Nov. 1	11.43

Baraga County

Covington Township

463353N0881443.1. Local number 48N 32W 12-ddcc. State Highway Dept. U.S. Hwy. 41, near Nestoria. Driven observation water-table well in sand and gravel of Pleistocene age, diam 1 1/4 in, depth 10 ft, screened 7-10. Lsd about 1,630 ft above msl. MP top of casing, 0.90 ft above lsd. Highest water level 3.27 below lsd, Apr. 30, 1965; lowest 8.09 below lsd, Sept. 2, 1969. Records available: 1948-72. Measurements made by Wisconsin-Michigan Power Co.



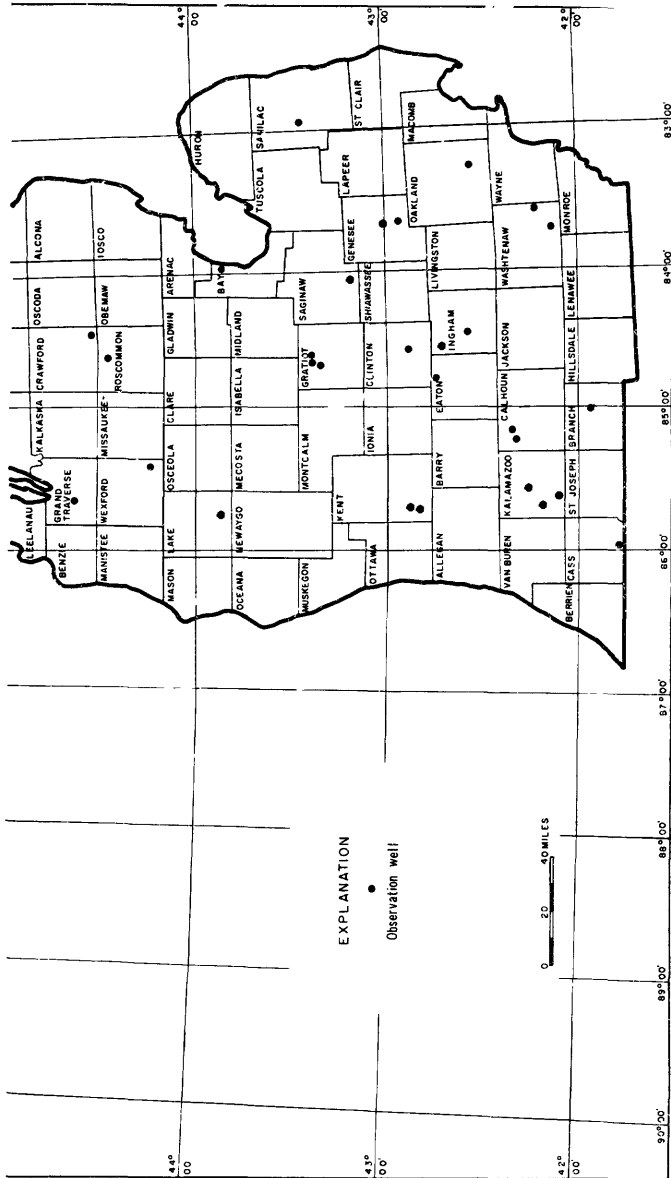


Figure 7.--Location of observation wells in Michigan, 1968-72.

46335320881443.1--Continued.

Date	Water level
Jan. 2, 1968	7.32
31	7.53
Feb. 29	7.64
Apr. 1	6.03
30	6.72
May 31	6.42
July 1	6.88
31	6.70
Sept. 2	6.97
30	7.04
Oct. 31	6.53
Jan. 2, 1969	7.04
31	7.10
Feb. 28	7.44
Apr. 1	7.45

Date	Water level
Apr. 30, 1969	6.18
June 2	7.19
30	7.29
Aug. 1	7.82
Sept. 2	8.09
Oct. 1	7.96
30	7.56
Dec. 2	7.63
31	7.75
Feb. 2, 1970	7.85
Mar. 2	7.82
31	7.74
Apr. 30	6.72
June 1	5.89
30	7.58

Date	Water level
Aug. 31, 1970	7.89
Sept. 29	7.15
Oct. 30	6.39
Nov. 30	6.93
Dec. 30	7.40
Feb. 1, 1971	7.44
Mar. 1	7.23
31	6.88
Apr. 30	6.40
June 1	6.72
July 1	6.55
Aug. 2	7.30
31	7.37
Sept. 30	7.22

Date	Water level
Nov. 1, 1971	7.08
30	6.99
Dec. 30	6.11
January 1972	7.44
Feb. 29	7.57
Mar. 31	7.24
May 1	4.80
21	6.64
June 30	7.03
Aug. 1	6.17
31	6.76
Oct. 3	6.57
31	7.03
Dec. 5	7.17

Bay CountyPineconning Township

435128N0835824.1. Local number 17N 4E 22-dbd. Pineconning Township. Second St. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 6 in, depth 110 ft, cased to 60. Lsd about 620 ft above msl. MP top of recorder base, 2.00 ft above lsd. Highest water level 0.57 below lsd, Mar. 15, 1971; lowest 10.53 below lsd, Aug. 8, 1963. Records available: 1962-72. Water levels affected by regional pumping. Recording gage removed February 1972. Feb. 1, 1972, 1.81; May 28, 1.53; June 19, 2.18; Aug. 1, 2.66; Sept. 5, 2.34; Oct. 25, 1.61.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.10	4.07	3.80	4.62	5.59	5.80	5.85	....	7.66	4.65	2.51	1.45
10	3.52	4.58	3.93	4.81	5.68	6.76	6.15	8.06	6.90	3.61	2.11	1.56
15	3.93	4.87	4.51	5.17	5.64	7.42	6.40	7.38	7.65	3.35	1.90	1.50
20	4.10	4.38	4.44	5.38	5.64	6.32	6.45	9.26	6.95	4.03	1.78	1.35
25	4.46	4.67	4.04	5.51	5.82	6.05	8.40	8.95	6.62	3.84	1.73	1.30
Eom	4.36	4.23	4.62	5.79	5.80	5.82	....	8.61	6.05	2.71	1.73	1.30

1969

5	1.25	....	1.28	1.19	1.55	1.56	1.35	2.50	3.28	2.28	1.27	1.08
10	1.23	1.14	1.30	....	1.28	2.01	1.85	3.90	2.77	1.76	1.23	.99
15	....	1.12	1.35	1.23	1.36	2.95	3.35	4.15	3.44	1.61	1.15	1.06
20	....	1.28	1.22	1.25	1.68	1.42	3.40	3.51	2.32	1.49	1.17	1.10
25	....	1.23	1.17	1.15	1.56	1.42	2.76	4.42	2.10	1.73	1.17	1.14
Eom	....	1.24	1.30	2.22	2.24	1.41	2.35	5.00	2.21	1.39	.98	1.18

1970

5	1.07	1.15	1.29	1.14	1.34	1.66	3.99	....	3.30	2.04	1.40	1.30
10	1.24	1.00	1.26	1.19	1.57	1.84	1.95	3.70	2.94	2.10	1.50	1.40
15	1.15	1.15	1.27	1.20	1.20	1.60	2.01	4.40	2.71	1.95	1.45	1.30
20	1.15	1.16	1.32	1.22	1.34	1.97	2.21	2.83	2.31	1.70	1.30	1.25
25	1.02	1.39	1.09	1.99	1.13	1.99	....	3.45	2.50	1.65	1.60	1.05
Eom	1.06	1.25	1.25	1.32	1.64	2.20	....	3.75	2.30	1.75	1.40	1.25

1971

5	....	1.03	1.10	....	1.35	3.15	3.55	3.38	....	2.85	2.38	2.32
10	1.23	1.15	1.04	1.94	....	2.70	4.10	3.23	3.55	2.45	2.50	2.11
15	1.21	1.15	.85	1.15	1.97	3.62	3.23	4.16	3.25	2.53	2.40	2.05
20	1.20	1.15	.88	1.19	1.64	4.00	2.55	4.46	2.78	2.82	2.26	2.05
25	1.19	1.00	1.24	1.22	1.61	3.13	4.01	3.35	2.80	2.40	2.47	2.12
Eom	1.18	1.12	1.22	1.31	3.50	4.60	2.48	3.15	2.80	2.45	2.30	1.90

1972

5	1.90	....	....	....	....	....	....	....	....	....	....	....
10	e1.80	....	....	....	....	....	....	....	....	....	....	....
15	2.08	....	....	....	....	....	....	....	....	....	....	....
20	2.00	....	....	....	....	....	....	....	....	....	....	....
25	1.98	....	....	....	....	....	....	....	....	....	....	....
Eom	1.84	....	....	....	....	....	....	....	....	....	....	....

e Estimated.

Branch CountyCity of Coldwater

415602N0845937.1. Local number 6S 6W 22-caba. City of Coldwater. Drilled unused (test for PW 4) artesian well in sand and gravel of Pleistocene age, diam 6 in, depth 113 ft, screened 73-113. Lsd about 970 ft above msl. MP top of recorder base, 2.50 ft above lsd. Highest water level 10.0 below lsd, Apr. 3, 1967; lowest 24.1 below lsd, Aug. 7, 1964. Records available: 1964-72. Water levels affected by nearby pumping.

415602N0845937.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.7	11.3	12.2	12.4	13.2	19.7	12.0	13.2	12.8	16.3	16.2	15.5
10	12.5	11.0	12.0	15.0	13.8	18.9	13.4	14.0	15.0	13.6	16.4	14.5
15	15.3	13.4	15.3	12.6	14.8	12.6	14.9	13.5	12.8	15.2	16.9	15.0
20	14.8	14.4	14.8	12.2	15.2	14.0	15.4	13.0	17.2	13.0	16.2	15.9
25	14.9	12.0	14.7	14.5	15.6	15.5	15.0	12.4	17.5	13.1	16.0	12.3
Eom	12.1	18.3	15.0	14.4	14.8	12.5	15.4	15.6	14.8	16.2	15.3	12.2
1969												
5	....	10.8	15.4	15.1	13.8	14.2	14.8	19.9	17.1	20.2	16.6	18.5
10	15.9	11.6	15.3	12.1	14.3	14.6	15.0	15.9	18.5	20.3	18.8	16.9
15	15.2	....	12.1	14.9	11.2	14.9	13.2	15.5	16.1	15.1	18.6	19.0
20	15.0	12.4	15.0	17.4	11.3	17.4	12.5	13.2	16.6	15.0	20.2	....
25	11.4	14.9	16.3	13.7	12.5	15.0	13.1	20.7	14.4	15.8	19.0	....
Eom	11.0	12.4	12.3	11.4	14.7	15.7	15.3	16.2	20.3	19.0	19.1	19.2
1970												
5	16.7	17.9	16.6	12.8	11.5	11.9	15.9	14.0	17.2	17.5	19.5	16.4
10	16.8	17.3	16.3	11.8	11.5	12.8	14.3	13.8	13.6	13.6	16.2	15.9
15	17.6	17.0	14.7	12.6	11.5	13.1	12.8	13.1	15.0	16.7	19.5	19.5
20	17.0	....	13.6	11.5	11.8	12.5	16.1	16.2	14.5	16.3	14.5	14.0
25	17.2	17.7	13.4	11.3	12.4	16.3	14.0	15.0	16.9	16.2	20.4	15.5
Eom	17.0	14.3	13.1	11.3	11.7	12.6	12.7	15.3	17.8	17.2	15.8	16.5
1971												
5	14.7	15.2	15.5	18.2	14.3	13.5	17.4	....	14.7	18.0	18.1	....
10	14.8	17.3	15.8	15.6	16.3	17.7	15.5	....	14.8	17.8	....	15.9
15	18.1	17.0	16.2	17.6	15.6	17.6	14.1	17.6	21.4	18.7	19.4	....
20	16.6	14.8	15.2	15.9	18.9	17.9	....	18.0	21.2	18.8	15.5	....
25	15.1	18.4	12.0	16.0	16.8	20.9	....	18.0	14.8	19.8	17.9	....
Eom	16.4	11.9	16.0	16.8	18.1	20.9	....	21.6	19.0	16.2	19.5	....
1972												
5	....	15.7	....	16.8	16.0	16.9	17.6	....	....	18.3	....	18.3
10	....	....	18.2	16.7	16.0	17.1	17.9	....	....	18.3	....	14.6
15	....	17.0	17.7	16.7	15.8	17.2	....	....	18.4	18.0	18.0	17.9
20	18.8	17.2	17.2	16.1	16.0	17.0	....	....	18.3	....	18.6	17.8
25	....	17.0	17.0	13.5	16.7	17.1	....	....	18.3	....	16.5	15.9
Eom	16.2	17.0	16.8	15.9	16.7	17.4	....	....	18.1	....	18.2	15.8

Calhoun County

Pennfield Township

422422N0850715.1. Local number 1S 7W 10-bbab. Kenneth N. Sabin. Dug stock water-table well in deposits of Pleistocene age, diam 15 in, depth 12 ft, tiled to open bottom. Lsd 907.99 ft above ms1. MP top of 14-in pipe driven into dug well, 1.50 ft above lsd. Highest water level 0.89 below lsd, Mar. 28, 1950; lowest dry, July 29, 1964. Records available: 1946-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	4.32	Oct. 30, 1968	4.35	Aug. 20, 1969	3.90	June 10, 1970	3.54
9	4.26	Nov. 6	4.34	27	3.97	17	3.52
16	4.30	13	4.35	Sept. 3	4.00	24	3.72
23	4.39	20	4.35	10	4.10	July 21	3.85
31	4.42	29	4.34	17	4.19	22	3.90
Feb. 7	3.87	Dec. 1	4.20	24	4.27	Aug. 5	4.10
14	3.75	8	4.08	Oct. 1	4.29	12	4.17
21	3.70	15	3.94	8	4.30	19	4.28
28	3.72	22	4.00	15	4.30	26	4.30
Mar. 6	3.84	29	3.90	22	4.41	Sept. 2	4.28
13	3.84	Jan. 5, 1969	3.86	29	4.47	9	4.34
20	3.86	12	3.82	Nov. 5	4.40	16	4.40
27	3.86	19	3.78	12	4.31	23	4.50
Apr. 3	3.67	26	3.60	19	4.24	30	4.60
10	3.70	Feb. 2	2.83	26	4.19	Oct. 7	4.40
17	3.71	9	3.00	Dec. 3	4.37	14	4.48
24	3.72	16	3.16	10	4.44	21	4.63
May 1	3.80	23	3.18	17	4.48	28	4.65
8	3.87	Mar. 2	3.34	23	4.52	Nov. 4	4.65
15	3.93	9	3.30	Jan. 7, 1970	4.60	11	4.62
22	3.93	16	3.46	14	4.64	18	4.62
29	3.97	23	3.43	21	4.70	25	4.60
June 5	4.00	Apr. 2	3.50	28	4.76	Dec. 2	4.60
12	4.09	7	3.00	Feb. 4	4.74	9	4.54
19	4.14	16	2.92	11	4.70	16	4.51
26	3.76	23	2.94	18	4.63	23	4.49
July 3	3.80	30	2.92	25	4.55	Jan. 6, 1971	4.44
10	3.81	May 1	2.92	Mar. 4	4.50	13	4.42
17	3.83	7	2.95	11	4.37	20	4.43
24	3.92	14	3.04	18	4.21	27	4.44
Aug. 7	3.90	21	3.10	25	4.09	Feb. 3	4.44
14	3.72	June 4	3.04	Apr. 1	4.08	10	4.38
21	3.88	11	3.02	8	3.80	17	4.32
Sept. 4	3.88	18	3.15	15	2.90	24	4.29
11	3.90	25	3.30	22	2.94	3	4.20
18	3.88	July 2	3.50	29	3.00	Mar. 10	4.18
25	3.88	9	3.53	May 6	3.32	17	4.09
Oct. 2	3.92	16	3.56	13	3.74	24	4.07
9	4.10	23	3.60	20	3.60	Apr. 7	4.11
16	4.30	Aug. 6	3.70	27	3.45	14	4.30
23	4.34	13	3.78	June 3	3.50	21	4.42

422422N0850715.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 28, 1971	4.48	Oct. 6, 1971	4.80	Mar. 8, 1972	3.90	Aug. 2, 1972	3.79
May 5	4.47	13	4.74	15	3.59	9	3.82
12	4.43	20	4.70	22	3.43	16	3.78
19	4.43	27	4.72	29	3.41	23	3.84
26	4.38	3	4.84	5	3.39	30	3.91
June 2	4.49	10	5.00	12	3.24	Sept. 6	3.88
9	4.52	17	5.18	19	3.20	13	3.90
16	4.60	24	5.32	26	3.14	20	3.40
23	4.66	Dec. 1	5.04	3	3.16	27	3.30
July 7	4.67	8	4.90	10	3.22	Oct. 4	3.50
14	4.80	15	4.58	17	3.29	11	3.42
21	4.85	22	4.51	24	3.33	18	3.80
28	4.88	Jan. 5, 1972	4.30	31	3.29	25	4.16
Aug. 4	4.90	12	4.02	June 7	3.31	1	4.16
11	4.84	19	3.88	14	3.54	8	4.16
18	4.99	26	3.80	21	3.70	15	4.12
25	5.03	Feb. 2	3.84	28	3.79	22	4.10
Sept. 1	5.10	9	3.92	July 5	3.84	Dec. 6	4.02
8	5.16	16	3.94	12	3.93	13	3.96
15	5.20	23	3.94	19	3.99	20	3.80
22	5.00	Mar. 1	3.96	26	4.04	27	3.63
29	4.79						

422025N0850840.1. Local number 1S 7W 32-dabd. City of Battle Creek. Drilled unused artesian well in Marshall Formation of Mississippian age, diam 8 in, depth 127 ft, cased to 103. Lsd 830.79 ft above msl. MP top of recorder base, 2.10 ft above lsd. Highest water level 0.7 below lsd, Apr. 26-27, 1950; lowest 16.75 below lsd, July 16, 1959. Records available: 1939-72. Water levels affected by nearby pumping. Measurements made by Water Dept.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.35	10.20	10.85	10.55	9.80	11.00	10.35	11.90	11.70	10.70	10.80	8.90
10	10.40	10.00	9.45	10.30	11.45	12.75	12.70	11.00	11.95	11.00	9.45	9.15
15	10.05	9.90	10.50	10.30	11.60	11.50	10.90	11.70	11.30	10.90	9.75	8.00
20	10.15	9.15	10.10	10.10	10.80	12.50	12.00	12.55	11.05	9.55	9.50	8.15
25	10.75	9.15	10.25	10.60	11.05	11.15	11.50	11.75	11.25	10.20	10.15	8.30
Eom	10.20	10.35	9.25	10.30	10.80	11.40	11.85	13.00	11.10	10.20	8.50	7.85
1969												
5	7.35	8.80	9.85	8.35	9.85	8.80	9.50	8.90	10.20	9.00	8.10	6.75
10	7.55	9.05	9.15	8.50	8.87	8.20	8.80	7.60	10.00	9.04	7.50	6.80
15	8.90	8.20	8.95	8.30	8.80	7.53	11.00	9.15	9.70	7.50	7.05	6.85
20	9.10	9.00	9.10	8.40	9.00	8.30	9.05	9.63	9.00	7.60	7.20	6.80
25	7.60	10.20	9.10	9.08	7.90	9.30	9.60	11.10	8.00	8.00	8.10	6.10
Eom	9.47	9.60	8.60	8.95	7.95	8.90	8.50	9.30	8.20	7.85	6.90	6.70
1970												
5	7.30	....	7.00	6.00	7.60	7.00	8.60	8.60	8.40	8.00	7.00	5.70
10	6.50	....	7.90	6.50	7.20	8.50	8.90	9.30	9.40	8.75	6.55	5.90
15	7.00	7.50	6.25	5.80	7.00	8.30	8.65	9.50	8.80	8.50	6.40	5.55
20	7.30	6.00	7.60	6.20	7.30	8.40	7.95	9.10	7.55	6.85	6.00	5.50
25	6.40	7.00	6.55	6.30	7.60	9.20	8.80	8.70	8.00	6.70	5.95	6.40
Eom	....	7.00	6.65	6.75	6.10	9.95	8.50	8.70	8.35	7.40	6.00	5.50
1971												
5	5.75	6.40	4.95	5.30	6.25	8.70	9.40	8.85	8.30	7.50	7.00	6.30
10	5.60	5.55	5.00	4.90	7.40	7.55	10.20	9.50	9.80	7.80	7.15	6.80
15	6.70	5.35	4.80	5.20	6.60	8.50	10.00	8.10	8.50	8.20	6.95	6.05
20	5.70	5.10	4.70	5.25	7.60	8.35	8.60	9.30	8.15	7.70	6.50	6.10
25	6.05	5.30	5.80	5.20	8.70	10.50	8.45	9.75	7.65	7.10	6.70	6.00
Eom	5.50	4.90	4.85	6.25	6.50	11.30	8.50	9.80	8.80	7.80	6.50	5.90
1972												
5	5.75	6.45	5.90	6.10	6.75	7.70	....	8.05	9.90	8.25	7.65	6.25
10	5.65	7.30	7.10	6.70	6.25	7.50	....	8.50	8.00	8.00	6.90	6.30
15	5.40	6.60	5.75	5.70	5.65	8.80	....	8.80	8.25	8.00	....	7.30
20	5.75	6.70	5.90	5.60	6.55	7.95	....	7.55	8.00	7.95	7.75	7.00
25	7.15	6.20	5.40	5.90	9.15	7.80	....	10.15	8.40	7.80	6.50	7.00
Eom	5.85	6.30	6.20	5.50	7.25	8.70	....	9.80	8.25	7.60	6.95	6.80

Cass County

Mason Township

414651N0855756.1. Local number 8S 14W 17-baaa. Ted Little. Dug unused water-table well in deposits of Pleistocene age, diam 28 in, depth 55 ft, cribbed with brick to open bottom. Lsd about 840 ft above msl. MP top of wooden well cover, 0.80 ft above lsd. Highest water level 46.20 below lsd, July 16, 1950; lowest dry, Mar. 10, 1947; Nov. 1, 1964, to Mar. 7, 1965. Records available: 1945-72.

414651N0855756.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1968	50.30	June 2, 1968	48.97	Aug. 25, 1969	48.10	May 25, 1971	49.68
14	49.97	9	49.02	Sept. 24	48.40	July 23	50.10
21	50.09	16	49.09	Oct. 25	48.68	July 25	50.15
28	50.05	23	49.12	Nov. 24	48.90	Aug. 24	50.18
Feb. 4	50.07	30	49.00	Dec. 23	49.15	Sept. 24	50.65
11	49.82	July 7	48.86	Jan. 24, 1970	49.18	Oct. 25	50.90
18	49.68	14	48.76	Feb. 23	49.16	Nov. 24	51.10
25	49.55	21	48.75	Mar. 24	49.40	Dec. 22	51.10
Mar. 3	49.80	Aug. 25	48.55	Apr. 25	49.30	Jan. 22, 1972	51.45
10	49.25	Sept. 22	49.00	May 25	49.50	Feb. 23	51.80
17	49.26	Oct. 23	49.15	June 24	49.65	Mar. 24	52.15
24	49.21	Nov. 24	49.50	July 25	49.20	Apr. 24	52.01
31	49.06	Dec. 24	49.85	Aug. 24	48.80	May 22	51.90
Apr. 7	49.12	Jan. 24, 1969	50.00	Sept. 23	49.16	June 25	51.30
14	48.90	Feb. 24	49.85	Oct. 24	49.70	July 25	51.20
21	49.00	Mar. 24	50.10	Nov. 24	49.88	Aug. 22	51.30
24	49.02	Apr. 24	48.95	Dec. 23	50.04	Sept. 22	51.55
May 5	49.00	May 26	48.45	Jan. 24, 1971	50.10	Oct. 24	51.60
12	48.95	June 24	48.20	Mar. 22	50.10	Nov. 24	51.84
19	48.90	July 24	47.70	Apr. 25	49.71	Dec. 26	51.81
25	49.00						

Charlevoix CountyChandler Township

451700N0844544.1. Local number 33N 4W 2-accb. State Dept. of Natural Resources. Drilled unused artesian well in deposits of Pleistocene age, diam 6 in, depth 94 ft, cased. Lsd about 970 ft above msl. MP metal strip in concrete block, 1.50 ft above lsd. Highest water level 69.49 below lsd, July 14, 1960; lowest 75.85 below lsd, Apr. 16, 1956. Records available: 1948-71. Measurement discontinued.

Apr. 22, 1968	72.85	Oct. 16, 1969	70.09	Dec. 7, 1970	72.96	October 1971	(a)
Dec. 15	73.90	Dec. 10	72.36	Apr. 21, 1971	73.32	December	(a)
Apr. 15, 1969	73.85	Apr. 15, 1970	73.06	July	(a)		

a Well being pumped.

Chippewa CountySuperior Township

462158N0844422.1. Local number 46N 4W 24-dada. U.S. Forest Service. Drilled unused artesian well in deposits of Pleistocene age, diam 6 in, depth 54 ft, cased. Lsd about 850 ft above msl. MP top of casing, 0.31 ft above lsd. Highest water level 18.40 below lsd, June 7, 1971; lowest 28.43 below lsd, Apr. 14, 1964. Records available: 1952-65, 1969-72. Measurement discontinued Apr. 20, 1965, resumed Nov. 10, 1969.

Lowest water level for the day, from recorder graph, 1969											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.95
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.94
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1970											
5	.....	.....	.....	.....	.....	22.10	21.18	21.78	22.28	21.27	21.15
10	.....	.....	23.43	.....	.....	21.63	21.26	21.85	22.34	21.18	21.11
15	.....	.....	.....	.....	.....	21.28	21.39	21.93	22.36	21.19	21.18
20	22.63	.....	.....	23.59	22.52	21.11	21.54	22.01	22.40	21.23	21.16
25	.....	.....	.....	.....	22.44	21.09	21.59	22.09	22.00	21.25	21.27
Eom	.....	.....	23.77	.....	22.41	21.13	21.68	22.21	21.51	21.33	21.19
1971											
5	21.01	.....	22.11	22.41	18.96	18.51	18.94	19.64	20.27	20.65	20.98
10	21.07	.....	22.18	22.47	18.80	18.54	19.12	19.70	20.35	20.68	20.78
15	21.25	.....	22.21	22.15	18.76	18.56	19.16	19.85	20.47	20.80	20.79
20	21.29	.....	22.21	21.45	18.76	18.61	19.29	19.92	20.56	20.87	20.75
25	21.36	.....	22.31	20.03	18.77	18.77	19.36	20.03	20.62	20.89	20.96
Eom	21.46	22.05	22.36	19.34	18.52	18.86	19.49	20.17	20.67	20.96	21.03
1972											
5	21.27	.....	22.08	22.59	20.00	18.91	19.50	20.18	20.81	21.40	21.85
10	21.26	.....	22.18	22.66	19.13	19.03	19.63	20.30	20.93	21.48	21.90
15	.....	.....	22.23	22.74	18.78	19.05	19.74	20.42	21.02	21.55	21.88
20	.....	.....	22.35	22.72	18.72	19.14	19.83	20.49	21.14	21.63	21.89
25	.....	21.79	.....	22.14	18.77	19.26	19.95	20.60	21.24	21.68	21.91
Eom	.....	22.00	22.53	21.54	18.79	19.36	20.07	20.71	21.31	21.79	.....

Clinton CountyOlive Township

425410N0843235.1. Local number 6N 2W 16-ddad. State Highway Dept. Drilled unused water-table well in gravel of Pleistocene age, diam 14 in, depth 23 ft, open bottom. Lsd 803.32 ft above msl. MP top of recorder base, 1.30 ft above lsd. Highest water level 14.59 below lsd, Apr. 19, 1952; lowest 19.93 below lsd, Feb. 27, Mar. 27, 1964. Records available: 1948-72. Federal key well.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	17.24	Feb. 24, 1969	17.64	June 25, 1970	17.15	Oct. 22, 1971	18.34
Feb. 27	17.10	Mar. 25	17.66	July 22	17.50	Nov. 22	18.55
Mar. 27	17.29	Apr. 25	16.35	Aug. 21	17.90	Dec. 22	18.44
Apr. 22	16.50	May 26	16.01	Sept. 22	18.06	Jan. 21, 1972	17.82
26	16.37	June 20	16.13	Oct. 23	18.12	Feb. 22	17.90
May 20	16.75	July 25	15.96	Nov. 24	17.69	Mar. 23	17.37
28	16.62	Aug. 25	16.63	Dec. 22	17.15	Apr. 21	16.39
June 20	16.81	Sept. 25	17.18	Jan. 22, 1971	17.16	May 22	16.35
28	16.26	Oct. 24	17.63	Feb. 22	16.96	June 22	17.00
July 26	16.56	Nov. 24	17.86	Mar. 23	16.21	July 20	17.30
Aug. 26	17.12	Dec. 23	17.88	Apr. 22	16.15	Aug. 18	17.32
Sept. 26	17.46	Jan. 22, 1970	18.16	May 21	16.80	Sept. 19	17.30
Oct. 28	17.64	Feb. 20	18.34	June 22	17.26	Oct. 19	17.50
Nov. 25	17.99	Mar. 23	18.18	July 22	17.67	Nov. 20	16.46
Dec. 26	17.94	Apr. 23	17.53	Aug. 23	18.11	Dec. 21	15.82
Jan. 24, 1969	17.72	May 25	16.96	Sept. 23	18.22		

Crawford CountySouth Branch Township

443308N0842420.1. Local number 25N 1W 15-ddad. U.S. Forest Service. Formerly State Dept. of Natural Resources. Huron National Forest. Drilled unused artesian well in deposits of Pleistocene age, diam 6 in, depth 56 ft, cased. Lsd about 1,190 ft above msl. MP top of recorder base, 2.95 ft above lsd (since July 31, 1967). Highest water level 26.85 below lsd, May 25, 1971; lowest 35.97 below lsd, Apr. 4-6, 1951. Records available: 1948-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.86	30.92	30.91	30.81	30.83	30.85	30.89	30.61	30.49	30.72	30.92	31.06
10	30.89	30.81	30.96	30.79	30.83	30.85	30.88	30.55	30.49	30.73	30.94	31.14
15	30.86	30.84	30.93	30.76	30.79	30.89	30.81	30.52	30.56	30.77	30.96	31.17
20	30.88	30.85	30.84	30.79	30.81	30.89	30.77	30.47	30.59	30.79	31.00	31.10
25	30.91	30.91	30.78	30.75	30.89	30.86	30.71	30.48	30.60	30.83	31.04	.....
Eom	30.94	30.88	30.76	30.77	30.83	30.87	30.64	30.48	30.66	30.90	31.07	31.19
1969												
5	31.24	.....	31.38	31.45	30.72	29.70	29.31	29.05	28.96	29.34	29.60	29.85
10	31.26	e31.34	31.39	31.43	30.47	29.62	29.24	29.01	29.01	29.35	29.63	29.86
15	31.29	.....	31.42	31.46	30.33	29.54	29.24	28.98	29.04	29.43	29.66	29.91
20	31.29	31.37	31.43	31.33	30.13	29.46	29.20	28.98	29.15	29.45	29.74	29.90
25	e31.27	31.35	31.39	31.13	29.96	29.38	29.12	28.94	e29.21	29.51	29.75	e29.95
Eom	e31.30	31.37	31.49	30.93	29.82	29.33	29.08	28.95	29.25	29.57	29.77	e29.96
1970												
5	29.99	30.17	30.34	30.56	30.56	29.99	29.52	29.08	29.21	29.52	29.62	.....
10	30.02	30.14	30.37	30.61	30.45	29.90	29.40	29.07	29.30	29.57	29.60	.....
15	30.04	30.22	30.42	30.65	30.43	29.84	29.28	29.07	29.33	29.61	29.53	e29.36
20	30.07	30.27	30.40	30.58	30.33	e29.77	29.22	29.08	29.36	29.63	29.52	.....
25	30.04	30.29	30.47	30.62	30.25	29.76	29.16	29.10	29.45	29.65	29.52	.....
Eom	30.09	30.34	30.53	30.62	30.03	29.65	29.08	29.20	29.49	29.68	e29.40	e29.25
1971												
5	.....	29.13	29.32	29.57	27.48	26.97	27.15	27.47	27.73	28.06	28.47	28.83
10	e29.18	29.16	29.38	29.57	27.26	27.03	27.24	27.44	27.77	28.12	28.52	28.86
15	.....	29.24	29.34	29.44	27.09	27.03	27.23	27.56	27.85	28.20	28.60	28.89
20	.....	29.24	29.44	e29.10	26.99	27.07	27.32	27.56	27.88	28.28	28.59	28.93
25	29.12	29.25	29.51	28.44	26.91	27.10	27.34	27.62	27.97	28.32	28.71	.....
Eom	29.15	29.34	29.49	27.92	26.96	27.14	27.40	27.70	28.02	28.41	28.79	e29.10
1972												
5	.....	29.14	.....	29.45	29.12	28.13	28.05	28.37	28.63	28.93	29.18	.....
10	.....	29.17	.....	29.50	28.92	28.05	28.08	28.43	28.70	29.01	29.22	.....
15	.....	29.16	.....	29.52	28.67	27.98	28.11	28.48	28.72	29.03	29.25	.....
20	.....	29.22	.....	29.52	28.52	27.94	28.19	28.51	28.80	29.08	29.29	29.37
25	29.14	.....	29.39	29.45	28.36	27.94	28.24	28.53	28.82	e29.09	29.27	.....
Eom	29.07	.....	29.42	29.30	28.20	27.95	28.30	28.59	28.87	29.16	.....	.....

e Estimated.

Eaton CountyCity of Grand Ledge

424524N0844525.1. Local number 4N 4W 2-cdc. Layne-Northern Co., Inc. Perry and Jefferson Sts., Grand Ledge. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 12 in, depth 376 ft, cased to 22. Lsd 846.59 ft above msl. MP top of recorder base, 1.00 ft above lsd. Highest water level 18.38 below lsd, Sept. 25, 1972; lowest 30.10 below lsd, Aug. 5, 1964. Records available: 1948-72. Water levels affected by regional pumping.

424524N0844525.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	e22.95	e21.97	e22.05	.....	22.30	21.89	20.44	20.04	20.64	21.29	22.00	22.35
10	e22.88	e21.70	e22.15	.....	22.26	21.90	20.26	20.08	20.75	21.46	22.18	22.64
15	e22.81	e21.72	e22.19	.....	22.04	22.00	20.12	20.19	20.80	21.52	22.25	22.76
20	e22.79	e21.62	e22.23	.....	22.10	22.06	20.12	20.26	20.96	21.67	22.41	22.84
25	e22.75	e21.86	e22.30	.....	22.28	21.60	20.00	20.46	20.95	21.73	22.49	.....
Eom	e22.72	e21.77	.....	22.13	21.91	20.87	19.86	20.50	21.17	22.00	22.57	e22.75
1969												
5	22.65	21.75	22.21	22.81	22.24	20.63	20.10	20.31	21.09	21.93	22.43	23.12
10	22.81	21.85	22.32	22.70	21.98	20.45	19.99	20.35	21.33	21.86	22.50	23.11
15	22.90	22.00	22.50	22.56	21.60	20.26	20.20	20.52	21.38	22.06	22.66	23.35
20	22.77	22.10	22.50	22.66	21.32	20.26	20.10	20.60	21.58	21.98	22.83	23.38
25	22.30	22.06	22.56	22.43	21.05	20.07	20.02	20.84	21.62	22.17	22.80	23.56
Eom	21.85	22.11	22.87	22.41	20.81	20.16	20.24	21.03	21.70	22.26	22.84	23.88
1970												
5	24.05	25.00	25.10	25.15	23.80	22.90	22.80	22.70	23.20	23.05	22.57	22.77
10	24.25	24.75	24.85	24.70	23.50	22.90	22.75	22.80	23.40	23.19	22.64	22.78
15	24.30	24.90	25.05	24.50	23.35	22.80	22.65	22.95	23.25	23.05	22.55	22.71
20	24.60	25.20	25.10	24.05	23.25	22.75	22.70	22.95	22.92	22.80	22.50	22.71
25	24.45	25.20	25.20	23.90	23.05	22.75	22.60	23.00	23.01	22.72	22.66	22.56
Eom	24.70	25.30	25.25	23.80	23.00	22.70	22.60	23.22	22.98	22.75	22.70	22.61
1971												
5	22.75	.....	21.81	20.77	20.43	20.92	21.30	21.85	22.45	22.76	23.24	23.97
10	22.67	.....	21.68	20.81	20.70	21.10	21.42	21.75	22.41	22.79	23.25	23.70
15	22.90	e23.24	21.28	20.48	20.70	21.00	21.42	22.06	22.67	22.98	23.68	23.63
20	22.92	.....	21.00	20.40	20.80	21.01	21.65	22.04	22.76	23.10	23.30	23.40
25	22.87	22.34	20.85	20.47	20.70	21.14	21.63	22.15	22.75	22.98	23.88	23.75
Eom	e23.10	22.07	20.55	20.60	20.85	21.22	21.70	22.36	22.74	23.17	24.20	23.70
1972												
5	23.26	23.58	23.63	22.07	18.95	18.98	19.55	19.72	18.56	19.30	19.73	19.47
10	23.18	23.68	23.56	21.95	18.83	19.23	19.62	19.92	18.87	19.66	19.51	19.65
15	23.72	23.50	23.00	21.75	18.48	19.05	19.42	20.03	18.78	19.73	19.60	19.48
20	23.43	23.86	22.42	20.21	18.57	18.81	19.29	19.91	18.92	19.94	19.54	19.32
25	23.75	23.58	22.21	19.39	18.75	19.08	19.38	.....	18.38	19.64	19.35	19.35
Eom	23.28	23.68	22.17	18.97	18.69	19.21	19.54	18.53	19.00	19.80	19.57	18.81
e Estimated.												

e Estimated.

Genesee CountyBurton Township

425737N0834014.1. Local number 7N 7E 32-cccc. Arthur W. Arndt. South Saginaw St. and Maple Rd. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in, depth 140 ft, cased. Lsd 792.27 ft above msl. MP top of pipe, 1.45 ft above lsd. Highest water level 18.51 below lsd, June 2, 1947; lowest 48.03 below lsd, Oct. 27, 1969. Records available: 1946-69. Water levels affected by nearby pumping. Well covered; measurement discontinued January 1970.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 31, 1968	43.04	July 16, 1968	41.91	Jan. 30, 1969	42.88	July 25, 1969	43.67
Apr. 30	41.97	Oct. 28	43.09	Apr. 25	42.59	Oct. 27	48.03

Grand Blanc Township

425552N0833818.1. Local number 6N 7E 9-dddd. Fisher Body Div., General Motors Corp. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 6 in, depth 235 ft, cased to about 150. Lsd 841.71 ft above msl. MP top of recorder base, 3.00 ft above lsd. Highest water level 37.79 below lsd, Nov. 24, 1952; lowest 81.2 below lsd, Aug. 10, 1971. Records available: 1952-72. Water levels affected by nearby pumping. Measurements made by Plant Water Dept.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	50.2	48.9	48.1	50.2	50.3	53.8	53.3	64.9	62.8	57.7	58.7	55.6
10	50.1	48.7	47.8	49.8	51.5	57.9	59.0	64.7	61.8	58.8	56.9	55.5
15	48.8	49.1	48.9	49.6	52.5	55.4	62.3	65.8	59.1	60.3	59.1	54.8
20	49.9	48.5	49.2	50.3	51.9	54.2	65.1	....	60.8	58.8	58.9	57.5
25	49.5	48.1	48.9	50.2	51.9	54.5	68.0	....	59.9	59.5	57.5	55.4
Eom	49.8	48.0	50.0	49.6	51.3	53.8	65.0	63.9	59.0	59.0	55.2	54.0
1969												
5	54.6	58.8	58.1	58.7	53.0	58.0	65.4	62.7	77.2	66.1	63.5	63.2
10	57.1	57.3	59.0	56.9	57.2	58.9	67.7	63.4	73.8	65.4	62.7	62.6
15	57.1	58.4	58.5	55.7	58.8	59.6	67.0	71.8	77.3	64.2	62.5	64.3
20	58.2	58.4	58.7	53.7	55.8	e60.2	66.3	69.4	72.5	63.2	62.2	62.4
25	59.8	58.4	58.7	54.0	55.9	61.5	66.5	73.2	68.7	64.6	62.9	61.1
Eom	59.8	58.5	58.5	52.5	58.1	67.0	65.3	75.9	68.4	63.8	62.6	59.9
1970												
5	59.5	57.7	56.6	58.7	65.1	64.3	68.3	72.9	70.2	61.7	63.0	63.9
10	60.5	57.7	58.0	58.5	66.7	69.9	68.8	75.9	69.8	63.2	63.3	64.8
15	60.8	58.5	59.0	62.0	64.8	70.6	67.0	79.0	69.2	64.2	63.4	64.3
20	59.7	59.3	59.3	63.2	65.5	70.2	67.5	79.0	66.8	65.0	61.8	64.2
25	59.0	56.0	59.0	64.7	65.6	70.0	67.7	74.0	63.5	62.0	63.6	62.8
Eom	58.5	56.4	58.1	65.9	59.9	69.5	70.0	71.7	63.8	61.2	63.8	63.5

425552N0833818.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	63.5	64.4	62.4	60.7	59.9	68.6	73.4	77.0	75.5	72.7	69.9	69.3
10	63.9	63.6	63.9	60.7	62.3	63.4	72.6	81.2	76.3	72.3	69.9	68.8
15	63.4	61.5	62.8	60.8	61.5	62.7	74.3	79.2	73.8	71.7	69.8	68.6
20	64.9	62.5	60.8	60.8	67.7	65.2	70.8	80.9	74.4	71.8	69.6	68.4
25	64.3	62.9	61.0	60.2	68.6	66.6	71.6	79.0	73.8	71.2	69.7	68.4
Eom	60.6	62.5	61.0	60.3	68.1	75.6	70.5	76.0	72.8	70.7	69.5	67.2
1972												
5	66.6	61.6	62.5	63.2	64.2	64.8	64.8	65.8	62.3	60.8	58.0	56.7
10	67.0	62.2	65.3	63.2	63.7	67.0	64.2	65.4	63.5	60.5	57.0	57.9
15	63.9	63.1	63.3	61.3	64.4	68.0	63.3	64.3	63.2	60.1	56.0	57.1
20	63.6	65.4	62.0	62.2	65.3	68.4	63.1	65.0	62.5	58.6	55.0	....
25	63.0	63.8	64.4	62.4	66.4	66.3	64.4	64.3	61.9	56.7	57.7	....
Eom	61.9	63.7	62.2	63.1	64.6	64.2	65.8	63.2	60.4	56.7	55.8	....
e Estimated.												

e Estimated.

Gogebic County

Ironwood Township

463029N0901334.1. Local number 48N 47W 31-dede. City of Ironwood. Big Springs well field. Drilled unused Artesian well in sand and gravel of Pleistocene age, diam 1 1/2 in, depth 115 ft, screened 112-115. Lsd 1,170 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 12.6 below lsd, June 2, 1966; lowest 41.5 below lsd, Aug. 12, 1970. Records available: 1963-72. Water levels affected by nearby pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.4	....	23.4	19.4	16.8	16.6	17.6	17.8	19.1	....	18.5	22.1
10	18.7	20.8	23.7	19.8	16.8	....	17.4	17.8	19.8	19.3	18.9	22.3
15	18.8	20.8	23.7	....	17.0	17.4	....	19.6	....	19.6	19.1	22.3
20	....	21.2	20.2	....	16.2	17.6	17.5	18.4	....	19.3	20.3	22.1
25	....	22.1	21.6	17.2	16.3	17.6	18.5	18.7	....	19.7	21.4	22.2
Eom	....	22.7	19.7	16.5	15.8	17.0	18.2	19.1	....	19.2	21.8	22.2
1969												
5	22.2	22.1	22.5	22.8	17.9	19.5	21.9	23.4	23.7	23.2	26.8	29.0
10	22.4	22.0	22.7	20.2	18.1	19.7	22.2	21.4	23.6	23.9	28.2	30.5
15	22.5	22.1	22.8	17.6	18.4	20.0	22.4	24.0	22.6	23.1	27.0	29.7
20	22.5	22.1	22.8	17.4	18.8	20.5	23.1	23.8	23.5	22.2	27.8	29.7
25	22.4	22.0	22.9	17.5	19.0	20.7	23.2	23.6	23.4	23.5	28.9	29.8
Eom	22.2	22.0	23.0	17.7	19.2	21.3	23.6	23.0	23.3	25.0	28.1	29.7
1970												
5	29.7	30.4	35.0	36.8	....	33.6	39.7	....	37.7	....	....	37.9
10	30.5	31.1	35.9	35.3	36.3	36.9	....	37.6	38.2	....	37.4	37.9
15	29.9	31.2	34.6	36.0	37.0	34.5	....	....	38.6	38.0	37.7	34.6
20	29.8	31.5	36.7	34.4	35.0	38.4	....	....	38.4	....	36.5	34.2
25	30.0	32.8	37.1	....	36.5	36.5	....	....	....	....	38.5	34.7
Eom	30.3	33.9	36.7	....	33.3	36.1	....	....	....	....	38.2	34.6
1971												
5	....	34.8	21.6	18.1	15.2	16.4	....	21.5	....	....	20.6	20.8
10	....	....	28.0	17.1	....	16.7	....	....	....	20.3	20.8	20.6
15	....	32.0	21.1	14.6	....	17.0	....	....	20.4	20.8	20.9	20.8
20	32.7	....	21.1	14.1	....	17.5	....	....	20.8	20.7	20.6	20.9
25	....	34.6	20.1	14.6	....	17.4	....	....	20.5	20.8	20.7	21.0
Eom	....	34.8	18.7	14.9	....	....	20.7	....	20.6	21.0	20.7	21.2
1972												
5	21.4	22.9	26.4	26.5	15.2	....	....	20.6	16.8	18.2	19.2	20.3
10	21.4	23.6	25.2	26.6	15.3	....	19.9	20.8	17.3	18.5	19.2	20.6
15	21.6	24.2	26.3	26.1	15.6	....	20.4	21.1	17.6	18.6	19.1	21.3
20	22.0	24.2	26.9	20.7	....	....	20.6	18.0	17.8	19.1	19.0	21.6
25	22.4	24.9	26.8	16.8	....	....	20.4	17.4	17.7	19.0	19.6	21.8
Eom	22.5	25.4	26.5	....	16.2	....	20.5	17.3	17.9	19.2	19.8	22.1

Grand Traverse County

Blair Township

443712N0853750.1. Local number 26N 11W 27-cbad. State Dept. of Conservation. Formerly State Dept. of Natural Resources. Jetted observation water-table well in deposits of Pleistocene age, diam 2 in, depth 14 ft, open bottom. Lsd 914.25 ft above msl. MP top of pipe, 0.40 ft above lsd. Highest water level 1.12 below lsd, Apr. 17, 1962; lowest 4.02 below lsd, Aug. 18, 1936. Records available: 1935-37, 1941-44, 1948-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 12, 1968	2.08	July 17, 1969	1.45	Oct. 13, 1970	2.10	Dec. 9, 1971	2.25
July 12	2.17	Oct. 9	2.23	Dec. 2	2.06	Apr. 10, 1972	2.05
Oct. 7	2.68	Dec. 4	1.89	Apr. 20, 1971	1.23	July 24	1.85
Dec. 3	2.68	Apr. 9, 1970	2.10	July 9	1.73	Oct. 17	2.41
Apr. 14, 1969	1.93	July 15	2.12	Oct. 14	2.45	Dec. 21	2.21

Gratiot County

City of Alma

432325N0843909.1. Local number 11N 3W 3-bbdb. E. H. Waber. 219 Prospect Ave., Alma. Drilled unused artesian well in deposits of Pleistocene age, diam 2 in, depth 49 ft, cased. Lsd 733.30 ft above msl. MP top of 2-in coupling, 1.10 ft above lsd. Highest water level 0.92 above lsd, July 25, 1969; lowest 36.26 below lsd, Oct. 30, 1964. Records available: 1946-72. Water levels affected by regional pumping. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	-6.46	Feb. 24, 1969	-2.20	Mar. 23, 1970	-4.73	May 21, 1971	-3.27
Feb. 27	5.57	Mar. 25	1.22	Apr. 23	3.73	June 22	9.84
Mar. 27	4.68	Apr. 25	.63	May 25	7.12	July 22	10.48
Apr. 26	4.43	May 26	5.83	July 22	3.25	Sept. 23	16.82
May 28	4.12	June 26	-13.11	Aug. 21	6.99	Oct. 22	9.54
June 28	10.82	July 25	+9.2	Sept. 22	10.60	Nov. 22	6.18
July 29	15.31	Aug. 25	-7.8	Oct. 23	10.57	Dec. 22	5.07
Aug. 28	18.85	Sept. 25	16.60	Nov. 24	9.12	Jan. 21, 1972	3.82
Sept. 26	18.09	Oct. 24	15.33	Dec. 22	7.67	Feb. 22	2.86
Oct. 28	6.21	Nov. 24	11.00	Jan. 22, 1971	5.86	Mar. 23	7.65
Nov. 25	6.23	Dec. 23	8.02	Feb. 22	4.46	Apr. 21	13.82
Dec. 26	5.12	Jan. 22, 1970	5.91	Mar. 23	2.99	May 22	13.94
Jan. 24, 1969	3.60	Feb. 20	4.64	Apr. 22	2.84		

432319N0843847.1. Local number 12N 3W 35-bbcb. Reed Excavating Co. Bridge Ave. and Washington St., Alma. Dug unused water-table well in deposits of Pleistocene age, diam 36 in, depth 20 ft, open bottom. Lsd 738.78 ft above msl. MP top of wooden pumpbase, 0.20 ft above lsd. Highest water level 12.66 below lsd, Apr. 27, 1967; lowest 17.92 below lsd, Feb. 27, 1963. Records available: 1950-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	16.22	Apr. 25, 1969	14.87	July 22, 1970	16.60	Oct. 22, 1971	17.30
Feb. 27	15.96	May 26	14.83	Aug. 21	16.83	Nov. 22	17.29
Mar. 27	15.94	June 26	15.49	Sept. 22	15.95	Dec. 22	16.04
Apr. 26	15.95	July 25	16.09	Oct. 23	15.19	Jan. 21, 1972	16.52
May 28	15.91	Aug. 25	16.81	Nov. 24	15.06	Feb. 22	16.64
June 28	15.62	Sept. 25	17.21	Dec. 22	15.19	Mar. 23	14.79
July 29	16.44	Oct. 24	16.84	Jan. 22, 1971	15.88	Apr. 21	14.82
Aug. 28	16.94	Nov. 24	16.75	Feb. 22	15.30	May 22	15.54
Sept. 26	17.00	Dec. 23	17.05	Mar. 23	14.45	June 22	16.24
Oct. 28	16.92	Jan. 22, 1970	17.20	Apr. 22	14.46	July 20	16.46
Nov. 25	16.70	Feb. 20	17.21	May 21	15.58	Aug. 18	16.74
Dec. 26	16.53	Mar. 23	16.48	June 22	16.21	Sept. 19	16.37
Jan. 24, 1969	16.50	Apr. 23	15.49	July 22	16.87	Oct. 19	16.79
Feb. 24	16.20	May 25	15.97	Aug. 23	17.29	Nov. 20	15.91
Mar. 25	15.65	June 25	16.27	Sept. 23	17.35	Dec. 21	16.25

Bethany Township

432608N0843554.1. Local number 12N 2W 18-baab. Michigan Chemical Co. Riverside Dr. Drilled unused artesian well in Marshall Formation of Mississippian age, diam 5 in, depth 1,261 ft, cased to 1,096. Lsd about 720 ft above msl. MP top of platem, 0.30 ft above lsd. Highest water level 101.45 below lsd, Dec. 21, 1972; lowest 267.6 below lsd, Aug. 30, 1957. Records available: 1957-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	130.88	Apr. 25, 1969	121.68	July 22, 1970	114.37	Oct. 22, 1971	107.43
Feb. 27	130.36	May 26	121.39	Aug. 21	113.88	Nov. 22	107.15
Mar. 27	129.95	June 26	120.53	Sept. 22	112.99	Dec. 22	106.67
Apr. 26	129.30	July 25	120.06	Oct. 23	112.63	Jan. 21, 1972	105.88
May 28	128.41	Aug. 25	119.76	Nov. 24	111.94	Feb. 22	105.72
June 28	127.72	Sept. 25	119.19	Dec. 22	111.27	Mar. 23	104.69
July 29	127.44	Oct. 24	118.74	Jan. 22, 1971	110.88	Apr. 21	104.55
Aug. 28	127.02	Nov. 24	118.21	Feb. 22	110.52	May 22	104.18
Sept. 26	126.23	Dec. 23	117.61	Mar. 23	110.26	June 22	103.77
Oct. 28	125.36	Jan. 22, 1970	117.28	Apr. 22	109.90	July 20	103.60
Nov. 25	125.06	Feb. 20	117.04	May 21	109.74	Aug. 18	103.02
Dec. 26	124.46	Mar. 23	116.23	June 22	109.25	Sept. 19	102.90
Jan. 24, 1969	123.67	Apr. 23	115.81	July 22	108.87	Oct. 19	102.68
Feb. 24	123.17	May 25	115.12	Aug. 23	108.47	Nov. 20	102.03
Mar. 25	122.08	June 25	114.81	Sept. 23	107.93	Dec. 21	101.45

Ingham County

City of Lansing

424502N0843313.1. Local number 4N 2W 9-bdad. City of Lansing. North Grand River Ave. and Josephine St., Lansing. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 14 in, depth 395 ft, cased to 49. Lsd 828.81 ft above msl. MP top of plywood recorder base, 10.20 ft below lsd. Highest water level 15.63 below lsd, Mar. 26, 1931; lowest 179.4 below lsd, Apr. 29, 1968. Records available: 1919, 1929-72. Water levels affected by regional pumping.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	177.2	177.3	177.3	179.1	178.3	177.4	176.9	177.2	177.8	177.0	173.9	172.7
10	177.3	176.7	178.1	179.1	178.2	178.5	179.0	177.2	177.3	175.2	172.7	173.7
15	177.1	176.9	178.5	179.1	177.4	178.3	179.1	178.1	176.8	175.5	173.2	172.5
20	177.5	177.2	178.5	179.1	177.2	178.5	178.5	177.9	176.2	175.2	173.6	172.1
25	177.1	177.7	178.5	179.1	177.0	178.2	179.1	178.3	176.2	175.3	173.6	170.3
Eom	177.3	177.4	178.1	179.1	176.0	178.8	177.3	178.6	176.4	174.6	173.2	172.4

424502N0843313.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	172.8	171.7	171.4	170.7	168.3	165.2	165.5	166.4	167.2	166.8	166.6	166.0
10	172.5	171.5	171.3	168.7	167.8	165.0	166.7	165.7	167.2	166.5	166.7	165.0
15	172.7	172.2	171.4	169.4	167.8	166.1	167.6	166.9	167.0	166.9	166.0	164.6
20	172.7	172.0	170.9	170.7	167.7	166.4	166.5	167.6	167.4	166.7	167.4	164.2
25	172.2	171.5	170.5	169.6	167.0	166.7	167.0	167.8	166.9	167.3	167.3	163.2
Eom	172.4	171.6	171.3	169.5	165.7	166.3	165.9	168.1	166.9	167.1	165.2	164.1
1970												
5	164.3	164.5	162.9	163.2	.....	164.6	164.3	163.0	162.1	158.0	154.9	154.9
10	164.5	163.4	163.2	163.2	.....	164.8	164.5	164.5	163.5	157.7	154.6	155.0
15	164.4	163.4	163.5	163.3	.....	163.6	164.4	163.6	161.9	158.3	153.8	154.9
20	164.0	162.5	163.3	162.8	.....	163.6	163.4	163.4	161.3	157.1	153.3	155.1
25	164.0	163.1	163.2	163.0	.....	163.3	162.8	163.2	159.6	155.9	153.2	153.6
Eom	164.2	163.4	162.6	.....	164.0	164.4	162.8	162.6	158.6	155.8	155.1	154.0
1971												
5	153.8	151.9	151.3	150.6	148.2	148.7	151.1	151.0	150.7	149.1	147.6	147.2
10	153.3	151.9	150.9	149.8	149.3	149.0	152.7	151.0	150.7	148.7	147.3	146.4
15	153.5	152.2	150.2	149.1	149.7	149.3	153.1	149.7	150.4	148.6	147.1	146.0
20	153.1	151.6	150.5	148.9	149.5	149.5	152.8	151.1	150.2	149.4	146.5	145.6
25	152.4	151.4	150.9	148.0	148.3	150.3	152.4	151.0	150.2	147.9	147.1	145.8
Eom	152.2	151.9	150.3	148.3	148.0	152.0	151.1	151.2	149.8	147.8	147.2	145.0
1972												
5	144.9	144.2	143.8	142.8	142.3	142.2	142.6	144.1	142.4	141.8	e137.4	133.2
10	144.0	144.4	144.2	142.7	142.0	142.4	142.9	144.0	142.9	141.7	e136.5	132.8
15	144.9	143.5	144.0	142.3	141.0	142.0	142.8	143.8	142.6	141.1	e135.5	132.2
20	144.1	.....	144.0	142.8	141.7	142.2	144.0	143.6	142.7	140.9	e134.9	130.8
25	144.4	143.8	143.8	143.1	142.3	141.8	144.1	143.3	142.1	e139.6	133.9	130.4
Eom	143.8	143.6	142.1	142.5	142.0	142.0	144.1	143.2	141.9	e138.2	134.0	128.9

e Estimated.

City of Mason

423500N0842636.1. Local number 2N 1W 5-ddad. City of Mason. Jefferson Ave. and Okemos St., Mason. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 6 in, depth 150 ft, cased. Lsd about 890 ft above msl. MP top of casing, 1.00 ft above lsd (since Jan. 2, 1967). Highest water level 0.08 below lsd, June 29, 1949; lowest 10.67 below lsd, Aug. 1, 1964. Records available: 1948-72. Water levels affected by regional pumping. Measurements made by Water Dept.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	5.3	July 22, 1968	5.6	Feb. 11, 1969	5.0	Sept. 24, 1970	6.3
8	4.3	29	5.6	18	5.2	Oct. 26	4.4
15	5.4	Aug. 5	5.9	24	6.0	Nov. 25	5.1
22	5.0	12	5.7	Mar. 3	6.0	Dec. 23	4.6
29	4.4	19	5.6	10	5.7	Jan. 25, 1971	4.2
Feb. 5	4.4	26	5.9	19	6.8	Feb. 25	4.6
12	5.0	Sept. 2	6.2	24	5.8	Mar. 26	5.0
19	4.9	9	5.8	31	5.2	Apr. 27	5.0
26	4.6	16	6.2	Apr. 7	5.8	May 27	7.9
Mar. 4	4.6	23	6.0	14	6.2	June 28	8.4
11	4.4	Oct. 1	5.8	21	4.6	July 29	9.2
18	5.6	7	5.0	29	5.2	Aug. 27	9.8
26	4.6	14	5.0	May 28	5.7	Sept. 27	7.4
Apr. 2	4.6	22	5.4	June 30	5.8	Oct. 27	8.0
9	4.4	29	6.2	July 28	5.4	Nov. 26	5.7
16	6.6	Nov. 4	5.6	Aug. 28	8.9	Dec. 27	6.0
23	5.1	12	5.4	Sept. 30	7.6	Jan. 26, 1972	7.6
29	7.0	19	4.6	Oct. 30	7.4	Feb. 25	7.7
May 6	5.9	26	5.0	Nov. 26	6.3	Mar. 27	4.9
13	6.9	Dec. 2	4.4	Dec. 24	6.4	Apr. 27	5.5
20	6.2	11	5.2	Jan. 23, 1970	6.3	May 26	5.8
27	6.4	18	5.0	Feb. 24	6.0	June 23	6.3
June 5	5.8	23	4.6	Mar. 27	5.7	July 31	6.2
12	5.7	30	4.2	Apr. 27	4.0	Aug. 19	8.0
18	5.3	Jan. 7, 1969	5.4	May 28	5.3	Sept. 20	6.8
25	5.4	14	5.2	June 29	5.4	Oct. 20	10.0
July 1	5.5	21	4.6	July 23	6.1	Nov. 21	4.9
8	5.4	27	4.2	Aug. 24	5.9	Dec. 22	5.4
15	5.6	Feb. 4	5.0				

Iron County

Stambaugh Township

460455N0884129.1. Local number 43N 35W 33-bdad. State Highway Dept. Driven unused water-table well in sand and gravel of Pleistocene age, diam 1 1/2 in, depth 12 ft, screened 9-12. Lsd about 1,520 ft above msl. MP top of casing, 2.05 ft above lsd. Highest water level 1.93 below lsd, July 6, 1953; lowest 8.44 below lsd, Mar. 15, 1949. Records available: 1948-72. Measurements made by Wisconsin-Michigan Power Co.

460452N0884122.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	4.30	Apr. 2, 1969	4.46	July 1, 1970	3.79	Nov. 2, 1971	4.73
Feb. 1	4.61	May 1	2.86	Sept. 1	4.73	Dec. 1	5.02
Mar. 1	4.88	June 3	2.61	28	4.92	Jan. 3, 1972	5.22
Apr. 2	4.55	July 1	2.73	Oct. 30	4.60	February	5.55
May 1	3.85	31	3.24	Dec. 2	4.40	Mar. 1	5.40
June 3	3.57	Sept. 3	4.01	31	4.39	Apr. 4	5.87
July 2	2.45	Oct. 2	4.35	Feb. 1, 1971	4.74	May 5	4.05
Aug. 1	2.78	31	4.51	Mar. 2	4.90	June 1	3.52
30	3.37	Dec. 3	4.76	Apr. 2	4.68	30	3.99
Oct. 1	3.36	Jan. 2, 1970	5.02	May 3	2.65	Aug. 4	4.06
Nov. 1	3.42	Feb. 3	5.34	June 2	2.71	Sept. 1	3.15
Dec. 3	3.77	Mar. 3	5.58	July 2	3.15	Oct. 2	2.87
Jan. 2, 1969	3.97	Apr. 1	5.72	Aug. 3	3.77	Nov. 1	2.69
Feb. 3	4.15	May 1	5.05	Sept. 1	4.25	Dec. 4	2.62
Mar. 3	4.33	June 1	3.75	Oct. 1	4.63		

Kalamazoo County

City of Kalamazoo

421641N0853506.1. Local number 2S 11W 22-cdbb. City of Kalamazoo. Stockbridge Ave. Drilled unused water-table well in deposits of Pleistocene age, diam 4 in, depth 137 ft, screened 134-137. Lsd 764.7 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 6.38 below lsd, Apr. 20, 1969; lowest 31.08 below lsd, Aug. 19, 1961. Records available: 1960-72. Water levels affected by nearby pumping.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.40	10.25	10.27	10.94	11.46	12.09	12.53	13.57	14.43	14.71	13.83	12.77
10	10.38	10.50	10.42	11.29	11.61	13.00	13.16	14.59	14.20	14.25	14.09	12.95
15	10.40	10.48	10.58	11.27	12.23	13.64	13.96	14.62	14.37	14.24	14.05	13.06
20	10.68	9.89	10.75	11.48	11.75	13.80	14.54	14.98	14.52	14.60	13.86	12.67
25	10.95	10.04	10.87	11.37	12.05	13.74	14.60	15.52	14.76	14.12	13.19	12.40
Eom	10.67	10.16	10.70	11.27	11.80	12.69	13.92	15.68	14.54	13.75	13.11	11.58

1969

5	11.55	10.89	10.78	10.18	9.35	10.33	10.62	13.33	15.42	13.85	11.77	10.22
10	11.49	10.60	10.73	9.62	9.91	9.69	10.97	13.66	15.51	13.79	11.47	10.35
15	11.54	10.81	10.39	9.10	9.73	10.16	11.73	13.91	14.55	13.51	11.41	9.95
20	11.59	10.84	10.79	6.38	10.02	10.17	12.53	14.23	14.56	12.72	10.96	10.11
25	11.72	10.83	10.65	7.68	10.15	9.87	12.95	14.54	14.20	12.61	10.66	9.97
Eom	11.46	10.99	10.49	8.64	10.68	10.46	13.28	15.05	13.70	12.27	10.17	9.53

1970

5	9.00	9.95	10.85	10.90	10.60	11.50	13.00	13.17	15.59	13.51	12.13	10.44
10	9.75	9.50	10.40	9.80	10.70	12.05	13.25	13.43	15.39	13.62	11.84	10.54
15	10.05	9.80	10.60	10.75	10.90	12.50	14.15	14.22	14.77	13.32	11.42	10.51
20	10.15	10.55	10.90	10.15	10.35	12.90	13.60	14.68	14.12	12.39	10.96	10.63
25	10.30	10.80	10.85	10.45	10.95	13.00	13.21	14.77	14.13	12.57	10.81	10.57
Eom	10.25	10.85	11.00	11.20	11.15	12.90	13.41	15.30	13.78	12.67	10.44	10.24

1971

5	10.06	7.20	9.70	9.47	10.13	13.45	16.05	.....	17.31	15.95	13.35	11.46
10	10.20	7.16	9.50	10.09	11.20	.....	17.05	.....	.....	15.21	13.04	11.50
15	10.31	7.28	9.21	10.66	11.49	.....	16.99	.....	.....	14.62	12.57	11.28
20	10.30	10.39	9.14	10.33	12.85	15.10	.....	17.60	15.95	14.99	12.54	10.99
25	10.20	10.94	9.73	9.87	12.46	16.20	.....	17.39	15.76	13.92	12.25	10.16
Eom	10.34	9.85	9.57	10.56	11.28	17.30	.....	17.53	16.26	13.75	11.90	10.18

1972

5	9.80	10.23	10.75	11.83	.....	13.58	14.29	17.60	15.15	14.54	12.00	10.48
10	9.66	8.30	12.38	11.66	11.20	14.65	15.55	16.07	14.53	13.51	12.07	10.40
15	10.55	7.90	12.13	12.32	11.25	14.65	15.35	15.92	15.07	13.29	11.48	10.27
20	9.98	7.59	11.96	12.54	11.31	14.72	18.05	15.60	14.82	12.95	11.15	10.01
25	9.79	7.37	12.23	.....	13.05	12.87	18.83	16.72	14.41	12.47	10.86	8.25
Eom	10.52	7.03	12.10	.....	12.55	14.62	16.33	16.07	14.30	12.60	10.70	9.09

Schoolcraft Township

420624N0853624.1. Local number 4S 11W 21-cbbb-2. Willis Chamberlain. 16th St., Schoolcraft. Driven unused water-table well in sand of Pleistocene age, diam 1 1/2 in, depth 21 ft, cased to 18, screened 18-21. Lsd about 863 ft above msl. MP top of pipe, 2.80 ft above lsd. Highest water level 10.53 below lsd, Oct. 6, 1969; lowest 13.77 below lsd, Dec. 15, 1968. Records available: 1966-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1968	12.32	Mar. 10, 1968	12.00	May 12, 1968	12.45	July 14, 1968	12.67
14	12.26	17	12.10	19	12.51	21	12.71
21	12.30	24	12.13	26	12.52	28	12.75
28	12.30	31	12.28	June 2	12.65	Aug. 4	12.75
Feb. 4	12.10	Apr. 7	12.25	9	12.67	11	12.65
11	11.82	14	12.20	16	12.70	18	12.77
18	11.79	21	11.98	23	12.75	25	12.82
25	11.76	28	12.35	30	12.64	Sept. 1	12.89
Mar. 3	11.88	May 5	12.41	July 7	12.66	8	12.97

420624N0853624_1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Sept. 15, 1968	13.02	Oct. 6, 1969	10.53	Oct. 12, 1970	13.04	Oct. 26, 1971	13.47
22	13.04	13	12.09	19	13.10	Nov. 1	13.46
29	13.13	20	11.90	26	13.20	10	13.34
Oct. 6	13.16	27	11.61	Nov. 2	13.26	15	13.40
13	13.28	Nov. 3	12.20	9	13.30	23	13.48
20	13.30	10	11.70	16	13.32	33	13.52
27	13.37	17	11.52	23	13.35	Dec. 6	13.53
Nov. 3	13.43	20	11.52	30	13.11	13	13.59
10	13.53	Dec. 1	12.45	Dec. 7	13.15	21	13.44
17	13.59	8	12.88	14	12.17	Jan. 24, 1972	12.82
24	13.64	15	13.20	21	13.08	31	12.93
Dec. 1	13.65	22	13.28	28	13.01	Feb. 7	12.75
8	13.70	29	13.20	Jan. 4, 1971	13.02	13	13.01
15	13.77	Jan. 5, 1970	13.40	11	13.04	20	13.07
22	13.63	12	13.40	18	13.10	27	12.94
29	13.54	19	13.40	25	13.13	Mar. 6	12.97
Jan. 13, 1969	13.45	26	13.51	Feb. 1	13.18	12	12.95
19	13.22	Feb. 2	13.55	8	13.03	20	12.84
27	13.11	9	13.59	15	12.97	Apr. 10	12.55
Feb. 3	12.98	16	13.64	22	12.47	17	12.47
10	12.74	19	13.63	Mar. 1	12.35	24	12.19
17	12.20	23	13.59	8	12.29	May 1	12.07
24	12.06	Mar. 2	13.54	15	12.98	8	11.99
Mar. 3	12.00	9	13.56	22	12.96	15	12.03
10	12.07	16	13.60	29	12.99	21	11.99
17	12.11	23	13.68	Apr. 5	13.01	30	12.05
24	12.18	30	13.76	12	12.99	June 5	12.16
31	12.22	Apr. 6	13.59	19	12.14	12	12.20
Apr. 7	12.20	13	13.23	26	12.17	18	12.86
14	12.09	20	13.00	May 3	12.29	26	12.37
21	12.00	27	12.99	10	12.31	July 6	12.50
28	11.98	May 4	12.98	17	12.39	13	12.63
May 5	11.68	11	12.65	24	12.45	24	12.69
12	11.83	18	12.20	31	12.53	30	12.80
19	11.78	25	12.33	June 7	12.59	Aug. 7	12.84
26	11.78	June 8	12.15	14	12.69	14	12.93
June 2	11.60	15	12.17	21	12.77	21	13.10
9	11.63	22	12.18	28	12.98	29	13.22
16	11.67	29	12.29	July 5	12.84	Sept. 4	13.18
23	11.60	July 6	12.40	12	12.78	11	13.27
30	11.49	13	12.24	19	12.69	18	13.21
July 7	10.99	20	12.40	26	13.15	24	13.41
14	11.52	27	12.45	Aug. 2	13.23	Oct. 3	13.45
21	11.74	Aug. 3	12.47	9	13.26	9	13.67
28	11.86	10	12.51	16	13.28	16	13.61
Aug. 4	11.84	17	12.53	23	13.23	Nov. 1	13.68
11	11.90	24	12.61	30	13.19	6	13.67
18	11.90	31	12.65	Sept. 6	13.14	13	13.68
25	11.91	Sept. 7	12.70	13	13.17	20	13.67
Sept. 1	11.91	14	12.75	20	13.19	27	13.66
8	11.88	21	12.84	Oct. 27	13.23	Dec. 11	13.49
15	11.85	28	12.90	Oct. 4	13.27	14	13.57
22	11.30	Oct. 5	12.99	11	13.30	15	13.36
30	11.20			18	13.46	25	13.23

Texas Township

421325N0854048.1. Local number 3S 12W 11-bdad. City of Kalamazoo. Atwater well field. Drilled unused artesian well in deposits of Pleistocene age, diam 3 in, depth 248 ft, cased. Lsd about 880 ft above msl. MP top of recorder base, 4.00 ft above lsd. Highest water level 2.98 above lsd, Sept. 4, 1969; lowest 0.31 below lsd, Jan. 21, 1965. Records available: 1961-72.

Lowest water level for the day, above lsd, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+2.06	+2.09	+2.08	+2.08	+2.13	+2.17	+2.15	+2.20	+2.12	+2.05	....	....
10	2.05	2.08	2.05	2.11	2.14	2.18	2.15	2.17	2.10	2.00	....	....
15	2.02	2.15	2.10	2.15	2.21	2.13	2.15	2.20	2.10	2.01	....	....
20	2.01	2.17	2.09	2.17	2.17	2.13	2.14	2.17	2.08	....	....	....
25	2.11	2.12	2.13	2.14	2.14	2.16	2.18	2.12	2.09	....	....	....
Eom	2.05	2.15	2.03	2.19	2.19	2.17	2.18	2.15	2.09	....	....	....
1969												
5	....	+2.13	+2.20	+2.23	+2.48	+2.62	+2.75	+2.90	+2.93	+2.86	+2.80	+2.40
10	....	2.08	2.16	2.26	2.50	2.69	2.80	2.89	2.92	2.85	2.80	2.64
15	+2.00	2.15	2.18	2.34	2.54	2.68	2.80	2.93	2.87	2.86	2.71	2.60
20	1.98	2.12	2.14	2.34	2.52	2.68	2.85	2.90	2.91	....	2.72	2.60
25	2.00	2.13	2.20	2.43	2.55	2.76	2.86	2.89	2.87	2.84	2.73	....
Eom	1.99	2.14	2.30	2.42	2.64	2.72	2.90	2.91	2.86	2.84	2.72	....
1970												
5	....	+2.43	+2.35	+2.31	+2.31	+2.41	....	+2.47	+2.40	+2.37	+2.31	....
10	....	2.46	2.38	2.30	2.35	2.41	....	2.45	2.38	2.32	2.25	....
15	....	2.49	2.35	2.32	2.40	2.41	....	2.44	2.39	2.33	2.26	....
20	+2.53	2.42	2.31	2.30	2.41	2.39	....	2.43	2.43	2.31	2.12	....
25	2.55	2.35	2.31	2.36	2.43	....	+2.49	2.44	2.40	2.33	....	....
Eom	2.46	2.41	2.27	2.38	2.42	....	2.50	2.37	2.40	2.28	....	....

421325N0854048.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	+2.18	+2.20	+2.18	+2.18	+2.24	+2.20	+2.20	....	....	....	+1.74
10	....	2.18	2.16	2.18	2.20	2.23	2.21	2.17	....	....	....	1.67
15	+2.19	2.21	2.11	2.05	2.24	2.20	2.22	2.14	....	....	....	1.70
20	2.24	2.12	2.13	1.99	2.18	2.20	2.23	....	....	....	+1.73	1.63
25	2.22	2.19	2.19	2.13	2.18	2.20	2.26	....	....	....	1.77	1.69
Eom	2.19	2.15	2.20	2.16	2.21	2.20	2.21	....	....	....	1.70	1.71
1972												
5	+1.65	+1.71	+1.64	....	....	....	....	+1.59	....	....	+1.46	....
10	1.63	1.70	....	....	....	....	....	1.57	....	....	1.49	....
15	1.58	1.61	....	....	....	....	....	1.56	....	....	....	....
20	1.70	1.64	....	....	....	....	+1.62	1.57	....	+1.47	....	....
25	1.65	1.63	....	....	....	....	1.59	1.58	....	1.50	....	....
Eom	1.65	1.63	....	....	....	....	1.60	1.57	....	1.49	....	....

Kent County

City of Wyoming

425305N0854329.1. Local number 6N 12W 27-bbba. City of Wyoming. 44th St. and Byron Center Ave. Drilled unused artesian well in Marshall Formation of Mississippian age, diam 14 in, depth 265 ft, cased to 207. Lsd 707.24 ft above ms1. MP top of plywood recorder base, 1.50 ft above lsd. Highest water level 47.81 below lsd, Apr. 12, 1971; lowest 56.05 below lsd, Aug. 8, 1964. Records available: 1962-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.25	49.10	48.90	49.15	49.20	49.35	49.20	49.65	49.75	49.70	49.74	49.51
10	49.30	48.95	49.05	49.10	49.25	49.65	49.30	49.65	49.60	49.67	49.68	49.51
15	49.25	48.95	49.05	49.15	49.30	49.90	49.45	49.65	49.75	49.60	49.66	49.55
20	49.30	48.90	49.05	49.15	49.35	49.90	49.70	49.65	49.77	49.68	49.59	49.50
25	49.35	49.05	49.00	49.15	49.45	49.60	49.60	49.80	49.70	49.79	49.56	49.40
Eom	49.25	48.95	49.10	49.05	49.40	49.40	49.55	49.85	49.62	49.75	49.56	49.30
1969												
5	49.30	48.96	48.86	48.79	48.58	48.82	48.97	49.13	49.80	49.88	49.68	49.68
10	49.38	48.92	48.82	48.77	48.61	48.78	48.92	49.30	49.83	49.79	49.70	49.55
15	49.39	49.04	48.95	48.60	48.68	48.92	49.07	49.39	49.81	49.76	49.86	49.64
20	49.34	48.98	48.85	48.73	48.72	49.03	49.07	49.48	49.92	49.64	49.77	49.69
25	49.32	48.88	48.81	48.61	48.75	48.97	49.06	49.53	49.84	49.76	49.66	49.68
Eom	49.18	48.92	48.89	48.65	48.83	48.99	49.10	49.78	49.78	49.73	49.54	49.64
1970												
5	49.60	49.88	49.75	49.50	49.23	48.99	49.41	49.68	50.03	49.33	48.98	49.02
10	49.77	49.66	49.55	49.40	49.17	49.03	49.40	49.75	49.93	49.34	49.05	48.91
15	49.70	49.79	49.61	49.35	49.12	49.15	49.48	49.77	49.79	49.31	49.05	48.89
20	49.81	49.95	49.48	49.12	49.18	49.33	49.52	49.90	49.66	49.11	49.10	49.00
25	49.74	49.85	49.55	49.20	49.10	49.31	49.48	49.88	49.58	49.14	49.02	48.88
Eom	49.76	49.96	49.50	49.16	49.16	49.26	49.49	50.03	49.37	49.15	48.91	48.84
1971												
5	48.87	48.80	48.40	48.16	48.01	48.37	49.00	49.40	49.70	49.35	49.43	49.51
10	48.86	48.83	48.32	48.20	48.20	48.57	48.91	49.37	49.61	49.40	49.41	49.40
15	48.96	48.85	48.20	47.98	48.27	48.70	49.08	49.53	49.73	49.47	49.47	49.27
20	48.87	48.90	48.27	47.91	48.32	48.82	49.21	49.55	49.56	49.45	49.45	49.17
25	48.86	48.70	48.16	48.06	48.20	48.94	49.23	49.58	49.52	49.37	49.50	49.27
Eom	48.92	48.64	48.03	48.12	48.30	49.07	49.35	49.58	49.38	49.44	49.52	49.18
1972												
5	49.05	49.18	49.17	48.79	48.72	49.22	49.01	49.38	49.10	49.17	49.17	48.93
10	49.05	49.13	49.20	48.77	48.71	49.55	49.15	49.25	49.27	49.26	49.05	49.07
15	49.30	49.09	49.00	48.95	48.60	49.30	49.31	49.28	49.17	49.35	49.04	48.98
20	49.18	49.22	48.99	48.80	48.80	49.08	49.18	49.25	49.14	49.34	48.99	48.93
25	49.26	49.19	49.00	48.70	49.11	49.17	49.15	49.21	49.15	49.16	48.77	48.95
Eom	49.08	49.12	48.93	48.68	48.90	49.23	49.23	49.18	49.16	49.10	48.88	48.53

Byron Township

425028N0854353.1. Local number 5N 12W 4-dced. City of Wyoming (Wobma well). Drilled unused artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 86 ft, cased. Lsd 685.97 ft above ms1. MP top of plywood recorder base, 2.50 ft above lsd. Highest water level 8.84 below lsd, Mar. 15, 1971; lowest 12.91 below lsd, Aug. 19, 1964. Records available: 1962-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.44	9.83	10.31	10.26	10.56	10.76	10.78	11.16	11.35	11.41	11.39	11.03
10	10.47	9.78	10.36	10.36	10.61	....	10.87	11.12	11.32	11.37	11.40	11.06
15	10.42	9.95	10.40	10.38	10.61	10.99	11.00	11.20	11.37	11.39	11.41	10.96
20	10.50	10.08	10.32	10.37	10.66	11.05	11.09	11.17	11.37	11.39	11.23	10.90
25	10.54	10.21	10.31	10.38	10.74	11.03	10.99	11.27	11.33	11.37	11.27	10.83
Eom	10.17	10.25	10.30	10.44	10.68	10.72	11.11	11.32	11.38	11.35	11.14	10.77

425028N0854353.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.76	9.82	10.12	10.01	10.06	10.33	10.41	10.50	11.12	11.28	11.00	10.73
10	10.79	9.93	10.20	9.97	9.93	10.36	10.54	10.64	11.14	11.21	.....	10.71
15	10.81	10.07	10.30	9.96	10.10	10.42	10.67	10.77	11.19	11.03	.....	10.75
20	10.62	10.16	10.25	9.87	10.16	10.51	10.50	10.85	11.21	11.00	.....	10.79
25	10.27	10.10	10.24	9.92	10.22	10.54	10.61	10.95	11.22	11.07	.....	10.84
Eom	9.88	10.09	10.28	9.97	10.33	10.57	10.35	11.05	11.25	11.11	.....	10.88
1970												
5	10.93	10.88	10.54	10.37	9.96	9.55	10.12	10.59	10.94	10.21	9.94	9.80
10	10.96	10.85	10.46	9.97	10.05	9.74	10.25	10.69	10.89	10.33	10.01	9.85
15	10.97	10.92	10.55	9.97	9.83	9.66	10.35	10.83	10.86	10.11	10.03	9.82
20	11.00	10.94	10.56	9.81	9.98	9.85	10.27	10.78	10.54	10.13	10.03	9.75
25	10.99	10.80	10.51	9.93	9.98	9.93	10.36	10.85	10.27	10.17	10.04	9.73
Eom	10.89	10.86	10.52	9.93	10.09	10.03	10.46	10.92	10.13	10.07	9.87	9.80
1971												
5	9.83	9.93	9.01	9.26	9.49	10.14	10.67	11.04	11.27	11.10	11.18	11.14
10	9.83	9.94	9.12	9.36	9.65	10.20	10.63	11.08	11.25	11.13	11.17	11.04
15	9.92	10.03	8.91	9.15	9.72	10.33	10.75	11.10	11.30	11.14	11.21	10.78
20	9.95	9.64	9.00	9.23	9.65	10.37	10.84	11.19	11.25	11.18	11.14	10.47
25	9.97	9.37	9.09	9.36	9.88	10.50	10.87	11.27	11.23	11.14	11.12	10.52
Eom	10.04	8.99	9.12	9.45	10.03	10.62	10.98	11.23	11.04	11.19	11.09	10.38
1972												
5	10.35	10.49	10.27	9.75	9.65	10.32	10.48	10.57	10.25	10.17	9.80	9.78
10	10.35	10.54	10.17	9.80	9.64	10.50	10.56	10.40	10.33	10.29	9.69	9.83
15	10.45	10.54	9.96	9.81	9.72	10.35	10.50	10.50	10.27	10.35	9.73	9.77
20	.....	10.56	9.79	9.33	9.87	10.24	10.29	10.18	10.10	10.39	9.74	9.79
25	.....	10.56	9.67	9.42	10.08	10.35	10.46	10.12	10.14	9.96	9.71	9.76
Eom	.....	10.50	9.78	9.53	10.19	10.40	10.56	10.11	10.07	9.90	9.75	9.35

Lake County

Pleasant Plains Township

435348N0855144.1. Local number 17N 13W 4-adad. Chesapeake and Ohio RR. Drilled unused artesian well in deposits of Pleistocene age, diam 8 in, depth 83 ft, cased. Lsd about 840 ft above msl. MP top of casing, 11.50 ft below lsd. Highest water level 15.16 below lsd, July 15, 1969; lowest 20.36 below lsd, May 23, 1958. Records available: 1957-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 10, 1968	17.52	July 15, 1969	15.16	Oct. 6, 1970	18.10	Dec. 8, 1971	18.94
July 9	17.26	Oct. 8	16.75	Dec. 4	18.04	Apr. 10, 1972	18.80
Oct. 8	18.14	Dec. 2	16.63	Apr. 6, 1971	17.68	July 25	17.61
Dec. 11	18.39	Apr. 8, 1970	17.24	July 7	17.12	Oct. 17	19.15
Apr. 9, 1969	17.71	July 17	17.12	Oct. 6	18.45	Dec. 11	19.06

Mackinac County

Marquette Township

460310N0843550.1. Local number 42N 2W 7-aabb. U.S. Forest Service. Drilled unused water-table well in Manistique Dolomite of Middle Silurian age, diam 6 in, depth 102 ft, cased. Lsd about 650 ft above msl. MP top of recorder base, 2.30 ft above lsd. Highest water level 13.1 below lsd, May 11, 1960; lowest 32.2 below lsd, Nov. 22, 1963. Records available: 1956-72.

Oct. 21, 1968	24.48	Mar. 15, 1970	26.9	Mar. 31, 1971	23.1	Feb. 29, 1972	25.5
Jan. 15, 1969	24.0	Apr. 30	19.2	Apr. 30	e16.0	Mar. 30	24.2
Apr. 29	15.9	May 31	21.0	May 31	17.2	Apr. 18	16.2
July 23	23.0	June 17	20.8	June 30	22.7	May 31	20.3
July 31	e23.4	July 31	25.3	July 31	25.3	June 30	23.5
Sept. 3	26.2	Aug. 31	27.1	Aug. 31	26.7	July 31	25.6
Oct. 30	27.4	Sept. 30	18.4	Sept. 30	27.1	Aug. 31	26.7
Oct. 31	25.3	Oct. 31	18.2	Oct. 31	26.8	Sept. 30	21.9
Nov. 30	23.3	Nov. 4	18.6	Nov. 30	25.2	Oct. 31	25.9
Dec. 31	24.9	Dec. 31	22.4	Dec. 31	22.3	Nov. 30	25.3
Jan. 31, 1970	26.3	Jan. 31, 1971	24.1	Jan. 31, 1972	24.4	Dec. 31	26.4
Feb. 28	27.2	Feb. 28	24.7				

e Estimated.

Marquette County

Ely Township

462936N0874752.1. Local number 47N 28W 3-ccdc. Ely Township. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 72 ft, screened 68-72. Lsd 1,571.99 ft above msl. MP top of recorder base, 3.00 ft above lsd. Highest water level 9.86 below lsd, May 2, 1969; lowest 19.26 below lsd, Apr. 10-11, 1964. Records available: 1961-72.

462935N0874752.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.41	.....	.....	.....	13.69	13.50	12.02	.....	13.09	12.61	12.52	12.78
10	14.53	.....	.....	.....	13.73	12.68	12.17	.....	12.43	12.60	e12.50	12.99
15	14.58	15.29	.....	.....	13.72	12.47	12.26	.....	12.19	12.56	12.63	.....
20	.....	.....	15.32	.....	.....	12.45	12.27	.....	.....	12.65	12.71	.....
25	.....	.....	15.30	13.87	13.69	.....	.....	13.21	.....	12.73	12.81	.....
Eom	14.98	.....	14.80	13.69	13.57	.....	.....	13.28	12.51	12.76	12.84	.....
1969												
5	12.68	13.01	13.60	13.98	.....	10.49	11.58	12.56	.....	.....	14.59	15.00
10	e12.85	13.07	13.66	12.82	.....	10.63	.....	12.72	13.83	.....	14.64	15.08
15	e12.95	e13.23	13.82	10.81	.....	.....	11.83	12.90	13.96	.....	14.75	15.20
20	13.01	13.33	13.87	.....	.....	10.95	12.03	13.11	14.09	.....	14.84	15.25
25	13.06	13.36	.....	10.28	.....	11.42	12.17	13.29	14.21	14.58	14.87	15.35
Eom	12.99	.....	.....	10.05	10.26	11.48	12.37	.....	.....	14.57	14.90	15.47
1970												
5	15.57	16.20	e16.71	e17.20	14.95	13.77	14.27	14.89	15.71	15.98	15.50	15.16
10	15.66	16.28	e16.82	17.13	14.85	13.80	14.40	15.04	15.81	16.08	15.45	15.08
15	15.74	.....	e16.90	16.81	14.82	13.81	14.47	15.16	15.89	16.15	15.47	15.09
20	15.86	.....	e16.96	16.00	14.83	13.92	14.56	15.28	15.94	16.22	15.49	15.19
25	.....	16.58	e17.04	15.68	14.72	14.01	14.62	15.45	15.98	16.29	15.36	15.23
Eom	16.07	16.65	e17.13	15.14	14.55	14.16	14.74	15.63	15.97	15.91	15.34	15.34
1971												
5	15.46	.....	16.38	.....	12.21	12.18	12.39	13.05	13.94	14.18	14.00	14.09
10	15.54	.....	.....	.....	12.22	12.23	12.55	13.16	14.07	14.00	13.86	14.11
15	15.65	.....	.....	.....	.....	12.30	12.48	13.35	14.22	14.05	13.97	13.90
20	15.70	16.27	16.47	.....	.....	12.22	12.62	13.47	14.33	14.14	13.94	13.87
25	15.74	16.31	.....	.....	12.26	12.29	12.71	13.65	14.43	14.14	14.04	14.05
Eom	15.88	16.38	.....	12.25	12.11	12.30	12.88	13.81	14.50	14.21	14.09	14.16
1972												
5	14.24	14.89	15.45	15.95	11.76	11.84	12.44	13.11	.....	12.82	12.79	12.97
10	14.33	15.02	.....	16.02	11.34	12.02	12.54	13.27	.....	12.73	12.46	13.13
15	14.50	15.10	.....	16.03	11.31	12.18	12.69	13.42	13.79	12.79	12.46	13.25
20	14.58	15.21	.....	15.75	11.44	12.14	12.83	13.44	13.75	12.95	12.63	13.36
25	14.72	15.30	15.81	15.24	11.58	12.10	12.89	13.48	13.34	12.99	12.64	13.49
Eom	14.80	15.36	15.86	14.15	11.68	12.23	13.00	.....	12.87	13.10	12.85	13.63

e Estimated.

Oakland County

City of Bloomfield Hills

423427N0831521.1. Local number 2N 10E 22-baab. Cranbrook School. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 6 in, depth 65 ft, screened 58'-65'. Lsd about 788 ft. 17 above msl. MP top of casing, 5.20 ft below lsd. Highest water level 10.4 below lsd, May 27, 1963; lowest 18.9 below lsd, Dec. 7, 1964. Records available: 1950-72. Water levels affected by nearby pumping. Measurements made by Water Dept.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.42	11.20	11.68	11.13	11.68	11.48	10.66	11.45	11.63	11.90	12.23	12.08
10	11.61	11.20	11.69	11.14	11.84	11.52	10.82	11.48	11.60	11.98	12.32	12.08
15	11.74	11.32	11.66	11.26	12.11	11.60	10.83	11.58	11.64	12.02	12.38	12.11
20	11.84	11.45	11.51	11.37	12.12	11.72	11.04	11.51	11.72	12.08	12.33	12.16
25	11.88	11.61	11.36	11.46	12.45	11.82	11.20	11.51	11.79	12.13	12.27	12.14
Eom	11.71	11.64	11.14	11.58	11.77	10.56	11.42	11.61	11.84	12.19	12.22	12.01
1969												
5	11.96	11.67	11.98	11.83	11.56	11.87	11.97	12.05	12.23	13.23	13.75	13.53
10	12.02	11.70	12.00	11.70	11.59	11.92	11.78	12.04	12.30	13.40	13.76	13.51
15	12.10	11.78	12.08	11.68	11.56	11.98	11.80	12.03	12.46	13.50	13.76	13.48
20	12.08	11.87	12.11	11.64	11.56	11.96	11.85	12.02	12.66	13.54	13.77	13.46
25	11.96	11.92	12.06	11.56	11.56	11.94	11.95	12.04	12.84	13.61	13.68	13.42
Eom	11.83	11.94	11.89	11.55	11.68	11.94	12.01	12.14	13.05	13.72	13.58	13.34
1970												
5	13.27	13.67	13.32	12.88	12.57	12.57	12.79	13.38	14.20	14.79	15.07	15.03
10	13.26	13.36	13.25	12.78	12.58	12.62	12.86	13.48	14.33	14.87	15.08	14.99
15	13.29	13.36	13.18	12.71	12.58	12.70	12.93	13.61	14.47	14.93	15.08	14.96
20	13.30	13.36	13.12	12.67	12.56	12.72	13.01	13.76	14.59	14.97	15.08	14.94
25	13.32	13.35	13.05	12.63	12.55	12.74	13.12	13.91	14.66	15.01	15.07	14.90
Eom	13.35	13.34	12.95	12.58	12.54	12.74	13.28	14.07	14.73	15.05	15.06	14.87
1971												
5	14.86	14.83	14.02	12.25	11.90	12.47	13.49	14.80	15.40	15.52	15.52	15.49
10	14.86	14.81	13.64	12.08	11.93	12.60	13.69	14.99	15.44	15.52	15.52	15.49
15	14.85	14.76	13.44	11.97	11.97	12.73	13.93	15.11	15.46	15.52	15.52	15.47
20	14.84	14.71	13.35	11.90	12.04	12.89	14.14	15.21	15.49	.....	15.50	15.42
25	14.84	14.57	12.82	11.88	12.13	13.07	14.36	15.30	15.51	.....	15.50	15.37
Eom	14.83	14.44	12.52	11.89	12.33	13.28	14.60	15.37	15.52	15.52	15.50	15.32
1972												
5	15.25	14.79	14.59	14.02	13.18	12.78	12.70	12.70	12.68	12.59	12.43	12.26
10	15.18	14.75	14.54	13.95	13.05	12.77	12.70	12.70	12.68	12.58	12.41	12.22
15	15.06	14.71	14.47	13.86	12.95	12.75	12.71	12.70	12.68	12.55	12.38	12.19
20	15.17	14.67	14.33	13.74	12.84	12.74	12.71	12.70	12.67	12.53	12.34	12.17
25	14.91	14.65	14.25	13.58	12.86	12.72	12.70	12.70	12.64	12.51	12.31	12.11
Eom	14.84	14.63	14.09	13.44	12.83	12.71	12.70	12.68	12.62	12.48	12.29	12.06

Presque Isle County

Allis Township

451307N0841349.1. Local number 33N 2E 30-dacb. State Dept. of Natural Resources. Jetted observation water-table well in deposits of Pleistocene age, diam 2 in, depth 14 ft, open bottom. Lsd about 800 ft above msl. MP top of casing, 1.20 ft above lsd. Highest water level 0.61 below lsd, July 12, 1960; lowest 5.69 below lsd, Jan. 27, 1956. Records available: 1934-44, 1948-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 3, 1968	3.25	July 15, 1969	2.62	Oct. 12, 1970	2.91	Dec. 14, 1971	3.50
July 9	3.76	Oct. 15	2.89	Dec. 9	2.85	Apr. 11, 1972	4.07
Oct. 16	4.16	Dec. 9	2.97	Apr. 13, 1971	2.30	Aug. 1	2.52
Dec. 2	4.24	Apr. 21, 1970	3.37	July 13	1.39	Oct. 25	3.10
Apr. 15, 1969	3.62	July 7	3.25	Oct. 30	2.96	Dec. 5	3.38

Roscommon County

Higgins Township

442756N0843508.1. Local number 24N 2W 20-baba. State Dept. of Natural Resources. Jetted observation water-table well in sand of Pleistocene age, diam 8 in, depth 14 ft, open bottom. Lsd 1,145.30 ft above msl. MP top of 8-in pipe (previously reported top of recorder base), 2.50 ft above lsd. Highest water level 2.30 below lsd, Apr. 23, 1971; lowest 6.23 below lsd, Dec. 6-11, 1949. Records available: 1934-72. Federal key well.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.03	e3.80	4.40	3.99	4.16	4.03	3.96	4.46	4.77	4.56	4.43	4.39
10	4.09	e3.87	4.27	3.99	4.20	4.10	4.07	4.51	4.76	4.45	4.45	4.41
15	4.14	e4.06	4.34	4.03	4.21	4.15	4.19	4.59	4.76	4.39	4.49	4.35
20	4.20	e4.24	3.99	e4.08	4.24	e4.19	4.23	4.60	4.78	4.38	...	4.27
25	4.25	e4.33	4.07	4.09	4.26	4.23	4.31	4.67	4.64	4.38	4.45	4.27
Eom	e4.20	e4.36	3.99	4.13	4.05	3.95	4.38	4.75	4.67	4.40	4.42	4.27
1969												
5	4.27	4.32	4.51	4.14	3.40	3.35	3.06	3.69	4.22	4.56	4.02	3.98
10	4.28	4.35	4.54	3.58	3.17	3.43	3.19	3.79	4.29	4.56	4.00	4.00
15	4.33	4.40	4.58	3.44	3.11	3.51	3.37	3.90	4.37	4.21	4.00	4.06
20	4.37	4.45	4.46	3.37	3.14	3.58	3.53	3.93	e4.43	4.19	4.00	4.09
25	4.29	4.49	4.30	3.31	3.17	3.63	3.62	4.02	4.47	4.05	3.97	4.14
Som	4.30	4.51	4.20	3.34	3.26	2.90	3.60	4.16	4.51	4.43	3.96	4.21
1970												
5	4.26	4.49	4.62	4.57	3.58	3.09	3.80	4.30	4.72	4.63	4.08	e3.82
10	4.31	4.51	4.65	4.14	3.58	3.26	3.99	4.41	4.78	4.63	3.98	e3.75
15	4.35	4.55	4.68	e3.88	3.63	3.33	3.96	4.51	4.80	4.28	3.98	e3.73
20	4.38	4.59	4.64	3.69	3.67	3.47	4.05	4.59	4.83	4.29	4.01	e3.73
25	4.42	4.61	4.57	3.63	3.75	3.56	4.13	4.67	4.58	4.30	4.00	e3.77
Som	4.46	4.63	4.54	3.61	3.42	3.70	4.22	4.77	4.53	4.33	3.97	e3.82
1971												
5	e3.90	4.16	3.94	3.68	2.60	3.19	3.70	4.20	4.46	4.70	4.85	e4.95
10	e3.96	4.19	4.00	3.40	2.73	3.22	3.84	4.29	4.55	4.73	4.87	...
15	4.02	4.23	3.98	2.42	2.83	3.29	3.97	4.32	4.62	4.76	4.88	...
20	4.06	4.23	3.79	2.33	2.96	3.38	4.04	4.38	4.69	4.79	4.90	...
25	4.08	4.04	3.80	2.37	3.04	3.46	3.96	4.23	4.71	4.81	...	...
Som	4.13	3.94	3.81	2.50	3.14	3.59	4.12	4.39	4.75	4.84	e4.95	...
1972												
5	...	4.39	4.57	4.53	2.96	3.50	4.05	4.44	4.28	4.52	4.18	4.21
10	...	4.43	4.60	4.55	3.00	3.62	4.16	4.44	4.42	4.58	4.17	...
15	...	4.46	4.61	4.01	3.06	3.71	4.10	4.49	4.52	4.61	4.15	...
20	...	4.50	4.64	3.17	3.15	3.80	4.16	4.54	4.62	4.64	4.14	...
25	4.34	4.52	4.47	3.04	3.27	3.88	4.26	4.54	4.66	4.33	4.14	4.39
Eom	...	4.54	4.48	3.02	3.38	3.95	4.38	4.19	4.54	4.20	4.17	4.10

e Estimated.

Saginaw County

Chesaning Township

431055N0840715.1. Local number 9N 3E 16-bddd. Ray Ellis. Liberty St. Drilled unused artesian well in Saginaw Formation of Pennsylvanian age, diam 3 in, depth 129 ft, cased. Lsd 643 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 25.85 below lsd, Nov. 28, 1969; lowest 53.84 below lsd, Sept. 8, 1959. Records available: 1958-71. Water levels affected by regional pumping. EOM from weekly tape measurements. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	30.38	Sept. 24, 1968	32.97	May 27, 1969	33.28	Dec. 4, 1969	26.77
Feb. 27	30.53	Nov. 5	29.88	June 24	32.47	Jan. 31, 1970	26.28
Mar. 26	31.66	Nov. 26	28.74	July 29	32.48	Feb. 28	27.06
Apr. 30	32.66	Dec. 31	33.53	Aug. 26	33.69	Mar. 7	26.85
May 28	30.56	Jan. 28, 1969	31.98	Sept. 30	31.30	Mar. 5, 1971	29.92
June 25	32.51	Feb. 25	40.25	Oct. 30	30.38	June 23	40.07
July 30	35.15	Mar. 25	33.25	Nov. 28	25.85	July 31	37.09
Aug. 27	35.02	Apr. 29	38.92				

Sanilac County

Moore Township

432508N0825545.1. Local number 12N 13E 33-dddd. State Highway Dept. Drilled (previously reported driven) unused artesian well in lower part of the Marshall Formation, diam 3 in, depth 150 ft, cased to 53. Lsd about 800 ft above msl. MP top of 14-in pipe extension, 1.00 ft above lsd. Highest water level 15.45 below lsd, Apr. 25, 1951; lowest 25.64 below lsd, Jan. 6, 1965. Records available: 1948-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	17.04	Mar. 26, 1969	19.13	July 15, 1970	20.57	Oct. 13, 1971	23.02
10	17.56	May 1	17.12	22	20.56	20	24.00
17	17.76	7	17.16	29	20.83	27	23.98
24	17.85	14	16.82	Aug. 13	20.94	Nov. 3	23.93
31	17.80	22	16.89	19	20.35	11	23.38
Feb. 7	16.90	28	17.09	26	20.56	17	23.56
14	17.00	June 4	17.36	Sept. 2	21.86	24	23.67
21	17.50	11	17.60	9	21.03	Dec. 1	23.78
28	17.77	18	17.19	16	22.25	8	23.86
Mar. 6	18.20	25	18.08	23	21.03	15	24.35
13	17.94	July 2	18.18	30	22.98	22	23.96
20	17.72	9	18.69	Oct. 7	21.92	29	22.03
27	17.40	16	18.64	14	22.98	Jan. 5, 1972	22.94
Apr. 3	16.90	23	19.05	21	22.15	12	23.20
10	16.93	30	19.02	28	21.16	19	22.98
17	17.00	Aug. 6	19.12	Nov. 4	22.98	26	22.58
24	17.03	13	20.52	11	20.34	Feb. 2	22.02
May 1	17.00	20	20.02	18	20.91	9	22.30
8	17.42	27	21.26	25	20.98	16	23.00
15	17.47	Sept. 3	21.04	Dec. 2	20.02	Mar. 1	22.00
22	17.60	10	19.02	7	19.78	8	21.00
29	17.36	17	22.02	9	19.51	15	21.27
June 5	17.00	24	21.22	16	19.34	22	20.38
12	16.95	Oct. 1	22.22	23	18.99	29	19.97
19	17.25	8	22.89	31	18.23	Apr. 5	19.80
26	17.22	15	22.19	Jan. 6, 1971	18.94	12	19.70
July 3	16.70	22	23.18	13	17.91	19	19.00
10	16.95	29	23.58	22	18.95	26	18.74
17	17.05	Nov. 5	23.52	26	17.92	May 4	18.60
24	17.47	12	23.52	Feb. 3	18.94	10	18.65
31	17.95	19	23.61	11	19.10	17	19.00
Aug. 7	18.23	26	23.77	17	18.92	24	19.91
14	18.49	Dec. 3	23.80	Mar. 13	19.00	31	19.92
21	18.80	10	23.02	11	18.05	June 7	19.64
28	19.20	18	22.96	17	18.07	14	19.96
Sept. 5	19.20	27	23.22	24	19.00	21	19.97
11	19.35	30	23.18	31	19.00	28	20.00
17	19.55	Jan. 7, 1970	23.25	Apr. 6	18.94	July 5	19.90
26	19.60	14	23.46	14	18.00	12	20.00
Oct. 3	19.79	22	23.29	21	17.36	19	20.00
9	20.05	28	23.49	28	17.49	26	21.07
16	20.17	Feb. 8	23.74	May 5	17.96	Aug. 2	19.07
23	20.16	11	23.14	12	17.98	9	20.18
Nov. 1	20.37	18	23.05	19	18.26	16	20.95
7	20.48	25	23.04	26	18.94	23	20.95
13	20.62	Mar. 4	22.56	June 2	18.75	30	20.76
21	19.98	11	22.50	9	18.88	Sept. 6	21.00
27	20.72	18	22.94	16	18.94	13	20.75
Dec. 4	20.05	25	23.20	23	19.18	20	22.33
11	20.10	Apr. 1	22.10	30	19.97	27	21.36
18	19.67	8	22.45	July 7	19.56	Oct. 4	21.50
26	18.80	15	20.84	14	18.98	11	21.58
Jan. 2, 1969	19.45	22	21.39	21	20.17	18	21.78
8	19.39	29	20.06	28	20.49	25	21.72
15	19.67	May 6	21.24	Aug. 4	20.75	Nov. 1	21.64
22	18.88	13	20.05	11	21.91	8	21.26
29	18.86	20	20.10	18	21.46	15	21.10
Feb. 5	19.16	27	19.73	25	20.76	22	20.90
12	19.16	June 3	20.04	Sept. 1	21.10	29	21.00
19	19.15	10	21.23	8	22.15	Dec. 6	20.96
27	19.57	17	19.99	15	22.42	13	20.60
Mar. 5	19.37	24	19.93	22	22.58	20	20.30
12	19.20	July 1	20.00	29	22.63	27	20.20
19	19.60	8	20.00	Oct. 6	22.98		

Schoolcraft County

Germfask Township

461720N0855652.1. Local number 45N 13W 16-cccb. U.S. Fish and Wildlife Service. Drilled unused artesian well in limestones of Late Ordovician age, diam 4 in, depth 151 ft, cased to about 65. Lsd about 710 ft above msl. MP top of casing, 3.60 ft below lsd. Highest water level 4.64 below lsd, Apr. 13, 1971; lowest 6.50 below lsd, Oct. 23, 1963. Records available: 1952-72.

461720N0855652.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.51	5.33	5.20	5.20	....	5.35	5.50	5.69	5.53	5.51	5.50	5.37
10	5.49	5.31	5.24	....	....	5.48	5.57	5.68	5.48	5.50	5.49	5.44
15	5.47	5.27	5.25	....	5.39	5.52	5.55	5.70	5.57	5.50	5.49	5.30
20	5.46	5.23	5.23	....	5.40	5.54	5.60	5.71	5.58	....	5.41	5.30
25	5.48	5.21	5.24	....	5.44	5.44	5.61	5.69	5.54	5.47	5.39	5.28
Eom	5.46	5.24	5.28	....	5.43	5.33	5.64	5.64	5.54	5.48	5.44	5.19
1969												
5	5.17	5.03	5.15	5.16	5.27	5.29	5.36	5.51	5.79	5.76	5.58	5.61
10	5.11	5.05	5.18	5.05	5.24	5.37	5.39	5.55	5.80	5.74	5.61	5.55
15	5.16	5.10	5.21	5.14	5.34	5.39	5.46	5.60	5.80	5.66	5.56	5.54
20	5.07	5.12	5.17	....	5.27	5.42	5.51	5.72	5.84	5.59	5.58	5.48
25	5.03	5.13	5.14	....	5.33	5.44	5.52	5.78	5.81	....	5.59	5.48
Eom	5.02	5.15	5.20	5.30	5.38	5.22	5.54	5.80	5.78	5.62	5.59	5.48
1970												
5	5.49	5.34	5.29	5.36	5.43	5.34	5.72	....	5.71	5.51	5.36	5.24
10	5.49	5.36	5.29	5.38	5.41	5.50	5.74	....	5.74	5.55	5.37	5.25
15	5.46	5.33	5.31	5.37	5.45	5.59	5.71	....	5.78	5.61	5.51	5.32
20	5.45	5.33	5.25	5.34	5.46	5.56	....	....	5.73	5.62	5.51	5.34
25	5.39	5.28	5.29	5.40	5.47	5.64	....	....	5.53	5.62	5.58	5.30
Eom	5.35	5.35	5.31	5.39	5.48	5.70	....	5.80	5.51	5.59	5.32	5.32
1971												
5	5.25	4.96	4.81	4.93	5.24	5.28	5.46	5.56	5.60	5.56	5.46	5.49
10	5.22	4.98	4.83	4.94	5.35	5.26	5.52	5.55	5.64	5.52	5.50	5.46
15	5.24	4.99	4.81	4.84	5.31	5.33	5.45	5.57	5.63	5.57	5.52	5.38
20	5.22	4.95	4.75	5.18	5.15	5.38	5.51	5.53	5.67	5.57	5.47	5.34
25	5.18	4.89	4.83	5.21	5.06	5.39	5.50	5.53	5.64	5.57	5.51	5.41
Eom	5.06	4.79	4.81	5.24	5.29	5.43	5.50	5.59	5.63	5.58	5.46	5.34
1972												
5	5.32	5.20	5.05	4.97	5.25	5.41	....	5.79	5.71	5.71	5.60	5.61
10	5.36	5.25	5.07	5.05	5.33	5.47	....	5.78	5.78	5.77	5.57	5.58
15	5.38	5.20	5.02	4.91	5.37	....	....	5.82	5.74	5.74	5.61	5.54
20	5.32	5.20	5.03	4.95	5.34	....	....	5.78	5.78	5.73	5.65	5.49
25	5.24	5.16	5.01	4.99	5.41	....	....	5.75	5.74	5.62	5.62	5.46
Eom	5.22	5.12	4.94	5.15	5.48	....	5.85	5.70	5.62	5.68	5.61	5.35

Washtenaw County

York Township

420901N0834304.1. Local number 4S 6E 10-bccc. Ypsilanti State Hospital. Drilled unused artesian well in gravel of Pleistocene age, diam 6 in, depth 173 ft, cased. Lsd about 794 ft above msl. MP top of recorder base, 0.90 ft above lsd. Highest water level 56.64 below lsd, Oct. 1, 1962; lowest 88.27 below lsd, July 8, 1955. Records available: 1946-72. Water levels affected by nearby pumping. Measurements made by Ypsilanti State Hospital.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 8, 1968	67.69	Jan. 23, 1969	68.36	Apr. 23, 1970	77.23	June 11, 1971	71.44
15	67.10	30	68.85	25	77.23	18	71.44
22	67.39	7	68.88	May 7	76.76	25	70.39
29	68.08	13	68.79	14	76.44	July 1	72.06
Mar. 7	67.66	21	68.87	June 2	76.32	8	72.09
14	68.08	27	68.08	19	76.19	16	73.14
19	67.64	Mar. 6	67.17	30	76.24	22	73.19
28	67.54	14	68.14	July 7	76.18	29	72.01
Apr. 4	68.24	20	69.78	16	76.86	Aug. 5	74.04
11	67.32	3	69.12	22	76.98	12	73.23
18	67.07	10	69.08	30	76.96	20	74.43
30	66.78	24	68.66	Aug. 4	77.02	26	73.72
May 9	66.86	May 1	68.60	13	77.23	Sept. 3	73.36
15	66.80	7	68.38	24	76.09	9	74.39
23	66.87	15	68.52	Sept. 3	78.17	15	71.97
June 6	66.87	22	68.67	9	77.23	23	71.28
21	66.25	June 5	68.58	17	77.28	Oct. 1	73.91
27	66.52	12	68.67	Oct. 15	78.18	7	73.18
July 11	68.34	23	68.27	23	77.07	14	73.77
17	68.64	July 9	69.79	Nov. 6	77.35	28	75.17
30	69.18	24	70.32	13	77.29	Dec. 2	73.21
Aug. 7	70.02	31	70.41	20	76.32	16	73.08
14	70.34	Aug. 25	70.75	30	76.64	23	72.57
22	70.51	Sept. 10	72.60	Dec. 10	76.67	30	72.04
Sept. 10	68.92	18	73.44	18	76.53	Feb. 3, 1972	70.09
19	70.34	Oct. 7	73.18	Jan. 8, 1971	76.57	Apr. 6	67.72
26	70.02	23	74.10	14	74.80	27	67.36
Oct. 3	69.49	30	74.02	21	70.84	4	67.09
10	69.09	Nov. 5	74.04	29	70.97	Mar. 18	67.27
17	69.19	Dec. 9	73.70	Mar. 18	73.64	June 7	67.10
24	68.22	19	74.16	25	72.62	29	71.10
30	68.94	Jan. 14, 1970	75.07	Apr. 1	73.37	Aug. 24	74.52
Nov. 7	69.08	23	76.01	9	73.13	Sept. 14	75.60
14	68.71	30	75.57	22	73.24	22	69.52
Dec. 6	68.62	Feb. 17	75.60	29	73.78	Oct. 5	76.20
12	68.26	27	75.70	May 6	73.88	13	70.06
19	68.29	Mar. 11	76.11	13	72.44	19	75.32
Jan. 3, 1969	67.86	25	75.62	21	72.82	Nov. 16	75.35
16	69.06	Apr. 9	76.26	June 3	72.54	Dec. 28	74.03

Ypsilanti Township

421226N0833317.1. Local number 3S 7E 24-cadb. Ypsilanti Township. Formerly Ford Motor Co. Drilled unused water-table well in sand of Pleistocene age, diam 4 in, depth 87 ft, screened 77-80 lsd 665.56 ft above msl. MP top of 4-in coupling, 3.00 ft above lsd. Highest water level 5.79 below lsd, Jan. 5, 1950; lowest 22.66 below lsd, Feb. 13, 1971. Records available: 1943-45, 1949-72. Water levels affected by nearby pumping. Recording gage installed April 1968. Jan. 1, 1968, 16.89; Jan. 27, 17.77; Feb. 24, 17.58; Mar. 16, 18.40; Apr. 9, 20.13.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.92	.....	15.75	17.19	17.71	16.56	17.06	16.86
10	19.56	18.70	16.02	17.75	17.24	16.93	16.93	17.10
15	18.46	.....	17.05	16.84	16.60	16.45	16.63	17.90
20	17.68	18.13	17.81	17.00	16.50	17.46	17.45	18.92
25	19.25	17.74	17.22	17.62	16.07	17.33	18.26	19.20
Eom	19.62	17.50	16.05	17.02	18.05	16.08	16.92	18.60

1969

5	18.71	e19.75	19.90	19.82	18.15	16.70	.....	16.75	18.44	18.64	18.05	19.90
10	19.20	e19.61	19.87	19.16	17.79	e16.70	.....	17.04	18.32	17.94	18.27	20.44
15	e20.25	19.47	20.30	18.61	17.69	e16.50	18.40	17.81	18.62	17.26	18.78	20.90
20	20.24	19.68	20.44	18.30	17.40	e16.65	18.54	18.12	18.50	17.11	18.98	21.27
25	e20.05	19.93	20.28	18.40	17.26	e16.80	18.46	18.52	18.82	17.90	18.99	21.17
Eom	e19.89	20.14	20.22	18.39	17.00	e17.05	17.45	18.85	18.11	18.18	19.08	20.60

1970

5	20.51	22.52	22.27	21.38	18.72	17.19	17.06	19.73	20.58	19.00	.....	17.15
10	21.25	22.96	21.62	20.66	18.72	16.70	18.15	20.22	20.55	19.38	16.82	18.02
15	21.65	22.62	21.55	20.17	18.66	16.45	18.87	20.55	20.33	19.44	16.29	18.30
20	21.61	22.63	21.64	19.41	18.24	16.13	19.35	20.85	19.80	19.41	15.90	18.88
25	21.90	22.52	21.57	19.23	17.90	16.16	19.47	20.57	20.14	.....	.....	18.15
Eom	22.28	22.57	21.64	18.91	17.86	15.92	19.30	e20.43	19.12	.....	16.56	17.99

1971

5	18.45	22.51	.....	21.18	20.00	20.04	19.45	18.57	19.54	19.05	19.12	19.60
10	19.85	22.56	.....	20.99	19.98	19.93	19.24	19.01	19.31	19.07	19.22	19.62
15	20.90	22.56	22.05	20.37	20.15	19.84	19.19	19.08	19.28	18.89	19.28	19.67
20	21.10	22.36	21.76	20.39	20.25	19.78	19.21	19.21	19.28	18.88	.....	19.73
25	21.78	22.15	21.66	20.37	20.02	19.65	19.20	19.38	19.35	18.94	.....	19.88
Eom	22.35	22.10	21.38	20.35	20.08	19.51	18.74	19.51	18.91	.....	.....	19.03

1972

5	18.94	20.16	20.63	19.78	18.68	18.46	17.75	17.63	16.43	15.46	15.59	16.13
10	18.94	20.19	20.70	19.58	18.77	18.29	17.87	.....	16.03	15.60	15.46	16.32
15	19.55	20.28	20.54	19.29	18.72	17.87	17.75	.....	15.70	15.46	15.57	16.34
20	19.75	20.50	20.44	19.05	18.62	17.65	18.00	.....	15.57	15.65	15.45	17.00
25	19.87	20.53	20.36	18.80	18.56	17.45	17.93	.....	15.38	15.62	15.35	16.78
Eom	19.91	20.53	20.18	18.84	18.40	17.46	17.95	.....	15.35	15.62	15.82	16.51

e Estimated.

Wexford County

City of Cadillac

441503N0842422.1. Local number 21N 9W 4-abbe. City of Cadillac. Drilled unused artesian well in deposits of Pleistocene age, diam 8 to 6 in, reported depth 277 ft, cased. Lsd 1,291.10 ft above msl. MP top of recorder base, 4.13 ft above lsd. Highest water level 19.99 below lsd, July 6, 1953; lowest 27.59 below lsd, June 30, 1964. Records available: 1949-72. Water levels affected by nearby pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 15, 1968	22.81	Aug. 5, 1968	23.55	Oct. 22, 1969	21.81	Oct. 8, 1971	22.02
Feb. 7	22.91	Sept. 9	23.31	Dec. 4	21.70	Dec. 9	21.56
Mar. 14	23.07	Oct. 7	23.44	Apr. 9, 1970	22.22	Apr. 10, 1972	22.02
Apr. 9	22.92	Nov. 4	23.33	Oct. 8	22.02	July 26	22.22
May 9	23.20	Dec. 11	23.39	Dec. 10	21.93	Oct. 17	22.41
June 4	23.40	Apr. 10, 1969	23.39	Apr. 8, 1971	21.84	Dec. 11	21.50
July 8	23.51	July 16	23.00	July 9	21.01		

References

- Allen, W. B., 1973, Flowing wells in Michigan: Michigan Geol. Survey Water Information Series Rept. 2.
- Allen, W. B., Miller, J. B., and Wood, W. A., 1972, Availability of water in Kalamazoo County, Michigan: U.S. Geol. Survey Water-Supply Paper 1733.
- Doonan, C. J., Hendrickson, G. E., 1968, Ground-water resources of Ontonagon County, Michigan: Michigan Geol. Survey Water Inv. Rept. 9.
- Doonan, C. J., Hendrickson, G. E., and Byerly, J. R., 1970, Ground water and geology of Keweenaw Peninsula, Michigan: Michigan Geol. Survey Water Inv. Rept. 10.
- Giroux, P. R., and Huffman, G. C., 1969, Summary of ground-water hydrological data in Michigan in 1968: U.S. Geol. Survey open-file rept.
- , 1970, Summary of ground-water hydrological data in Michigan in 1969: U.S. Geol. Survey open-file rept.
- Huffman, G. C., and Thompson, T., 1971, Summary of ground water hydrological data in Michigan in 1970: U.S. Geol. Survey open-file rept.
- Knutilla, R. L., Twenter, F. R., and Larson, R. W., 1971, Upper Rifle River Basin--An evaluation of its water resources and hydrologic environment: Michigan Geol. Survey Water Information Series Rept. 1.
- Twenter, F. R., and Knutilla, R. L., 1972, Water for a rapidly growing urban community--Oakland County, Michigan: U.S. Geol. Survey Water-Supply Paper 2000.
- Vanlier, K. E., and Wheeler, M. L., 1968, Analog simulation of ground-water development of the Saginaw Formation Lansing metropolitan area, Michigan: Tri-County Planning Commission, Lansing Ground-Water Rept.
- Vanlier, K. E., Wood, W. W., and Brunett, J. O., 1973, Water-supply development and management alternatives for Clinton, Eaton, and Ingham Counties, Michigan: U.S. Geol. Survey Water-Supply Paper 1969.

NEW HAMPSHIRE

The observation-well program in New Hampshire was continued during 1968 through 1972 in cooperation with the New Hampshire Water Resources Board. The Manchester Water Works maintained the recording gage on well Auburn 8 and made weekly measurements of the water level in that well. 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. Local well numbers are also given.

Local well numbers, designated by town or city name and serial numbers assigned within each city or town, have been continued in this report for the convenience of local users and for easy reference to previously published data.

Well Descriptions and Water-Level Measurements

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

Hillsboro County

424705N0712848.1. Local number Nashua 101. Pennichuck Water Works. Dug unused water-table well in sand and gravel of Pleistocene age, diam 36 in, depth 19 ft, lined with stone. Lsd about 170 ft above msl. MP southeast edge of northwest slab of granite, 0.50 ft above lsd. Highest water level 3.83 below lsd, Apr. 23, 1969; lowest dry, at times in 1956, 1963-66. Records available: 1955-56, 1958-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 1, 1968	12.44	Apr. 24, 1969	5.91	July 28, 1970	12.40	Sept. 27, 1971	12.33
26	12.75	May 23	11.14	Aug. 25	11.22	Oct. 27	12.53
Mar. 25	7.96	June 24	9.86	Sept. 24	12.46	Nov. 26	13.26
Apr. 25	10.28	July 28	14.53	Oct. 26	10.92	Dec. 27	11.08
May 23	11.51	Aug. 25	12.45	Nov. 23	9.86	Jan. 27, 1972	11.43
June 24	11.29	Sept. 26	12.37	Dec. 28	10.72	Feb. 28	11.30
July 24	11.47	Oct. 28	14.20	Jan. 25, 1971	14.34	Mar. 28	7.93
Aug. 24	15.36	Nov. 24	9.10	Feb. 23	12.15	Apr. 26	7.37
Sept. 25	16.41	Dec. 29	6.16	Mar. 25	6.34	May 25	7.34
Oct. 28	18.13	Jan. 8, 1970	9.33	Apr. 27	10.41	June 28	9.29
Nov. 21	10.86	23	11.41	May 24	9.82	July 27	9.61
Dec. 29	10.08	28	11.90	June 24	12.00	Aug. 28	8.29
Jan. 27, 1969	10.09	Feb. 23	9.08	July 27	13.74	Sept. 26	10.91
Feb. 24	11.41	Mar. 26	10.18	Aug. 25	13.23	Oct. 26	11.75
Mar. 24	9.25	Apr. 23	9.68	30	13.13	Nov. 28	7.95
25	7.89	May 22	7.72	30	13.11	Dec. 26	10.77
Apr. 23	3.83	June 25	11.04				

Merrimack County

431526N0713455.1. Local number Concord 1. U.S. Geol. Survey. Driven observation water-table well in stratified sand, diam 3/4 in, depth 11 ft, 2-ft well point 9-11 (previously reported 2-ft by 1 1/2-in well point). Lsd about 345 ft above msl. MP top of 3/4-in steel pipe, 2.80 ft above lsd. Highest water level 0.09 below lsd, Apr. 4, 1960; lowest 7.32 below lsd, Nov. 1, 1965. Records available: 1955-72.

Jan. 25, 1968	4.11	May 23, 1969	2.26	Aug. 25, 1970	4.65	Oct. 28, 1971	5.20
Feb. 26	4.18	June 25	2.34	Sept. 22	5.11	Nov. 29	5.31
Mar. 26	1.64	July 29	3.37	Oct. 26	4.24	Dec. 28	4.42
Apr. 24	1.80	Aug. 26	3.79	Nov. 23	3.91	Jan. 28, 1972	4.19
May 27	1.93	September	3.29	Dec. 28	3.93	Feb. 28	4.11
June 26	1.72	Oct. 25	4.65	Jan. 26, 1971	4.05	Mar. 29	2.28
July 26	3.13	Nov. 25	2.97	Feb. 23	3.45	Apr. 24	1.04
Aug. 24	3.88	Dec. 28	1.57	Mar. 23	2.44	May 26	2.09
Sept. 25	4.51	Jan. 23, 1970	2.44	Apr. 27	1.58	June 28	2.47
Oct. 28	4.92	Feb. 20	1.45	May 25	1.80	July 28	2.41
Nov. 22	3.52	Mar. 26	.64	June 24	3.28	Aug. 30	3.77
Dec. 30	2.46	Apr. 24	1.34	July 28	4.49	Sept. 26	4.41
Jan. 28, 1969	2.79	May 25	1.92	Aug. 26	4.79	Oct. 26	4.77
Feb. 24	2.98	June 24	3.22	30	4.10	Nov. 28	2.72
Mar. 24	2.15	July 27	4.13	Sept. 27	5.28	Dec. 27	2.47
Apr. 24	.67						

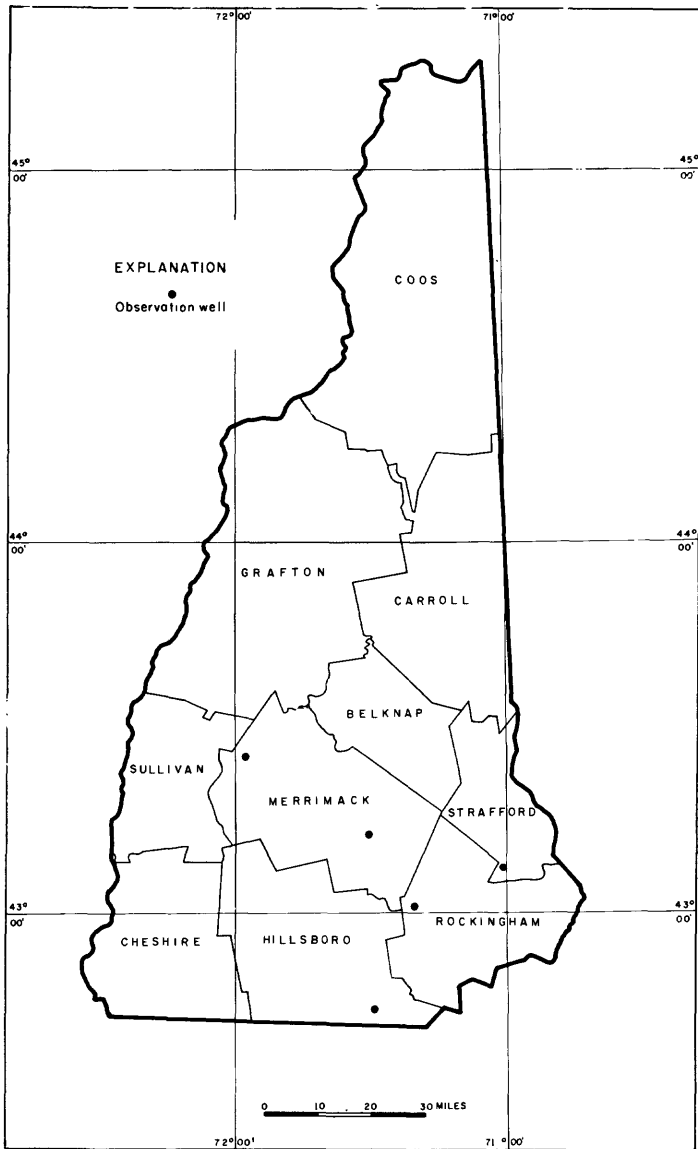


Figure 8.--Location of observation wells in New Hampshire, 1968-72.

432343N0715709.1. Local number New London 1. W. S. Mariner. Dug unused water-table well in sandy glacial till, diam 36 in, depth 21 ft, lined with fieldstone to 21. Lsd about 1,020 ft above msl. MP cross chiseled on east side of rock casing, at lsd. Highest water level 0.80 below lsd, Apr. 2, 1963; lowest 16.90 below lsd, Dec. 28, 1964. Records available: 1947-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1968	11.59	May 23, 1969	5.38	June 24, 1970	9.20	Sept. 22, 1971	14.40
Feb. 24	11.15	June 25	9.53	July 22	11.00	Oct. 24	15.15
Mar. 24	1.35	25	10.17	Aug. 24	12.88	Nov. 20	15.63
Apr. 26	4.33	26	10.23	Sept. 24	14.29	Dec. 21	15.80
May 27	4.83	July 24	11.25	Oct. 24	14.72	Jan. 21, 1972	13.65
June 26	6.90	Aug. 27	11.20	Nov. 21	14.00	Feb. 20	10.50
July 24	8.18	Sept. 27	12.80	Dec. 21	11.94	Mar. 20	6.17
Aug. 25	10.82	Oct. 24	13.83	Jan. 24, 1971	11.90	Apr. 21	1.22
Sept. 24	12.50	Nov. 22	11.24	Feb. 19	11.78	May 20	4.58
Oct. 28	13.65	Dec. 21	7.05	Apr. 21	2.73	June 21	7.46
Dec. 31	7.41	Jan. 23, 1970	7.55	May 23	5.52	July 23	7.30
Jan. 25, 1969	8.30	Feb. 23	5.06	June 25	9.56	Aug. 21	8.90
Feb. 24	9.32	Mar. 24	7.79	July 23	11.90	Sept. 21	11.28
Mar. 23	8.95	Apr. 24	3.90	Aug. 20	13.35	Oct. 21	12.44
Apr. 1	4.62	May 22	4.85	30	14.23	Nov. 24	8.30
24	1.03						

Rockingham County

430100N0712113.1. Local number Auburn 8. Manchester Water Works. Dug unused water-table well in sandy till, diam 32 in, depth 8 ft, lined with fieldstone to 8. Lsd about 300 ft above msl. MP edge of steel plate attached to horizontal beam, at lsd. Highest water level 0.45 below lsd, Apr. 2, 1958; lowest dry, several times, 1957, 1964. Records available: 1942-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1968	1.62	Mar. 24, 1969	1.34	June 15, 1970	2.18	Oct. 25, 1971	5.43
8	1.66	31	1.19	22	2.09	Nov. 1	5.24
15	1.42	Apr. 7	1.10	30	2.11	8	5.13
22	1.45	14	1.33	July 6	2.41	15	4.88
29	1.55	21	1.36	13	2.34	22	4.79
Feb. 6	1.28	28	1.38	20	2.55	29	3.57
12	1.70	May 5	1.53	26	3.35	Dec. 6	4.17
19	1.76	12	1.60	Aug. 3	3.35	14	2.32
26	1.86	19	1.85	10	4.03	20	2.18
Mar. 4	1.82	26	1.81	17	4.67	27	1.77
11	1.56	June 2	2.20	24	4.83	Jan. 4, 1972	1.61
18	1.88	9	2.38	Sept. 1	4.98	10	1.57
25	1.20	16	2.07	7	5.27	17	1.55
Apr. 1	1.39	23	2.08	14	5.57	24	1.32
8	1.51	30	2.65	21	4.74	Feb. 1	1.28
15	1.18	July 7	3.16	28	5.18	7	1.33
22	1.61	14	2.02	Oct. 5	4.94	14	.97
29	1.63	21	2.50	12	5.25	20	1.32
May 6	1.56	29	2.77	19	5.28	27	1.22
13	1.72	Aug. 4	1.34	27	3.85	Mar. 6	1.17
20	1.33	11	1.69	Nov. 1	4.03	13	1.40
27	1.77	19	2.03	9	3.76	20	1.16
June 3	1.65	25	2.58	16	3.00	27	1.11
10	1.50	Sept. 1	1.98	23	2.60	Apr. 3	1.18
17	1.35	8	1.78	30	2.48	11	1.18
July 24	1.60	15	1.98	Dec. 7	2.37	17	1.14
1	1.45	22	2.10	15	2.30	24	1.19
8	1.62	29	2.22	Jan. 11, 1971	1.60	May 1	1.17
15	1.80	Oct. 1	2.31	17	1.53	8	.97
22	2.00	13	2.32	23	1.59	15	1.13
29	2.32	20	2.60	Feb. 8	1.50	22	1.17
Aug. 5	2.12	27	2.54	15	1.44	29	1.29
12	2.53	Nov. 1	2.05	22	1.53	June 5	.97
19	2.95	10	1.60	Mar. 9	1.38	12	1.31
26	2.93	17	1.50	15	1.32	19	1.48
Sept. 1	3.54	24	1.48	22	1.29	26	1.53
9	3.29	Dec. 1	1.50	29	1.27	July 3	1.69
16	3.37	8	1.35	Apr. 4	1.07	10	1.74
23	3.98	15	1.38	May 12	.99	17	1.85
30	4.17	22	1.29	19	1.28	24	1.97
Oct. 7	4.27	Jan. 6, 1970	1.36	26	1.45	31	2.07
14	4.06	13	1.39	July 11	1.45	Aug. 7	2.39
21	4.00	20	1.35	17	1.57	14	2.71
Nov. 28	4.27	Feb. 27	1.02	24	1.52	20	2.98
4	4.34	8	1.44	June 7	1.96	27	3.13
11	2.48	15	1.41	14	2.10	Sept. 4	3.33
Dec. 18	2.18	22	1.35	21	2.31	11	3.27
2	1.58	29	1.40	28	2.52	18	3.37
9	1.34	Mar. 2	1.53	July 6	2.96	26	3.67
16	1.01	9	1.60	12	3.55	Oct. 1	3.81
23	.96	16	1.63	19	3.59	11	2.72
Jan. 1, 1969	1.27	23	1.30	26	4.13	19	2.58
6	1.36	30	1.30	Aug. 2	3.53	24	2.51
13	1.39	Apr. 6	1.20	9	4.03	30	2.39
20	1.50	13	1.30	16	4.23	Nov. 8	1.69
27	1.46	20	1.37	23	4.97	13	1.67
Feb. 3	1.47	May 27	1.40	Sept. 7	5.06	20	1.44
10	1.61	May 1	1.60	13	5.22	27	1.39
17	1.65	11	1.87	20	4.54	Dec. 1	1.28
24	1.59	18	1.26	26	4.87	11	1.37
Mar. 2	1.62	25	1.83	Oct. 4	4.48	18	1.26
10	1.66	June 1	2.18	12	4.79	26	1.23
17	1.64	10	1.83	18	4.94		

Strafford County

430715N0710047.1. Local number Lee 1. Mrs. Mildred Carlson. About 200 ft west of center of town of Lee. Dug unused water-table well in sand and gravel of Pleistocene age, diam 42 in, depth 33 ft, lined with stone. Lsd about 180 ft above msl. MP top of stone cover, at lsd. Highest water level 29.34 below lsd, Jan. 31, 1958; lowest 32.35 below lsd, Nov. 1, 27, 1965. Records available: 1953-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 24, 1968	31.42	Apr. 24, 1969	30.60	July 24, 1970	31.28	Oct. 23, 1971	31.44
Feb. 24	31.30	May 23	30.86	Aug. 26	31.61	Nov. 21	31.68
Mar. 25	29.77	June 27	31.15	Sept. 28	31.70	Dec. 21	31.09
Apr. 25	31.04	July 26	31.26	Oct. 26	30.67	Jan. 24, 1972	31.15
May 27	30.94	Aug. 23	30.76	Nov. 20	31.11	Feb. 18	31.94
June 25	30.83	Sept. 27	31.31	Jan. 5, 1971	31.38	Mar. 23	30.10
July 24	31.12	Oct. 27	31.59	28	31.44	Apr. 24	30.42
Aug. 26	31.45	Nov. 27	30.78	Feb. 22	31.19	May 21	30.31
Sept. 24	31.70	Dec. 24	30.86	Mar. 23	30.62	June 21	30.78
Oct. 24	31.80	Jan. 26, 1970	31.15	Apr. 22	30.60	July 24	30.91
Nov. 25	30.80	Feb. 25	30.73	May 23	30.64	Aug. 25	31.11
Dec. 30	30.96	Mar. 25	30.64	June 24	31.08	Sept. 23	31.29
Jan. 24, 1969	31.21	Apr. 25	30.74	July 23	31.32	Oct. 22	31.33
Feb. 21	31.23	May 22	30.75	Aug. 23	31.40	Nov. 22	30.55
Mar. 24	30.98	June 24	31.06	Sept. 23	31.59	Dec. 22	30.79

NEW JERSEY

The observation-well program in New Jersey, which was continued during the period 1968 through 1972, is conducted in cooperation with the State Department of Environmental Protection, Water Resources Division. 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.

The local well-numbering system is based upon the State topographic atlas sheets. The first segment of the number is that of the atlas sheet on which the well location may be found. The second refers to the 6-minute rectangle in which the well is situated. The third refers to the 2-minute rectangle into which the 6-minute rectangle is subdivided. Each of the 2-minute rectangles is divided into nine equal rectangles which are numbered 1 to 9, beginning in the upper left corner and numbering to the right. These divisions are again divided into nine equal rectangles and numbered in the same way.

Well Descriptions and Water-Level Measurements

Water levels are reported in feet referred to mean sea level. Those shown between plus (+) signs are above mean sea level, and those between minus (-) signs are below mean sea level.

Atlantic County

392754N0742701.1. Local number 36.4.7.2.1. U.S. Geol. Survey. Oceanville. Drilled observation artesian well in Kirkwood Formation of Miocene age, diam 8 in, depth 570 ft, screened 560-570, cased with steel. Lsd 27.25 ft above msl. MP top of casing, 2.10 ft above lsd. Highest water level 6.37 below msl, Apr. 13, 1961; lowest 34.20 below msl, Sept. 15, 20, 25, 1972. Records available: 1959-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-26.60	-25.80	-25.15	-24.15	-22.40	-23.85	-22.65	-24.85	-27.40	-28.35	-27.50	-23.90
10	26.65	25.60	25.05	23.75	22.70	23.60	22.85	25.20	27.70	28.25	27.15	23.65
15	25.95	25.65	25.10	23.15	22.95	23.80	23.20	25.70	28.00	28.25	26.90	22.95
20	26.15	25.50	24.80	22.90	23.25	22.85	23.50	26.05	28.15	28.05	26.10	22.55
25	25.95	25.50	24.85	22.60	23.70	22.40	23.90	26.40	28.15	27.75	25.40	22.50
Eom	25.95	25.30	24.60	22.50	23.65	22.45	24.40	27.00	28.30	27.80	24.85	22.75
1969												
5	-22.85	-22.55	-21.60	-21.20	-20.95	-22.45	-26.30	-29.10	-31.15	-31.60	-31.25	-30.50
10	22.90	22.35	21.50	21.15	20.90	23.25	26.90	29.45	31.40	31.65	31.00	30.35
15	22.95	22.40	21.60	21.20	21.15	23.95	27.40	29.85	31.65	31.65	30.95	30.10
20	22.85	22.05	21.40	20.95	21.20	24.70	27.95	30.10	31.75	31.75	30.95	30.10
25	22.55	21.90	21.10	20.85	21.25	25.25	28.05	30.45	31.65	31.80	30.95	29.85
Eom	22.60	31.85	21.40	20.95	21.60	25.95	28.65	30.90	31.50	31.60	30.65	29.40
1970												
5	-29.40	-28.85	-28.05	-27.40	-26.90	-27.05	-26.35	-29.60	-32.20	.....	-33.10	-31.95
10	29.10	28.50	27.90	27.20	26.95	26.90	27.00	29.95	.....	.....	33.15	31.75
15	29.15	28.60	27.80	26.90	27.10	26.65	27.60	30.45	.....	.....	32.65	31.40
20	28.95	28.45	27.85	26.95	27.00	26.25	28.10	30.80	.....	.....	32.50	31.15
25	28.85	28.35	27.60	26.90	26.65	26.00	28.60	31.35	.....	.....	32.45	30.85
Eom	28.85	28.35	27.35	27.00	26.95	26.00	29.15	31.90	.....	-33.60	32.10	30.70
1971												
5	-30.35	-29.60	-28.75	-28.10	-27.70	-27.60	-29.35	-32.35	-33.35	-33.90	-33.05	-31.95
10	30.35	29.35	28.75	27.90	27.70	27.75	29.90	32.60	33.65	33.85	32.90	31.55
15	30.05	29.30	28.45	27.80	27.75	27.80	30.40	32.70	33.65	33.80	32.75	31.45
20	30.00	29.15	28.20	27.70	27.50	28.15	30.95	32.95	33.90	33.60	32.35	31.20
25	29.85	28.85	28.30	27.60	27.15	28.40	31.55	33.30	34.10	33.20	32.15	31.15
Eom	29.65	28.70	28.00	27.60	27.25	28.85	32.15	33.15	34.10	33.25	31.90	30.75
1972												
5	-30.45	-29.70	-28.65	-27.95	-27.70	-27.45	-28.40	-30.80	-33.60	-34.15	-32.85	-31.55
10	30.30	29.65	28.90	27.90	27.70	27.45	27.60	28.70	31.30	34.00	33.95	32.45
15	30.20	29.25	28.35	27.80	27.45	27.80	28.95	31.75	34.20	33.80	32.05	31.15
20	30.10	28.95	28.35	27.65	27.15	27.95	29.35	32.25	34.20	33.65	31.90	30.95
25	30.00	28.95	28.15	27.60	27.05	27.90	29.65	32.70	34.20	33.35	31.85	30.35
Eom	29.80	28.85	27.95	27.75	27.20	28.05	30.25	33.30	34.05	33.15	31.85	30.35

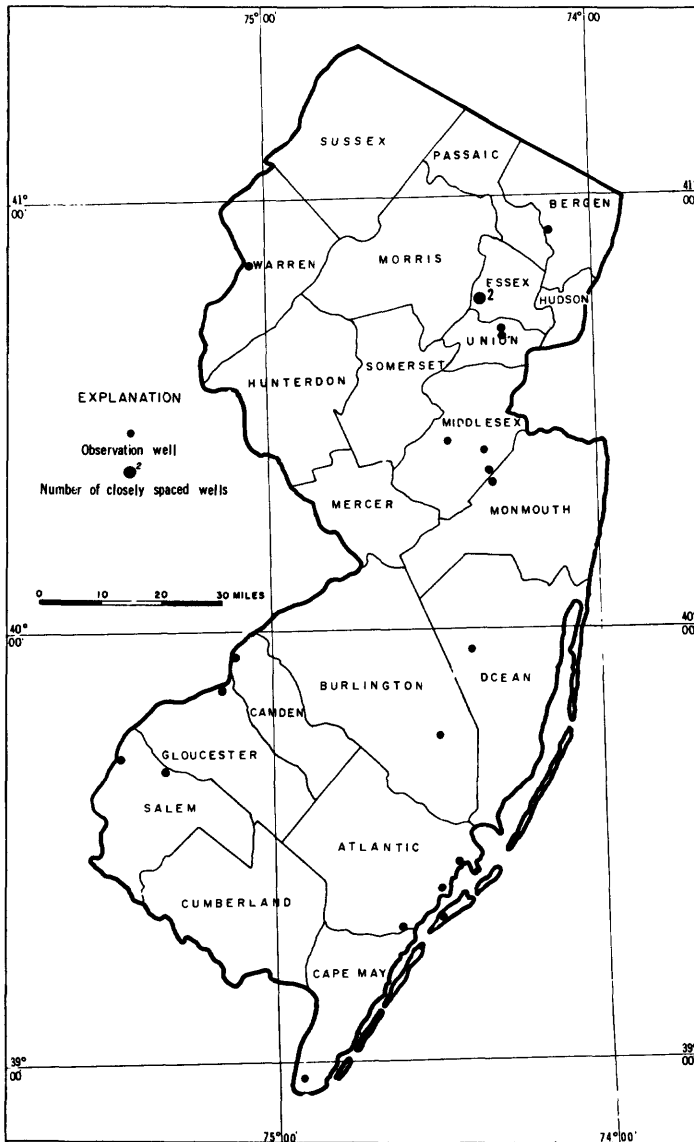


Figure 9.--Location of observation wells in New Jersey, 1968-72.

392436N0743035.1. Local number 36.13.2.9.1 (A.C. 600-ft). Atlantic City Water Dept. Pumping station between Absecon and Pleasantville. Drilled unused artesian well in 800-ft sand in Kirkwood Formation of Miocene age, diam 8 to 6 in, depth 692 ft, cased with steel, 8-in 0-405, 6-in 405-692. Lsd 11.78 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 3.05 below msl, May 28, 1925; lowest 50.1 below msl, Oct. 10, 1970. Records available: 1925-72.

End-of-day water level, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-41.3	-40.5	-39.7	-38.3	-36.8	-38.5	-37.2	-39.7	-42.4	-43.3	-42.5	-39.4
10	41.3	40.4	39.6	37.8	37.1	38.1	37.5	40.0	42.6	43.2	42.0	....
15	40.8	40.3	39.6	37.3	37.4	37.7	37.8	40.6	43.1	43.1	41.2	....
20	40.8	40.2	39.2	37.1	37.8	36.9	38.2	41.0	43.1	42.8	40.6	....
25	40.7	40.1	39.3	36.9	38.2	36.7	38.6	41.4	43.0	42.7	39.8	....
Eom	40.7	38.9	38.8	36.7	38.2	36.9	39.2	41.9	43.2	42.8	39.1	....
1969												
5	....	-36.4	-35.3	-34.5	-34.4	-36.5	-40.8	-43.6	-45.9	-46.7	-46.4	-45.6
10	-36.9	36.1	35.2	34.6	34.5	37.5	41.4	44.0	46.1	46.7	46.1	45.0
15	37.0	36.2	35.2	34.6	34.8	37.3	42.0	44.3	46.5	46.7	46.1	45.1
20	36.8	35.8	34.9	34.4	34.9	39.1	42.5	44.7	46.7	46.7	46.1	45.1
25	36.6	35.9	34.7	34.3	35.3	39.7	42.7	45.0	46.7	46.8	45.9	42.4
Eom	36.6	35.6	34.9	34.4	35.5	40.3	43.3	45.5	46.5	46.7	45.6	44.5
1970												
5	-44.4	-43.8	....	-42.5	-42.1	-42.2	-41.5	-44.8	-47.9	-50.0	-48.7	-47.2
10	44.2	43.7	....	42.4	42.2	42.1	42.3	45.3	48.4	50.1	48.7	47.2
15	44.2	43.5	-43.2	42.2	42.3	41.9	42.9	45.8	48.9	50.0	48.1	46.8
20	44.0	43.6	42.9	42.2	42.2	41.4	43.4	46.2	49.3	50.0	47.1	46.5
25	43.9	....	42.8	42.2	41.9	41.1	44.0	46.9	49.6	49.6	47.9	....
Eom	43.9	....	42.7	42.3	42.3	41.1	44.3	47.4	49.8	49.2	47.5	....
1971												
5	....	....	-40.5	....	....	-42.1	-44.5	-47.6	-48.6	-49.4	....	....
10	....	....	....	....	....	-42.6	42.0	45.1	48.0	49.0	49.5	....
15	....	....	....	....	....	42.8	42.1	45.7	47.9	49.0	....	....
20	....	....	....	....	....	42.5	42.3	46.3	48.3	....	....	....
25	....	-43.7	....	....	....	42.2	42.5	46.9	49.0	....	....	....
Eom	....	43.6	....	....	....	42.0	44.0	47.5	48.3	....	....	....
Lowest water level for the day, from recorder graph, 1972												
5	....	....	-43.40	-42.55	-42.00	-44.00	-43.05	-45.70	-48.55	-49.40	-47.75	....
10	....	....	43.50	42.25	42.10	42.15	43.35	46.20	49.05	49.05	47.25	....
15	....	....	43.05	42.20	42.00	42.40	43.65	46.75	49.50	48.85	47.10	-45.70
20	....	....	43.00	42.05	41.15	42.70	44.10	47.25	49.45	48.60	46.50	....
25	....	....	42.85	42.00	41.50	42.35	44.45	47.70	49.55	48.00	46.50	....
Eom	....	-43.55	42.55	42.10	41.60	42.35	42.05	48.30	49.30	48.10	....	....

391827N0743710.1. Local number 36.22.2.8.1. U.S. Geol. Survey. Jobs Point. Drilled observation artesian well in Kirkwood Formation, diam 8 in, depth 680 ft, screened 670-680, cased with steel. Lsd 10.0 ft above msl. MP top of casing, 9.0 ft above lsd (since January 1968). Highest water level 19.10 below msl, Apr. 13, 1961; lowest 60.75 below msl, Aug. 31, 1972. Records available: 1959-72.

Average water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-39.90	-38.20	-36.25	-37.30	-38.25	-39.85	-45.20	-52.65	.....	-50.95	-46.85	-43.30
10	38.75	38.00	36.55	37.35	38.90	40.30	46.15	53.10	.....	49.90	45.85	42.65
15	37.95	37.05	37.15	37.45	38.95	40.65	47.15	54.05	-53.35	49.25	46.00	41.45
20	38.70	36.90	37.20	38.20	39.05	41.65	49.10	54.75	52.75	48.45	45.35	41.05
25	38.30	36.45	37.35	37.65	39.35	42.70	50.65	.....	52.25	47.70	44.15	41.20
Eom	38.10	36.10	37.15	38.00	39.65	43.90	52.25	.....	52.15	47.55	43.75	40.15
1969												
5	-39.90	-38.35	-36.55	-36.05	-37.15	-42.50	-50.00	-53.25	-56.70	-51.15	-47.20	-44.00
10	39.80	38.00	36.20	36.05	37.55	43.55	50.75	53.60	55.60	50.70	45.85	43.20
15	39.20	37.60	36.15	36.35	38.25	44.90	51.10	54.20	54.65	49.85	45.00	42.80
20	38.85	36.80	35.65	36.05	39.25	45.20	52.80	54.60	53.35	49.50	45.40	42.90
25	38.80	37.05	35.35	36.50	40.20	46.00	52.40	55.35	52.65	49.05	44.95	42.05
Eom	38.45	36.30	36.20	36.50	40.55	48.20	53.05	56.95	52.40	47.75	44.40	41.45
1970												
5	-41.55	-40.70	.....	-38.60	-38.35	-42.35	-46.75	-53.10	-59.00	.....	-49.15	-46.25
10	41.35	39.75	.....	38.20	38.65	43.05	47.85	54.85	59.30	.....	48.60	45.85
15	41.60	39.85	.....	37.55	39.70	44.25	48.35	56.40	57.90	.....	47.45	45.25
20	40.85	39.75	.....	38.00	40.05	44.70	49.15	57.95	57.65	.....	47.25	45.10
25	40.70	.....	.....	37.85	40.40	45.55	50.75	58.75	57.55	.....	46.95	44.15
Eom	40.85	.....	-38.35	38.20	41.45	46.10	51.95	59.95	57.60	-50.10	46.35	43.70
1971												
5	-43.60	.....	-41.60	-39.45	-40.55	-43.00	-51.40	-56.95	-59.05	-52.55	-49.00	-45.65
10	43.25	.....	40.45	39.55	40.80	43.65	53.55	57.00	58.55	51.65	48.30	45.00
15	42.90	.....	40.05	39.55	41.05	44.75	54.55	57.90	56.90	51.15	47.60	44.45
20	42.60	.....	39.95	39.25	40.90	46.40	56.10	57.25	56.15	50.60	46.95	44.15
25	41.95	-40.95	39.95	39.80	41.50	46.95	55.00	58.65	55.25	49.00	46.20	44.30
Eom	42.45	41.95	39.55	40.25	42.25	50.10	57.00	58.10	53.80	49.20	46.15	43.15
Lowest water level for the day, from recorder graph, 1972												
5	-43.55	-42.80	-40.55	-40.10	-40.00	-42.60	-47.40	-54.60	-60.35	-52.95	-48.10	-45.30
10	43.15	42.05	40.50	40.15	40.00	42.95	48.65	56.35	58.95	52.25	47.35	45.05
15	43.20	42.00	40.50	39.85	41.10	44.05	49.20	57.45	57.10	51.25	47.00	44.05
20	43.30	42.10	40.50	39.60	40.50	44.40	50.35	58.20	56.50	50.35	46.55	44.45
25	43.45	41.15	40.15	39.65	40.55	44.85	52.35	60.15	55.35	49.95	46.45	43.80
Eom	42.80	41.30	39.95	39.95	42.15	45.45	53.80	60.75	53.75	48.90	46.00	43.35

Average water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-59.4	-57.1	-55.3	-56.0	-53.4	-63.0	-73.0	-84.7	-89.1	-80.0	....	-64.2
10	56.8	56.8	54.8	56.3	67.8	74.8	87.8	87.8	87.8	87.8	....	....
15	59.2	56.0	....	57.4	61.8	64.7	76.8	87.9	83.7	81.4	....	61.6
20	59.1	56.1	....	60.8	62.4	66.4	80.5	88.6	83.0	80.3	-67.6	60.9
25	57.3	55.3	....	60.8	61.9	69.2	83.5	90.9	84.0	78.9	65.8	61.2
Eom	57.2	54.4	55.7	61.4	62.4	70.5	86.7	91.5	82.8	78.7	65.2	59.6

1969												
5	-59.5	-57.7	-55.1	-56.3	....	....	-80.7	-81.0	-85.8	-76.2	-69.8	-65.7
10	59.0	56.7	....	56.3	....	....	80.2	82.3	82.7	....	67.8	65.2
15	58.6	56.5	....	57.1	....	-74.8	80.8	83.6	83.2	....	67.9	64.6
20	58.0	55.0	54.8	....	....	72.3	87.2	82.8	79.3	73.8	67.7	65.5
25	57.6	55.4	55.2	....	....	74.7	79.8	85.7	78.2	73.3	67.3	63.8
Eom	57.4	54.6	56.1	....	....	80.1	81.1	89.2	78.6	71.8	66.2	63.4

1970												
5	-63.8	-63.3	-60.5	-59.9	-61.3	-67.3	-74.3	-85.7	....	....	-72.8	-69.2
10	63.5	61.7	61.2	59.6	62.6	67.7	77.2	88.8	....	....	72.2	68.3
15	64.7	62.0	60.8	59.2	64.5	72.2	79.0	91.8	....	....	70.4	66.9
20	63.5	62.2	60.4	60.0	64.1	70.0	81.8	....	....	....	70.1	66.6
25	63.4	61.7	60.3	60.2	64.5	71.9	81.1	....	....	....	69.9	65.8
Eom	63.3	61.8	59.9	61.0	67.7	73.2	83.1	....	....	-74.3	69.0	64.8

1971											
5	-65.3	.....	.....	-60.73	.....	-66.3	-89.1	-92.6	.....	-85.4	.....
10	66.5	.....	.....	.....	-63.8	56.9	.....	.....	.....	85.5	.....
15	.....	.....	.....	.....	63.3	69.7	.....	.....	.....	84.9	-77.4
20	.....	-62.28	.....	.....	.....	73.1	.....	.....	.....	83.4	77.7
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.0	.....
Eom	.....	.....	.....	.....	66.9	.....	.....	.....	.....	.....	.....

Lowest water level for the day, from recorder graph, 1972												
5	.....	.....	-68.25	.....	-67.70	-74.10	-83.95	-92.90	-95.40	-81.00	-73.70	-69.25
10	.....	.....	69.50	.....	67.30	75.95	84.75	96.10	93.80	79.50	72.60	.....
15	.....	.....	.....	-68.00	68.40	76.25	84.70	97.75	90.00	78.60	71.65	.....
20	-73.00	.....	.....	68.10	67.85	77.25	87.95	98.75	87.60	77.20	71.25	.....
25	.....	.....	.....	67.85	69.00	76.55	93.00	.....	85.70	76.50	71.20	.....
Eom	.....	-69.50	.....	68.40	74.40	78.40	91.50	98.65	82.25	74.90	70.20	.....

405438N0740723.1. Local number 26.3.1.7.3. City of Garfield. North St., East Paterson. Drilled unused artesian well in Brunswick Shale of late Triassic age, cased with steel 0-30 extending 3 ft into sandstone of Triassic System, 30-353 open rock hole, diam 12 in, depth 353 ft. Lsd 65 ft above msl. MP top of casing, 1.63 ft above lsd. Highest water level 56.2 above msl, Mar. 8, 1926; lowest 18.1 below msl, Oct. 26, 27, 1957. Records available: 1926-72.

*Lowest water level for the day, above and below msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	...	-1.8	-2.4	+2.6	+0.2	...	...	...	...	...	...	...
10	...	1.9	3.7	3.3	-7	...	+4.95	...	...	...	...	...
15	...	2.1	3.3	3.4	...	...	...	...	...	...	-9.45	...
20	-0.1	...	3.5	2.5	...	...	...	...	...	...	...	...
25	1.4	...	-1.4	1.6	...	...	...	-1.41	...	...	...	...
Eom	1.7	...	+1.1	1.3	...	...	...	...	-7.42	...	...	...

A measurement of water level, above and below msl, from recorder graph, 1969									
5	.....		.....	.....	.....	-9.63	.....	.....	.....
10	.....	-9.37	.....	.....	-10.09	.....	.....	.....	.....
15	.....	-11.85	.....	.....	.....	.....	-11.67	.....	.....
20	.....	.....	-7.84	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	-5.35	.....	.....	.....	.....	.....	-14.77

1970											
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	-9.09	.....	.....	.....	-2.35	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	-16.97	.....	.....	.....
Eom	.....	.....	.....	.....	-10.02	.....	.....	.....	.....	.....	.....

1971										
5	***	***	***	***	***	-10.37	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***
15	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***
25	***	***	***	***	***	***	***	***	***	***
Eom	***	***	***	***	***	***	-13.30	***	***	***

405438N0740723.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5
10
15	+15.83	....	....	....	....	....	....	....
20	-2.61	....	....	....	....	....	....	....	....	....	....	....
25
Eom

* After May 10, 1968 each of the figures given does not represent the lowest water level.

Burlington County

394452N0742819.1. Local number 32.23.6.6.8. U.S. Geol. Survey. Penn State Forest. Drilled observation water-table well in Cohansay Sand of Miocene(?) and Pliocene(?) age, diam 6 in, depth 10 ft, cased with steel. Lsd 79 ft above msl. MP edge of 6-in coupling, 2.48 ft above lsd. Highest water level 79.11 above msl (flowing), several times, 1959-62; lowest 73.08 above msl, Dec. 11, 1965. Records available: 1936-72.

End-of-day water level, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+77.46	.....	+77.77	+77.49	+77.11	+77.48	+77.17	+77.61	+75.84	+74.59	+75.18	+77.43
10	77.26	.....	77.57	.....	76.90	77.17	76.91	77.25	75.67	74.89	76.06	76.95
15	.....	.....	77.86	.....	77.20	77.68	76.63	76.93	75.45	74.74	77.14	77.26
20	.....	.....	78.02	.....	76.94	77.44	77.13	76.66	75.25	75.49	77.20	77.40
25	.....	.....	77.90	.....	77.01	77.21	77.11	76.41	74.98	75.45	76.87	77.46
Eom	.....	.....	77.58	77.38	77.89	77.13	76.40	76.01	74.77	75.28	76.70	.....
1969												
5	.....	.....	.....	+77.63	+77.07	+76.48	+77.42	+78.19	+77.78	+76.64	+76.83	+76.86
10	.....	.....	.....	77.58	77.41	76.27	77.34	78.13	77.67	76.91	77.69	77.82
15	+76.74	.....	+77.91	77.28	76.96	76.16	77.06	78.19	77.26	76.70	77.41	77.81
20	76.81	.....	77.55	77.51	77.66	76.52	76.80	78.05	77.02	76.53	77.46	77.38
25	77.81	.....	78.04	77.60	77.23	77.98	77.59	77.53	76.85	76.50	77.11	77.65
Eom	.....	.....	77.53	77.28	76.75	77.18	78.27	77.21	76.67	76.41	77.01	77.39

1970												
5	+77.88	+77.89	.....	+77.99	+77.92	+77.10	+77.60	.....	.....	.....	.....	+76.45
10	77.78	77.30	+77.49	77.83	77.66	77.14	.....	.....	.....	.....	+75.54	76.30
15	77.64	.....	77.52	78.55	77.50	76.89	.....	.....	.....	.....	76.86	77.34
20	77.84	.....	77.95	78.37	77.89	77.18	.....	.....	+75.07	.....	76.93	77.61
25	77.69	.....	77.75	78.17	77.54	77.40	.....	.....	74.95	.....	76.68	77.14
Eom	77.65	.....	78.19	77.90	77.29	77.18	.....	.....	.....	.....	76.63	76.93

1971												
5	+77.88	+77.20	+78.08	+77.33	+77.15	+77.08	+75.73	+75.32	+76.64	.....	+77.62	+77.54
10	77.38	77.79	77.81	77.39	77.30	77.05	.....	75.03	76.32	.....	77.43	77.83
15	77.42	77.62	77.72	.....	77.04	76.81	.....	74.79	77.54	.....	77.25	77.59
20	77.07	77.68	77.63	.....	77.51	76.51	.....	74.64	77.13	.....	77.16	77.78
25	77.15	77.86	77.47	.....	77.30	76.24	.....	74.43	76.85	+77.71	77.99	77.45
Eom	77.06	78.01	78.28	.....	77.41	75.96	75.36	77.10	76.76	77.37	77.98	77.34

Lowest water level for the day, above msl, from recorder graph, 1972												
5	+77.75	+77.75	+77.95	+77.65	+77.80	....	+77.65	....	....	+76.05	+77.15	+77.90
10	77.85	77.45	77.65	77.70	78.10	....	77.40	....	....	77.15	77.95	78.25
15	77.75	77.75	78.10	77.75	....	....	77.10	....	+76.15	76.90	78.20	77.95
20	77.50	78.05	77.85	77.90	77.75	....	....	....	76.15	77.20	78.10	77.95
25	77.45	77.85	77.75	77.90	77.65	....	....	....	76.30	76.90	77.90	78.20
Eom	77.30	77.90	77.65	77.60	77.40	....	....	....	76.15	77.30	77.90	77.95

Lowest water level for the day, above msl, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+77.75	+77.75	+77.95	+77.65	+77.80	....	+77.65	....	....	+76.05	+77.15	+77.90
10	77.85	77.45	77.65	77.70	78.10	....	77.40	....	....	77.15	77.95	78.25
15	77.75	77.75	78.10	77.75	....	....	77.10	....	+76.15	76.90	78.20	77.95
20	77.50	78.05	77.85	77.90	77.75	....	....	....	76.15	77.20	78.10	77.90
25	77.45	77.85	77.75	77.90	77.65	....	....	....	76.30	76.90	77.90	78.20
Eom	77.30	77.90	77.65	77.60	77.40	....	....	....	76.15	77.30	77.90	77.95

Camden County

20581warsosho a. Jan 1 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972 10 31 1972

Camden County

395811N0750549.1. Local number 31.1.3.9.9. Cities Service Oil Co. Pettys Island. Drilled unused artesian well in sand of Haritan Formation of Late Cretaceous age, diam 8 in, depth 143 ft, cased with steel. Lsd 12 ft above msl. MP top of casing, 0.35 ft above lsd. Highest water level 5.6 above msl, Dec. 8, 1950; Mar. 11, 1952; lowest 4.8 below msl, Feb. 12, 1951. Records available: 1949-72. Reflects tidal fluctuations.

Lowest water level for the day, above and below msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-2.1	-0.7	-1.2	-1.1	-0.5	-0.2	-0.3	-0.5	-0.1	-1.4	-0.5	-0.9
10	...	1.3	.7	1.2	1.2	.5	.5	.4	.2	.4	.4	2.1
15	+2	1.5	...	.5	.5	.5	.5	...	.7	.6	...	1.5
20	-1.2	1.8	.4	.6	.5	.6	.6	.3	.6	.8	...	1.2
25	.8	1.4	1.2	.3	-.5	0.0	.7	.1	.4	.3	.8	2.3
Eom	.9	.8	.7	.3	+6	.1	.5	.6	.7	...	1.4	1.3
1969												
5	-1.9	-2.1	-1.0	-1.2	-0.9	-0.9	-0.5	-0.5	-0.7	-0.6	-0.7	-1.6
10	...	3.1	...	.6	.9	.7	.5	...	1.0	.7	.2	1.1
15	...	2.2	...	1.3	1.0	.9	.6	.9	.8	.9	.8	.7
20	.8	.9	.5	.5	.8	...	.9	1.1	.4	1.0	1.1	2.0
25	.5	.6	.3	.7	.6	...	.3	1.1	.6	1.3	1.3	1.1
Eom	1.0	.4	1.7	.9	1.0	1.0	.3	1.3	.7	.6	.7	1.0

1969												
5	-1.9	-2.1	-1.0	-1.2	-0.9	-0.9	-0.5	-0.5	-0.7	-0.6	-0.7	-1.6
10	...	3.1	...	.6	.9	.7	.5	...	1.0	.7	.2	1.1
15	...	2.2	...	1.3	1.0	.9	.6	.9	.8	.9	.8	.7
20	.8	.9	.5	.5	.8	...	.9	1.1	.4	1.0	1.1	2.0
25	.5	.6	.3	.7	1.0	...	.3	1.1	.6	1.3	1.3	1.1
Eom	1.0	.4	1.7	.9	1.6	1.0	.3	1.3	.7	.6	.7	1.0

395811N0750549.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-1.5	-2.0	-0.9	...	-0.9	-1.0	-0.9	...	...	-1.2	+0.6	-2.2
10	1.8	.7	1.2	...	1.1	1.0	.6	...	...	1.1	.2	1.5
15	...	1.2	...	...	1.0	1.1	.2	...	...	1.0	1.2	1.2
20	1.2	1.7	...	...	1.1	.5	.6	...	...	1.4	+8	1.4
25	1.3	1.7	1.4	...	1.0	.9	1.2	...	...	.8	-.6	1.4
Eom	2.1	1.6	1.2	-0.9	1.0	1.1	...	...	...	-.7	+1	1.8
1971												
5	-0.9	-1.7	-2.7	-1.6	-1.4	-1.4	-1.4	-1.2	-1.4	-0.5	-1.2	-1.5
10	1.4	2.4	2.4	1.6	1.4	1.2	1.6	1.3	1.4	...	1.0	.4
15	1.3	2.2	1.1	1.6	1.4	.5	1.3	1.3	.7	...	.8	1.0
20	1.9	1.8	.6	1.4	.9	1.2	1.6	1.3	.6	...	.9	1.1
25	1.7	1.2	1.9	1.4	1.0	1.2	1.3	1.5	1.2	...	1.2	2.0
Eom	2.1	.9	1.4	1.1	.9	1.3	1.2	1.3	.9	...	.8	1.7
1972												
5	-1.05	-2.65	-0.75	-1.30	-1.25	....	....	-1.35	-1.10	-1.00	-0.95	-0.90
10	1.00	2.55	2.20	1.50	.45	....	....	1.70	1.30	1.70	1.00	.40
15	1.45	1.15	1.00	1.20	.40	....	....	1.60	1.10	1.85	.10	1.00
20	1.60	2.60	1.20	.95	.60	....	-0.90	1.35	1.35	1.45	.50	1.49
25	1.25	1.45	1.35	.75	.50	....	.80	1.40	1.00	1.20	1.10	.05
Eom	1.80	1.30	.80	1.20	.45	....	1.05	1.50	.45	1.25	1.35	.45

Cape May County

385804N0745742.1. Local number 37.1.8.7.8. U.S. Geol. Survey (Well 3). Higbee Beach. Drilled observation artesian well in Cohansey Sand of Miocene(?) and Pliocene(?) age, diam 6 in, 0-52; 2 in, 52-250; depth 250 ft, cased with steel, screened 241-250. Lsd 6 ft above msl. MP recorder shelf, 2.84 ft above lsd. Highest water level 7.16 below msl, Dec. 21, 1965; lowest 25.05 below msl, Aug. 20, 1970. Records available: 1965-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-12.65	-14.10	-14.25	-10.80	-13.00	-14.45	-17.85	-19.80	-21.75	-17.05	-13.75	.....
10	13.30	14.00	13.40	11.40	13.25	16.55	17.90	20.15	20.90	15.35	13.05	.....
15	14.30	14.70	13.00	11.70	13.45	14.20	18.50	20.85	19.65	14.95	13.25	.....
20	14.30	14.50	11.35	11.30	14.00	15.75	18.10	21.25	18.15	14.40	13.45	.....
25	12.60	13.00	11.40	12.40	14.10	16.30	18.80	21.10	18.80	14.00	.....	-13.95
Eom	13.00	13.55	10.65	13.20	13.65	16.55	19.40	21.15	18.15	14.40	.....	13.20
1969												
5	-13.20	-13.55	-13.70	-13.60	-14.55	-18.15	-20.20	.....	-23.60	-19.55	-14.40	-15.75
10	12.90	13.75	13.40	13.80	14.40	16.95	20.10	.....	23.00	18.60	13.35	15.15
15	13.00	14.15	13.90	14.10	15.30	17.80	20.80	.....	21.25	17.20	13.40	14.50
20	13.25	13.20	13.60	12.55	16.00	16.90	21.75	.....	20.20	17.65	13.75	14.85
25	12.95	12.50	12.95	13.10	16.05	17.80	21.50	-22.80	20.75	16.45	15.05	14.90
Eom	13.55	12.70	13.00	13.80	16.80	19.85	.....	23.75	20.55	14.90	15.15	14.85
1970												
5	-15.30	-17.10	-15.55	-15.90	-14.45	-15.60	.....	-22.30	-24.85	-20.40	-14.80	-13.90
10	15.60	16.10	16.25	14.55	14.75	15.45	.....	22.85	24.50	19.55	14.45	14.60
15	16.70	15.60	15.80	12.90	15.00	16.95	.....	24.05	24.20	19.15	13.15	13.20
20	16.05	15.60	16.20	13.60	15.00	16.35	.....	25.05	24.20	19.20	13.15	12.65
25	16.55	15.55	16.05	13.75	15.10	16.40	.....	24.25	23.15	18.40	13.85	12.25
Eom	16.75	15.60	15.15	14.15	15.55	.....	-22.15	24.95	21.65	16.20	13.85	13.10
1971												
5	-12.80	-12.50	-12.30	-10.55	-12.50	.....	-18.85	-22.10	-22.30	-15.90	.....	-13.55
10	12.50	12.95	10.55	10.55	10.35	.....	21.10	23.20	21.40	.....	.....	12.95
15	11.95	12.70	10.55	10.55	10.35	.....	21.05	23.45	19.30	.....	.....	12.50
20	12.30	12.15	10.55	10.55	10.35	.....	21.85	23.50	18.60	.....	.....	12.50
25	11.95	10.55	10.55	10.55	10.35	.....	22.70	24.15	.....	.....	-13.50	13.10
Eom	13.20	10.80	11.55	14.25	10.55	.....	-18.50	22.30	22.15	16.55	.....	13.00
1972												
5	.....	-14.00	-14.65	-13.40	-12.55	-15.10	-17.50	-21.00	-21.10	-16.85	-14.20	-13.05
10	.....	14.00	14.95	13.65	12.30	16.10	16.95	21.20	19.65	16.80	13.65	12.75
15	.....	13.95	14.70	13.40	.....	16.30	16.95	20.75	18.35	16.05	13.50	11.85
20	.....	14.25	14.65	13.00	.....	15.95	17.65	20.90	17.80	15.95	13.50	13.15
25	-14.05	14.10	13.95	12.75	13.35	15.80	19.55	22.60	17.45	15.85	13.65	11.75
Eom	13.65	14.50	13.25	13.25	14.65	16.10	21.40	22.50	17.00	14.85	13.55	10.50

Essex County

404452N0742116.1. Local number 25.15.7.5.4. (Well 30). Commonwealth Water Co. About 0.3 mi north of Canoe Brook pumping station, near Chatham. Drilled unused artesian well in Wisconsin drift, diam 10 in, depth about 130 ft, cased with steel. Lsd 170.0 ft above msl. MP top of casing, 4.55 ft above lsd. Highest water level 162.8 above msl, Aug. 25, 1931; lowest 85.0 above msl, Aug. 25, 1971. Records available: 1925-72. Water levels affected by nearby pumping.

404452N0742116.1--Continued.

Lowest water level for the day, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+97.7	+129.4	+117.6	+124.8	....	....	+93.9	+92.9	+92.4	+99.3	+93.3	....
10	....	119.1	117.0	120.4	....	+95.0	93.9	92.8	92.6	101.7	93.3	+96.3
15	....	109.8	117.4	117.3	+98.2	94.5	93.5	92.5	95.5	101.1	92.9	95.4
20	....	109.3	124.4	110.4	99.9	95.0	94.1	92.7	95.7	97.1	93.6	94.0
25	....	121.1	128.8	....	97.7	94.7	93.2	92.4	96.4	95.7	95.1	93.6
Eom	126.9	123.3	129.7	....	95.3	94.1	93.2	92.7	96.2	93.4	97.5	93.0
1969												
5	+93.1	+99.1	+108.5	+102.7	+102.0	+92.1	+89.9	....	....	....	+90.4	....
10	93.3	100.7	109.9	102.4	....	91.2	89.9	....	....	....	90.2	....
15	93.2	....	108.2	101.4	....	90.5	90.2	....	....	....	90.0	....
20	92.9	....	105.5	100.7	....	90.6	....	....	....	....	89.9	....
25	92.3	106.9	103.4	109.2	....	90.5	91.6	....	+90.5	+90.1	89.7	+90.6
Eom	95.8	106.6	101.6	104.9	94.2	89.7	....	....	....	89.7	....	....
1970												
5	....	....	+100.1	+100.0	+98.8	+93.5	+88.3	+86.2	+85.9	+86.8	+86.1	....
10	....	....	96.9	99.8	98.5	92.7	87.8	86.1	85.9	86.1	....	....
15	....	....	97.8	100.8	95.7	91.7	87.4	85.8	85.7	86.0	....	....
20	+90.7	+92.6	98.6	102.5	96.2	91.3	87.2	86.3	85.5	85.4	....	....
25	90.6	94.8	99.3	101.8	96.0	89.2	86.9	85.7	86.5	85.8	....	....
Eom	90.6	97.3	100.7	98.4	93.8	88.5	86.6	85.6	87.0	85.9	....	+86.3
1971												
5	+86.6	+86.1	....	+103.8	+91.1	+88.1	....	+85.6	....	....	+90.4	....
10	86.5	85.9	....	102.2	90.4	87.5	....	85.3	....	....	90.7	....
15	86.4	86.3	118.7	99.0	89.5	87.1	....	85.6	....	....	90.5	+92.8
20	86.4	....	122.2	95.1	89.1	86.9	+85.4	85.3	....	....	91.4	95.6
25	86.2	....	123.3	92.8	88.7	86.6	85.6	85.0	+89.1	....	....	95.9
Eom	85.9	....	115.2	92.0	89.4	....	85.4	....	....	+90.5	....	89.8
1972												
5	....	....	....	+111.10	+98.95	+99.40	+118.50	+94.90	+92.35	+94.80	....	+99.05
10	....	....	....	105.45	98.85	....	....	93.70	91.30	94.55	....	102.35
15	....	....	....	102.40	98.70	....	....	92.95	91.60	95.70	....	104.25
20	....	....	+110.55	100.15	101.70	....	....	92.45	91.95	94.95	....	102.80
25	....	....	109.25	99.60	104.90	....	99.40	92.05	93.80	94.25	....	102.35
Eom	....	....	107.45	99.00	101.05	120.05	97.10	91.75	94.55	92.75	+99.65	....

404454N0742021.1. Local number 25.15.7.5.9. East Orange Water Dept. North side Canoe Brook below Parsonage Hill Rd. Drilled unused artesian well in Wisconsin drift, diam 6 in, depth about 64 ft, cased with steel. Lsd 182 ft above msl. MP top of casing, 0.87 ft above lsd. Highest water level 174.80 above msl, Oct. 25, 1927; lowest 116.25 above msl, Apr. 10, 1967. Records available: 1925-72.

Lowest water level for the day, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	+134.65	.....	.....	.....	.....	.....	.....	.....	+125.35	+125.25	+126.85
10	.....	132.80	.....	.....	.....	+126.25	+126.40	+124.60	.....	126.80	125.30	126.90
15	.....	.....	.....	+134.85	+125.85	127.40	.....	.....	.....	.....	124.70	126.80
20	.....	.....	+137.40	131.95	126.35	.....	.....	.....	.....	128.10	125.65	124.80
25	.....	.....	138.05	.....	.....	.....	.....	.....	+124.45	127.80	126.40	124.45
Eom	+133.60	.....	.....	.....	.....	.....	.....	134.20	124.65	124.70	126.90	124.35
1969												
5	+124.50	+125.60	+133.45	+132.20	+127.55	.....	+125.05	+126.45	+124.85	+123.25	+125.10	+129.75
10	126.55	130.15	.....	132.25	131.85	.....	122.85	125.80	123.70	123.15	125.05	130.20
15	126.40	128.85	133.65	132.40	132.15	.....	123.95	124.50	123.20	125.00	126.30	130.85
20	125.65	129.30	133.05	132.10	131.60	+124.15	123.10	126.00	124.75	.....	129.30	131.30
25	126.15	130.80	133.30	130.50	131.50	123.95	126.65	125.90	125.30	123.95	126.30	130.35
Eom	126.10	129.70	132.05	128.85	132.55	122.55	124.15	122.60	124.85	124.10	124.80	130.90
1970												
5	+129.65	+125.15	+133.85	.....	+139.55	+131.60	+130.75	+122.90	+122.55	.....	+124.75	+126.55
10	128.15	127.90	131.90	.....	139.75	129.15	126.85	123.35	123.75	.....	123.65	123.50
15	129.10	126.95	132.00	.....	134.45	129.80	125.40	121.30	122.05	.....	124.85	125.75
20	127.40	130.50	131.95	+136.40	134.05	130.50	124.40	122.25	123.25	.....	124.25	123.75
25	125.95	132.10	.....	137.05	131.95	128.85	124.35	122.45	.....	.....	123.75	123.75
Eom	125.50	131.85	.....	136.00	131.60	128.30	122.85	122.20	.....	.....	124.70	122.50
1971												
5	+123.35	+122.05	+130.80	+129.70	+127.25	+124.60	+122.85	+122.85	.....	+124.25	+125.45	+125.30
10	123.25	120.75	132.10	128.40	126.60	123.65	120.90	122.65	.....	124.75	126.30	126.90
15	123.55	120.90	133.35	128.75	126.30	123.65	121.95	124.25	.....	125.85	126.15	125.75
20	123.05	121.65	.....	126.95	125.40	123.25	122.65	122.75	.....	.....	126.80	126.35
25	122.35	124.85	.....	125.30	125.15	122.65	122.50	123.00	+124.35	.....	126.35	127.55
Eom	121.05	127.40	133.20	127.00	124.90	122.75	123.00	125.85	123.55	.....	126.05	126.90
1972												
5	+130.65	+131.85	.....	+133.90	+130.40	+129.00	+137.55	+125.05	+125.65	+129.15	+131.65	+133.20
10	132.35	132.45	.....	128.70	129.90	129.50	134.25	126.60	124.10	130.35	132.95	131.05
15	132.70	133.15	.....	127.25	129.75	127.55	128.20	125.10	124.60	133.65	134.50	131.55
20	133.80	.....	.....	126.15	132.70	128.40	126.80	124.05	124.85	132.95	133.85	132.35
25	131.85	.....	+135.60	126.50	132.20	134.10	126.80	123.90	129.30	129.75	134.95	134.35
Eom	132.05	.....	133.40	125.35	130.10	137.55	125.55	123.90	129.15	128.75	135.70	139.15

Gloucester County

39523N0750942.1. Local number 31.11.2.7.2. (Well 3). The Texas Co. Eagle Point, Westville. Drilled observation artesian well in Raritan and Magothy Formations of Late Cretaceous age, diam 8 to 6 in, depth 298 ft, cased with steel, 8-in 0-86, 6-in 86-245, screened 225-245, open hole 245-298, cased to rock. Lsd 22 ft above msl. MP top of casing, 1.96 ft above lsd. Highest water level 15.7 below msl, Nov. 25, 1950; lowest 65.30 below msl, June 28, 1963. Records available: 1949-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-45.2	-46.9	-41.6	-51.9	-51.3	....	-57.7	-53.0	-56.1	-44.4	-44.7	-51.4
10	45.3	43.8	39.0	49.6	55.6	-56.2	54.2	56.5	57.7	45.6	47.3	51.6
15	47.2	47.7	41.9	49.3	51.7	55.2	....	56.6	55.9	42.1	49.9	52.2
20	49.3	48.8	40.5	50.8	55.1	54.5	....	54.8	59.1	41.7	50.1	52.3
25	47.0	47.1	47.2	48.8	52.8	56.2	57.3	54.8	58.4	41.1	52.4	....
Eom	47.4	44.2	52.4	52.3	....	55.5	57.2	55.7	53.7	43.3	51.9	50.6

1969

5	....	-51.9	-49.7	-54.2	-57.8	-54.2	-50.7	-55.3	-50.9	-49.3	-45.7	....
10	-49.4	48.0	51.3	47.8	52.8	54.8	52.0	52.2	23.4	51.5	48.2	....
15	48.8	49.4	51.0	52.3	53.7	53.7	56.0	54.7	52.9	53.3	48.3	....
20	50.5	49.2	52.0	49.8	51.3	54.6	56.6	54.6	50.4	51.2	47.6	49.1
25	49.4	50.6	51.8	51.5	47.9	53.8	55.4	57.3	50.8	48.9	46.9	48.0
Eom	49.1	49.3	52.5	52.2	55.4	56.6	55.8	57.0	51.6	49.7	45.0	47.7

1970

5	-46.6	-49.1	-47.5	-46.5	-43.4	-46.9	-52.3	....	....	....	-50.1	-50.3
10	46.4	50.1	48.6	45.3	43.2	48.1	54.3	....	....	-47.7	52.6	51.0
15	50.5	48.2	....	41.1	43.9	45.4	56.7	....	....	51.5	52.6	49.6
20	49.2	49.4	....	39.8	50.5	45.2	55.5	....	....	51.8	52.5	48.3
25	47.9	49.6	....	41.9	51.2	50.6	....	....	....	51.5	52.6	47.7
Eom	49.1	49.1	46.8	41.7	53.4	53.5	....	....	....	49.3	52.6	49.6

1971

5	-50.6	-42.7	-48.9	-47.2	-51.4	-54.7	-49.2	-43.9	....	-39.3	-43.3	-45.0
10	48.1	40.5	50.2	49.7	52.6	55.3	50.1	....	....	39.6	42.2	44.6
15	50.6	43.6	49.5	51.1	52.9	50.5	47.2	....	....	40.0	44.7	45.0
20	49.2	46.4	47.4	52.4	55.2	54.8	45.9	....	-37.5	39.2	44.4	46.9
25	48.3	48.5	47.5	51.6	54.5	56.9	47.7	....	....	37.8	44.7	46.9
Eom	44.3	49.9	48.8	48.2	52.0	53.1	39.6	46.2	34.6	40.2	43.8	47.2

1972

5	-46.95	....	-45.05	-47.05	-43.00	-48.60	-44.90	-50.10	-49.85	-37.55	-30.95	-44.50
10	46.90	....	45.60	45.20	....	49.60	46.30	51.20	51.60	31.60	35.00	43.45
15	45.80	-48.00	....	44.95	....	47.75	46.05	49.45	47.70	28.75	31.50	42.10
20	47.55	49.35	....	46.75	....	46.15	47.80	50.55	37.75	27.85	36.50	44.85
25	....	47.95	43.40	45.85	....	44.40	49.50	54.75	36.10	27.95	42.70	45.65
Eom	....	48.30	47.20	45.10	47.30	45.70	50.45	49.55	35.50	28.55	45.55	45.60

e Estimated.

Middlesex County

402553N0742717.1. Local number 28.4.4.2.1. Robert D. Fisher. Hoeys Corner Rd. Dug observation water-table well in Farrington Sand Member of Raritan Formation of Late Cretaceous age, diam 4 1/4 ft, depth 21 ft, cased with concrete well blocks. Lsd 73 ft above msl. MP angle iron at bottom of doors of shelter, 1.70 ft above lsd. Highest water level 64.12 above msl, Apr. 26, 27, 1939; lowest dry, many times, 1963-65. Records available: 1936-72.

End-of-day water level, above msl, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+58.34	+58.51	+58.26	+58.90	+58.72	+59.68	+59.99	+59.21	+58.44	+57.65	+57.04	+57.00
10	58.38	58.52	58.19	58.96	58.64	59.76	59.88	59.11	58.32	57.55	57.14	56.84
15	58.69	59.48	58.23	58.98	58.59	60.06	59.75	58.93	58.20	57.42	57.02	56.92
20	58.52	58.46	58.46	58.92	58.54	60.15	59.62	58.81	58.07	57.35	56.95	56.92
25	58.53	58.37	58.69	58.96	58.46	60.15	59.53	58.76	57.89	57.28	56.88	56.90
Eom	58.48	58.36	58.83	58.81	59.63	60.10	59.34	58.55	57.77	57.14	56.83	56.91

1969

5	+56.93	+56.90	+56.83	+57.48	+57.95	+58.00	+57.54	+57.24	+57.20	+56.85	+56.52	+56.11
10	56.96	56.88	56.90	57.58	58.10	57.94	57.45	57.26	57.03	56.78	56.50	56.09
15	56.92	56.85	56.93	57.64	58.05	57.85	57.40	57.15	56.98	56.72	56.41	56.16
20	56.89	56.82	57.02	57.78	58.11	57.79	57.28	57.06	56.92	56.70	56.32	56.19
25	56.93	56.84	57.28	57.82	58.10	57.70	57.26	57.00	56.89	56.64	56.22	56.28
Eom	56.89	56.81	57.32	57.87	58.05	57.61	57.26	56.93	56.85	56.56	56.17	56.36

1970

5	+56.45	+56.90	+57.34	+57.87	+58.62	+58.62	+58.05	....	....	....	+56.20	+56.00
10	56.55	57.03	57.38	58.14	58.65	58.39	57.95	....	....	....	55.95	55.96
15	56.61	57.04	57.36	58.33	58.62	58.29	....	....	....	+56.31	56.16	55.94
20	56.67	57.18	57.34	58.45	58.66	58.25	....	....	....	56.18	56.00	56.00
25	56.69	57.28	57.33	58.52	58.59	58.23	....	....	....	56.14	55.99	56.01
Eom	56.79	57.30	57.42	58.54	58.48	58.13	....	....	....	56.03	56.00	56.03

1971

5	+56.15	+56.43	+57.02	+57.82	+58.18	+58.04	+57.61	+57.24	+58.04	+58.14	+57.77	+58.12
10	56.12	56.76	57.22	57.94	58.15	57.98	57.52	57.02	58.03	58.42	57.75	58.30
15	56.18	56.62	57.46	58.05	58.11	57.92	57.41	56.94	58.19	58.06	57.69	58.37
20	56.22	56.65	57.69	58.13	58.11	57.87	57.30	56.91	58.15	57.95	57.65	58.41
25	56.26	56.73	57.72	58.16	58.11	57.79	57.21	56.76	58.17	58.08	58.01	58.39
Eom	56.29	56.82	57.79	58.18	58.12	57.70	57.37	58.18	58.16	57.86	58.05	58.37

402553N0742717.1--Continued.

Lowest water level for the day, above msl, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+58.40	+58.25	+58.80	+59.70	+59.65	+60.60	+61.10	+60.50	+59.40	+58.35	+57.80	+58.80
10	58.40	58.15	58.95	59.70	59.90	60.50	61.05	60.30	59.15	58.45	58.30	59.15
15	58.25	58.35	59.25	59.65	60.10	60.40	61.25	60.15	59.00	58.25	58.50	59.20
20	58.25	58.35	59.35	59.60	60.25	60.45	61.00	59.95	58.85	58.10	58.50	59.40
25	58.20	58.45	59.60	59.60	60.45	61.05	60.85	59.75	58.65	57.95	58.65	59.60
Eom	58.15	58.60	59.65	59.50	60.55	61.15	60.65	59.55	58.15	57.90	58.75	59.70

402439N0742124.1. Local number 28.5.4.8.1. (Well 1). Duhernal Water System. About 4 mi east of traffic circle on Rte. 18 near Old Bridge. Drilled observation water-table well in Old Bridge Sand Member of Magothy Formation (previously reported Raritan Formation) of Late Cretaceous age, diam 6 in, depth 67 ft, cased with steel. Lsd 18.7 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 7.67 above msl, July 31, 1945; lowest 2.35 above msl, Sept. 11, 1954. Records available: 1938-72.

End-of-day water level, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+4.72	+4.74	+4.28	+5.10	+4.82	+5.69	+5.45	+4.80	+4.61	....	+3.94	+4.31
10	4.52	....	....	4.97	4.72	5.71	5.34	4.90	4.61	+4.23	4.13	4.17
15	....	4.51	4.50	5.04	4.77	5.84	5.21	4.79	4.51	....	....	4.18
20	4.82	4.39	4.84	4.96	4.71	5.83	5.08	4.68	....	4.10	4.31	4.18
25	4.87	....	....	4.93	4.63	5.74	5.04	4.74	4.42	4.12	4.28	4.22
Eom	4.85	4.43	5.25	4.89	5.35	5.65	4.88	4.63	4.34	3.98	4.18	4.13

1969												
5	+4.02	+3.94	+4.39	+4.54	+4.68	+4.53	+4.37	+4.68	+4.72	+4.69	....	+4.22
10	3.97	4.00	4.38	4.54	4.67	4.48	4.32	4.68	4.89	....	....	4.37
15	3.89	3.92	4.42	4.50	4.65	4.42	4.26	4.66	4.92	4.65	....	4.57
20	4.02	4.15	4.57	4.60	4.60	4.41	4.19	4.61	4.91	4.54	....	....
25	4.10	4.18	4.66	4.64	4.59	4.42	4.37	....	4.90	4.46	+4.33	4.72
Eom	4.03	4.24	4.56	4.62	4.55	4.41	4.66	4.44	4.83	4.41	4.29	4.86

1970												
5	+4.93	+4.98	+5.12	+5.28	+5.64	+5.21	+4.94	+4.54	+4.24	+4.02	+4.08	+4.16
10	5.01	5.15	5.13	5.66	5.50	5.14	4.83	4.48	4.17	3.96	4.07	4.08
15	4.93	5.13	4.96	5.73	5.35	5.03	4.73	4.41	4.21	4.01	4.32	4.22
20	4.96	5.17	4.84	5.73	5.35	5.04	4.70	4.39	4.16	3.90	....	4.28
25	4.89	5.11	4.95	5.74	5.36	5.07	4.61	4.39	4.10	3.91	....	4.35
Eom	4.84	5.05	4.97	5.59	5.22	4.99	4.57	4.30	4.06	4.00	....	4.35

1971												
5	+4.42	+4.33	+4.91	+5.23	+5.26	+5.00	+4.61	+4.45	+5.91	+5.91	+5.53	+6.08
10	4.44	4.61	4.98	5.28	5.22	4.99	4.53	4.49	5.83	5.72	5.45	....
15	4.46	4.69	5.13	5.32	5.15	4.99	4.49	4.47	6.06	5.71	5.39	6.04
20	4.40	4.58	5.17	5.37	5.24	4.93	4.42	4.49	6.04	5.64	5.42	5.85
25	4.40	4.75	5.17	5.42	5.28	4.86	4.36	4.42	5.93	....	5.51	....
Eom	4.35	4.85	5.25	5.42	5.15	4.71	4.37	5.82	5.84	....	5.76	5.60

Lowest water level for the day, above msl, from recorder graph, 1972												
5	+5.55	+5.35	+5.95	+6.05	+5.70	+6.15	+6.70	+5.90	+5.15	....	+4.65	+5.90
10	5.45	5.20	5.95	5.95	5.90	6.10	6.50	....	5.10	+4.80	5.10	5.95
15	....	5.40	6.15	6.00	6.15	5.95	6.50	....	....	4.70	5.55	6.10
20	5.30	5.65	6.25	5.95	6.35	5.95	6.30	....	....	4.60	5.85	6.15
25	5.30	5.70	6.20	5.85	6.40	6.65	6.10	....	....	4.70	6.00	6.40
Eom	5.25	5.85	6.25	5.80	6.30	6.75	6.00	....	....	4.60	5.90	6.35

402143N0741852.1. Local number 29.11.1.2.3. Joseph Morrell. Near Moerls Corner. Dug observation water-table well in Englishtown Formation of Late Cretaceous age, diam 17 in, depth 11 ft, cased with pre-cast concrete rings. Lsd 76 ft above msl. MP inner edge of concrete ring, 0.95 ft above lsd. Highest water level 75.58 above msl, Mar. 7, 1967; lowest 66.44 above msl, Oct. 6, 1957. Records available: 1923-72.

End-of-day water level, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+74.44	+74.51	+74.58	+74.38	+74.37	+74.38	+73.62	+73.21	+73.17	+71.62	+72.28	+74.69
10	74.43	74.42	74.47	74.37	74.20	.....	73.07	74.12	72.93	72.00	74.27	74.35
15	74.46	74.35	74.61	74.35	74.34	.....	72.55	73.25	73.07	71.87	74.36	74.58
20	74.57	74.30	74.64	74.31	74.38	.....	72.87	72.90	72.50	72.30	74.45	74.66
25	74.48	74.17	74.53	74.56	74.25	73.88	73.91	73.61	72.10	72.37	74.36	74.54
Eom	74.46	74.73	74.43	74.60	74.58	74.06	72.83	72.70	71.84	72.25	74.35	74.50

1969												
5	+74.24	+74.47	+74.74	+74.74	+74.16	+72.78	+72.44	+74.70	+74.43	+73.15	+74.08	+74.12
10	74.26	74.48	74.80	74.80	74.50	72.75	72.23	74.47	74.01	73.25	74.50	75.21
15	74.06	74.42	74.76	74.76	74.17	74.37	71.93	73.77	73.35	73.18	74.38	74.65
20	74.21	74.57	74.58	74.58	74.40	73.96	71.67	73.30	73.05	73.00	74.60	74.42
25	74.67	74.91	74.86	74.86	74.22	74.04	73.20	72.49	72.68	73.41	74.32	74.55
Eom	74.62	74.81	74.50	74.50	73.32	73.15	74.28	71.96	72.89	73.34	74.25	74.82

1970												
5	+74.50	+74.62	+74.57	+74.62	+74.42	+74.76	+73.18	+71.40	+71.37	+70.44	+71.44	+73.73
10	74.38	74.92	74.38	74.51	74.30	74.27	74.16	71.08	71.17	70.29	71.77	73.58
15	74.32	74.57	74.49	74.85	74.08	73.66	73.20	70.79	71.18	70.20	74.21	74.05
20	74.48	74.56	74.87	74.81	74.42	73.50	72.31	70.55	71.00	70.10	74.48	74.48
25	74.34	74.45	74.57	74.68	74.29	73.95	71.92	72.45	70.70	70.50	73.87	74.55
Eom	74.62	74.38	74.87	74.47	73.80	73.64	71.69	71.79	70.63	70.47	73.82	74.16

1971												
5	.....	.....	+74.82	.....	+74.09	+73.67	+71.61	+73.87	+73.90	+74.11	+74.54	.....
10	.....	.....	74.65	.....	74.36	73.05	71.62	72.87	73.61	74.80	74.56	.....
15	.....	.....	74.60	.....	74.12	73.79	71.32	72.92	74.60	74.43	74.50	.....
20	.....	.....	74.72	.....	74.27	73.00	71.18	73.53	74.53	74.27	74.46	.....
25	.....	+74.68	74.55	.....	74.02	72.41	70.94	72.80	74.37	74.74	74.90	+74.52
Eom	+74.52	74.72	74.41	+74.28	74.27	72.00	70.79	74.35	74.25	74.55	74.80	74.40

402143N0741852.1--Continued.

Lowest water level for the day, above msl, from recorder graph, 1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+74.35	.....	+74.70	+74.50	+74.60	+74.20	+74.70	+73.05	+73.30	+72.40	+74.45	+74.60
10	.....	.....	74.55	74.45	74.70	73.75	74.65	72.55	.....	74.20	74.70	74.80
15	.....	.....	74.75	74.50	74.75	73.50	74.60	72.25	.....	73.90	74.75	74.60
20	e74.45	.....	74.60	74.55	74.75	74.55	74.30	71.95	.....	74.40	74.70	74.65
25	e74.40	+74.60	74.55	74.60	74.35	74.70	73.75	71.70	72.15	74.10	74.55	74.70
Eom	74.35	74.70	74.50	74.45	74.10	74.70	73.35	73.65	72.45	74.45	74.60	74.60
e Estimated.												

e Estimated.

Monmouth County

402122N0741846.1. Local number 29.11.1.2.9. Walter Novak. Hillsboro Rd., about ½ mi southeast of Moeris Corner. Dug observation water-table well in Englishtown Formation of Late Cretaceous age, diam 4½ ft, depth 19 ft, cased with concrete well blocks. Lsd 110.0 ft above msl. MP inner edge of door frame, 1.86 ft above lsd. Highest water level 100.60 above msl, July 20, 1972; lowest 94.98 above msl, Jan. 1-3, 22, 1966. Records available: 1936-72.

End-of-day water level, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+97.83	+98.09	+97.95	+99.20	+98.75	+99.20	+99.18	+98.40	+97.83	+97.12	+96.60	+97.05
10	97.82	98.15	97.96	99.18	98.63	99.07	99.04	98.38	97.72	97.04	96.58	97.05
15	97.93	98.15	98.25	99.10	98.55	99.45	98.88	98.24	97.59	96.94	97.10	97.08
20	98.05	98.13	99.25	98.99	98.45	99.47	98.74	98.12	97.47	96.86	97.18	97.04
25	98.07	98.03	99.29	98.96	98.34	99.45	98.71	98.07	97.36	96.78	97.12	97.12
Eom	98.01	98.09	99.27	98.89	99.25	99.37	98.49	97.89	97.24	96.68	97.00	97.12

1969

5	+97.03	+96.83	+96.95	+97.77	+97.68	+97.46	+97.30	+97.80	+97.56	+96.95	+96.47	+96.40
10	96.96	96.78	97.08	97.78	97.72	97.72	97.23	97.89	97.49	96.88	96.53	96.51
15	96.87	96.76	97.19	97.75	97.64	97.64	97.15	97.79	97.35	96.79	96.54	96.99
20	96.79	96.74	97.61	97.74	97.63	97.63	97.06	97.63	97.22	96.72	96.52	97.07
25	96.81	96.74	97.74	97.79	97.70	97.70	97.10	97.47	97.12	96.64	96.47	97.10
Eom	96.80	96.86	97.75	97.74	97.55	97.55	97.47	97.30	97.04	96.53	96.45	97.27

1970

5	+97.40	+97.53	+98.10	+98.99	+99.26	+98.81	+98.26	+97.54	+97.04	+96.46	+96.14	+96.57
10	97.42	97.73	98.08	99.03	99.18	98.72	98.26	97.42	96.93	96.37	96.13	96.45
15	97.38	97.92	98.08	99.05	99.04	98.58	98.13	97.30	96.85	96.31	96.27	96.40
20	97.42	98.02	98.12	99.17	99.03	98.47	97.93	97.17	96.76	96.21	96.55	96.69
25	97.40	98.07	98.14	99.25	98.94	98.49	97.85	97.42	96.66	96.17	96.69	96.71
Eom	97.41	98.06	98.25	99.24	98.77	98.37	97.67	97.17	96.58	96.10	96.66	96.57

1971

5	+96.57	+96.52	.....	+97.46	+97.82	+97.64	+97.20	+97.27	+98.37	+98.48	+98.23	+99.00
10	96.70	96.63	.....	97.74	97.80	97.55	97.14	97.20	98.16	98.55	98.20	99.05
15	96.72	96.66	.....	97.89	97.72	97.60	97.07	97.11	98.73	98.45	98.11	99.05
20	96.68	96.65	.....	97.91	97.83	97.50	97.00	97.09	98.69	98.32	98.04	99.01
25	96.62	.....	.....	97.87	97.77	97.42	96.93	96.96	98.69	98.42	98.15	98.95
Eom	96.61	.....	+97.45	97.85	97.70	97.30	97.12	98.72	98.59	98.30	98.70	98.80

Lowest water level for the day, above msl, from recorder graph, 1972												
5	+98.80	+98.70	+99.50	+99.85	+99.50	+100.05	+100.25	+100.00	+98.90	+98.00	+97.90	+99.35
10	98.85	98.70	99.70	99.70	99.60	99.85	100.35	99.75	98.75	98.50	98.75	99.45
15	98.80	98.85	99.75	99.60	99.95	99.70	100.50	99.55	98.60	98.25	99.10	99.60
20	98.75	98.95	99.85	99.60	100.00	99.75	100.60	99.35	98.40	98.05	99.20	99.70
25	98.65	99.20	99.95	99.55	100.15	100.35	100.50	99.15	98.25	97.95	99.30	99.80
Eom	98.60	99.35	99.90	99.45	100.15	100.30	100.20	99.10	98.15	97.95	99.35	99.90

Ocean County

395714N0742234.1. Local number 32.4.6.5.1. Mrs. William Crammer. Whiting. Dug unused water-table well in Cohansey Sand of Miocene(?) and Pliocene(?) age, diam 8 in, depth 69 ft, slotted steel casing, gravel-packed. Lsd 179.00 ft above msl. MP top of casing, 0.95 ft above lsd. Highest water level 130.17 above msl, Sept. 28, 1958; lowest dry, November 1957 to February 1958, December 1965. Records available: 1952-72.

Lowest water level for the day, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+124.47	+124.64	+124.94	+125.16	+125.83	+126.00	+126.91	+127.47	+127.10	+126.62	+125.96	+125.46
10	124.43	124.72	124.97	.....	125.86	126.09	127.16	127.47	127.03	126.52	125.86	125.37
15	124.47	124.78	124.93	.....	125.89	126.22	127.30	127.43	126.95	126.43	125.75	125.33
20	124.46	124.83	125.00	.....	125.94	126.38	127.39	127.36	126.86	126.31	125.68	125.25
25	124.52	124.85	125.02	125.69	125.93	126.55	127.45	127.31	126.82	126.20	125.60	125.18
Eom	124.56	124.91	125.05	125.75	125.96	126.74	127.45	127.16	126.71	126.05	125.52	125.12
1969												
5	+125.06	+124.76	+124.50	+124.61	+125.13	+125.34	+125.26	+125.18	+126.07	+126.15	+125.93	+125.64
10	125.04	124.72	124.50	124.69	125.19	125.34	125.20	125.37	126.11	126.13	125.88	125.60
15	124.97	124.66	124.49	124.76	125.23	125.34	125.16	125.54	126.14	126.11	125.83	125.58
20	124.91	124.63	124.50	124.86	125.26	125.34	125.13	125.73	126.16	126.07	125.77	125.55
25	124.85	124.55	124.53	124.95	125.29	125.32	125.09	125.85	126.18	126.00	125.71	125.56
Eom	124.80	124.52	124.55	125.06	125.32	125.29	125.06	126.00	126.17	125.94	125.69	125.67

1969

5	+125.06	+124.76	+124.50	+124.61	+125.13	+125.34	+125.26	+125.18	+126.07	+126.15	+125.93	+125.64
10	125.04	124.72	124.50	124.69	125.19	125.34	125.20	125.37	126.11	126.13	125.88	125.60
15	124.97	124.66	124.49	124.76	125.23	125.34	125.16	125.54	126.14	126.11	125.83	125.58
20	124.91	124.63	124.50	124.86	125.26	125.34	125.13	125.73	126.16	126.07	125.77	125.55
25	124.85	124.55	124.53	124.95	125.29	125.32	125.09	125.85	126.18	126.00	125.71	125.56
Eom	124.80	124.52	124.55	125.06	125.32	125.29	125.06	126.00	126.17	125.94	125.69	125.67

395714N0742234.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+125.84	.....	+127.51	+127.58	+128.50	+129.35	+129.20	+128.73	.....	+127.29	+126.54	+125.85
10	126.11	.....	127.55	127.63	128.78	129.35	129.13	128.63	.....	127.17	126.39	125.75
15	126.42	.....	127.57	127.71	128.99	129.35	129.05	128.61	+127.79	127.05	126.29	125.65
20	126.68	.....	127.55	127.81	129.15	129.35	128.99	128.61	127.66	126.91	126.17	125.50
25	126.91	+127.48	127.61	127.99	129.25	129.28	128.89	128.61	127.54	126.81	126.05	125.45
Eom	.....	127.48	127.60	128.22	129.29	129.24	128.81	.....	127.42	126.63	125.95	125.30
1971												
5	+125.25	+124.85	+124.70	+125.05	+125.50	+125.80	+126.00	+125.80	+125.70	+126.00	+126.15	.....
10	125.15	124.80	124.70	125.15	125.60	125.85	126.00	125.80	125.75	.....	126.25	.....
15	125.10	124.80	124.75	125.25	125.65	125.90	126.00	125.75	.....	.....	126.35	.....
20	125.00	124.75	124.80	125.30	125.70	125.90	126.00	125.70	.....	.....	126.50	.....
25	124.95	124.75	124.90	125.40	125.75	125.95	125.95	125.70	125.95	126.10	126.65	+127.25
Eom	124.90	124.70	124.00	125.45	125.80	126.00	125.85	125.65	125.95	126.10	126.75	127.35
1972												
5	+127.50	+127.75	+127.85	+128.50	+128.95	+129.25	+129.50	+129.30	+128.90	+128.25	+127.70	+127.85
10	127.60	127.70	127.90	128.55	129.00	129.35	129.50	129.25	128.80	128.15	127.60	127.95
15	127.65	127.80	128.05	128.70	129.05	129.40	129.55	129.20	128.70	128.10	127.55	128.05
20	127.75	127.75	128.10	128.75	129.10	129.45	.....	129.15	128.60	128.00	127.55	128.20
25	127.80	127.75	128.25	128.85	129.15	129.45	129.45	129.05	128.50	127.90	127.60	128.35
Eom	127.80	127.80	128.35	128.90	129.20	129.50	129.40	129.00	128.40	127.80	127.70	128.50

Salem County

394236N0752721.1. Local number 30.22.9.7.3. (Penns Grove 24). State of New Jersey. About 1 mi east of Carneys Point. Drilled observation water-table well in sands of Raritan and Magothy Formations of Late Cretaceous age, diam 6 in, depth 51 ft, cased with steel, 5 1/2-in screen, 25/1,000 slot 46-51. Lsd 18 ft above msl. MP top of casing, 1.84 ft above lsd. Highest water level 7.83 above msl, June 14, 1947; lowest 8.56 below msl, Mar. 5, 1969. Records available: 1941-72.

End-of-day water level, above and below msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-0.65	-0.05	-0.18	-1.22	-0.50	-0.82	-0.82	-1.42	-2.76	-3.94	-5.63	-6.82
10	.66	.04	.33	1.31	.26	1.01	.98	1.57	2.94	4.20	5.84	6.97
15	.37	.09	.46	1.20	.04	.60	1.11	1.80	3.21	4.50	6.02	7.08
20	.09	.16	-.05	1.03	.20	.48	1.16	2.00	3.40	4.75	6.22	7.24
25	.02	-.01	+ .65	.87	.49	.48	1.18	2.19	3.55	5.06	6.43	7.38
Eom	.15	+ .14	-1.22	.80	.65	.70	1.27	2.55	3.75	5.40	6.65	7.50
1969												
5	-7.62	-8.19	-8.56	-8.30	-8.20	-7.78	-7.50	-7.85	-5.82	-4.85	-5.12	-5.76
10	7.74	8.26	8.55	8.26	8.18	7.77	7.46	6.55	5.50	4.85	5.24	5.78
15	7.87	8.32	8.54	8.25	8.07	7.74	7.40	6.35	5.26	4.93	5.37	5.89
20	7.97	8.38	8.50	8.23	7.92	7.70	7.35	6.15	5.15	4.89	5.47	5.96
25	8.05	8.50	8.42	8.20	7.81	7.62	7.32	6.07	5.00	5.05	5.57	5.95
Eom	8.12	8.52	8.35	8.20	7.80	7.55	7.15	5.99	4.91	5.12	5.63	5.75
1970												
5	-5.32	-4.59	-4.27	-4.00	-1.84	-1.25	-1.48	-2.28	-2.95	-4.11	-4.89	-5.03
10	4.94	4.40	4.27	3.34	1.74	1.35	1.69	2.26	3.19	4.27	4.77	5.02
15	4.76	4.38	4.31	3.02	1.71	1.52	1.92	2.45	3.43	4.45	4.74	5.04
20	4.61	4.43	4.29	2.66	1.50	1.54	2.16	2.55	3.60	4.65	4.77	4.97
25	4.52	4.32	4.33	2.31	1.39	1.21	2.30	2.70	3.79	4.68	4.71	4.85
Eom	4.56	4.40	4.35	2.07	1.31	1.31	2.33	2.79	3.94	4.85	5.04	4.70
1971												
5	-4.63	-3.88	-2.24	-1.45	-2.05	-2.77	-3.26	...	-4.45	-2.27	-0.95	-0.30
10	4.43	3.70	1.83	1.55	2.25	2.86	3.45	-4.26	4.38	2.11	.55	.15
15	4.28	3.21	1.43	1.44	2.37	2.92	3.60	4.40	3.93	1.87	.50	.33
20	4.14	2.88	1.21	1.55	2.45	2.90	3.80	4.54	3.07	1.55	.50	.36
25	4.00	2.75	1.25	1.70	2.61	3.02	3.93	4.75	2.64	1.25	.85	.27
Eom	3.97	2.55	1.25	1.90	2.72	3.13	...	4.58	2.40	1.19	.80	.11
Lowest water level for the day, from recorder graph, 1972												
5	-0.10	-0.95	-0.15	-1.25	-1.35	-1.25	-1.40	-0.45	-1.20	-2.45	-3.60	-3.20
10	.05	1.20	.40	1.15	1.30	1.00	1.35	.15	1.45	2.70	3.65	3.00
15	.25	1.25	.85	1.00	1.45	.75	1.25	.10	1.60	2.80	3.75	2.30
20	.30	1.40	.90	1.05	1.50	.55	1.15	.40	1.85	3.05	3.65	1.55
25	.55	1.05	1.20	1.25	1.50	.95	1.05	.65	2.05	3.15	3.50	1.10
Eom	.70	.70	1.30	1.35	1.55	1.35	.70	1.00	2.20	3.40	3.40	.45

394037N0751915.1. Local number 30.34.1.5.7. U.S. Geol. Survey. Point Airy. Drilled observation artesian well in Raritan Formation of Late Cretaceous age, diam 6 in O-550, 3 in 550-664, depth 672 ft, cased with steel, 4-in 20-slot screen 664-672, 2-7/8-in wood plug at 523 ft. Lsd 73.0 ft above msl. MP top of casing, 1.77 ft above lsd. Highest water level 5.58 below msl, Mar. 6, 1959; lowest 21.33 below msl, Sept. 13, 1966. Records available: 1959-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-16.60	-16.45	-16.00	-15.70	-15.90	-16.35	-16.60	-17.80	-19.05	-20.00	-19.45	-18.40
10	16.65	16.15	16.00	15.70	16.10	16.55	16.55	17.85	19.05	20.00	19.20	18.70
15	16.45	16.10	16.15	15.65	16.15	16.45	16.75	18.10	19.25	20.10	19.05	18.20
20	16.65	16.00	15.70	15.80	16.15	16.50	17.00	18.40	19.45	19.90	18.90	18.25
25	16.50	16.15	15.70	15.70	16.35	16.50	17.30	18.65	19.50	19.75	18.80	18.25
Eom	16.60	16.10	15.65	15.75	16.20	16.55	17.65	18.85	19.80	19.75	18.85	18.05

394037N0751915.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	-18.05	-17.70	.....	.....	-17.75	-18.75	.....	.....	.....	-19.35	-18.50	-18.10
10	17.90	17.70	.....	.....	17.80	18.90	.....	.....	-19.70	19.20	18.35	18.00
15	17.90	17.70	.....	-17.80	18.05	.....	.....	.....	19.70	19.15	18.40	17.75
20	18.00	17.80	.....	17.70	18.25	.....	.....	-19.60	19.70	19.05	18.30	17.85
25	17.85	17.60	.....	17.60	18.30	.....	.....	.....	19.35	19.00	18.35	17.85
Eom	17.85	17.70	.....	17.75	18.60	.....	.....	.....	19.40	18.80	18.05	17.45
1970												
5	-17.50	-17.55	-17.15	-16.95	-16.75	-17.70	-17.95	-18.55	-19.85	-20.25	-19.05	-18.75
10	17.30	17.30	17.15	16.80	16.90	17.80	18.05	18.75	20.00	20.15	19.25	18.70
15	17.35	17.35	17.15	16.70	17.30	18.15	18.20	19.05	20.10	20.00	19.00	18.70
20	17.30	17.40	17.20	16.75	17.30	18.05	18.30	19.20	20.35	20.05	18.95	18.55
25	17.30	17.20	17.05	16.65	17.45	18.00	18.40	19.50	20.35	19.55	18.95	18.45
Eom	17.40	17.40	17.00	16.80	17.60	18.00	18.40	19.70	20.30	19.55	18.85	18.45
1971												
5	-18.30	-18.25	-17.95	-18.05	-17.90	-17.95	-19.00	.....	-20.75	-19.70	-19.10	-18.65
10	18.30	18.00	.....	17.95	17.90	18.10	.....	-20.30	20.65	19.55	18.95	18.35
15	18.20	.....	.....	17.85	17.95	18.20	.....	20.45	20.25	19.45	19.00	18.25
20	18.35	.....	.....	17.85	17.85	18.20	.....	.....	20.20	19.50	18.65	18.20
25	18.25	.....	.....	17.90	17.85	18.45	.....	20.90	20.30	19.10	18.55	18.25
Eom	18.20	.....	17.95	17.90	17.80	18.70	.....	20.70	19.85	19.15	18.50	18.10
1972												
5	-17.85	-17.70	-17.45	-17.55	-17.60	-17.65	-17.75	-18.55	-19.20	-19.45	-19.35	-18.65
10	17.70	17.80	17.70	17.55	17.60	17.80	17.75	18.70	19.35	19.45	19.10	18.50
15	17.90	17.45	17.40	17.50	17.45	17.80	17.65	18.80	19.25	19.30	19.10	18.55
20	17.80	17.55	17.60	17.50	17.55	17.85	17.80	18.90	19.40	19.50	18.90	18.40
25	17.80	17.50	17.40	17.45	17.85	17.60	18.15	19.20	19.40	19.35	18.85	18.35
Eom	17.75	17.45	17.45	17.65	17.70	17.50	18.40	19.30	19.20	19.45	18.85	18.30

Union County

404106N0741719.1. Local number 26.21.5.4.6. Union County Park Commission. Galloping Hill Golf Course near Kenilworth. Drilled unused artesian well in Brunswick Shale of Late Triassic age, diam 6 in, depth 290 ft, cased with steel. Led 69.00 ft above msl. MP top of casing, 1.65 ft above lsd. Highest water level 65.94 above msl, June 2, 1952; lowest 52.95 above msl, June 29, 1966. Records available: 1943-72.

End-of-day water level, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+59.12	+59.68	+58.93	+59.22	+59.51	+60.63	+61.09	+59.79	+59.39	+58.84	+58.55	.....
10	58.97	59.29	59.32	59.23	58.65	60.50	60.91	59.47	59.22	58.50	59.10	.....
15	59.65	58.95	58.90	59.84	58.78	60.62	60.60	59.02	59.41	58.60	58.88	.....
20	59.47	59.03	59.59	59.07	59.06	60.34	60.17	59.32	58.75	59.20	59.08	.....
25	59.08	59.66	60.02	58.99	58.73	60.35	59.63	59.74	58.88	58.64	59.53	+59.75
Eom	58.95	58.82	60.22	59.15	60.63	60.86	59.47	59.35	59.12	58.50	.....	.....
1969												
5	.....	+59.35	+59.33	+60.81	+60.07	+59.29	+59.75	+59.75	+60.15	+60.42	+59.44	+59.10
10	.....	59.44	59.86	59.85	60.27	59.17	59.11	60.29	60.21	59.50	59.68	59.44
15	.....	59.39	59.73	59.90	59.75	59.66	59.30	59.34	60.37	59.55	59.50	60.15
20	.....	58.90	59.23	60.56	59.90	58.76	59.82	59.49	60.31	59.69	59.18	60.00
25	+59.53	59.31	60.07	59.90	60.21	58.65	59.06	59.65	59.78	59.65	59.33	60.73
Eom	59.26	59.04	60.40	59.90	60.20	59.24	59.55	59.85	59.96	59.07	60.06	60.72
1970												
5	+60.99	+60.34	+60.56	+61.80	+60.87	+60.28	+60.31	+60.35	+59.13	+58.90	+58.76	+59.33
10	60.48	61.03	60.56	61.28	60.92	60.17	60.06	60.21	59.18	58.64	58.85	59.06
15	60.28	61.05	60.70	61.21	60.28	60.27	59.98	59.61	59.11	58.55	59.60	59.20
20	60.33	59.91	60.31	61.40	60.55	59.93	59.88	59.50	59.20	58.68	59.27	59.60
25	60.32	60.19	60.60	61.01	60.69	59.81	59.48	59.83	58.61	59.08	59.30	59.85
Eom	60.10	60.45	61.12	60.77	61.07	59.92	60.12	59.66	58.81	58.73	59.80	59.45
1971												
5	+59.80	+58.68	+60.13	+60.66	+60.25	+59.90	+59.91	.....	.....	+58.73	+60.54	+61.35
10	59.42	58.98	60.52	61.36	60.36	59.60	59.76	.....	.....	58.71	60.76	61.00
15	59.15	59.74	60.84	60.93	60.17	59.66	59.75	.....	.....	.....	60.90	61.05
20	58.48	59.55	60.74	60.86	60.15	59.65	59.58	.....	.....	.....	60.54	61.13
25	59.22	59.69	60.51	60.71	60.15	59.13	59.56	+59.12	+60.64	60.87	60.84	61.37
Eom	58.03	60.31	60.60	60.34	60.53	59.13	.....	.....	58.26	60.79	61.34	61.36
Lowest water level for the day, above msl, from recorder graph, 1972												
5	+61.70	+60.85	+61.90	+61.80	+61.25	+62.25	+63.05	+60.55	+60.60	+59.20	.....	+61.60
10	61.25	60.95	61.50	61.65	61.70	61.65	62.70	61.10	60.50	60.35	.....	61.95
15	.....	61.35	61.75	61.25	62.00	61.45	62.25	60.55	59.65	60.15	.....	61.75
20	.....	61.45	62.15	61.35	61.60	62.15	61.10	60.80	60.20	59.90	+61.60	61.65
25	60.15	61.05	61.70	61.65	61.90	62.40	61.35	59.80	60.40	59.35	61.85	62.55
Eom	61.15	61.60	61.55	61.30	62.20	62.00	61.20	59.80	59.95	60.20	60.90	62.50

404027N0741644.1. Local number 26.21.5.8.3. (Well 3). White Laboratories, Inc. Kenilworth. Drilled observation artesian well in Brunswick Shale of Late Triassic age, diam 6 in, depth 400 ft, cased with steel. Led 81.00 ft above msl. MP top of casing, 3.31 ft above lsd. Highest water level 74.69 above msl, Apr. 17, 1961; lowest 39.1 above msl, Mar. 7, 1952. Records available: 1952-72.

404027N0741644.1--Continued.

Lowest water level for the day, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	+65.7	....	....	+63.9	+61.1	+63.2	+58.0	+58.0	+59.1	+57.9	+58.6
10	....	67.1	....	....	60.2	60.1	60.1	57.5	57.6	58.0	59.8	59.9
15	....	....	....	....	60.8	60.8	60.2	57.7	57.8	58.1	58.5	60.0
20	....	....	+61.3	+61.6	61.4	60.0	59.5	58.0	57.7	59.2	58.5	58.9
25	+66.9	64.2	62.7	59.9	60.9	59.7	58.4	58.5	57.3	57.7	60.1	62.3
Eom	66.3	....	64.3	60.8	65.3	62.1	59.9	58.2	59.0	58.0	61.3	61.9
1969												
5	+63.6	+59.9	+60.6	+64.8	+59.3	+57.8	+58.7	+57.1	+57.3	+58.7	+57.1	+58.1
10	61.0	63.5	61.1	59.3	58.9	58.0	59.2	58.1	57.4	57.1	57.0	57.9
15	60.2	60.2	60.5	59.3	57.9	58.4	56.9	56.6	58.2	56.9	57.2	59.2
20	59.8	59.5	59.1	60.7	57.6	56.9	58.4	56.9	57.8	57.3	57.4	59.4
25	59.4	60.3	59.9	59.8	59.5	56.9	57.6	57.0	57.4	56.8	57.9	60.2
Eom	59.3	59.9	62.4	60.7	59.7	56.8	57.0	57.9	58.1	57.1	57.7	59.9
1970												
5	+59.9	+59.0	+60.2	+59.8	+57.8	+57.2	+56.8	....	+55.5	+55.4	....	....
10	59.6	60.0	59.8	58.1	58.6	57.0	56.1	....	55.5	55.6	+55.6	....
15	59.4	61.0	61.3	58.6	57.1	57.2	56.0	....	55.5	....	56.4	....
20	59.6	60.3	59.3	58.8	58.1	56.6	56.0	+55.5	55.3	55.6	....	....
25	60.6	59.2	59.2	58.4	58.4	56.5	....	55.8	....	....	....	....
Eom	59.0	60.1	60.0	57.5	59.4	56.6	....	55.6	55.3	....	....	+57.2
1971												
5	+58.00	+57.60	+58.40	+58.00	....	+57.40	+57.40	+57.40	+57.60	+58.00	+58.80	+61.50
10	59.60	57.30	58.90	58.90	....	57.00	56.00	56.90	56.60	58.80	59.20	59.70
15	57.50	57.90	59.30	57.50	....	56.80	56.30	57.70	57.50	58.10	59.70	60.00
20	57.60	58.00	59.10	57.20	....	57.50	56.70	56.70	58.40	58.60	59.20	60.50
25	57.50	57.90	58.20	....	....	56.00	58.00	56.60	58.20	59.70	59.50	63.80
Eom	59.40	58.90	58.20	....	....	56.00	57.10	57.40	58.00	59.50	60.20	60.80
1972												
5	+60.70	....	....	+49.90	+49.60	+60.70	+62.20	+49.70	+49.35	+57.90	+58.70	+60.70
10	61.25	....	....	60.55	60.65	49.60	61.35	49.00	60.10	49.30	57.95	62.80
15	60.35	....	....	49.40	60.55	40.50	60.30	49.00	58.25	49.95	58.35	60.85
20	49.50	....	....	40.50	60.35	49.75	49.40	60.60	57.95	58.20	63.25	61.10
25	49.15	....	+61.10	49.75	60.75	61.25	62.75	58.35	49.15	57.45	64.05	66.80
Eom	60.90	....	61.35	62.00	61.10	60.65	49.95	58.15	49.40	58.00	60.44	64.00

Warren County

405050N0750332.1. Local number 24.2.8.4.8. (Well 4). Hoffman La Roche Co. Belvidere. Drilled observation artesian and water-table well in Wisconsin drift, diam 8 in, depth 128 ft, cased with steel. Lad 290.0 ft above msl. MP top of shelf, 2.60 ft above lad. Highest water level 259.90 above msl, July 5, 1972; lowest 246.60 above msl, Nov. 20, 1965. Records available: 1960-72.

Lowest water level for the day, above msl, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	+251.50	+250.65	+250.75	+253.20	+251.80	+252.65	+252.45	+249.90	+248.75	+248.20	+247.80	+248.90
10	251.15	251.60	250.40	252.85	251.50	253.20	252.00	249.65	248.65	248.15	247.75	249.15
15	250.85	252.00	250.15	252.40	251.40	253.05	251.50	249.45	248.70	248.10	247.90	249.20
20	250.60	251.80	250.50	251.90	251.30	252.85	251.05	249.20	248.55	248.00	248.15	249.30
25	250.40	251.40	251.90	251.40	251.20	252.55	250.65	249.05	248.40	247.90	248.70	249.25
Eom	250.30	251.15	253.10	251.80	251.35	252.50	250.20	248.90	248.30	247.85	248.80	249.20
1969												
5	+249.25	+249.10	+248.70	+250.05	+251.75	.....	+248.90	+250.50	+251.50	+249.65	+248.80	+249.20
10	249.15	249.15	248.70	250.50	251.45	.....	248.70	252.75	251.10	249.45	248.90	249.15
15	248.95	249.00	248.65	250.65	251.15	.....	248.50	253.70	250.70	249.30	249.15	249.90
20	248.80	248.80	248.60	250.70	250.80	.....	248.40	253.40	250.35	249.15	249.10	251.00
25	248.75	248.70	248.95	250.90	250.55	.....	248.30	252.85	250.05	249.05	249.25	251.35
Eom	248.80	248.70	249.85	251.55	250.25	+249.15	249.10	252.05	249.80	248.90	249.30	251.35
1970												
5	+251.20	+250.15	+252.75	+253.25	+255.40	+251.85	+249.80	+248.95	+248.50	+248.05	+249.25	+251.65
10	250.95	251.55	252.35	256.50	254.60	251.40	249.60	248.90	248.40	247.95	249.25	251.30
15	250.70	252.75	251.90	257.50	253.80	250.95	249.40	248.80	248.30	247.90	249.50	251.00
20	250.50	253.50	251.50	257.30	253.15	250.55	249.30	248.70	248.25	247.95	250.55	250.75
25	250.30	253.40	251.25	256.75	252.75	250.25	249.20	248.65	248.20	248.30	251.50	250.75
Eom	250.05	253.15	251.70	256.15	252.30	250.00	249.05	248.55	248.10	249.05	251.80	250.70
1971												
5	+250.60	+250.30	+255.70	+255.85	+253.50	+251.80	+250.00	+249.00	+249.60	+251.45	+251.45	+252.75
10	250.80	250.10	256.30	256.60	252.95	251.55	249.75	249.20	249.80	251.15	252.65	253.60
15	251.05	250.30	256.80	255.55	252.60	251.30	249.50	249.00	249.90	251.25	253.10	254.45
20	251.00	251.80	257.05	255.30	252.70	250.90	249.35	248.90	250.55	251.45	252.95	254.70
25	250.80	253.20	256.90	254.75	252.45	250.60	249.15	248.75	251.35	251.35	252.50	254.25
Eom	250.50	254.15	256.35	254.10	252.05	250.30	249.00	249.10	251.65	251.20	252.20	253.65
1972												
5	+253.40	+252.65	+252.45	+255.65	+254.85	+254.95	+259.90	+253.40	+250.20	+248.85	+248.25	+253.15
10	253.20	252.30	253.60	255.10	254.75	256.00	258.95	255.65	249.85	251.75	258.65	255.55
15	253.15	252.10	254.00	254.60	254.70	255.65	257.75	252.05	249.60	248.65	249.60	254.60
20	253.30	252.15	254.35	254.75	254.50	255.10	256.50	251.50	249.45	248.50	251.05	255.25
25	253.30	252.05	255.55	255.25	254.30	256.15	255.45	251.00	249.25	248.40	252.15	255.30
Eom	253.00	251.90	256.10	255.25	253.85	259.25	254.25	250.55	249.05	248.30	252.85	255.75

NEW YORK

The observation-well program in New York was continued during 1968 through 1972 in cooperation with the New York State Department of Environmental Conservation, the Nassau County Department of Public Works, the Suffolk County Department of Environmental Control, and the Suffolk County Water Authority. Figure 10 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 number is a 2-part identifier which consists of the abbreviation of the county name, followed by the serial number assigned within each county.

Well Descriptions and Water-level Measurements

Water levels in the Upstate section of this report are in feet below land-surface datum, except those for local number 06 900, which are above land-surface datum. On Long Island, water-levels are referred to mean sea level (Sandy Hook datum). For wells whose water levels fluctuate above and below mean sea level, a plus or minus sign, as appropriate, is shown for the first measurement in each column and for the first and last measurement of a series above (+) or below (-) sea level.

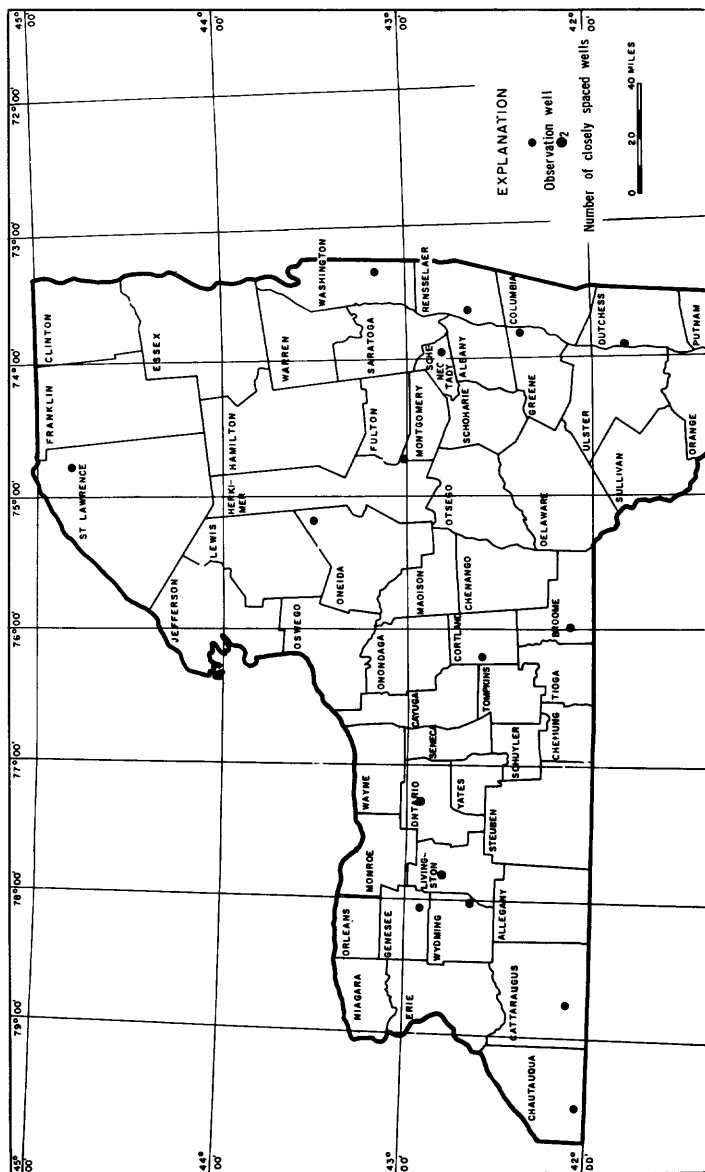
UPSTATE

Broome County

420657N0755835.1. Local number Bm 121. U.S. Geol. Survey. Camden and Main Sts., Johnson City. Drilled observation water-table well in glacial sand of Pleistocene age, diam 6 in, depth 53 ft (previously reported 51 ft; well cleaned Oct. 19, 1970, to original depth), cased to 53, open end. lsd about 835 ft above mal. MP top of casing, 3.17 ft above lsd. Highest water level 9.73 below lsd, Apr. 8, 1956; lowest 33.47 below lsd, Sept. 23, 1965. Records available: 1947-72. Water levels affected by floods of Susquehanna River, and by pumping (3 to 7 MGD) from nearby municipal supply wells (1,100 ft south).

Highest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	24.6	26.8	28.1	24.1	28.0	25.7	25.1	29.1	30.4	29.8	29.5	23.8
10	25.0	26.4	28.7	24.8	28.3	25.9	25.5	29.4	30.6	30.0	29.0	23.8
15	25.6	26.4	28.9	25.7	28.0	25.9	26.2	29.5	29.2	30.1	27.8	24.6
20	25.9	26.4	28.1	26.6	27.5	25.8	27.0	29.9	...	30.2	25.5	25.4
25	26.6	27.0	24.1	27.3	26.8	25.9	27.8	30.2	29.3	30.2	23.8	26.1
Eom	27.1	27.5	23.5	27.6	26.5	25.5	28.5	30.2	29.6	29.7	23.9	26.0
1969												
5	25.2	22.9	26.1	25.1	25.3	28.2	29.0	28.8	30.5	...	32.4	28.6
10	23.1	23.0	26.9	23.5	26.1	28.4	...	28.8	30.8	...	31.7	28.7
15	22.9	23.1	27.5	23.5	26.4	29.0	...	28.7	30.9	31.5	29.8	28.3
20	23.5	23.6	27.9	24.5	26.9	29.2	29.3	28.8	31.2	31.8	29.0	27.8
25	24.1	24.5	26.8	24.7	27.1	29.4	28.9	29.3	...	32.0	28.7	27.8
Eom	24.1	25.1	24.9	24.7	27.6	29.0	28.8	30.1	...	32.2	28.5	27.1
1970												
5	26.7	27.1	25.9	21.2	22.8	25.2	29.0	29.5	30.9	30.0	30.6	29.3
10	26.6	26.3	26.2	19.9	23.9	25.7	29.3	29.7	e31.0	30.6	30.7	29.3
15	26.7	25.6	26.4	19.2	25.1	26.6	29.8	30.2	31.1	30.8	e30.4	29.4
20	26.9	25.4	26.6	19.2	25.8	27.1	30.0	30.8	e30.7	30.4	29.7	29.2
25	27.1	25.5	26.8	20.2	25.6	27.4	29.3	31.2	30.5	30.5	29.2	29.6
Eom	27.3	25.6	26.1	21.0	24.9	28.3	29.4	31.4	30.3	30.7	29.2	29.9
1971												
5	30.2	31.7	25.7	25.8	25.2	27.9	30.6	30.0	30.7	31.4	31.8	...
10	30.2	31.8	26.0	...	25.4	28.4	30.6	30.0	30.9	31.5	31.6	29.8
15	30.5	30.7	26.5	23.2	25.7	29.0	30.6	30.3	31.0	31.5	31.6	...
20	31.1	...	...	23.2	26.1	29.5	30.6	30.5	31.1	31.5	31.9	28.4
25	31.3	28.3	...	23.9	26.6	30.0	30.6	30.7	31.1	31.7	...	...
Eom	e31.4	e27.1	26.1	24.8	27.3	30.4	30.4	30.7	31.1	31.8	...	28.7
1972												
5	28.4	29.6	25.6	23.0	22.3	24.3	19.8	25.2	27.0	28.0	28.0	23.5
10	29.0	29.5	25.1	23.8	21.2	24.3	21.3	25.3	e27.3	27.9	24.6	20.8
15	29.1	29.4	25.5	22.9	21.0	24.8	22.4	25.6	27.5	27.9	23.0	20.8
20	29.3	29.1	24.6	20.5	22.0	24.7	23.3	25.9	27.7	28.2	23.4	22.1
25	29.3	28.8	22.7	20.1	23.2	16.5	24.1	26.3	27.8	28.4	23.7	e21.6
Eom	29.6	28.9	23.3	21.7	24.5	18.5	25.0	26.7	27.9	28.5	23.1	21.9

e Estimated.



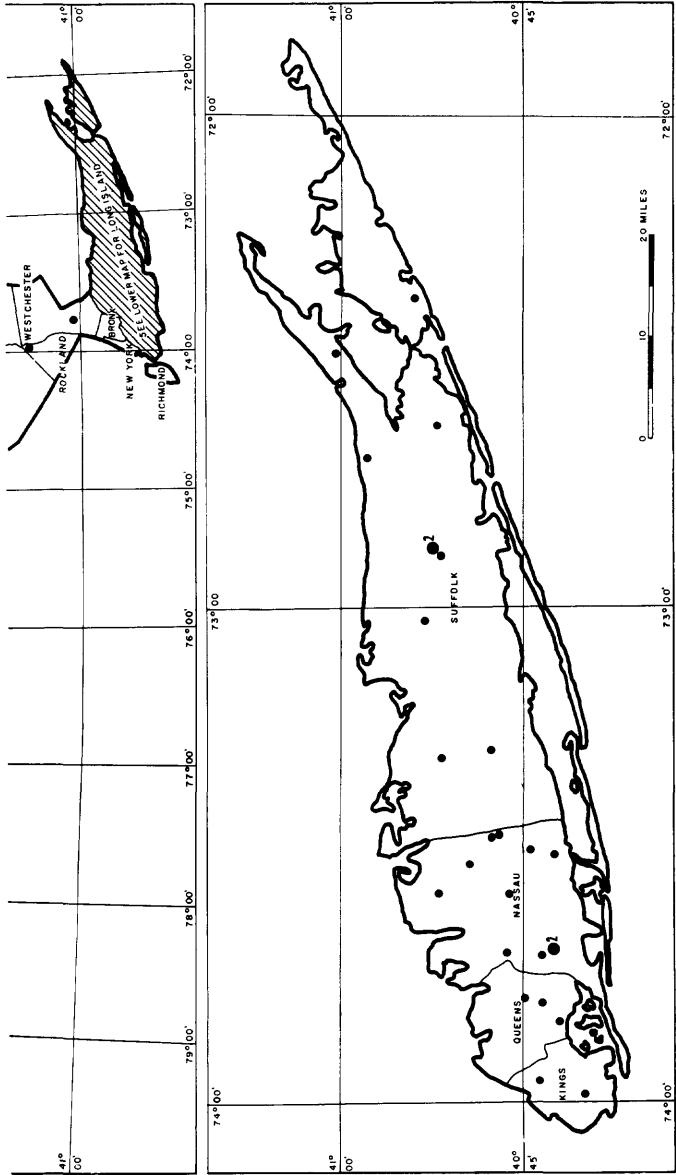


Figure 10.--Location of observation wells in New York, 1968-72.

Cattaraugus County

420530N0784452.1. Local number Ct 121. State Dept. of Environmental Conservation (previously reported State Dept. of Conservation). Near Red House. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 6 in, depth 53 ft, cased to 53, open end. Lsd about 1,470 ft above msl. KP top of casing, 0.30 ft above lsd. Highest water level 3.29 below lsd, Dec. 15, 1967 (previously reported 3.30 below lsd, Dec. 22, 1967); lowest 34.87 below lsd, Nov. 21, 1972. Records available: 1950-72. Unusually low water levels experienced since July 4, 1969. (Previous low was 13.23, Feb. 1, 1961.) Extreme low levels occur during late summer months, with lower than normal levels prevalent throughout the year. A source of nearby pumping has not been determined.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1968	4.00	Apr. 18, 1969	5.05	June 12, 1970	6.45	Aug. 27, 1971	27.64
12	4.80	25	4.46	19	8.32	Sept. 3	27.50
19	5.23	May 2	4.43	26	9.59	10	27.50
26	5.70	9	4.42	4	12.42	17	27.60
Feb. 2	5.02	16	5.50	10	13.23	24	29.00
9	4.73	23	4.52	17	13.93	Oct. 1	28.76
16	5.15	31	5.23	24	19.94	8	27.90
23	5.75	June 6	5.70	31	20.88	15	27.50
Mar. 1	6.19	16	6.45	Aug. 7	20.69	22	27.31
8	6.83	21	6.83	14	18.88	30	26.93
15	7.10	27	7.30	21	17.76	Nov. 12	27.00
22	6.82	July 4	11.77	28	17.97	19	25.91
29	5.50	11	11.79	Sept. 11	14.12	26	25.96
Apr. 7	4.91	18	12.44	18	12.04	3	24.33
12	4.69	28	12.63	Oct. 3	11.30	10	22.92
19	5.11	Aug. 1	13.01	9	8.98	17	21.94
26	5.80	8	17.64	16	9.55	24	21.35
May 3	6.00	15	19.20	23	7.02	31	20.50
8	6.42	22	16.63	30	14.73	Jan. 7, 1972	19.84
24	4.33	29	16.63	Nov. 6	16.45	14	19.55
31	4.47	Sept. 12	14.33	13	17.70	21	19.21
June 7	4.72	20	12.84	20	17.82	28	18.92
14	5.40	26	12.19	27	18.37	Feb. 4	18.74
21	5.80	Oct. 4	12.40	Dec. 4	18.49	11	19.06
July 5	7.12	11	12.18	11	18.75	18	18.86
12	7.97	17	12.08	18	18.71	25	19.50
19	8.70	24	11.40	25	18.68	Mar. 3	18.95
Aug. 2	10.55	31	10.91	Jan. 2, 1971	19.09	10	18.38
9	11.10	Nov. 7	10.40	8	19.38	17	22.50
16	11.42	14	9.76	15	19.65	24	23.36
23	11.09	21	9.05	22	20.48	31	24.41
30	10.98	28	8.88	29	18.67	Apr. 7	24.42
Sept. 6	10.54	Dec. 5	9.01	Feb. 5	20.22	14	24.18
20	10.31	12	7.98	16	17.56	21	24.28
27	10.24	17	7.41	19	19.84	28	24.20
Oct. 11	10.25	20	7.16	26	20.80	May 5	24.25
18	10.35	26	6.95	Mar. 5	20.66	12	24.28
25	10.28	Jan. 2, 1970	7.16	12	20.53	19	24.05
Nov. 1	10.00	9	7.31	19	20.05	23	23.93
15	9.10	16	7.80	26	19.92	26	24.11
22	8.27	23	7.51	2	19.75	June 2	25.00
29	7.41	30	7.41	9	19.22	9	26.22
Dec. 6	6.62	Feb. 6	8.19	16	18.78	15	27.41
13	6.29	13	7.01	23	18.75	25	28.24
20	6.05	20	6.71	30	18.98	30	28.30
27	5.93	27	6.29	May 7	18.90	July 7	28.44
Jan. 4, 1969	5.68	Mar. 6	6.16	14	18.74	14	27.03
10	6.01	13	5.85	21	17.83	21	28.34
17	6.37	20	6.65	28	20.53	28	24.43
24	6.00	27	6.10	4	19.52	Aug. 5	23.93
Feb. 7	5.63	Apr. 3	5.62	11	20.55	11	25.72
14	5.48	10	5.10	18	23.98	18	29.21
21	5.90	17	5.70	25	23.82	25	30.85
Mar. 7	6.35	21	13.41	July 2	24.08	Sept. 1	31.60
14	6.80	24	9.46	9	23.37	8	32.04
28	7.07	May 1	4.00	16	25.97	15	32.06
Apr. 4	6.00	8	5.91	23	24.24	Nov. 21	34.87
11	6.83	15	5.87	30	24.48	Dec. 18	23.65
18	6.17	22	5.42	Aug. 6	25.03	22	22.83
25	5.50	29	5.50	20	26.52	29	22.03
June 11	5.50	June 5	5.76				

Chautauque County

420326N0792958.1. Local number Cu 5. State Dept. of Environmental Conservation (previously reported State Dept. of Conservation). Near Panama. Dug unused water-table well in glacial till of Pleistocene age, diam 36 in, depth 33 ft, stone-lined. Lsd about 1,750 ft above msl. KP top of 0.25-in steel-plate well cover, inside shelter door, 0.44 ft below lsd (since Nov. 11, 1971). Highest water level 0.95 below lsd, Dec. 26, 1968; lowest 9.41 below lsd, May 24, 1949. Records available: 1949-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1968	3.0	Mar. 21, 1968	2.3	May 30, 1968	2.8	Aug. 15, 1968	4.1
11	3.1	28	2.33	June 6	3.0	22	4.2
18	3.2	Apr. 4	2.0	13	3.4	29	3.7
25	3.4	11	2.8	20	3.8	Sept. 5	3.6
Feb. 1	2.4	18	2.9	27	3.4	12	3.8
8	2.5	May 25	3.0	4	3.3	19	3.9
15	3.0	2	3.2	11	3.4	26	3.7
22	3.2	7	4.13	18	3.6	Oct. 3	3.3
29	3.4	9	3.4	25	3.8	10	2.8
Mar. 7	3.4	16	2.8	Aug. 1	3.9	17	1.2
14	3.2	23	2.8	8	4.0	24	2.0

420326N0792958.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 31, 1968	2.8	Nov. 27, 1969	2.6	Dec. 10, 1970	2.1	Dec. 23, 1971	2.15
Nov. 7	2.8	Dec. 4	2.4	17	2.4	30	2.2
14	2.6	11	2.2	24	2.8	Jan. 6, 1972	2.3
21	2.4	16	2.49	31	2.8	13	2.25
28	2.2	18	2.2	Jan. 7, 1971	2.95	20	2.2
Dec. 5	2.0	25	2.2	14	2.9	27	2.2
12	2.0	Jan. 1, 1970	2.2	21	2.84	Feb. 3	2.05
19	1.8	8	2.3	28	2.8	10	2.1
26	.95	15	2.4	Feb. 4	2.9	17	2.15
Jan. 2, 1969	3.2	22	2.4	11	2.85	24	2.1
9	3.2	29	2.4	18	2.95	Mar. 2	1.9
16	3.3	Feb. 5	2.4	25	3.0	9	2.0
23	2.2	12	2.3	4	2.9	16	1.9
30	2.4	19	2.2	Mar. 11	2.85	23	2.00
Feb. 6	2.4	26	2.2	18	2.4	30	2.1
13	2.6	Mar. 5	1.6	25	2.0	Apr. 6	2.35
20	2.8	12	1.6	Apr. 1	1.75	13	2.45
27	3.0	19	1.8	8	1.8	20	2.5
Mar. 6	3.2	26	2.0	15	2.0	27	2.45
13	3.2	Apr. 2	2.2	22	2.1	May 4	2.4
20	3.0	9	2.0	29	1.9	11	2.45
27	2.8	16	1.8	May 6	2.0	18	2.5
Apr. 3	2.6	21	2.53	13	1.9	24	3.08
10	2.6	23	1.9	20	2.2	25	2.55
17	2.4	30	2.1	27	2.6	June 1	2.4
24	2.4	May 7	2.2	June 3	2.8	8	2.45
May 1	2.7	14	2.2	10	2.85	15	2.40
8	2.8	21	2.1	15	2.69	22	2.25
15	2.9	28	2.1	17	2.8	29	2.15
22	3.0	June 4	2.2	24	2.85	July 6	2.40
29	3.2	11	2.3	July 1	3.0	13	2.50
June 5	3.0	18	2.4	8	3.1	20	3.00
12	3.0	25	2.4	15	3.15	27	3.05
19	3.2	July 2	2.50	22	3.5	Aug. 3	3.00
26	2.8	9	2.5	29	3.2	10	3.10
July 3	2.7	16	2.6	Aug. 5	3.4	17	3.15
10	2.8	23	2.6	12	3.45	24	3.20
17	2.9	30	2.7	19	3.4	31	3.25
24	2.6	Aug. 6	2.7	26	3.3	Sept. 7	3.30
31	2.8	13	2.8	Sept. 2	3.4	14	3.20
Aug. 7	3.0	20	2.7	9	3.35	21	3.15
14	3.2	27	2.6	16	2.75	28	3.00
21	3.1	Sept. 3	2.6	23	2.7	Oct. 5	2.90
28	3.2	10	2.6	30	2.7	12	2.85
Sept. 4	3.3	17	2.5	Oct. 7	2.4	19	2.80
11	3.4	24	2.4	14	2.45	26	2.75
18	3.4	Oct. 1	2.3	21	2.5	Nov. 2	2.70
25	3.2	8	2.1	28	2.55	9	2.65
Oct. 2	2.9	15	1.8	Nov. 2	2.45	16	2.60
9	2.8	22	1.8	11	2.29	23	2.55
16	2.8	29	1.7	18	2.35	30	2.50
23	2.7	Nov. 5	1.7	19	2.3	Dec. 7	2.50
30	2.6	12	1.8	26	2.2	14	2.45
Nov. 6	2.4	19	1.8	Dec. 2	2.15	21	2.40
13	2.4	26	2.0	9	2.0	28	2.40
20	2.6	Dec. 3	2.0	16	2.2		

Cortland County

423539N0761148.1. Local number C 19. City of Cortland. Broadway, Cortland. Dug unused water-table well in glacial gravel of Pleistocene age, diam 6 in, depth 13 ft, cased to 13, open end. Lsd about 1,140 ft above msl. MP top inner step of flange, 2.45 ft below lsd. Highest water level 2.98 below lsd, Apr. 5, 1947; lowest 11.37 below lsd, Nov. 13, 1971. Records available: 1947-72. Water levels affected by pumping from nearby municipal supply wells and by stage of nearby stream.

Jan. 6, 1968	5.23	July 13, 1968	5.56	Jan. 19, 1969	5.24	Aug. 2, 1969	6.72
13	5.34	20	5.85	25	5.05	9	6.80
19	5.37	27	6.12	Feb. 1	4.53	16	7.06
Feb. 3	4.90	Aug. 10	6.52	7	4.85	23	7.35
10	5.09	17	6.59	22	5.35	Sept. 3	8.34
17	5.23	24	6.71	28	5.38	13	8.47
25	5.47	31	6.75	Mar. 8	5.62	20	8.75
Mar. 2	5.62	Sept. 7	6.97	15	5.65	27	8.73
9	5.88	14	6.77	22	5.40	Oct. 11	9.03
16	5.75	21	6.95	29	5.28	18	9.17
23	4.93	28	7.15	Apr. 4	5.35	25	9.24
30	4.80	Oct. 5	7.39	12	5.13	Nov. 1	9.35
Apr. 6	4.83	12	7.55	19	5.13	8	9.03
13	4.97	19	7.89	May 2	5.39	15	8.05
20	5.09	26	7.47	10	5.32	22	7.54
27	5.31	Nov. 2	7.40	17	5.51	29	7.31
May 4	6.34	9	6.90	24	5.52	Dec. 6	7.25
11	5.55	16	6.20	31	5.64	13	6.20
25	5.58	23	4.80	June 7	5.70	20	6.14
June 1	5.05	30	4.64	14	5.94	Jan. 3, 1970	5.35
8	4.43	Dec. 7	4.55	21	5.93	10	5.40
15	6.31	13	3.71	28	5.60	17	5.74
22	5.45	21	4.95	July 12	5.78	Feb. 7	5.41
29	5.35	28	4.79	19	6.02	14	5.26
July 6	5.49	Jan. 11, 1969	5.05	26	6.34	21	5.05

423539N0761148.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 28, 1970	5.16	Nov. 21, 1970	5.11	Aug. 7, 1971	7.12	May 6, 1972	4.95
Mar. 7	5.02	28	5.16	14	7.85	13	4.55
15	5.03	Dec. 5	5.23	21	8.39	25	5.05
21	5.04	12	5.34	28	8.44	27	5.14
Apr. 4	4.01	19	5.35	Sept. 4	8.60	June 3	5.42
11	4.05	26	5.33	18	9.25	10	4.95
18	4.42	Jan. 2, 1971	5.39	25	9.32	17	4.75
25	4.52	9	5.34	Oct. 2	9.54	24	3.53
May 2	4.94	16	5.42	9	9.74	July 1	4.52
9	5.09	23	5.48	16	10.01	8	5.00
16	5.29	30	5.78	23	10.34	15	5.25
23	5.35	Feb. 6	5.65	30	10.84	22	5.45
30	5.45	14	5.53	Nov. 6	11.07	29	5.70
June 12	5.50	20	5.53	13	11.37	Aug. 8	5.53
20	5.80	27	5.31	20	11.28	12	5.88
27	6.00	Mar. 6	4.74	27	11.27	19	5.95
July 4	6.07	20	4.45	Dec. 4	10.95	26	6.45
11	6.45	7	4.80	11	9.90	Sept. 2	6.55
18	5.72	Apr. 3	4.60	18	8.52	9	7.05
25	6.04	10	4.36	25	7.68	16	7.37
Aug. 1	6.05	17	4.68	Jan. 8, 1972	6.68	30	7.77
8	6.30	24	4.90	15	5.56	Oct. 14	8.17
15	6.67	May 1	4.95	22	5.34	31	8.32
22	6.93	8	4.97	29	5.30	Nov. 10	6.44
29	7.20	22	5.44	Feb. 5	5.35	15	6.43
Sept. 12	7.50	29	5.63	12	5.60	20	5.75
19	7.51	June 5	5.87	26	5.97	25	5.82
26	7.51	13	6.05	Mar. 4	4.65	30	5.55
Oct. 3	7.43	19	6.23	11	4.85	Dec. 5	5.51
10	7.58	26	6.37	25	4.45	10	4.35
17	7.34	July 3	6.85	Apr. 1	4.50	15	4.44
24	6.98	10	6.65	8	4.70	20	4.62
31	6.79	17	6.89	15	4.52	25	4.58
Nov. 7	6.47	24	7.09	22	4.60	31	4.47
14	5.78	31	7.20	29	4.78		

Dutchess County

414737N0735633.1. Local number Du 321. U.S. National Park Service. Near Hyde Park. Drilled unused artesian well in shale of Ordovician age, diam 6 in, depth 128 ft, open hole. Lsd about 170 ft above msl. MP top of casing, 3.10 ft above lsd. Highest water level 65.62 below lsd, June 22, 1953; lowest 73.85 below lsd, Sept. 13, 1966. Records available: 1948-50, 1953-72. Water levels affected by earth tides (approximately 0.05 ft).

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	71.28	71.13	71.17	70.83	70.73	70.41	70.39	70.65	70.99	71.11	71.15	70.37
10	71.46	71.18	70.87	70.85	70.46	70.37	70.60	70.97	71.20	70.94	70.75	70.75
15	71.11	71.09	71.30	70.87	70.74	70.35	70.45	70.73	70.92	71.20	70.94	70.38
20	71.35	71.12	70.97	70.90	70.65	70.38	70.41	70.82	71.05	70.99	70.69	70.49
25	71.30	71.26	70.80	70.60	70.82	70.39	70.48	70.81	70.97	71.01	70.79	70.42
Eom	71.34	71.15	70.87	70.70	70.42	70.26	70.66	70.99	71.10	71.15	70.80	70.58
1969												
5	70.59	70.25	70.36	69.79	69.66	69.77	69.82	69.60	69.94	69.94	69.79	69.61
10	70.45	70.26	70.28	69.83	69.49	69.71	69.93	69.58	69.60	69.98	69.68	69.68
15	.....	70.50	70.44	69.90	69.74	69.67	69.92	69.78	69.89	69.97	69.67	69.44
20	70.65	70.50	70.27	69.67	69.65	69.61	70.00	69.65	69.97	70.02	69.67	69.51
25	70.44	70.41	69.86	69.55	69.66	69.71	69.96	69.79	69.77	70.18	69.73	69.61
Eom	70.42	70.46	70.04	69.69	69.59	69.79	69.81	69.95	69.93	70.22	69.58	69.50
1970												
5	69.58	69.40	68.98	68.37	68.17	68.20	68.59	69.18	69.55	.....	e69.55	.....
10	69.51	69.16	68.90	68.22	68.16	68.33	68.83	69.33	69.66	.....	.....	69.69
15	69.62	69.21	68.88	68.28	68.27	68.48	68.92	e69.39	69.74	.....	.....	69.68
20	69.57	69.05	69.03	68.19	68.11	68.34	68.94	.....	69.62	.....	.....	69.62
25	69.57	69.01	68.69	68.12	68.18	68.53	68.15	69.41	.....	.....	.....	69.59
Eom	69.55	69.11	68.79	68.10	.....	68.62	69.13	69.53	.....	.....	.....	69.72
1971												
5	69.73	e70.0	69.20	68.86	68.47	68.49	69.02	69.42	69.42	.....	.....	68.86
10	69.75	69.72	69.29	68.57	68.52	68.47	69.08	69.48	69.36	.....	.....	68.50
15	69.75	69.63	69.19	68.53	68.39	68.52	69.15	69.57	.....	.....	.....	68.45
20	69.75	69.78	68.93	68.55	68.44	68.71	e69.3	69.63	69.12	.....	.....	.....
25	e69.8	69.56	68.93	68.35	68.38	68.72	69.44	69.75	69.07	.....	.....	68.48
Eom	.....	69.47	68.80	68.48	68.42	e68.8	69.52	69.34	.....	.....	.....	68.25
1972												
5	68.82	.....	67.63	67.23	66.64	66.47	65.96	66.52	67.51	68.50	e68.58	68.20
10	e68.2	68.14	67.75	67.24	66.70	66.23	66.07	66.58	67.79	68.10	e68.44	.....
15	68.11	67.81	67.48	67.04	66.69	66.37	65.95	66.87	e67.89	.....	.....	.....
20	68.11	67.77	67.35	67.08	66.69	66.30	66.05	.....	68.10	e68.62	.....	.....
25	.....	.....	67.15	66.90	66.70	66.99	66.02	.....	.....	e68.49	.....	.....
Eom	.....	.....	67.24	66.98	66.72	66.00	66.40	67.34	68.39	.....	.....	.....

e Estimated.

Genesee County

425516N0780320.1. Local number Gs 2. Angeline C. Rignon. Formerly Paul Rignon. Near Pavilion. Dug unused water-table well in glacial till of Pleistocene age, diam 36 in, depth 21 ft, stone-lined. Lsd about 1,030 ft above msl. MP painted arrow on top edge of concrete well cover, inside shelter door, 1.12 ft above lsd (since Oct. 26, 1972). Highest water level 0.10 below lsd, May 14, 1960, Feb. 28, 1971; lowest 6.55 below lsd, Feb. 11, 1961. Records available: 1950-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	1.57	Apr. 12, 1969	0.77	July 18, 1970	2.81	Oct. 23, 1971	4.40
6	1.67	19	.40	25	3.00	30	4.02
13	1.87	26	.72	Aug. 1	3.13	Nov. 6	4.19
20	1.78	May 3	1.48	8	3.29	13	4.34
27	1.64	10	1.57	15	3.51	20	4.37
Feb. 3	.54	17	1.32	21	3.33	27	3.45
10	1.40	24	1.16	31	.71	Dec. 5	2.35
17	1.90	31	1.70	Sept. 5	1.22	15	.86
24	2.19	June 7	1.31	12	1.76	18	.94
Mar. 2	2.34	14	1.81	19	1.23	24	1.15
9	1.94	21	1.66	26	1.34	Jan. 3, 1972	.74
16	1.16	28	1.08	Oct. 3	1.15	7	.84
23	.39	July 5	1.56	10	1.35	17	1.22
30	.82	12	1.69	17	.56	22	.97
Apr. 6	.72	19	2.04	24	.70	29	1.27
13	1.52	25	2.30	31	.34	Feb. 5	1.41
20	1.94	Aug. 2	2.41	Nov. 7	.83	12	1.91
27	2.09	9	2.69	14	.32	19	1.46
May 4	2.10	15	2.84	21	.49	24	1.44
8	2.24	23	3.10	28	.28	Mar. 4	.22
11	2.09	29	3.35	Dec. 5	.42	11	(J)
18	1.97	Sept. 6	3.63	12	.53	18	.14
25	1.47	20	3.95	19	.43	25	.39
June 1	.94	27	4.08	26	.46	Apr. 1	.33
8	1.74	Oct. 4	4.00	28	.54	8	.53
15	2.10	11	4.37	Jan. 2, 1971	.83	15	.46
22	2.28	18	4.29	8	.84	24	.65
29	.81	25	4.30	16	1.23	May 1	1.29
July 6	1.69	Nov. 1	4.43	23	1.66	2	1.18
13	2.08	8	1.82	30	1.60	6	.67
20	2.31	15	.74	Feb. 1	1.70	13	.99
27	2.46	22	.90	6	1.59	20	1.23
Aug. 3	2.64	29	1.10	13	1.35	22	1.38
10	2.65	Dec. 6	1.14	19	.92	27	1.76
17	2.82	13	.67	28	.10	June 3	1.23
24	2.99	20	1.10	Mar. 6	.37	10	1.73
31	3.02	27	1.45	13	.43	17	1.81
Sept. 7	3.14	Jan. 3, 1970	1.61	20	.20	24	.46
14	3.18	10	1.71	27	.49	July 1	.55
21	3.38	17	1.80	Apr. 3	.34	8	1.14
28	3.54	24	1.65	10	.60	15	1.37
Oct. 5	3.56	Feb. 7	.48	17	.76	22	1.80
12	3.73	14	.91	24	1.24	29	2.10
21	2.69	21	.75	May 3	1.05	Aug. 8	1.97
26	2.68	28	.74	8	1.43	12	2.11
Nov. 2	2.52	Mar. 6	.92	15	1.08	19	2.04
8	1.36	14	.32	22	1.70	26	2.42
16	.52	23	.64	29	2.02	Sept. 5	2.91
23	.85	28	.36	June 5	2.11	9	3.08
30	.75	Apr. 4	.58	12	2.34	16	3.35
Dec. 7	.85	11	.48	19	2.59	23	3.61
14	.68	18	.97	26	2.79	30	3.01
28	.75	25	1.42	July 3	2.18	Oct. 7	1.55
Jan. 4, 1969	1.17	31	.90	10	2.56	14	1.65
11	1.51	May 1	.65	24	2.94	21	1.96
18	1.00	9	1.43	31	2.47	26	1.14
25	.46	16	1.86	Aug. 7	2.91	28	1.25
Feb. 1	.49	23	1.92	14	3.23	Nov. 4	.67
8	1.02	29	1.64	21	3.59	10	.51
15	1.52	June 8	1.46	28	3.38	18	.49
22	1.74	13	1.97	Sept. 2	3.60	25	.51
Mar. 1	1.08	20	2.31	11	3.91	Dec. 2	.54
8	1.15	27	2.46	18	3.57	9	.71
15	1.61	July 4	2.59	25	3.59	16	.63
22	.53	6	2.82	Oct. 2	3.85	23	.32
29	.58	11	2.89	9	4.09	30	.83
Apr. 5	.41	18	3.01	16	4.30		

J Water surface frozen.

Greene County

422319N0734820.1. Local number G 1. Fred Kropp. Near West Coxsackie. Dug domestic water-table well in glacial till of Pleistocene age, diam 36 in, depth 19 ft, tile-lined to 2, stone-lined to 19. Lsd about 130 ft above msl. MP chiseled square on top of inner step on curb, 0.18 ft below lsd. Highest water level 1.07 below lsd, Mar. 15, 1962; lowest 15.56 below lsd, Feb. 27, 1963. Records available: 1945-72.

Jan. 4, 1968	4.21	Mar. 1, 1968	5.8	Apr. 26, 1968	2.42	June 20, 1968	2.47
11	4.96	8	6.7	May 2	3.14	27	2.09
17	5.72	16	6.03	9	.42	July 5	3.55
26	5.79	21	2.09	16	3.6	11	4.5
Feb. 1	3.49	28	2.46	24	2.62	19	5.59
9	3.21	Apr. 4	2.51	30	2.3	26	6.40
16	4.39	11	3.01	June 6	3.31	Aug. 2	7.97
23	5.33	18	4.70	14	2.32	8	7.1

422319N0734820.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 16, 1968	8.09	Sept. 15, 1969	5.54	Nov. 3, 1970	7.99	Dec. 4, 1971	3.13
23	9.04	22	6.19	9	7.88	11	2.32
30	10.02	29	7.53	17	8.65	20	3.47
Sept. 7	10.33	6	7.51	23	7.07	27	3.63
13	10.57	13	8.09	Dec. 1	6.19	Jan. 3, 1972	3.51
20	11.19	20	7.82	7	6.32	10	4.18
27	11.87	27	7.88	14	7.13	18	3.39
Oct. 5	12.6	Nov. 3	7.85	27	6.28	25	4.07
11	13.00	10	3.07	Jan. 4, 1971	6.18	Feb. 1	4.68
18	13.42	17	3.81	11	6.46	8	4.28
26	13.7	26	3.14	18	6.51	16	3.72
Nov. 2	13.89	Dec. 4	3.45	25	6.64	23	4.89
9	13.97	11	1.94	Feb. 1	6.33	Mar. 1	4.92
18	10.95	17	2.64	8	6.39	8	3.21
23	7.14	Jan. 4, 1970	3.41	15	3.16	16	3.50
30	4.3	12	3.62	23	2.72	23	2.39
Dec. 7	3.23	19	3.76	Mar. 1	2.18	31	3.32
16	3.20	26	3.97	9	2.47	Apr. 7	3.07
21	3.9	Feb. 5	3.02	15	1.84	15	2.62
30	3.63	9	2.48	23	2.35	22	1.90
Jan. 4, 1969	3.97	16	2.63	29	2.28	29	2.22
11	4.77	24	2.73	Apr. 6	2.42	May 6	2.94
18	5.1	Mar. 3	3.20	13	2.58	13	3.26
25	2.51	10	2.75	20	3.51	22	3.67
Feb. 1	2.25	17	2.81	27	3.79	29	5.05
8	3.20	24	2.05	May 4	2.41	June 5	3.08
15	3.9	31	2.55	11	2.68	12	3.65
22	3.94	Apr. 7	2.64	18	2.64	19	4.75
Mar. 1	3.36	14	3.42	25	3.52	26	2.61
8	3.45	21	3.31	June 1	4.52	3	2.95
15	3.72	30	4.10	7	4.49	10	4.41
22	2.12	May 7	3.73	14	4.75	17	5.52
29	2.34	14	4.76	23	6.35	24	5.45
Apr. 5	2.5	21	4.11	28	7.03	31	6.75
12	2.72	29	4.55	July 7	7.93	Aug. 7	7.47
20	2.81	June 4	4.93	14	8.98	14	5.82
25	2.51	11	6.20	21	9.76	21	7.38
May 3	3.6	19	7.13	28	10.52	30	7.73
10	3.7	27	8.33	Aug. 4	5.24	Sept. 5	8.92
17	3.20	July 3	9.06	11	5.48	13	10.25
24	3.8	11	8.88	18	6.94	20	10.27
31	3.86	18	8.79	25	8.66	26	10.89
June 7	3.53	25	9.64	Sept. 1	4.52	Oct. 3	11.85
16	2.43	Aug. 1	10.21	8	5.50	10	9.88
21	2.93	9	11.07	15	3.94	17	10.03
28	4.20	16	11.91	23	4.39	24	11.26
July 6	5.25	23	11.67	30	5.32	31	12.06
13	5.79	31	12.36	Oct. 7	5.82	Nov. 7	9.84
20	6.79	Sept. 6	12.74	14	4.09	16	3.04
27	7.16	14	12.85	21	4.71	22	2.81
Aug. 5	2.45	21	12.35	29	4.61	29	2.67
10	3.40	28	12.25	Nov. 5	4.54	Dec. 6	2.31
18	4.55	Oct. 5	11.97	12	4.51	13	2.88
24	4.95	13	12.47	19	4.91	20	3.73
31	6.91	19	11.61	27	4.55	27	2.47
Sept. 5.31		26	9.17				

Livingston County

424759N0774845.1. Local number Lv 1. Maude Redmond. 33 North St., Geneseo. Dug unused water-table well in glacial till(?) of Pleistocene age, diam 4 ft, depth 28 ft, stone-lined. Lsd about 795 ft above msl. MP top of floorboard, 1.50 ft above lsd. Highest water level 0.3 below lsd, Mar. 15, 1945; lowest 9.74 below lsd, Nov. 29, 1952. Records available: 1942-72.

Jan. 25, 1968	4.97	Feb. 11, 1969	4.32	Jan. 27, 1970	2.27	Mar. 25, 1972	4.17
Feb. 26	5.11	25	4.94	Feb. 25	2.77	Apr. 27	4.30
Mar. 25	4.22	Mar. 25	4.53	Apr. 24	2.37	May 25	4.52
Apr. 25	4.97	Apr. 25	3.55	May 26	1.70	June 28	3.99
May 27	4.83	May 23	2.37	June 30	1.11	July 25	5.24
June 25	4.97	June 26	3.59	July 24	6.29	Aug. 25	6.11
July 26	5.78	July 29	1.50	Dec. 2, 1971	7.24	Sept. 25	7.13
Aug. 26	6.48	Aug. 26	6.36	31	5.58	Oct. 25	6.80
Sept. 25	7.10	Sept. 26	7.34	Jan. 28, 1972	4.48	Nov. 25	4.28
Oct. 25	6.52	Oct. 27	7.10	Feb. 25	4.62	Dec. 25	3.57
Nov. 25	5.45						

Montgomery County

430141N0744235.1. Local number Mt 1. Marion G. Groff. Near St. Johnsville. Dug unused water-table well in glacial till of Pleistocene age, diam 24 in, depth 12 ft, stone-lined. Lsd about 710 ft above msl. MP top edge of limestone slab at northeast corner of well opening, at lsd. Highest water level 3.74 below lsd, Apr. 10, 1971; lowest 9.99 below lsd, Aug. 28, 1949. Records available: 1942-72.

430141N0744235.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1968	6.75	Feb. 22, 1969	7.42	Apr. 18, 1970	5.22	Dec. 18, 1971	6.70
13	7.21	Mar. 1	7.36	25	5.26	25	6.75
20	7.49	8	7.25	May 2	5.75	Jan. 1, 1972	6.68
27	7.68	15	7.44	9	6.16	8	7.08
Feb. 3	7.52	22	5.67	16	6.52	15	7.02
10	7.35	29	5.28	June 6	7.22	22	6.82
17	7.76	Apr. 6	4.13	13	7.54	29	7.22
24	7.95	13	4.50	20	7.42	Feb. 5	7.56
Mar. 2	8.17	18	5.14	27	7.42	12	7.59
9	8.18	26	4.42	July 10	7.56	19	7.62
16	7.66	May 3	5.63	Aug. 15	8.64	26	7.73
23	6.09	10	6.22	22	8.76	Mar. 4	7.65
30	5.68	17	6.61	29	9.00	11	7.54
Apr. 7	5.50	24	6.54	Sept. 14	8.96	18	7.67
14	5.76	31	6.91	26	8.00	25	7.16
20	6.16	June 7	7.17	Oct. 4	7.96	28	6.83
27	6.10	14	7.43	Nov. 1	7.66	Apr. 1	6.53
May 4	6.11	21	7.56	Jan. 17, 1971	7.42	8	6.18
11	6.46	28	7.25	30	7.60	15	5.49
18	6.41	July 5	7.57	Feb. 6	7.80	22	4.40
25	6.13	12	7.84	13	8.08	29	5.17
June 1	6.47	19	8.28	20	7.06	May 6	5.26
8	6.67	26	8.37	27	6.68	13	5.49
15	6.98	Aug. 2	8.37	Mar. 6	5.98	20	5.67
22	7.16	16	8.61	13	6.27	27	6.61
29	6.55	19	8.65	20	5.48	June 3	6.09
July 6	6.67	23	8.71	27	5.78	10	6.08
13	7.21	30	8.89	Apr. 3	4.20	17	6.44
20	7.64	Sept. 6	9.09	10	3.74	24	6.01
27	7.91	15	9.31	17	4.26	July 1	6.41
Aug. 3	8.16	21	9.38	24	4.97	8	6.73
10	8.32	27	9.47	May 1	5.33	13	7.16
24	8.60	Oct. 4	9.36	8	5.20	15	7.27
31	8.71	13	9.14	15	5.63	22	7.73
Sept. 7	8.80	18	9.19	22	6.53	29	8.08
14	8.51	25	8.97	July 17	8.64	Aug. 5	8.20
21	8.68	Nov. 1	8.92	24	8.20	12	8.36
28	8.90	8	8.25	31	7.53	19	8.32
Oct. 5	9.01	15	7.90	Aug. 7	7.39	26	8.50
12	8.89	22	7.86	14	8.32	Sept. 2	8.66
19	8.97	Dec. 13	7.08	21	8.66	9	8.93
26	8.74	19	7.00	28	8.55	16	8.39
Nov. 2	8.46	27	7.28	Sept. 4	7.55	23	8.42
9	7.65	Jan. 5, 1970	7.55	11	8.11	30	8.42
16	7.08	12	7.62	18	7.99	Oct. 7	8.46
23	6.01	17	7.83	25	8.04	15	8.27
30	5.56	24	7.95	Oct. 2	8.41	22	8.40
Dec. 7	5.22	31	7.83	9	8.24	28	8.42
14	6.01	Feb. 7	7.22	16	8.03	Nov. 4	7.43
21	6.62	14	7.08	23	8.16	11	5.97
28	6.77	21	7.16	30	8.20	18	6.23
Jan. 4, 1969	7.00	28	7.28	Nov. 6	8.32	25	6.45
11	7.29	Mar. 7	7.25	13	8.34	Dec. 2	6.27
18	7.50	14	7.16	20	8.30	9	5.66
25	6.84	28	4.77	27	8.07	16	5.61
Feb. 1	6.32	Apr. 4	4.37	Dec. 4	7.74	23	5.53
8	6.68	11	4.54	11	6.72	30	4.34
15	7.12						

Oneida County

43312N0750915.1. Local number Oe 151. Henry Rubyor. At Woodgate. Dug domestic water-table well in glacial sand of Pleistocene age, diam 36 in, depth 31 ft, stone-lined. Lsd 1,484.94 ft above msl. MP top of 2-ft square concrete well cover at midpoint of south side of rectangular opening, 1.00 ft above lsd. Highest water level 11.47 below lsd, May 13, 1972; lowest 30.31 below lsd, Feb. 25, 1961. Records available: 1926-45, 1948-72.

Jan. 6, 1968	20.07	June 15, 1968	19.90	Nov. 23, 1968	25.78	May 3, 1969	16.38
13	20.51	22	20.38	30	21.21	10	16.94
20	20.96	29	20.89	Dec. 7	21.82	17	17.63
27	21.59	July 6	20.22	14	20.71	24	13.32
Feb. 3	21.98	13	20.26	21	20.80	31	14.05
10	22.06	20	20.63	28	21.01	July 7	15.21
17	22.52	27	21.02	Jan. 4, 1969	21.31	14	16.37
24	22.87	Aug. 3	21.60	11	21.46	21	17.30
Mar. 2	23.20	10	22.08	18	21.99	28	18.71
9	23.56	17	22.63	25	22.20	July 5	18.77
16	24.05	24	23.72	Feb. 1	22.02	12	18.40
23	23.42	31	24.08	8	21.26	19	19.10
30	20.09	Sept. 7	24.30	15	21.52	26	19.82
Apr. 4	18.06	14	24.74	22	21.95	Aug. 2	21.02
13	17.04	21	24.96	Mar. 1	22.40	9	21.76
20	17.45	28	25.95	8	22.78	16	22.22
27	17.81	Oct. 5	25.71	15	23.29	20	22.55
May 4	18.14	12	25.89	22	23.84	23	22.81
11	18.78	19	27.30	29	23.10	Sept. 1	23.83
18	18.83	26	27.27	Apr. 5	22.15	6	24.18
25	18.95	Nov. 2	27.35	12	20.39	13	24.57
June 1	19.00	9	27.09	19	17.97	20	25.29
8	19.30	16	26.73	26	16.76	27	25.30

GROUND-WATER LEVELS, 1968-72, NORTHEASTERN STATES

433112N0750915.1--Continued.

Date	Water level	Date	Water level	Date	Water level
Oct. 4, 1969	25.80	Aug. 1, 1970	23.31	May 22, 1971	12.84
11	26.13	8	24.24	29	13.64
18	26.70	15	24.25	5	13.98
25	27.00	22	24.69	12	15.80
Nov. 1	27.23	29	24.99	19	16.12
8	27.61	5	25.03	26	17.55
15	27.95	12	25.96	3	18.58
22	27.76	19	25.28	10	19.35
29	27.71	26	24.84	17	20.24
Dec. 6	27.59	Oct. 3	24.28	24	21.25
13	27.07	10	23.58	31	22.03
20	26.90	17	23.00	7	23.39
Jan. 13, 1970	27.12	24	23.29	14	23.22
17	27.27	31	23.35	21	23.81
24	27.50	Nov. 7	23.30	28	24.88
31	27.78	14	22.46	Sept. 4	24.94
Feb. 7	28.00	21	21.84	11	25.60
14	28.45	28	21.67	18	26.16
21	28.35	Dec. 5	22.15	25	25.79
28	28.60	12	22.58	2	25.18
Mar. 7	28.50	19	23.03	9	25.39
14	28.78	26	23.40	16	25.34
21	28.90	Jan. 2, 1971	23.56	23	25.45
28	28.67	9	23.96	30	26.46
Apr. 4	28.85	16	24.24	Nov. 6	25.93
11	20.21	23	24.73	13	26.61
18	18.75	30	24.76	20	26.96
25	18.34	Mar. 6	24.54	27	26.41
May 2	18.74	13	24.25	4	26.88
9	19.47	20	24.02	11	26.37
16	19.65	27	23.80	18	26.18
23	20.20	Apr. 3	23.68	25	25.09
June 6	20.86	10	23.30	Jan. 1, 1972	24.22
13	21.24	17	23.23	8	24.48
20	21.85	24	18.63	15	24.51
July 4	22.01	May 1	14.03	22	24.78
11	22.55	8	13.19	29	24.50
18	22.67	15	11.61	Feb. 7	24.70
25	23.16		11.88	14	24.42
				21	25.28
				28	25.95
				Mar. 4	25.45

Ontario County

425840N0771339.1. Local number Ot 900. State Thruway Authority. At New York State Thruway Interchange No. 43, near Manchester. Drilled unused artesian well in Camillus Shale of the Silurian Group of Late Silurian age, diam 6 in, depth 139 ft, cased to 11, open hole. Lsd about 555 f above msl. MP top of casing, 11.43 ft above lsd. Highest water level 10.78 above lsd, Apr. 1964; lowest 4.52 above lsd, Nov. 11, 1957. Records available: 1955-72.	
Jan. 2, 1968	+8.99
8	8.86
15	9.28
22	9.06
29	9.25
Feb. 5	9.04
12	9.25
Mar. 4	19.54
11	19.64
18	8.93
25	8.98
Apr. 1	9.45
8	9.54
15	9.90
22	9.69
29	9.56
May 6	9.38
13	9.19
20	9.20
27	9.27
June 3	9.37
10	9.12
17	9.12
24	8.92
July 1	8.79
8	9.04
15	8.99
22	8.84
29	8.66
Aug. 5	8.36
12	8.17
19	8.07
26	7.91
Sept. 2	7.78
9	7.73
16	7.51
23	7.41
30	7.34
Oct. 7, 1968	+7.21
14	7.06
21	7.16
28	7.35
Nov. 4	7.17
11	7.30
18	7.30
25	7.91
Dec. 2	8.17
9	8.60
16	8.70
23	9.17
30	9.34
Jan. 6, 1969	9.17
13	9.55
20	9.23
27	9.27
Feb. 3	9.30
10	9.95
17	9.81
24	9.73
Mar. 3	9.69
10	9.73
17	9.71
24	9.48
31	9.59
Apr. 7	9.46
14	9.63
21	9.81
28	10.07
May 5	10.27
12	9.96
19	10.05
26	9.84
June 2	9.81
9	9.71
16	9.61
23	9.38
	9.56
June 30, 1969	+9.38
July 7	9.22
14	9.09
21	8.93
28	8.81
Aug. 4	8.56
11	8.36
18	8.26
25	8.01
Sept. 1	7.73
8	7.66
15	7.38
22	7.02
29	7.22
Oct. 6	7.08
13	7.03
20	7.02
27	7.02
Nov. 3	6.77
10	6.85
17	7.07
24	7.05
Dec. 1	7.24
8	7.70
15	7.72
22	8.12
29	8.64
Jan. 5, 1970	8.60
12	8.70
19	8.78
26	8.82
Feb. 2	8.90
9	9.25
16	9.16
23	9.33
Mar. 2	9.40
9	9.36
	9.69
Mar. 16, 1970	9.22
23	9.09
30	8.93
Apr. 6	8.81
13	8.56
20	8.36
27	8.01
May 4	7.73
11	7.66
18	7.38
25	7.02
June 1	7.22
8	7.08
15	7.03
22	7.02
29	7.02
July 6	6.77
13	6.85
20	7.07
27	7.05
Aug. 3	7.24
10	7.70
17	7.72
24	8.12
31	8.64
Sept. 7	8.60
14	8.70
21	8.78
28	8.82
Oct. 5	8.90
12	9.25
19	9.16
26	9.33
Nov. 2	9.40
9	9.36
16	9.69
23	
30	

425840N0771339.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Dec. 7, 1970	+9.36	June 21, 1971	+9.15	Jan. 3, 1972	+9.12	June 26, 1972	+10.09
14	9.66	25	8.87	10	9.32	July 3	10.32
21	9.67	5	9.90	17	9.32	10	10.31
28	10.02	12	8.47	24	9.37	17	10.25
Jan. 4, 1971	9.99	19	8.70	31	9.35	24	10.22
11	9.92	26	8.57	Feb. 7	9.27	31	9.98
18	10.03	Aug. 2	8.34	14	9.41	Aug. 7	10.22
25	9.82	9	8.26	21	9.43	14	10.01
Feb. 1	9.99	16	8.02	28	9.48	21	9.98
8	9.83	23	8.04	Mar. 6	9.50	28	9.81
15	9.94	30	8.08	13	9.59	Sept. 4	9.50
22	9.80	Sept. 6	8.03	20	9.61	11	9.19
Mar. 1	9.74	13	8.22	27	10.04	18	9.04
8	10.34	20	8.13	Apr. 3	9.92	25	8.86
15	10.38	27	8.04	10	10.02	Oct. 2	8.76
22	10.39	Oct. 4	8.09	17	10.03	9	8.76
29	10.43	11	8.13	24	10.16	16	9.00
Apr. 5	10.09	18	7.72	May 1	10.04	23	8.90
12	10.28	25	7.85	8	10.21	30	8.70
19	10.19	Nov. 1	7.77	15	10.33	Nov. 6	8.88
26	10.15	8	7.57	22	10.32	13	9.28
May 3	10.13	15	7.74	29	10.27	20	9.71
10	9.90	22	7.79	June 5	10.13	27	9.98
17	10.02	29	8.09	12	9.99	Dec. 4	9.96
24	9.79	Dec. 6	8.15	19	9.72	11	9.96
31	9.56	13	8.46	26	9.63	18	10.26
June 7	9.42	20	8.88	Jan. 2, 1971	9.69	25	10.29
14	9.33	27	9.02				

J Water surface frozen.

Rensselaer County

423834N0733910.1. Local number Re 700. William P. Hofmann. Near Defreestville. Dug domestic water-table well in sand and gravel of Pleistocene age, diam 4 ft, depth 16 ft, stone-lined. Lsd about 405 ft above msl. MP top edge of concrete curbing at midpoint of north side of rectangular opening, 2.00 ft above lsd. Highest water level 8.92 below lsd, Apr. 4, 1970; lowest 15.49 below lsd, Oct. 3, 1964. Records available: 1954-72.

Jan. 7, 1968	12.20	Jan. 11, 1969	12.42	Jan. 17, 1970	11.58	Jan. 24, 1971	13.67
13	12.29	18	12.50	24	11.94	30	13.50
22	12.64	25	11.89	31	11.41	Feb. 6	13.58
28	12.84	Feb. 1	11.30	Feb. 7	10.47	13	13.57
Feb. 3	11.18	8	11.27	14	10.48	20	12.94
10	11.49	15	11.43	21	10.52	27	12.59
17	11.99	22	11.87	28	10.63	Mar. 6	11.13
24	12.30	Mar. 1	11.80	Mar. 7	10.43	13	10.89
Mar. 2	12.49	8	11.90	14	10.56	20	10.10
9	12.89	15	12.12	21	10.09	27	10.30
16	12.47	22	9.79	28	9.50	Apr. 3	10.02
23	11.36	29	9.70	Apr. 4	8.92	10	9.97
31	10.99	Apr. 5	9.47	11	9.17	18	10.07
Apr. 6	10.92	12	9.69	18	9.45	24	10.19
12	10.93	19	9.91	25	9.52	May 1	10.20
25	9.79	26	9.67	May 2	9.93	8	9.94
May 4	10.43	May 3	9.66	9	10.20	15	9.30
11	10.68	10	9.85	16	10.59	25	9.85
18	10.94	17	10.30	23	10.65	29	10.30
25	11.08	24	10.17	30	11.52	June 5	10.74
June 1	11.47	June 1	10.84	June 6	11.79	12	11.33
8	11.62	8	11.08	13	12.03	19	11.73
15	11.38	14	11.30	20	12.23	26	12.02
22	11.44	22	11.33	27	12.33	July 3	12.19
29	11.20	28	11.50	July 4	12.56	10	12.53
July 6	11.34	July 5	11.89	11	12.59	17	12.80
13	11.95	12	12.21	18	12.65	24	13.09
20	12.20	19	12.64	25	12.68	31	13.23
27	12.62	26	12.65	Aug. 1	13.17	Aug. 7	13.30
Aug. 3	12.88	Aug. 2	10.91	8	13.34	14	13.61
10	13.10	9	10.60	15	13.67	21	13.81
17	13.29	16	11.16	22	13.94	28	13.72
24	13.45	23	11.65	29	14.03	Sept. 4	13.38
Sept. 4	14.14	30	12.22	Sept. 7	14.20	11	13.70
8	14.05	Sept. 6	12.66	12	14.17	18	13.56
14	14.00	13	12.61	19	14.10	25	13.40
21	14.08	20	12.79	26	14.24	Oct. 2	13.65
28	14.09	27	12.93	Oct. 3	14.22	9	13.69
Oct. 5	14.29	Oct. 4	13.10	10	14.32	16	13.27
13	14.49	11	13.44	17	14.01	23	13.60
19	14.29	18	13.36	24	13.73	30	13.44
27	14.58	25	13.52	Nov. 8	13.72	Nov. 6	13.53
Nov. 2	14.10	Nov. 1	13.38	14	13.73	13	13.42
9	13.99	8	12.67	21	13.77	20	13.77
16	13.71	22	11.33	29	14.08	27	13.76
24	13.46	29	11.32	Dec. 5	13.88	Dec. 4	12.75
30	13.40	Dec. 6	11.47	13	13.98	11	11.93
Dec. 7	12.81	13	10.97	20	13.75	18	11.42
14	12.72	20	11.18	27	13.39	28	11.61
21	12.23	29	11.36	Jan. 2, 1971	13.85	Jan. 1, 1972	11.48
28	12.18	Jan. 3, 1970	11.32	9	13.75	8	11.57
Jan. 4, 1969	12.20	10	11.44	16	14.05	15	11.14

423834N0733910.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1972	10.34	Apr. 22, 1972	9.77	July 23, 1972	10.39	Oct. 15, 1972	12.79
29	11.36	29	9.95	30	11.08	21	12.93
Feb. 5	11.59	May 6	9.76	Aug. 5	11.40	28	13.13
12	12.06	13	9.64	12	12.00	Nov. 4	12.89
19	11.60	20	9.37	19	11.92	13	11.86
26	12.10	29	9.99	26	12.10	18	11.44
Mar. 4	11.24	June 6	10.40	Sept. 3	12.52	25	11.23
11	11.33	11	9.95	10	12.65	Dec. 2	10.63
18	10.48	17	10.50	17	12.80	6	9.98
25	10.50	24	10.28	23	13.03	16	9.96
Apr. 2	10.91	July 1	9.45	30	13.33	23	10.07
8	10.62	9	9.92	Oct. 8	13.00	30	10.05
15	10.12	15	10.40				

Rockland County

411802N0735930.1. Local number Ro 18. Palisades Interstate Park Commission. In Bear Mountain section near Lemon Rd. and Seven Lakes Dr. Drilled unused artesian well in Storm King Granite (previously reported Storm King Granite of Berkey, 1907) of Precambrian age, diam 6 in, depth 60 ft (previously reported 61 ft), cased to 53, open hole. Lsd about 390 ft above msl. MP top of casing, 3.65 ft above lsd. Highest water level 10.55 below lsd, Mar. 3, 1961; lowest 28.16 below lsd, Nov. 29, 1964. Records available: 1949-72.

Jan. 15, 1968	16.09	Jan. 28, 1969	18.20	May 1, 1970	15.90	Sept. 7, 1971	20.51
22	16.22	Feb. 4	17.70	8	16.34	14	20.04
29	16.35	25	17.24	22	17.08	24	17.87
Feb. 5	15.27	Mar. 11	17.02	June 14	18.36	Oct. 8	20.58
13	14.27	18	16.30	21	18.78	15	18.39
19	14.87	25	12.67	28	19.32	22	18.65
26	15.63	Apr. 1	12.11	July 20	20.58	29	18.80
Mar. 4	16.15	8	13.81	27	20.87	Nov. 3	18.87
18	14.79	15	14.59	Aug. 3	21.10	Dec. 3	17.65
26	12.80	23	14.79	10	21.48	10	15.94
Apr. 2	14.18	29	13.43	17	22.20	17	14.73
8	14.86	May 6	14.77	27	23.00	24	14.86
16	15.67	13	15.25	Sept. 18	24.11	31	15.38
22	16.16	28	16.10	Oct. 2	24.56	Jan. 7, 1972	15.25
29	15.28	June 3	16.51	9	25.61	14	15.10
May 6	15.28	10	16.94	23	25.50	21	15.23
13	15.85	17	17.20	30	25.05	Feb. 4	15.98
20	16.19	25	17.56	Nov. 13	24.90	11	15.85
June 14	14.70	July 8	18.33	27	20.26	18	15.61
21	15.62	15	18.87	Dec. 4	19.65	Mar. 11	13.57
28	16.00	29	19.84	11	19.97	17	13.21
July 5	16.03	Aug. 5	19.57	Jan. 18, 1971	18.51	Apr. 1	14.32
22	17.43	19	18.70	25	18.40	14	15.65
29	18.28	Sept. 10	20.14	Feb. 1	18.39	21	15.90
Aug. 12	19.52	16	20.38	9	18.37	June 9	15.10
19	20.01	23	20.79	16	16.60	16	15.85
26	20.52	30	21.54	23	14.45	26	11.72
Sept. 3	21.20	Oct. 7	21.60	Mar. 2	10.84	July 7	13.95
10	21.38	16	22.01	9	11.59	14	15.35
17	21.35	24	22.68	16	13.15	21	15.99
24	21.78	Nov. 7	23.57	23	12.64	28	16.67
Oct. 1	22.55	14	21.59	30	14.28	Aug. 4	17.55
8	23.34	21	20.78	Apr. 6	15.01	11	18.12
15	23.74	28	19.36	14	14.72	18	18.85
22	24.28	Dec. 5	19.24	23	15.03	Sept. 8	20.91
29	24.57	Jan. 30, 1970	16.89	30	15.50	15	21.55
Nov. 19	22.90	Feb. 6	12.83	May 21	15.57	30	22.97
26	21.47	16	11.99	28	15.00	Oct. 13	23.95
Dec. 3	21.29	23	13.94	June 18	16.53	20	24.60
10	18.79	Mar. 2	14.95	25	16.93	27	24.83
17	18.28	9	15.51	July 2	17.45	Nov. 3	25.08
24	18.08	16	16.02	Aug. 10	20.58	11	24.50
31	17.84	23	16.32	17	21.17	Dec. 4	17.89
Jan. 7, 1969	17.85	Apr. 10	12.68	24	21.82	11	14.78
14	17.95	24	15.25	31	21.20	29	13.40
21	18.15						

St. Lawrence County

444904N0744552.1. Local number St 40. Formerly 449-445-1. State Dept. of Environmental Conservation (previously reported State Dept. of Conservation). Near Brasher Falls. Dug unused (previously reported domestic) water-table well in glacial sand of Pleistocene age, diam 36 in, depth 12 ft, concrete cased to 12, open end. Lsd 299 ft above msl (determined with barometric altimeter). MP chiseled mark on top edge of 6- x 8-in opening of concrete well cover, 0.70 ft above lsd (since Nov. 4, 1971). Highest water level 3.24 below lsd, Aug. 21, 1971; lowest 9.38 below lsd, Oct. 24, 1964. Records available: 1953-72.

444904N0744552.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1968	7.50	Mar. 22, 1969	6.98	July 22, 1970	6.24	Oct. 27, 1971	6.85
13	7.45	29	5.57	29	6.55	Nov. 3	7.06
20	7.53	Apr. 5	5.08	5	6.70	10	7.34
27	7.96	12	5.15	12	6.98	17	7.35
Feb. 3	7.15	19	4.89	19	7.27	24	7.03
10	7.05	26	4.48	26	7.50	Dec. 1	6.92
17	7.12	May 3	4.75	Sept. 2	7.47	8	6.94
24	7.40	10	4.69	9	6.52	15	6.15
Mar. 2	7.57	17	4.97	16	6.75	22	5.97
9	7.65	24	4.81	23	6.95	29	6.03
16	7.52	31	5.06	Oct. 30	5.93	Jan. 5, 1972	6.30
23	6.40	June 7	5.26	Nov. 4	6.07	12	6.30
30	6.75	14	5.05	11	6.31	19	6.06
Apr. 6	5.13	21	5.47	18	5.59	26	5.90
13	5.45	28	5.49	25	5.45	Feb. 2	6.19
20	5.68	July 5	5.60	Dec. 2	5.30	9	6.44
27	5.49	12	4.90	9	5.39	16	6.50
May 4	5.76	19	5.82	16	5.59	24	6.55
11	5.81	26	6.08	23	5.70	Mar. 1	6.64
18	5.95	Aug. 2	6.10	30	5.84	8	6.70
25	5.64	9	6.46	Jan. 6, 1971	5.86	15	6.64
1	5.71	16	6.72	13	5.92	22	6.44
8	6.00	23	6.80	20	5.92	29	6.29
15	6.20	30	6.50	27	6.07	Apr. 5	5.87
22	6.48	Sept. 6	7.33	Feb. 3	6.25	12	5.54
29	6.45	13	7.48	10	6.26	20	4.36
July 6	6.41	20	7.50	17	6.25	26	4.35
13	6.52	27	7.79	24	6.19	May 3	4.49
20	6.94	Oct. 4	7.40	Mar. 3	5.70	10	4.56
27	7.20	11	7.35	10	5.60	18	4.85
Aug. 3	7.42	18	7.31	17	5.02	24	5.03
10	7.60	25	7.00	24	4.95	31	5.17
17	7.94	Nov. 1	6.85	31	5.03	June 7	5.10
24	8.12	8	7.34	Apr. 7	4.36	14	5.16
31	8.14	15	7.26	13	3.82	21	5.44
Sept. 7	8.12	22	6.98	21	3.24	29	5.27
14	8.16	29	6.91	28	3.41	July 5	5.47
21	8.11	Jan. 21, 1970	7.33	May 5	3.25	12	5.71
28	8.02	28	7.46	12	3.94	20	5.21
Oct. 5	6.83	Feb. 4	7.13	19	4.27	26	4.59
12	6.85	11	6.90	26	4.49	Aug. 2	5.16
19	6.84	18	6.90	June 2	4.71	9	4.45
26	8.52	25	6.92	9	4.89	16	4.98
Nov. 2	8.41	Mar. 4	7.13	16	5.11	23	5.20
9	8.39	11	7.20	23	5.23	30	5.30
16	8.37	18	7.29	30	5.37	Sept. 6	5.63
23	8.15	25	6.56	July 6	5.67	13	5.90
30	6.67	Apr. 1	5.93	14	6.10	20	6.23
Dec. 7	6.70	8	5.23	21	6.38	27	6.48
14	6.65	15	4.62	28	6.67	Oct. 4	6.37
21	6.70	22	4.77	Aug. 4	6.87	11	6.00
28	6.59	29	4.86	11	7.15	19	6.13
Jan. 4, 1969	6.74	May 6	5.13	18	7.43	25	5.91
11	6.82	13	5.06	25	6.82	Nov. 2	5.44
18	6.90	20	5.00	Sept. 1	6.40	8	5.22
25	6.80	27	4.82	8	6.64	15	5.05
Feb. 1	6.41	June 3	5.18	15	6.36	22	5.30
8	6.36	10	5.40	22	6.16	29	4.83
15	6.87	17	5.80	29	6.29	Dec. 6	5.03
22	6.74	24	6.12	Oct. 6	6.57	13	5.09
Mar. 1	6.84	July 1	6.16	13	6.62	20	5.20
8	6.80	8	6.41	20	6.75	27	5.32
15	7.01	15	6.32				

Schenectady County

424910N0735914.1. Local number Sn 363. Formerly 249-359-58. City of Schenectady. Drilled observation water-table well in sand and gravel of Pleistocene age, diam 6 in, original depth 57 ft (has filled in to 54), cased to 57, open end. Lsd 228.50 ft above msl. MP top of shelter platform, 2.55 ft above lsd. Highest water level 9.59 below lsd, June 24, 1972; lowest 31.27 below lsd, Feb. 10, 1966. Records available: 1960-72. Water levels affected by stage of Mohawk River, and by pumping (average 14.9 MGD in 1969) from municipal well field.

Highest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.95	25.46	27.96	22.97	21.01	19.69	20.07	23.38	22.04	21.64	20.86	18.93
10	22.60	e25.32	28.05	23.80	21.74	22.26	22.69	22.20	21.32	20.98	20.11	19.72
15	e23.90	.....	28.31	25.70	21.10	21.00	23.47	23.55	20.73	21.38	20.42	19.75
20	24.78	27.14	.....	26.75	20.07	21.17	23.35	21.89	22.27	21.19	19.04	19.52
25	25.36	.....	e19.2	24.60	20.20	21.53	22.35	21.38	23.09	20.91	19.67	20.04
Bom	26.44	.....	21.51	h21.59	19.40	17.68	23.37	22.95	21.81	20.68	18.93	20.57
1969												
5	20.52	19.78	26.05	23.20	21.08	22.76	22.38	21.72	22.96	21.37	20.58	20.54
10	21.34	20.68	26.55	21.78	20.89	e22.44	24.30	20.64	21.86	e21.6	18.97	21.93
15	21.81	22.37	27.59	22.32	20.65	.....	22.20	21.44	22.21	21.94	19.78	21.27
20	22.48	23.79	27.12	20.68	20.66	23.24	22.84	22.44	22.14	22.38	.....	22.06
25	21.49	24.68	22.66	17.51	19.47	20.96	22.68	23.08	22.25	21.52	20.13	.....
Bom	20.59	25.14	21.78	19.20	21.48	22.31	21.91	23.92	21.72	21.21	20.13	22.86

424910N0735914.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	h22.86	24.17	28.30	18.35	21.78	22.81	22.14	22.88	21.42	20.81	20.98	20.76
10	.....	23.42	28.33	19.10	21.48	23.46	22.59	24.05	21.69	20.97	21.22	21.27
15	24.15	23.69	29.08	20.88	22.49	25.36	21.75	25.61	21.34	21.05	20.82	22.06
20	25.62	25.49	29.86	20.72	21.31	22.26	21.93	25.06	20.69	21.40	20.79	22.22
25	.....	26.35	27.62	21.23	22.71	22.98	23.89	22.69	21.00	20.15	20.57	22.44
Eom	26.83	27.20	21.69	22.27	22.07	22.14	24.36	22.14	.....	21.00	20.84	23.21
1971												
5	23.77	28.59	22.92	19.75	19.50	21.26	21.53	19.38	20.48	20.44	20.18	20.21
10	23.55	28.85	23.54	19.91	19.49	21.73	e24.5	21.93	21.08	19.63	19.62	19.56
15	24.23	28.49	24.23	17.85	19.73	21.57	22.30	21.87	19.76	20.22	20.20	18.42
20	26.14	25.59	20.20	19.24	21.91	24.32	20.71	22.47	19.75	20.38	20.28	19.10
25	26.97	25.21	22.04	19.98	20.67	22.83	21.55	20.95	19.82	19.98	20.05	19.27
Eom	27.49	25.44	22.78	20.98	19.96	22.64	20.30	19.51	20.18	22.02	20.50	18.96
1972												
5	19.16	22.11	14.07	17.62	12.60	14.83	16.39	19.33	19.66	19.56	18.33	18.10
10	20.56	22.93	16.64	20.25	13.26	16.44	18.65	18.71	20.05	19.40	11.05	15.57
15	19.72	.....	18.47	14.98	17.48	18.86	19.02	19.24	19.12	19.27	10.66	16.39
20	20.38	22.48	14.03	12.35	17.56	.....	20.62	19.57	19.59	19.52	16.85	15.00
25	20.37	23.78	15.55	14.81	19.43	11.10	19.03	21.18	19.38	19.55	17.89	e15.05
Eom	20.53	24.02	18.86	18.38	19.73	16.36	19.95	20.10	19.19	18.94	16.36	18.12

e Estimated.

h Tape measurement.

Washington County

431026N0731941.1. Local number W 264. Village of Salem. Dug fire-protection water-table well in glacial gravel of Pleistocene age, approximate size 8 x 12 ft, depth 15 ft, stone-lined. Lsd 485.5 ft above msl. MP top edge of concrete cover at north side of square opening, at lsd. Highest water level 6.62 below lsd, Apr. 4, 1960; lowest 11.70 below lsd, Oct. 12, 1964. Records available: 1946-72. Water levels affected by floods of nearby stream.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	9.42	Jan. 27, 1969	9.78	Mar. 2, 1970	9.52	Apr. 5, 1971	7.69
8	9.70	Feb. 3	9.74		9.68	12	7.95
15	10.00	11	9.80		9.70	16	8.30
22	10.10	17	9.82		9.38	26	8.74
29	10.19	24	9.95		7.94	30	8.97
Feb. 5	9.34	Mar. 3	9.93	Apr. 6	7.30	4	8.79
12	9.42	10	9.81	13	8.20	10	8.77
19	9.74	17	9.18	20	8.70	17	8.95
26	9.95	24	8.77	27	8.78	24	9.17
Mar. 4	10.12	31	7.87	May 4	9.05	31	9.10
11	10.17			11	9.30		9.38
18	9.38	Apr. 7	7.78	18	9.38	June 7	9.63
25	8.55	14	7.93	25	9.50	21	9.95
Apr. 1	8.69	21	8.33	28	9.63	28	9.96
8	8.75	28	8.41	June 1	9.63		
15	9.15	May 5	8.92	8	9.84	July 5	10.12
22	9.48	12	9.23	15	10.09	12	10.28
29	8.76	19	9.60	22	9.85	19	10.25
May 6	9.11	26	9.64	29	10.00	26	10.20
13	9.33	June 3	9.48	July 6	9.98	Aug. 2	10.18
20	9.22	9	9.74	13	10.03	9	10.17
27	9.18	16	9.98	20	10.08	16	10.19
June 3	9.46	23	9.98	27	10.08	23	10.37
10	9.74	30	9.86	Aug. 3	10.04	30	9.95
17	9.92	July 7	10.02	10	10.15	Sept. 6	10.05
24	9.87	14	10.13	17	10.40	13	10.20
July 1	9.59	21	10.19	24	10.40	20	10.22
8	9.86	28	10.18	31	10.48	27	10.27
15	9.97	Aug. 4	10.11	Sept. 7	10.55	Oct. 4	10.42
22	10.23	11	10.28	14	10.54	11	10.26
29	10.30	18	10.33	21	10.40	18	10.35
Aug. 5	10.88	25	10.38	28	10.20	25	10.38
12	10.58	Sept. 1	10.49	Oct. 5	10.11	Nov. 1	10.46
19	10.66	8	10.40	12	9.73	8	10.48
26	10.73	15	10.40	19	10.02	15	10.45
Sept. 2	10.80	22	10.44	26	9.70	22	10.41
9	10.86	29	10.50	Nov. 2	9.80	29	10.38
16	10.77	Oct. 6	10.39	9	10.00	Dec. 6	10.10
23	10.86	13	10.45	16	10.09	13	9.47
30	10.84	20	10.47	23	9.95	20	9.40
Oct. 7	10.79	27	10.44	30	9.95	27	9.31
14	10.87	Nov. 4	10.39	Dec. 14	9.82	Jan. 3, 1972	9.51
21	10.87	11	10.02	21	9.80	10	9.63
28	10.82	17	9.39	28	10.05	17	9.60
Nov. 4	10.80	24	9.22	Jan. 4, 1971	10.07	24	9.12
11	10.63	Dec. 1	9.30	11	9.95	31	9.06
18	10.52	8	9.60	18	10.03	Feb. 7	9.45
25	9.93	15	9.51	25	10.11	14	9.60
Dec. 2	9.33	22	9.57	Feb. 8	10.17	21	9.70
9	9.35	Jan. 5, 1970	9.95	8	10.42	28	9.92
16	8.98	12	9.90	15	10.49	Mar. 6	9.12
23	8.94	19	10.10	22	9.98	13	9.24
30	8.98	26	10.14	Mar. 1	9.34	20	8.77
Jan. 6, 1969	9.49	Feb. 2	9.10	8	9.02	27	8.53
13	9.79	9	9.25	15	8.77	Apr. 3	8.93
20	9.97	16	9.11	22	8.38	10	9.10
		23	9.28	29	8.72	17	8.72

431026N0731941.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Apr. 24, 1972	8.37	June 26, 1972	9.24	Aug. 28, 1972	10.25	Oct. 30, 1972	10.34
May 1	8.80	July 3	9.00	Sept. 4	10.39	Nov. 6	10.10
8	8.14	10	9.00	11	10.52	13	9.35
15	8.42	17	9.33	18	10.57	20	9.07
22	8.62	24	8.95	25	10.55	27	8.74
30	9.02	31	9.39	Oct. 2	10.56	Dec. 5	8.72
June 5	9.35	Aug. 7	9.33	9	10.16	11	8.00
12	9.25	14	9.39	16	10.21	18	8.09
19	9.35	21	9.43	23	10.32	26	8.08

Westchester County

410152N0734604.1. Local number We 4. Westchester County Jail. Martine Ave. and Court St., White Plains. Drilled unused artesian well in Inwood Limestone of Precambrian age, diam 6 in., depth 203 ft, casing information not available. Lsd 220.8 ft above mal. MP top of casing, at lsd. Highest water level 21.71 below lsd, Feb. 25, 1970; lowest 32.4 below lsd, Nov. 26, 1957. Records available: 1953-72. Water levels affected by nearby pumping until May 6, 1968. Pumping duration of 8-10 hours, 5-days per week, caused daily fluctuations of about 0.6 ft to 1.2 ft. Since the cassation of pumping, the static water level averages approximately 2 ft higher throughout the year.

Highest water level for the day, from recorder chart

Jan. 7, 1968	23.26	June 5, 1969	22.11	Aug. 10, 1970	25.17	Oct. 10, 1971	23.06
15	23.28	10	22.18	15	25.10	15	23.08
21	23.33	15	22.09	Sept. 15	25.44	20	23.21
29	23.34	20	21.98	20	25.48	25	23.15
Feb. 4	e23.28	25	22.04	25	25.81	31	23.20
11	23.25	30	22.14	25	25.76	Nov. 5	23.11
17	23.33	July 5	22.13	Oct. 5	25.79	10	23.01
23	23.44	10	22.26	10	25.93	20	23.10
Mar. 11	23.33	15	22.37	15	26.07	25	23.16
17	e23.14	20	22.49	20	26.09	30	23.01
24	e22.91	25	22.25	25	25.79	Dec. 5	23.19
Apr. 1	22.92	31	22.21	31	26.11	10	23.02
8	23.01	Aug. 5	22.17	Nov. 5	26.00	15	22.95
15	22.92	10	22.09	10	26.09	20	22.97
22	23.10	15	22.23	20	25.83	25	22.96
28	22.96	20	22.28	25	25.84	31	23.04
May 6	23.01	25	22.30	30	25.52	Jan. 5, 1972	23.19
12	22.87	31	22.43	Dec. 5	25.90	10	23.19
20	22.90	Sept. 5	22.39	10	26.01	15	23.27
30	22.62	10	22.40	15	25.91	20	23.14
June 3	22.53	15	22.43	20	25.62	25	23.07
9	22.51	20	22.51	25	25.35	31	23.20
16	22.39	25	22.49	31	25.40	Feb. 5	23.16
20	22.34	30	22.57	Jan. 5, 1971	25.21	10	23.47
28	22.29	Oct. 5	22.60	10	25.13	15	23.31
July 4	22.39	10	22.59	15	25.04	20	23.21
10	22.42	15	22.67	20	25.06	25	23.21
15	22.52	20	22.60	25	24.98	29	23.16
22	22.63	25	22.71	31	24.97	Mar. 5	22.96
28	22.62	31	22.81	Feb. 5	24.80	10	23.07
Aug. 4	22.71	Nov. 5	22.63	10	24.73	15	22.82
10	22.70	10	22.59	20	24.48	20	22.73
17	22.79	15	22.59	25	e24.4	25	22.61
25	22.82	20	22.53	Mar. 15	e24.3	31	22.60
Sept. 1	22.94	25	22.57	20	24.19	Apr. 5	22.69
8	23.05	30	22.53	25	24.30	10	22.76
13	22.89	Dec. 15	22.33	Apr. 15	23.80	15	22.71
20	23.08	20	22.37	20	23.74	20	22.72
27	23.14	Jan. 10, 1970	22.16	May 15	e23.7	25	22.69
Oct. 4	23.25	15	22.27	25	e23.5	30	22.77
11	23.31	Feb. 10	21.80	31	23.49	May 5	22.70
18	23.38	15	21.77	June 5	23.58	10	22.65
25	23.31	20	21.84	10	23.74	15	22.55
Nov. 1	23.45	25	21.71	15	23.75	20	22.53
7	23.47	Mar. 5	21.80	20	23.70	25	22.51
12	23.20	10	21.89	25	23.78	31	22.49
19	23.11	15	21.97	30	23.79	June 5	22.46
Dec. 10	22.97	20	22.05	July 5	23.77	10	22.45
14	22.79	25	22.14	10	23.90	15	22.55
18	22.90	31	22.53	15	24.00	20	22.10
Jan. 9, 1969	22.67	May 15	23.99	20	23.89	25	21.92
16	22.83	20	24.01	25	23.90	30	21.78
24	22.84	25	24.18	31	23.74	July 5	21.79
Feb. 7	22.79	31	24.34	Aug. 5	23.46	10	21.85
Mar. 19	22.51	June 5	24.38	10	23.45	15	21.85
25	22.25	10	24.41	15	23.51	20	22.28
30	22.35	15	h24.55	20	23.62	25	22.39
Apr. 11	22.30	20	24.68	25	23.81	30	22.48
19	22.20	25	24.66	31	23.30	31	22.66
28	21.96	30	24.48	Sept. 5	23.24	Sept. 5	22.69
May 3	21.98	July 10	24.40	10	23.34	10	22.81
9	21.93	15	24.34	15	23.00	15	22.89
15	22.07	20	24.48	20	22.73	20	22.98
20	21.99	25	24.77	25	22.96	25	23.10
25	22.01	31	24.68	30	23.05	30	23.11
31	22.09	Aug. 5	24.99	Oct. 5	23.12	Oct. 5	23.33

410152N0734604.1--Continued.

Date	Water level
Oct. 10, 1972	23.31
15	23.14
20	23.14
23	23.36
25	23.34
31	23.42

e Estimated.

h Tape measurement.

Date	Water level
Nov. 5, 1972	23.43
10	23.22
15	23.09
20	22.88

Date	Water level
Nov. 25, 1972	22.99
30	22.87
Dec. 5	22.96
10	22.82

Date	Water level
Dec. 15, 1972	22.66
20	22.77
25	22.69
31	22.69

Wyoming County

423739N0775955.1. Local number Wo 1. State Dept. of Environmental Conservation (previously reported State Dept. of Conservation). Letchworth State Park, near Castile. Dug unused water-table well in glacial till(?) of Pleistocene age, diam 2 in, depth 14 ft, well point (60-gauze screen) 11-14. Lsd about 1,020 ft above msl. MP top of 2-in x 1-in reducing coupling, 3.33 ft above lsd. Highest water level 0.5 below lsd, Apr. 5, 1947; lowest dry, Dec. 6-27, 1964, Jan. 2, 1965. Records available: 1942-72.

Jan. 1, 1968	3.27
7	3.43
14	3.45
21	3.58
28	3.32
Feb. 3	1.24
11	2.76
17	3.37
25	3.90
Mar. 2	3.64
10	3.65
17	3.36
24	1.64
31	2.07
Apr. 7	1.73
14	2.71
20	3.03
27	3.54
May 4	3.05
11	3.15
18	2.62
25	2.52
June 1	2.17
7	2.81
14	3.27
22	3.42
28	1.32
July 5	2.88
12	3.16
19	3.81
26	4.49
Aug. 3	5.75
10	6.36
17	7.67
24	8.74
31	9.39
Sept. 6	9.75
13	10.12
20	10.45
27	10.69
Oct. 4	10.94
12	11.28
19	11.45
25	11.56
Nov. 1	11.71
8	11.72
16	10.07
24	9.18
30	4.03
Dec. 8	3.78
15	3.32
22	4.05
28	1.87
Jan. 5, 1969	3.19
11	4.00
18	1.84
26	2.62
Feb. 2	2.74
8	3.57
16	4.16

Mar. 2, 1969	3.84
9	3.96
23	1.27
31	3.17
Apr. 5	1.89
13	2.77
19	1.54
26	2.02
May 4	2.97
9	2.48
18	2.77
22	2.76
June 1	2.47
8	2.77
15	3.14
23	1.87
29	2.20
July 5	2.30
13	3.12
20	3.81
27	4.29
Aug. 3	4.64
11	6.03
17	5.34
24	5.46
Sept. 1	8.98
7	9.45
14	10.08
21	9.86
28	10.24
Oct. 5	8.68
14	8.88
19	11.42
26	11.40
Nov. 2	10.04
9	9.54
16	5.94
23	5.40
30	5.20
Dec. 6	5.06
14	2.90
21	3.91
27	3.97
Jan. 4, 1970	4.02
10	4.16
17	3.79
31	4.06
Feb. 8	2.82
15	2.57
21	2.66
28	3.63
Mar. 8	2.62
14	2.50
21	1.73
28	2.21
Apr. 4	1.87
11	2.91
18	2.80
27	2.69

May 3, 1970	2.94
9	3.24
16	4.50
24	5.10
31	5.43
June 6	6.23
14	2.71
21	2.78
27	4.81
July 5	5.92
12	5.84
19	5.74
26	5.73
Aug. 2	5.80
10	7.34
17	8.79
23	9.04
30	8.89
Sept. 13	9.18
20	7.28
27	7.20
Oct. 11	5.50
25	4.84
Nov. 1	2.04
8	2.18
14	1.74
22	1.81
29	1.84
Dec. 6	1.74
13	2.33
20	1.43
27	2.64
Jan. 3, 1971	1.69
10	2.39
17	2.74
26	2.56
Feb. 2	2.58
9	1.79
Mar. 7	3.50
14	1.51
21	2.30
30	2.14
Apr. 6	1.20
11	1.45
18	1.54
25	2.13
May 2	1.94
9	2.78
16	4.25
23	4.91
31	5.94
June 7	4.11
13	5.04
22	5.52
27	4.08
July 4	3.73
11	5.09
18	5.24
26	4.81

Aug. 7, 1971	5.88
9	5.77
16	7.30
22	6.72
30	6.81
Sept. 5	7.44
12	5.86
19	6.18
25	6.50
Oct. 3	5.30
11	5.11
17	5.01
24	4.56
31	8.03
Nov. 7	8.11
14	6.03
28	12.37
Dec. 5	10.25
15	9.50
27	5.83
Jan. 4, 1972	4.94
9	4.43
24	4.38
31	4.36
Feb. 29	5.35
Mar. 4	4.00
21	3.06
29	3.18
Apr. 3	3.50
10	3.60
18	3.34
24	2.85
May 3	3.14
11	2.54
22	3.38
30	2.56
June 7	4.19
29	3.11
July 6	2.98
14	3.54
21	4.24
27	6.15
Aug. 3	7.69
15	8.39
19	8.80
23	9.45
Sept. 1	9.87
9	10.40
30	11.16
Oct. 7	11.27
14	11.15
21	11.39
29	11.38
Nov. 4	9.84
11	5.33
19	4.20
25	4.01
Dec. 3	3.89
22	2.81

LONG ISLAND

Kings County

404149N0735712.1. Local number K30. Detecto Scales, Inc. Park and Nostrand Aves., Williamsburg. Drilled unused water-table well in upper glacial aquifer, diam 8 in, depth 56 ft, screen assumed at bottom. Lsd 17.8 ft above msl. MP top of 8-in coupling, 5.93 ft below lsd. Highest water level 3.87 above msl, Mar. 28, 1972; lowest 29.75 below msl, Nov. 8, 1941. Records available: 1935-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	+0.63	Sept. 30, 1968	+0.97	Aug. 4, 1969	+2.24	May 5, 1971	+2.92
Feb. 5	.73	Nov. 6	.80	Sept. 5	2.24	July 28	3.57
Mar. 27	.68	Dec. 3	.73	Nov. 11	2.88	Sept. 23	3.25
Apr. 22	.82	Jan. 8, 1969	.97	Nov. 10	2.38	Jan. 13, 1972	3.30
May 28	.97	Feb. 20	1.17	Feb. 6, 1970	2.30	Mar. 28	3.87
June 26	1.06	Apr. 1	1.42	Mar. 13, 1970	2.84	July 17	2.81
July 29	1.11	May 22	1.42	May 8	3.03	Sept. 29	3.09
Aug. 28	1.13	May 28	1.40	Nov. 2	2.89	Dec. 27	2.99
		July 2	1.55	Mar. 16, 1971	2.75		

403819N0735811.1. Local number K530. J. Morea. 912 Cortelyou Rd., Flatbush. Drilled observation water-table well in upper glacial aquifer, diam 18 in, depth 145 ft, screened 95-145. Lsd 40.1 ft above msl. MP top of 1k-in nipple, 7.21 ft below lsd. Highest water level 8.43 above msl, July 11, 1972; lowest 5.89 below msl, June 24, 1947. Records available: 1947-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 5, 1968	+6.23	Aug. 28, 1968	+6.49	Apr. 21, 1969	+6.47	Oct. 30, 1970	+6.87
Mar. 29	6.10	Sept. 30	6.42	May 28	6.51	Mar. 8, 1971	7.21
Apr. 23	6.24	Oct. 1	6.37	July 2	6.83	Sept. 27	7.82
May 28	6.34	Dec. 3	6.49	Aug. 4	7.07	May 5, 1972	7.87
June 26	6.27	Jan. 8, 1969	6.52	Sept. 2	7.02	Mar. 28	7.99
July 29	6.57	Feb. 20	6.31	Nov. 10	6.84	July 11	8.43
Aug. 28	6.54	Apr. 1	6.37	Mar. 16, 1970	7.14	Sept. 29	8.26

Nassau County

404043N0734130.1. Local number N7. Long Island State Park Commission. Corona Ave. and Remsen St., Valley Stream. Drilled unused artesian well in Lloyd aquifer (previously reported Lloyd Sand Member of Raritan Formation), diam 10 to 6 in, depth 911 ft, screened 851-911. Lsd 20.8 ft above msl. MP top of reducer, 2.16 ft above lsd. Highest water level, 12.75 above msl, Mar. 9, 1941; lowest 6.84 below msl, Aug. 25, 1970. Records available: 1936-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	-0.52	Dec. 27, 1968	+2.19	Oct. 24, 1969	+0.34	Feb. 8, 1971	+0.67
Feb. 28	1.16	Jan. 27, 1969	2.56	Jan. 29, 1970	3.26	Mar. 2	+3.36
Mar. 26	1.57	Feb. 27	2.96	Mar. 4	3.34	May 25	-1.44
Apr. 25	.98	Mar. 25	3.98	May 6	+2.81	July 29	1.91
May 27	.96	Apr. 28	4.46	Aug. 28	-.04	Oct. 1	1.33
June 28	.97	May 28	+2.48	July 2	6.93	Dec. 22	-1.12
July 29	3.81	June 30	-1.37	Aug. 25	6.84	Jan. 10, 1972	+1.29
Aug. 30	4.54	July 28	2.47	Sept. 25	5.49	Apr. 11	1.41
Sept. 25	3.34	Aug. 28	3.79	Nov. 3	3.09	July 18	+1.05
Oct. 28	.78	Sept. 29	-2.36	Dec. 14	-1.44	Oct. 4	-.01
Nov. 26	-1.09						

404048N0734125.1. Local number N9. Long Island State Park Commission. Corona Ave. and Remsen St., Valley Stream. Drilled unused artesian well in sands of Magothy aquifer, previously reported sands of Magothy(?) Formation, diam 6 to 4 in, depth 138 ft, screened 98-138. Lsd 23.2 ft above msl. MP top of casing, 1.48 ft above lsd. Highest water level 23.57 above msl, Sept. 3, 1938; lowest 10.13 above msl, Aug. 31, 1966. Records available: 1936-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	+12.68	Nov. 26, 1968	+12.03	Aug. 28, 1969	+12.81	Feb. 8, 1971	+13.12
Feb. 28	12.38	Dec. 31	12.58	Sept. 29	13.03	Mar. 2	11.84
Mar. 26	13.21	Jan. 27, 1969	12.33	Oct. 24	12.95	Apr. 20	12.68
Apr. 25	13.56	Feb. 27	12.52	Jan. 29, 1970	13.78	July 28	12.53
May 29	15.26	Mar. 26	13.18	May 6	14.44	Oct. 1	12.69
June 28	14.38	Apr. 28	13.53	July 8	12.78	Dec. 22	12.81
July 29	12.36	May 28	13.26	Sept. 1	11.39	Mar. 22, 1972	13.36
Aug. 30	11.78	June 30	12.19	Nov. 3	10.83	July 18	13.40
Sept. 25	11.55	July 31	14.52	Dec. 14	10.98	Oct. 5	13.58
Oct. 28	11.11						

404029N0732942.1. Local number N180. City of New York. Dept. of Water Supply, Gas and Electricity. Sunrise Hwy. and Seamans Neck Rd., Seaford. Drilled unused artesian well in Magothy aquifer, previously reported in sands of Magothy(?) Formation, diam 4 to 6 in, depth 762 ft, screen assumed at bottom. Lsd 15.3 ft above msl. MP top of 4-in coupling, 14.30 ft above lsd. Highest water level 21.08 above msl, June 6, 1952; lowest 12.80 above msl, July 15, 1966. Records available: 1945-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1968	+17.12	Dec. 5, 1968	+17.29	Aug. 25, 1969	+13.48	Mar. 2, 1971	+16.45
Feb. 28	16.89	Feb. 24	17.07	Sept. 25	14.52	Apr. 21	16.61
Mar. 25	16.86	Feb. 4, 1969	16.54	Oct. 23	15.67	Aug. 2	16.68
Apr. 23	15.88	Mar. 27	16.76	Jan. 20, 1970	16.50	Oct. 1	16.70
May 23	16.15	Apr. 28	16.59	Mar. 3	16.38	Dec. 22	17.40
June 25	15.86	Apr. 29	16.91	Apr. 29	16.17	Apr. 11, 1972	16.41
July 24	13.49	June 2	14.57	July 7	14.04	July 20	16.49
Aug. 28	14.57	June 24	15.79	Nov. 2	15.94	Sept. 28	14.89
Sept. 24	14.83	July 30	16.05	Feb. 8, 1971	15.93	Dec. 19	15.79
Oct. 23	13.32						

404609N0734216.1. Local number N1102. Nassau County Dept. of Public Works. Long Island Expressway and Community Dr., Lake Success. Drilled observation water-table well in deposits of late Pleistocene age, diam 4 in, depth 166 ft, screened 161-166. Lsd 184.0 ft above msl. MP top of 4-in coupling, 0.32 ft below lsd. Highest water level 59.12 above msl, May 25, 1953; lowest 29.08 above msl, Oct. 1, 1969. Records available: 1939-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+31.98	Sept. 27, 1968	+29.63	June 25, 1969	+29.94	Apr. 20, 1971	+31.79
Feb. 26	31.58	Oct. 31	29.49	July 28	29.49	Sept. 30	30.65
Mar. 26	31.46	Dec. 3	29.98	Aug. 26	29.50	Dec. 22	29.78
Apr. 29	31.22	30	29.82	Oct. 1	29.08	Mar. 23, 1972	30.48
June 3	30.73	Jan. 27, 1969	30.19	29	29.54	July 28	31.05
26	30.62	Mar. 26	30.38	May 6, 1970	31.84	Oct. 5	30.57
July 25	29.79	Apr. 28	30.73	Oct. 30	30.36	Dec. 19	31.68
Aug. 27	29.70	June 2	30.33				

404039N0734200.1. Local number N1110. Nassau County Dept. of Public Works. Henry St. near Southern State Parkway, North Valley Stream. Driven observation water-table well in deposits of late Pleistocene age, diam 1 1/4 in, depth 27 ft, screened 25-27. Lsd 30.9 ft above msl. MP top of casing, 0.05 ft below lsd. Highest water level 21.05 above msl, Apr. 21, 1939, June 6, 1946; lowest 7.83 above msl, Aug. 31, 1966. Records available: 1939-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	+10.58	Oct. 30, 1968	+9.34	June 30, 1969	+10.21	Nov. 30, 1970	+9.26
Feb. 28	10.42	Nov. 26	10.15	July 28	10.85	Feb. 8, 1971	9.90
Mar. 26	11.12	Dec. 26	10.65	Aug. 27	10.81	Apr. 20	11.11
Apr. 25	10.85	Jan. 31, 1969	10.49	Sept. 29	10.77	Aug. 2	8.36
May 29	11.51	Feb. 25	10.49	Oct. 30	10.75	Dec. 22	8.07
June 28	11.95	Mar. 26	10.83	Jan. 29, 1970	11.30	Mar. 22, 1972	8.57
July 29	9.48	Apr. 28	11.45	May 6	12.10	July 20	9.65
Aug. 29	9.95	May 27	11.18	July 8	11.57	Oct. 4	7.92
Sept. 25	9.70						

404820N0733121.1. Local number N1212. Nassau County Dept. of Public Works. Jericho Turnpike, Locust Grove. Drilled observation artesian well in sands of Magothy aquifer, previously reported sands of Magothy(?) Formation, diam 4 in, depth 185 ft, screened 181-185. Lsd 228.2 ft above msl. MP top of recorder shelf, 0.54 ft below lsd. Highest water level 89.74 above msl, Oct. 6, Dec. 7, 1953; lowest 73.00 above msl, Apr. 25, 1967. Records available: 1943-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1968	+74.11	Oct. 24, 1968	+74.52	July 30, 1969	+75.68	Mar. 5, 1971	+79.74
Feb. 21	74.07	Nov. 22	74.54	Aug. 26	75.82	Apr. 15	79.91
Mar. 25	74.02	Jan. 3, 1969	74.85	Oct. 1	76.11	Aug. 2	78.99
Apr. 26	74.09	Feb. 4	74.97	Nov. 4	77.03	Sept. 30	79.07
May 23	74.18	Mar. 4	75.11	Jan. 23, 1970	78.12	Dec. 12	79.40
June 25	74.44	24	75.44	May 5	79.56	Mar. 23, 1972	79.56
July 26	74.07	May 1	75.44	July 7	80.03	July 14	79.96
Aug. 28	73.97	26	75.62	Nov. 5	79.92	Oct. 4	80.28
Sept. 27	74.28	June 27	75.58	Feb. 8, 1971	80.03	Dec. 19	82.22

404704N0732642.1. Local number N1246. Nassau County Dept. of Public Works. Round Swamp and Old Country Rds., Plainview. Drilled observation water-table well in Magothy aquifer, diam 4 in, depth 125 ft, screen assumed at bottom. Lsd 184.9 ft above msl. MP top of 4-in coupling, 0.08 ft above lsd. Highest water level 83.55 above msl, Nov. 2, Dec. 26, 1961; lowest 68.29 above msl, Apr. 25, 1967. Records available: 1940-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+69.64	Sept. 24, 1968	+70.12	May 29, 1969	+71.20	Nov. 5, 1970	+75.55
Feb. 27	69.70	Oct. 24	70.15	June 24	71.24	Apr. 1, 1971	75.38
Mar. 25	69.60	Nov. 22	70.45	July 30	71.43	Oct. 1	75.09
May 2	69.81	Dec. 24	70.28	Aug. 26	71.55	Dec. 30	75.78
June 21	69.85	Feb. 4, 1969	70.68	Sept. 25	71.81	Mar. 22, 1972	75.86
July 25	69.99	Mar. 4	70.85	Oct. 23	72.02	July 28	76.16
Oct. 30	69.93	24	71.00	Mar. 10, 1970	74.55	Oct. 5	74.61
Aug. 28	69.94	Apr. 29	71.12	May 4	74.11	Dec. 19	75.86

404317N0732909.1. Local number N1259. U.S. Geol. Survey. Hicksville-Massapequa Rd., Plainedge. Driven observation water-table well in deposits of late Pleistocene age, diam 1 1/4 in, depth 41 ft, screened 38-41. Lsd 78.4 ft above msl. MP top of casing, 0.32 ft below lsd. Highest water level 56.99 above msl, June 23, 1952; lowest 45.61 above msl, Aug. 25, 1966. Records available: 1909-10, 1912-16, 1930-35, 1937-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1968	+48.90	Apr. 25, 1969	+49.79	July 23, 1970	+50.20	Oct. 26, 1971	+48.47
Feb. 21	48.79	May 26	50.18	Aug. 23	49.30	Nov. 23	48.29
Mar. 25	49.32	June 24	49.53	Sept. 22	48.93	Dec. 21	49.19
Apr. 23	49.26	July 25	49.01	Oct. 27	48.62	Jan. 26, 1972	49.07
May 23	48.94	Aug. 25	49.36	Nov. 24	48.63	Feb. 24	49.51
June 24	49.45	Sept. 25	49.65	Dec. 21	48.53	Mar. 24	50.42
July 24	48.74	Oct. 23	49.46	Jan. 25, 1971	48.64	Apr. 25	50.77
Aug. 23	48.10	Nov. 21	49.26	Feb. 23	49.14	May 25	51.43
Sept. 24	48.98	Dec. 24	49.54	Mar. 23	49.96	June 26	51.90
Oct. 24	47.73	Jan. 23, 1970	50.23	Apr. 21	50.34	July 25	51.73
Nov. 25	48.16	Feb. 25	51.24	May 24	50.06	Aug. 23	50.95
Dec. 24	49.25	Mar. 24	51.00	June 24	49.24	Sept. 25	50.13
Jan. 24, 1969	49.25	Apr. 24	52.01	July 23	48.65	Oct. 26	51.12
Feb. 24	48.88	May 25	51.46	Aug. 26	48.49	Nov. 27	52.29
Mar. 24	49.10	June 22	51.01	Sept. 27	48.38	Dec. 26	53.18

404554N0733515.1. Local number N1616. Nassau County Dept. of Public Works. Post Ave. and Argyle Rd., Westbury. Driven observation water-table well in deposits of late Pleistocene age, diam 2 in, depth 68 ft, screened 65-68. Lsd 122.4 ft above msl. MP top of casing, 0.32 ft below lsd. Highest water level 85.42 above msl, June 1, 1939; lowest 68.28 above msl, Feb. 28, 1967. Records available: 1913-15, 1932-72.

404554N0733515.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1968	+69.14	Mar. 24, 1969	+69.14	June 1, 1970	+72.48	Nov. 23, 1971	+70.52
Feb. 27	69.13	Apr. 23	69.55	22	72.41	Dec. 21	70.64
Mar. 25	69.29	May 26	70.03	July 23	72.05	Jan. 26, 1972	70.64
Apr. 23	69.20	June 24	70.16	Aug. 24	71.49	Feb. 24	70.85
May 23	69.31	July 28	70.10	Jan. 26, 1971	70.76	Mar. 28	71.25
June 24	69.46	Aug. 25	70.31	Feb. 23	70.98	Apr. 26	72.11
July 24	69.19	Sept. 25	70.53	Mar. 23	71.15	May 26	72.60
Aug. 23	68.98	Oct. 23	70.44	Apr. 22	71.44	June 27	72.81
Sept. 24	68.88	Nov. 21	70.40	May 26	71.66	July 26	73.00
Oct. 24	68.64	Dec. 29	70.53	June 28	71.24	Aug. 25	72.62
Nov. 25	68.81	Jan. 26, 1970	70.62	July 23	70.91	Sept. 26	72.37
Dec. 24	68.92	Feb. 25	71.06	Aug. 30	70.51	Oct. 26	72.50
Jan. 24, 1969	69.04	Mar. 24	71.49	Sept. 28	70.65	Nov. 27	72.86
Feb. 24	69.04	Apr. 27	72.12	Oct. 26	70.65	Dec. 26	73.22

405101N0733434.1. Local number N2528. Nassau County Dept. of Public Works. Chicken Valley and Wolver Hollow Rds., Upper Brookville. Drilled observation artesian well in sands of Magothy aquifer, previously reported sands of Magothy(?) Formation, diam 6 to 4 in, depth 282 ft, slotted 278-282. Lsd 92.5 ft above msl. MP top of 6-in nipple, 0.77 ft above lsd. Highest water level 79.92 above msl, July 25, 1957; lowest 59.12 above msl, Feb. 24, 1967. Records available: 1947-72.

Jan. 30, 1968	+59.62	Oct. 31, 1968	+60.17	Aug. 1, 1969	+61.74	Mar. 5, 1971	+63.90
Feb. 27	59.57	Nov. 22	60.35	26	61.97	May 5	63.42
Mar. 27	60.02	Dec. 26	60.69	Sept. 30	61.89	Aug. 2	62.64
Apr. 22	60.13	Jan. 24, 1969	60.71	Oct. 29	61.75	Sept. 30	62.53
May 27	60.09	Feb. 25	60.60	Nov. 18	61.78	Dec. 22	62.74
June 26	60.53	Mar. 27	60.82	Jan. 27, 1970	62.17	Mar. 13, 1972	63.17
July 26	60.23	May 1	61.41	Mar. 2	63.05	July 14	65.32
Aug. 26	60.45	29	61.70	Apr. 27	63.84	Sept. 28	65.03
Sept. 26	60.44	June 27	61.73	Oct. 27	63.10	Dec. 19	66.05

404619N0732706.2. Local number N3355. U.S. Geol. Survey. Round Swamp Rd., Plainview. Drilled observation artesian well in Lloyd aquifer (previously reported Lloyd Sand Member of Raritan Formation), diam 8 to 4 in, depth 1,090 ft, screened 1,070-1,090. Lsd 183.3 ft above msl. MP top of casing, 0.76 ft below lsd. Highest water level 36.52 above msl, Apr. 9, 1957; lowest 23.18 above msl, Apr. 11, 1972. Records available: 1951-72.

Jan. 25, 1968	+27.14	Nov. 22, 1968	+27.00	Sept. 25, 1969	+26.37	Feb. 8, 1971	+29.39
Feb. 27	27.12	Dec. 24	27.70	Oct. 23	26.95	23	29.72
Mar. 25	27.41	Feb. 4, 1969	28.12	Jan. 23, 1970	28.93	Apr. 15	29.65
May 2	27.45	Mar. 4	28.41	Mar. 9	29.45	Aug. 2	29.58
23	27.10	Apr. 24	28.29	Apr. 24	29.81	Dec. 29	29.16
June 25	27.21	May 29	28.38	July 7	28.38	Apr. 11, 1972	23.18
July 24	26.26	Apr. 29	28.23	Nov. 5	28.12	July 17	24.67
Aug. 28	26.16	June 24	27.30	Dec. 15	26.04	Oct. 5	24.75
Sept. 24	25.60	July 30	26.43	Jan. 6, 1971	28.95	Dec. 19	25.12
Oct. 24	26.03	Aug. 26	26.39				

Queens County

404451N0734750.1. Local number Q283. City of New York, Dept. of Water Supply, Gas and Electricity. Underhill Ave. and 171st St., Flushing. Drilled unused artesian well in Lloyd aquifer (previously reported Lloyd Sand Member of Raritan Formation), diam 26 to 12 in, depth 409 ft, screened 309-352, 367-409. Lsd 27.0 ft above msl. MP top of iron plate, 0.37 ft above lsd. Highest water level 5.48 above msl, Apr. 7, 1955; lowest 15.78 below msl, Aug. 5, 1971. Records available: 1946-72.

Jan. 2, 1968	-6.81	Oct. 29, 1968	-10.13	Sept. 2, 1969	-13.08	Aug. 5, 1971	-15.78
Feb. 1	7.67	Dec. 2	8.92	Oct. 30	8.29	Sept. 28	12.43
Mar. 1	6.93	30	8.68	Jan. 28, 1970	5.01	Jan. 5, 1972	7.76
27	7.11	Jan. 29, 1969	8.33	Mar. 2	6.77	27	8.02
Apr. 29	8.03	Feb. 28	7.75	Apr. 30	10.43	Mar. 21	8.28
June 3	6.15	Mar. 26	1.70	Nov. 4	14.47	June 20	8.89
July 2	8.49	Apr. 30	3.53	Dec. 14	13.26	Oct. 11	13.38
31	11.57	June 3	7.45	Feb. 9, 1971	10.96	25	11.45
Aug. 30	12.10	26	12.39	Apr. 19	12.28	Dec. 21	11.53
Oct. 1	11.20	Aug. 4	12.41				

403958N0734951.1. Local number Q1089. City of New York, Dept. of Water Supply, Gas and Electricity. North Conduit Ave. near Long Island RR., Aqueduct. Driven observation water-table well in deposits of late Pleistocene age, diam 2 in, depth 32 ft, screened 30-32. Lsd 20.2 ft above msl. MP top of 2-in coupling, 0.04 ft below lsd. Highest water level 4.04 above msl, Sept. 23, 1938; lowest 3.39 below msl, Mar. 28, 1959. Records available: 1911-17, 1932-39, 1941-71. Well destroyed; measurement discontinued February 1971. Replaced by Q2324.

Jan. 2, 1968	-0.13	July 2, 1968	+0.15	Jan. 31, 1969	-0.37	Sept. 2, 1969	-0.23
Feb. 1	.26	3	-.09	Feb. 28	.17	Nov. 2	.77
29	.43	Sept. 4	.19	Mar. 28	.35	Jan. 28, 1970	.82
Mar. 19	.26	Oct. 1	.45	May 1	.19	Apr. 30	.26
28	.23	30	.48	28	.41	Nov. 4	.63
May 1	-.17	Dec. 3	.18	June 27	.35	Feb. 9, 1971	.53
June 3	+1.12	30	.31	Aug. 4	.10		

404157N0734801.2. Local number Q1252. U.S. Geol. Survey. Liberty Ave. and 157th St., Jamaica. Driven observation water-table well in deposits of late Pleistocene age, diam 1½ in, depth 60 ft, screened 58-60. Lsd 31.2 ft above msl. MP top of 1½-in coupling, 0.31 ft above lsd. Highest water level 13.92 above msl, Nov. 2, 1948; lowest 2.81 below msl, Feb. 9, 1971. Records available: 1940-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	-0.87	Sept. 30, 1968	-1.99	June 26, 1969	-1.73	Mar. 10, 1971	-2.31
Feb. 2	.99	Oct. 29	1.13	Aug. 4	1.32	Apr. 19	2.14
Mar. 2	.74	Dec. 3	.96	Sept. 3	1.48	Aug. 5	2.18
19	.27	Jan. 31, 1969	1.09	Oct. 30	1.36	Sept. 28	1.74
28	.36	Feb. 28	2.12	Jan. 28, 1970	1.29	Jan. 3, 1972	2.47
May 1	.97	Mar. 28	1.49	Mar. 2	1.27	Mar. 21	2.39
June 3	1.05	Mar. 28	2.11	Apr. 30	1.39	June 16	1.04
July 1	.96	May 1	2.07	Nov. 6	2.55	Oct. 10	1.76
31	1.31	June 3	1.86	Feb. 9, 1971	2.81	Dec. 21	2.17
Sept. 4	1.66						

403957N0734950.2. Local number Q2324. New York Racing Association, Inc. North Conduit Ave. and 114th St., Aqueduct. Driven observation water-table well in deposits of late Pleistocene age, diam 2.5 in, depth 91 ft, screen assumed at bottom. Lsd 22.0 ft above msl. MP top of 2.5-in coupling, at lsd. Highest water level 1.93 above msl, Apr. 27, 1961; lowest 3.40 below msl, May 25, 1959. Records available: 1959-72. Replaces well Q1089; water levels are considered to be equivalent.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 2, 1968	-0.14	Oct. 1, 1968	-0.46	June 26, 1969	-0.36	Mar. 8, 1971	-0.21
Feb. 1	.28	30	.48	Aug. 4	.11	Apr. 19	.08
29	.28	Dec. 3	.19	Sept. 2	.24	Aug. 15	.26
Mar. 19	.28	Jan. 30	.33	Nov. 3	.56	Sept. 28	.28
28	.23	Jan. 31, 1969	.38	Jan. 28, 1970	.82	Dec. 30	.49
May 1	-.18	Feb. 28	.19	Feb. 27	.71	Mar. 21, 1972	-.14
June 3	+1.10	Mar. 28	.34	Apr. 30	.26	June 16	+1.16
July 2	+1.14	May 1	.20	Nov. 4	.64	Oct. 10	.45
31	-.11	28	.42	Feb. 9, 1971	.54	Dec. 21	+0.90
Sept. 4	.21						

Suffolk County

404614N0731644.1. Local number S1810. U.S. Geol. Survey. Gardiner Dr., Pineaire. Driven observation water-table well in deposits of late Pleistocene age, diam 1½ in, depth 56 ft, screened 54-56. Lsd 90.1 ft above msl. MP top of casing, 1.03 ft above lsd. Highest water level 56.19 above msl, Apr. 29, 1939; lowest 43.30 above msl, Feb. 27, 1967. Records available: 1912-14, 1932-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	+46.68	Apr. 24, 1969	+46.15	June 23, 1970	+49.08	Sept. 28, 1971	+47.04
Feb. 26	46.74	May 20	46.82	Aug. 25	48.65	Oct. 26	46.94
Mar. 25	47.07	June 24	46.81	Sept. 22	48.25	Nov. 23	46.58
Apr. 24	47.57	July 29	46.75	Oct. 28	47.70	Dec. 21	46.98
May 28	47.46	Aug. 26	46.92	Nov. 24	47.48	Jan. 26, 1972	47.12
June 24	47.53	Sept. 26	46.81	Dec. 21	47.23	Feb. 24	47.15
July 26	47.09	Oct. 27	46.68	Jan. 27, 1971	46.93	Mar. 27	47.53
Aug. 26	46.73	Nov. 26	46.55	Feb. 24	47.15	Apr. 26	48.34
Sept. 25	46.41	Dec. 31	46.85	Mar. 12	47.30	May 26	48.77
Oct. 23	46.05	Jan. 26, 1970	47.32	23	47.49	June 28	49.30
Nov. 25	45.89	Feb. 25	47.98	Apr. 22	48.01	Aug. 25	49.31
Dec. 29	46.06	Mar. 25	48.38	May 27	48.15	Sept. 26	49.01
Jan. 27, 1969	45.98	Apr. 28	49.53	June 28	47.74	Oct. 26	48.95
Feb. 26	45.90	June 1	49.69	July 28	47.40	Nov. 27	49.13
Mar. 26	45.84	23	49.45	Aug. 30	47.03	Dec. 26	50.10

405146N0730319.1. Local number S3513. New York State Dept. of Transportation (previously reported New York State Division of Highways). State Hwy. 25, Selden. Drilled unused water-table well in deposits of late Pleistocene age, diam 8 in, depth 65 ft, screened 63-65. Lsd 102.1 ft above msl. MP top of reducer, 0.21 ft above lsd. Highest water level 67.63 above msl, Mar. 5, 1962; lowest 56.06 above msl, Mar. 1, 1967. Records available: 1942-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+58.11	Feb. 28, 1969	+58.00	Mar. 10, 1970	+59.36	Mar. 11, 1971	+59.86
Feb. 27	57.96	Apr. 2	57.96	Apr. 9	59.72	Apr. 23	60.16
Apr. 3	58.46	May 28	58.15	May 11	60.31	June 7	60.58
29	58.79	May 27	58.35	June 16	60.72	July 28	60.35
May 21	58.30	June 26	58.35	July 23	60.74	July 26	59.61
July 2	59.07	July 31	58.62	Aug. 31	60.49	Aug. 30	59.71
31	58.73	Aug. 26	58.71	Oct. 9	60.16	Sept. 21	59.57
Aug. 29	58.52	Sept. 29	58.44	26	60.05	Dec. 16	59.18
Sept. 27	58.41	Oct. 27	57.82	Nov. 23	59.96	Mar. 20, 1972	59.35
Oct. 25	58.19	Nov. 24	58.21	Jan. 5, 1971	59.65	July 5	60.19
Nov. 27	58.06	Dec. 22	58.29	27	59.59	Sept. 28	61.03
Dec. 27	58.06	Jan. 15, 1970	58.62	Feb. 23	59.77	Dec. 21	61.33
Jan. 2, 1969	58.01	Feb. 25	59.25				

405030N0731814.1. Local number S3514. Heatherwood Shopping Center. Jericho Turnpike, Commack. Dug unused water-table well in deposits of late Pleistocene age, diam 30 in, depth 98 ft, brick-lined. Lsd 153.6 ft above msl. MP top of 2-in coupling, 0.18 ft above lsd. Highest water level 72.51 above msl, Feb. 25, 1956; lowest 64.23 above msl, Mar. 18, 26, 1951. Records available: 1942-72.

405030N0731814.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 26, 1968	+68.04	Feb. 26, 1969	+68.06	Apr. 9, 1970	+70.67	Apr. 23, 1971	+70.40
Feb. 26	67.78	Mar. 25	68.17	May 11	70.88	June 7	70.60
Mar. 26	67.95	Apr. 29	69.42	June 16	71.25	June 28	70.49
May 1	67.98	May 27	68.25	July 2	71.30	July 26	70.58
23	67.82	June 26	68.42	23	71.34	Aug. 30	70.52
June 24	68.38	July 31	68.79	Aug. 27	71.56	Sept. 20	70.57
July 26	68.36	Aug. 26	69.08	Oct. 9	70.98	Oct. 21	69.69
Aug. 26	68.28	Sept. 29	69.49	26	70.82	Dec. 15	69.82
Sept. 25	68.45	Oct. 27	69.60	Nov. 23	70.74	Feb. 2, 1972	69.33
Oct. 24	68.09	Nov. 24	69.59	Jan. 5, 1971	70.30	Mar. 20	68.86
Nov. 25	68.11	Dec. 23	69.63	Feb. 27	70.98	June 21	70.56
Dec. 26	68.03	Feb. 26, 1970	69.95	Mar. 22	70.36	Sept. 27	71.34
Jan. 27, 1969	67.93	Mar. 10	70.15	Mar. 11	70.48	Dec. 19	72.17

405037N0723903.1. Local number S3543. City of New York, Board of Water Supply. West of Old Riverhead Rd., Westhampton. Driven observation water-table well in deposits of late Pleistocene age, diam 2 in, depth 58 ft, screened 56-58. Lsd 64.4 ft above msl. MP top of casing, 0.04 ft above lsd. Highest water level 21.46 above msl, June 24, 1958; lowest 15.03 above msl, Jan. 26, 1967. Records available: 1907-09, 1942-43, 1947-72.

Jan. 29, 1968	+17.76	Feb. 28, 1969	+17.18	Mar. 11, 1970	+17.25	Apr. 27, 1971	+18.02
Feb. 27	17.78	Mar. 27	17.18	Apr. 9	17.34	May 28	18.14
Mar. 29	17.97	Apr. 30	17.42	May 11	18.66	June 8	18.11
Apr. 24	18.67	May 29	17.48	June 15	18.63	July 25	16.99
May 21	18.78	June 27	17.53	July 23	18.28	Aug. 9	17.88
July 1	18.48	July 29	17.45	Aug. 28	17.92	Sept. 1	17.75
30	18.22	Aug. 27	17.27	Oct. 8	17.44	Sept. 1	17.66
Aug. 30	17.49	Sept. 30	16.99	22	17.29	23	17.45
Sept. 26	17.60	Nov. 3	16.69	Nov. 24	17.00	Dec. 20	16.64
Oct. 24	17.22	24	16.48	Jan. 6, 1971	16.64	Mar. 27, 1972	17.54
Nov. 26	16.95	Dec. 22	16.34	28	16.89	July 7	18.67
Dec. 27	16.77	Jan. 15, 1970	16.60	Feb. 23	16.95	Oct. 2	19.00
Jan. 24, 1969	16.90	Feb. 25	17.22	Mar. 15	16.74	Dec. 29	18.69

405743N0724257.1. Local number S4271. U.S. Geol. Survey. Long Island Research Farm, Riverhead. Drilled observation water-table well in deposits of late Pleistocene age, diam 4 in, depth 105 ft, screened 100-105. Lsd 100.3 ft above msl. MP top of 4-in coupling, 1.14 ft above lsd. Highest water level 12.88 above msl, June 30, 1958; lowest 8.16 above msl, Sept. 5, 1966. Records available: 1945-72.

Jan. 1, 1968	+9.92	Sept. 2, 1968	+9.14	May 5, 1969	+9.75	Jan. 26, 1970	+10.13
8	9.88	9	9.16	12	9.76	Feb. 23	10.36
15	9.88	16	9.25	19	9.77	Mar. 30	10.58
22	9.84	23	9.27	26	9.77	Apr. 27	10.77
29	9.86	30	9.28	June 2	9.77	May 25	10.94
Feb. 5	9.93	Oct. 7	9.28	9	9.70	June 29	10.99
13	9.99	14	9.31	16	9.68	July 27	10.58
20	9.96	21	9.31	23	9.55	Aug. 24	10.32
26	9.91	28	9.34	30	9.36	Oct. 5	10.40
Mar. 4	9.92	Nov. 4	9.34	July 7	9.32	26	10.36
11	9.92	11	9.35	14	9.18	Nov. 30	10.39
18	10.10	18	9.39	21	9.11	Dec. 28	10.34
25	10.10	25	9.40	28	9.08	Jan. 25, 1971	10.23
Apr. 1	10.14	Dec. 2	9.40	Aug. 4	9.26	Mar. 29	10.57
8	10.16	9	9.36	11	9.34	Apr. 26	10.64
15	10.18	16	9.37	18	9.44	May 24	10.61
22	10.20	23	9.37	25	9.48	June 28	10.37
29	10.20	30	9.32	Sept. 1	9.49	Aug. 30	9.62
May 6	10.27	Jan. 6, 1969	9.32	8	9.53	Sept. 27	9.63
13	10.29	13	9.32	15	9.62	Oct. 25	9.65
20	10.34	20	9.32	22	9.65	Nov. 22	9.69
27	10.34	27	9.35	29	9.68	Dec. 27	9.66
June 3	10.34	Feb. 3	9.43	Oct. 6	9.72	Jan. 31, 1972	9.59
10	10.39	10	9.40	13	9.78	Feb. 28	9.64
17	10.42	17	9.42	20	9.72	Mar. 26	9.85
24	10.43	25	9.41	27	9.84	Apr. 23	9.98
July 1	10.44	Mar. 10	9.38	Nov. 3	9.90	May 22	10.12
8	10.38	17	9.61	17	9.89	June 26	10.64
15	10.11	24	9.64	24	9.96	July 31	10.48
22	9.88	31	9.68	Dec. 1	9.95	Aug. 28	10.42
29	9.68	Apr. 7	9.68	8	9.95	Sept. 25	10.90
Aug. 5	9.51	11	9.68	15	9.97	Oct. 30	11.25
12	9.36	21	9.67	22	10.00	Nov. 27	11.50
19	9.22	28	9.71	29	10.19	Dec. 31	11.68
26	9.25						

405149N0725322.1. Local number S5517. Brookhaven National Laboratory. Upton Rd. and Princeton Ave., Upton. Drilled observation water-table well in deposits of late Pleistocene age, diam 4 in, depth 91 ft, screened 85-91. Lsd 115.0 ft above msl. MP top of casing, 0.04 ft above lsd. Highest water level 46.93 above msl, June 25, 1958; lowest 33.34 above msl, Mar. 1, 1967. Records available: 1948-72.

Jan. 30, 1968	+37.17	May 29, 1969	+36.93	May 11, 1970	+40.12	Apr. 26, 1971	+37.82
Feb. 27	36.45	June 26	37.02	June 15	39.49	June 8	40.04
Apr. 2	37.98	July 31	36.79	July 23	39.40	29	39.78
26	38.20	Aug. 29	37.08	Sept. 1	39.32	July 26	39.85
May 22	37.89	Oct. 1	37.32	Oct. 9	39.00	Sept. 1	39.84
July 2	37.13	28	37.35	22	38.44	22	38.88
31	36.75	Nov. 24	37.83	Nov. 23	37.66	Dec. 17	36.84
Aug. 29	36.26	Dec. 22	37.68	Jan. 7, 1971	37.45	Mar. 27, 1972	38.09
Sept. 26	36.00	Feb. 25, 1970	39.08	29	37.59	July 11	40.15
Oct. 24	36.37	Mar. 10	38.56	Feb. 24	37.71	Oct. 4	39.95
Apr. 28, 1969	36.86	Apr. 9	38.83	Mar. 12	37.43	Dec. 27	40.25

405223N0725234.1. Local number S6434. Brookhaven National Laboratory. 10th St. and Fourth Ave., Upton. Drilled observation artesian well in Lloyd aquifer (previously reported Lloyd Sand Member of Raritan Formation), diam 10 in, depth 1,395 ft., screened 1,312-1,392. Lsd 85.0 ft above msl. MP top of 2-in nipple, 2.21 ft above lsd. Highest water level 35.20 above msl, July 29, 1958; lowest 28.74 above msl, Mar. 1, 1967. Records available: 1949-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+30.41	Feb. 28, 1969	+30.38	Mar. 10, 1970	+31.34	Mar. 12, 1971	+31.12
Feb. 27	30.31	Mar. 28	30.21	Apr. 9	31.62	Apr. 26	31.43
Apr. 2	30.61	Apr. 28	30.61	May 11	31.82	June 8	31.44
26	31.03	May 29	30.73	June 15	31.90	29	31.11
May 22	31.01	June 26	30.52	July 23	31.74	July 26	31.12
July 2	31.11	July 31	30.77	Sept. 1	31.65	Sept. 1	30.77
31	30.75	Aug. 29	30.54	Oct. 9	31.35	22	31.48
Aug. 29	30.56	Oct. 1	30.59	Nov. 23	31.37	Dec. 17	30.63
Sept. 26	30.65	28	30.48	Dec. 17	31.56	Jan. 29, 1972	30.32
Oct. 24	30.44	Nov. 24	30.39	Jan. 7, 1971	31.16	Apr. 11	30.78
Nov. 26	30.31	Dec. 22	30.84	29	31.01	July 11	31.58
Jan. 2, 1969	30.41	Jan. 15, 1970	30.60	Feb. 24	31.21	Oct. 4	31.61
23	30.27	Feb. 25	31.32			Dec. 27	32.45

405223N0725234.2. Local number S6455. Brookhaven National Laboratory. 10th St. and Fourth Ave., Upton. Drilled observation artesian well in sands of Magothy aquifer, previously reported sands of Magothy(?) Formation, diam 4 in, depth 962 ft., screened 952-962. Lsd 84.6 ft above msl. MP top of casing, 0.16 ft below lsd. Highest water level 41.70 above msl, June 25, 1958; lowest 33.82 above msl, Dec. 27, 1966, Mar. 1, 1967. Records available: 1949-52, 1954-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+36.49	Jan. 2, 1969	+36.19	Apr. 9, 1970	+38.37	Apr. 26, 1971	+36.55
Feb. 27	36.50	Mar. 23	36.27	May 11	38.65	June 8	37.54
Apr. 2	37.17	Mar. 28	36.05	June 15	38.45	Jan. 29, 1972	37.24
26	37.45	Apr. 28	36.62	July 23	38.06	July 26	37.06
May 22	37.27	July 31	36.44	Sept. 8	37.64	Sept. 1	36.66
July 3	37.02	Aug. 29	36.41	Oct. 9	37.19	22	36.43
31	36.75	Sept. 26	36.38	22	37.15	Dec. 17	36.25
Aug. 29	36.44	Oct. 28	36.21	Nov. 23	37.28	Mar. 15, 1972	36.77
Sept. 26	36.26	Nov. 24	36.25	Jan. 7, 1971	36.90	July 11	38.35
Oct. 24	35.88	Feb. 25, 1970	37.84	Feb. 24	37.03	Oct. 4	37.77
Nov. 26	35.89	Mar. 10	37.81	Mar. 12	37.25	Dec. 27	38.87

410100N0722925.1. Local number S6542. Cutchogue Fire Dept. Depot Lane, Cutchogue. Drilled fire-protection water-table well in deposits of late Pleistocene age, diam 6 in, depth 36 ft., screen assumed at bottom. Lsd 24.4 ft above msl. MP bottom edge of hose connection, 1.79 ft above lsd. Highest water level 8.27 above msl, May 29, 1958; lowest 2.66 above msl, Aug. 31, 1966. Records available: 1949-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 30, 1968	+5.30	Jan. 29, 1969	+4.34	Mar. 11, 1970	+5.85	Apr. 23, 1971	+4.45
Feb. 27	5.20	Mar. 29	4.97	Apr. 9	6.65	May 28	5.58
Mar. 29	6.34	May 1	5.05	May 11	6.80	June 7	6.08
Apr. 26	6.13	23	5.08	June 15	6.36	25	5.71
May 21	5.31	June 27	4.80	July 23	5.74	July 27	4.96
July 1	5.40	July 30	4.36	Aug. 28	5.23	Sept. 1	4.81
30	4.44	Aug. 27	4.39	Oct. 8	4.77	22	4.45
Aug. 30	4.10	Sept. 30	4.20	Nov. 26	4.60	Dec. 17	4.27
Sept. 27	3.85	Nov. 4	4.17	Nov. 25	4.84	Mar. 21, 1972	5.25
Oct. 25	3.63	24	4.25	Jan. 6, 1971	5.36	July 7	6.47
Nov. 27	3.68	Dec. 22	4.36	Feb. 23	5.20	Oct. 2	5.46
Jan. 3, 1969	4.14	Feb. 25, 1970	6.09	Mar. 12	5.02	Dec. 29	6.44

405309N0722330.1. Local number S8836. Southampton Fire Dept. Nugent St., Southampton. Drilled fire-protection water-table well in deposits of late Pleistocene age, diam 8 in, depth 37 ft., screen assumed at bottom. Lsd 17.4 ft above msl. MP top of casing, 1.47 ft above lsd. Highest water level 8.88 above msl, Apr. 29, 1953; lowest 4.93 above msl, Aug. 30, 1968. Records available: 1950-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 29, 1968	+7.04	Feb. 28, 1969	+6.71	May 11, 1970	+7.71	May 28, 1971	+7.06
Feb. 27	6.92	Mar. 27	7.02	June 15	7.31	June 8	6.89
Mar. 29	7.63	Apr. 30	7.29	July 23	6.93	25	6.75
Apr. 25	7.70	May 29	6.97	Aug. 28	6.50	July 27	6.42
May 21	7.30	June 27	6.85	Oct. 8	5.15	Sept. 1	6.33
July 1	5.77	July 30	6.66	23	6.28	23	5.91
30	5.56	Nov. 24	6.22	Nov. 24	6.51	Dec. 17	5.61
Aug. 30	4.93	Dec. 22	6.34	Jan. 6, 1971	6.39	Mar. 22, 1972	6.40
Sept. 26	6.07	Jan. 15, 1970	6.85	28	5.76	July 7	7.99
Nov. 26	6.14	Feb. 25	7.00	Feb. 23	6.89	Oct. 2	7.01
Dec. 27	5.07	Mar. 11	6.32	Mar. 15	7.13	Dec. 29	7.40
Jan. 24, 1969	6.37	Apr. 9	7.67	Apr. 27	7.05		

References

- Cohen, Philip, Franke, O. L., and McClymonds, N. E., 1969, Hydrologic effects of the 1962-66 drought on Long Island, New York: U.S. Geol. Survey Water-Supply Paper 1879-F, 18 p.
- Franke, O. L., and McClymonds, N. E., 1972, Summary of the hydrologic situation on Long Island, New York, as a guide to water-management alternatives: U.S. Geol. Survey Prof. Paper 627-F, 57 p.
- Frimpter, M. H., 1972, Ground-water resources of Orange and Ulster Counties, New York: U.S. Geol. Survey Water-Supply Paper 1985, 80 p.
- Giese, G. L., and Hobbs, W. A., Jr., 1970, Water resources of the Champlain-upper Hudson Basins in New York State: New York State Office of Planning Coordination Report, 153 p.
- Kantrowitz, I. H., 1970, Ground-water resources in the Eastern Oswego River Basin, New York: New York State Water Resources Commission Basin Planning Report ORB-2, 129 p.
- Kimmel, Grant E., 1971, The water table on Long Island, New York, in March 1970: Long Island Water Resources Bull. No. 2, 8 p.

References--Continued.

- La Sala, A. M., Jr., 1968, Ground-water resources of the Erie-Niagara Basin, New York: New York State Water Resources Commission Basin Planning Report ENB-3, 114 p.
- Perlmutter, N. M., and Guerrera, A. A., 1970, Detergents and associated contaminants in ground water at three public-supply well fields in southwestern Suffolk County, Long Island, New York: U.S. Geol. Survey Water-Supply Paper 2001-B, 22 p.
- Soren, Julian, 1971, Ground-water and geohydrologic conditions in Queens County, Long Island, New York: U.S. Geol. Survey Water-Supply Paper 2001-A, 39 p.
- _____, 1971, Results of subsurface exploration in the Mid-Island area of western Suffolk County, Long Island, New York: Long Island Water Resources Bull. No. 1, 60 p.

OHIO

The observation-well program was continued in Ohio during the period 1968 through 1972 in cooperation with the Ohio Department of Natural Resources, Division of Water, and the Miami Conservancy District. 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.

The local well numbers are designated by abbreviations derived from county names and by serial numbers. The letter "a" after the serial number indicates a well whose record is considered to be an extension of that of the well having a corresponding number. For example, the record of Wn-2a may be used as a continuation of the record of well Wn-2.

Well Descriptions and Water-Level Measurements

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

Auglaize County

403313N0835352.1. Local number Au-1. C. W. Manchester. Drilled unused artesian well in limestone, diam 4 in, depth 96 ft, casing information not available. Lsd 1,035 ft above msl. MP floor of instrument shelter, 3.70 ft above lsd. Highest water level 14.33 below lsd, Apr. 11, 1948; lowest 27.35 below lsd, Jan. 21, 22, 1965. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	20.21	20.16	20.17	20.03	19.98	20.21	20.26	20.17	20.72	21.08	20.62
10	.....	19.97	20.28	20.12	20.04	20.22	20.32	20.18	20.19	20.79	21.04	20.57
15	.....	19.95	20.37	20.13	20.04	20.31	20.34	20.15	20.28	20.86	21.07	20.45
20	.....	19.94	20.39	20.34	20.21	20.23	20.28	20.06	20.44	20.94	21.03	20.43
25	20.39	20.06	20.28	20.97	20.12	20.17	20.29	19.98	20.43	20.98	20.98	20.37
Eom	20.35	20.08	20.30	20.23	19.96	20.14	20.30	20.19	20.58	21.03	20.90	20.19
1969												
5	20.13	19.91	19.90	18.59	19.52	17.54	17.98	18.87	19.81	19.99	20.98	20.71
10	20.12	19.85	19.92	18.00	19.29	17.52	17.95	18.88	19.53	20.22	20.91	20.52
15	20.19	19.78	20.00	18.49	19.40	17.60	18.15	19.75	19.78	21.09	21.03	20.38
20	20.16	19.85	19.96	19.28	19.15	17.62	18.21	19.16	19.79	21.40	21.05	20.30
25	20.17	19.90	18.43	19.44	19.23	17.92	18.56	19.19	19.73	21.53	21.08	20.17
Eom	19.99	19.89	19.80	19.49	19.08	17.96	18.62	19.53	20.58	21.34	20.89	20.13
1970												
5	20.14	20.06	19.40	19.13	18.80	18.72	19.53	20.01	21.07	21.79	.....	22.56
10	20.19	19.77	19.29	19.08	18.69	18.86	19.46	20.27	21.25	.....	.....	22.65
15	20.23	19.66	19.30	19.05	18.51	19.29	19.85	20.52	21.62	.....	.....	22.52
20	20.29	19.65	19.24	18.88	18.70	19.15	19.91	20.49	21.40	22.04	22.48	22.41
25	20.31	19.53	19.23	18.86	18.49	19.11	19.92	20.63	21.60	.....	22.62	22.22
Eom	20.25	19.59	19.24	18.77	19.03	19.32	19.90	20.88	21.68	.....	22.59	22.08
1971												
5	21.88	21.25	20.62	19.87	20.14	19.51	19.73	18.46	19.06	19.04	19.62	22.20
10	21.69	21.50	20.48	19.85	19.63	19.61	20.46	18.46	19.39	19.00	20.78	21.97
15	21.55	21.66	20.18	19.75	19.58	19.60	19.62	18.56	19.22	19.09	21.69	21.77
20	21.47	20.94	20.05	19.80	19.45	19.73	19.67	18.67	19.43	19.09	21.84	21.68
25	21.31	20.78	19.97	19.99	19.37	19.82	19.48	18.82	19.18	19.19	22.10	21.57
Eom	21.42	20.71	19.85	20.06	19.59	19.76	18.56	19.17	19.11	19.30	22.16	21.28
1972												
5	21.99	20.38	24.85	20.68	20.73	21.36	21.74	22.13	22.80	22.92	22.24	20.86
10	21.70	20.45	21.99	20.68	20.71	21.53	21.77	22.55	23.10	22.93	21.94	20.84
15	.....	20.30	21.09	20.59	20.72	21.63	21.76	22.39	22.88	22.80	21.55	20.75
20	.....	20.53	20.88	20.56	20.84	21.68	21.88	22.55	22.99	22.67	21.40	.....
25	.....	24.85	20.78	20.71	20.98	21.57	21.94	22.48	23.03	22.54	21.19	.....
Eom	20.33	.....	20.62	20.66	21.12	21.69	22.14	22.77	22.92	22.41	21.02	.....

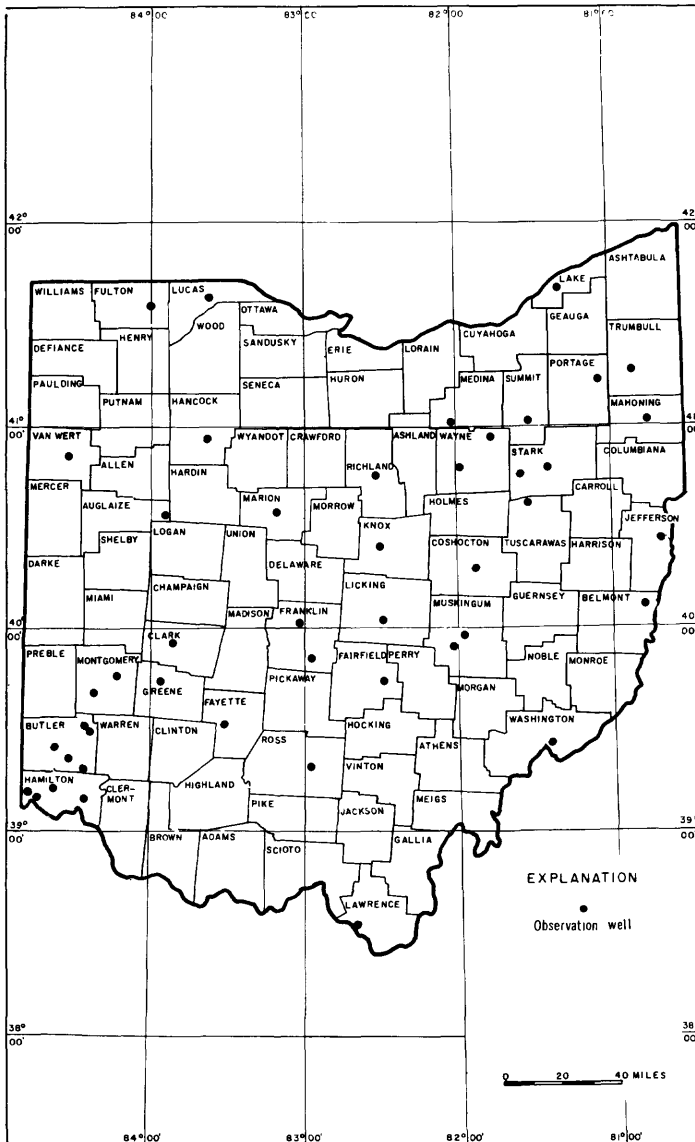


Figure 11.--Location of observation wells in Ohio, 1968-72.

Belmont County

400619N0804232.1. Local number B-1. City of Martins Ferry. Drilled unused water-table well in gravel, diam 40 in, depth 79 ft, cased to 79. Lsd 650 ft above ms1. MP floor of instrument platform, 14.00 ft above lsd. Highest water level 0.05 below lsd, Mar. 11, 1964; lowest 38.85 below lsd, Sept. 18, 1968. Records available: 1948-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	35.40	26.30	38.00	32.50	36.50	32.35	36.70	36.80	36.75	38.15	36.65	33.05
10	35.85	30.00	37.00	33.40	36.50	35.25	36.85	36.75	36.70	37.90	36.40	33.00
15	36.25	34.55	33.15	35.50	32.85	35.35	36.80	36.60	37.65	36.80	36.10	35.50
20	36.30	36.45	31.30	36.40	28.90	35.75	37.50	36.30	37.90	36.90	32.55	35.30
25	35.80	36.55	28.90	36.40	23.80	36.90	37.05	36.65	38.30	37.00	34.00	33.45
Eom	26.90	37.25	32.10	36.65	28.80	36.25	37.20	36.75	37.85	36.85	33.70	32.70
1969												
5	32.25	28.45	37.00	32.50	35.45	36.60	35.60	36.40	36.40	36.90	36.55	36.70
10	35.00	32.90	36.05	30.20	31.00	36.40	35.85	36.50	35.90	36.85	36.80	35.35
15	36.50	35.00	37.20	33.20	32.60	36.40	35.80	36.30	36.10	36.95	36.90	31.10
20	33.30	35.60	37.05	31.70	34.10	37.00	36.70	34.35	36.35	36.75	35.90	34.00
25	32.45	36.10	34.50	31.95	34.50	36.90	35.90	35.70	37.15	36.80	35.60	35.95
Eom	30.00	36.40	34.65	33.50	35.55	37.20	36.00	36.10	35.40	36.95	36.20	34.00
1970												
5	33.85	28.10	33.20	21.65	34.10	36.00	36.00	35.30	36.75	36.45	26.90	30.20
10	36.30	30.80	31.30	27.30	35.65	35.90	26.25	36.10	36.15	36.10	30.55	31.45
15	36.30	32.70	33.60	31.90	34.70	36.20	36.00	36.50	36.15	33.25	31.35	29.55
20	36.20	33.40	34.30	32.90	33.45	32.85	34.70	36.40	36.60	34.35	31.70	28.40
25	36.50	34.55	33.15	29.30	34.70	36.60	35.70	35.70	36.70	34.90	32.40	23.55
Eom	26.15	34.95	31.95	31.30	34.80	36.70	35.85	36.30	35.60	32.15	32.10	31.40
1971												
5	29.80	34.85	23.00	32.60	36.15	36.00	36.50	34.45	35.50	35.00	35.95	33.75
10	29.30	32.85	26.75	34.00	28.00	35.60	36.45	35.85	35.70	35.30	35.20	36.80
15	31.75	30.70	27.35	34.50	29.60	35.35	36.80	35.15	30.00	36.00	35.95	31.40
20	34.30	26.35	27.50	35.25	34.05	36.15	36.05	35.40	33.15	36.45	34.80	33.25
25	35.00	20.40	30.75	34.85	35.20	36.50	35.95	36.35	34.45	35.70	34.55	30.75
Eom	34.75	20.45	31.55	36.15	35.55	36.75	36.25	36.20	34.60	36.25	34.25	30.75
1972												
5	28.40	34.70	19.30	32.95	30.60	35.65	.....	34.50	35.25	34.00	31.80	31.25
10	32.25	36.10	24.25	29.95	31.30	35.70	.....	35.75	35.90	33.40	30.60	18.00
15	30.45	33.90	21.35	27.50	31.70	35.15	22.65	36.15	34.55	35.25	28.45	23.80
20	33.95	34.75	25.30	31.55	33.30	35.15	34.10	35.00	35.75	35.85	29.95	25.80
25	32.75	34.00	27.30	34.60	34.95	.....	35.05	35.35	36.45	35.25	30.85	21.85
Eom	34.40	30.10	32.80	30.60	35.65	.....	34.80	36.30	34.45	35.30	31.00	24.00

Butler County

393115N0842416.1. Local number Bu-1. City of Middletown. Columbia Ave., Middletown. Drilled unused artesian well in gravel, diam 8 in, depth 62 ft, cased to 62. Lsd 649.9 ft above ms1. MP floor of instrument platform, 2.80 ft above lsd. Highest water level 3.25 below lsd, May 4, 1947; lowest 41.10 below lsd, Sept. 25, 1941. Records available: 1941-71. Measurement discontinued July 1971. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.25	29.25	30.80	29.86	30.97	25.00	28.01	29.65	30.95	31.53	32.69	30.91
10	30.44	29.21	31.00	29.64	31.14	26.02	28.70	29.74	31.00	31.49	32.45	30.63
15	30.75	29.65	31.55	29.95	30.80	26.65	29.33	29.70	31.00	31.61	32.21	30.94
20	31.31	30.00	31.72	30.29	30.51	26.94	29.49	29.75	31.21	31.80	32.14	31.34
25	31.38	30.54	31.08	30.39	28.40	27.53	29.85	29.10	31.26	31.85	31.83	30.85
Eom	31.15	30.74	30.06	30.74	24.51	27.65	29.34	30.16	31.37	32.34	31.58	30.08
1969												
5	29.55	25.60	29.20	30.38	29.79	29.03	29.01	30.60	31.59	31.98	32.24	31.72
10	29.53	25.94	29.54	29.80	29.79	29.19	29.10	30.60	31.61	32.28	32.52	31.77
15	29.80	26.70	30.09	29.76	29.50	29.50	29.68	30.26	31.94	32.26	32.35	31.41
20	30.01	27.70	30.50	30.01	29.33	29.64	30.03	30.58	32.10	32.12	32.06	31.54
25	29.04	28.37	30.78	29.13	27.99	29.38	29.69	30.68	31.98	32.44	31.94	31.49
Eom	27.76	28.76	30.48	29.25	28.78	28.85	29.93	31.31	31.87	32.31	31.64	31.77
1970												
5	32.07	30.63	31.43	28.11	25.95	28.83	29.80	31.30	31.75	31.93	32.15	36.60
10	32.23	30.64	30.39	26.62	26.65	28.71	29.85	31.25	31.72	32.23	32.14	31.46
15	32.25	30.86	30.15	27.05	27.40	29.10	30.21	31.00	31.43	32.48	32.22	31.22
20	32.63	31.00	30.50	27.18	27.34	29.41	30.44	31.02	31.37	32.20	32.28	31.13
25	32.60	30.99	30.42	27.37	28.03	29.60	31.11	31.25	32.13	32.20	32.09	31.20
Eom	32.63	31.20	30.28	25.97	28.35	29.65	31.28	31.55	32.02	32.19	31.82	31.17
1971												
5	31.15	31.86	28.52	28.58	29.85	28.77	29.79	.....	.....	.....	.....	.....
10	31.93	31.35	28.51	28.70	28.88	28.53	30.03	.....	.....	.....	.....	.....
15	31.22	31.35	28.85	29.43	28.36	29.20	30.32	.....	.....	.....	.....	.....
20	31.00	31.25	28.41	29.04	28.65	30.03	30.63	.....	.....	.....	.....	.....
25	31.31	29.21	28.48	29.30	28.84	30.40	.....	.....	.....	.....	.....	.....
Eom	31.59	28.63	28.73	29.40	28.87	29.44	.....	.....	.....	.....	.....	.....

392939N0842317.1. Local number Bu-3. American Rolling Mill Co. Crawford St. and South Ave., Middletown. Drilled unused artesian well in gravel, diam 24 in, depth 250 ft, cased to 250. Lsd 670 ft above ms1. MP floor of instrument shelter, 1.08 ft above lsd. Highest water level 69.89 below lsd, Sept. 25, 1972; lowest 147.27 below lsd, Apr. 4, 1955. Records available: 1955-72. Water levels affected by pumping.

392939N0842317.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	102.20	102.12	.....	101.12	99.20	99.05	96.05	96.00	92.88	87.94	85.17
10	102.45	102.12	102.95	99.55	99.55	98.04	98.08	97.19	95.25	91.71	87.57	85.07
15	102.88	101.96	102.15	99.76	99.44	...	99.59	99.53	95.29	90.38	87.05	84.66
20	103.05	100.24	.....	100.33	100.35	98.70	100.30	95.20	95.40	89.58	85.68	86.35
25	100.98	100.70	.....	100.28	100.90	99.42	97.95	96.20	95.00	90.30	87.21	87.10
Eom	101.67	102.11	.....	100.67	100.87	99.72	96.33	95.27	95.02	89.36	85.00	85.71
1969												
5	85.39	85.87	81.25	79.24	.....	80.13	80.59	.....	81.23	80.90	79.34	79.95
10	84.19	86.60	80.43	81.28	79.94	79.26	81.50	.....	80.04	78.50	79.20	78.69
15	82.72	84.80	82.06	79.46	79.69	79.18	.....	81.24	79.62	80.20	79.05	78.74
20	83.28	81.59	82.09	80.39	80.45	79.29	.....	81.04	79.55	80.69	80.07	80.15
25	85.46	82.54	81.59	78.16	80.90	79.17	.....	80.86	80.45	80.25	80.12	78.66
Eom	85.96	82.90	80.47	.....	80.40	79.77	.....	81.28	80.75	80.09	79.98	78.51
1970												
5	78.97	78.07	78.37	.....	76.25	76.91	.....	.....	82.26	.....	.....	.....
10	79.71	78.59	76.13	.....	75.97	76.92	.....	.....	83.86	83.86	77.75	76.90
15	77.57	79.05	77.68	.....	75.89	76.95	.....	.....	.....	.....	77.55	76.75
20	78.95	78.33	77.52	.....	76.80	.....	.....	.....	.....	.....	78.07	76.35
25	78.85	76.24	.....	.....	76.71	.....	.....	.....	.....	.....	77.10	75.15
Eom	78.06	78.15	77.45	.....	77.36	.....	.....	80.11	.....	80.31	.....	74.82
1971												
5	74.55	74.20	74.56	77.15	74.06	75.03	.....	74.79	75.68	76.05	75.00	73.65
10	.....	74.50	74.39	77.60	75.30	74.62	.....	74.42	76.03	75.94	73.82	73.82
15	.....	74.62	.....	77.61	76.33	74.24	.....	74.63	73.30	74.25	73.14	73.39
20	.....	74.25	77.07	75.90	76.75	74.15	76.30	74.54	74.91	73.75	75.64	73.54
25	.....	74.46	.....	74.75	77.12	77.14	75.58	74.30	75.20	73.05	74.85	72.74
Eom	.....	74.63	76.77	74.47	75.95	.....	75.11	75.40	75.80	75.03	74.75	73.92
1972												
5	73.84	74.03	74.30	72.93	72.49	74.83	73.61	73.91	71.57	71.13	72.20	71.25
10	73.50	73.43	73.91	72.85	73.43	72.43	73.45	73.68	70.63	71.26	72.70	70.70
15	73.93	75.29	73.47	73.00	72.28	74.35	73.33	71.71	71.80	70.68	72.79	71.30
20	73.95	76.27	73.46	72.95	72.25	74.53	74.19	71.20	71.09	70.63	72.82	71.41
25	74.47	76.44	73.26	72.71	73.30	74.23	74.00	70.97	69.89	70.71	72.59	71.73
Eom	73.85	76.45	73.12	72.40	73.32	73.04	73.79	71.86	70.21	70.93	72.55	73.27

392553N0843149.1. Local number Bu-4. Armco Steel Corp. New Miami. Drilled unused artesian well in gravel, diam 26 in, depth 177 ft, cased to 177. Lsd 600 ft above msl. MP floor of instrument shelter, 3.00 ft above lsd. Highest water level 18.15 below lsd, Jan. 24, 1959; lowest 47.95 below lsd, Dec. 28, 1954. Records available: 1949-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	34.55	31.45	32.40	32.50	32.40	27.10	.....	32.00	34.20	32.25	32.10	30.95
10	34.35	31.90	32.80	32.55	32.90	29.15	30.60	32.00	34.05	32.60	31.60	30.85
15	33.90	31.80	33.65	32.30	33.00	30.35	31.45	31.85	34.10	32.95	32.45	31.25
20	34.20	31.75	33.60	32.05	32.75	.....	32.60	32.70	33.00	32.45	31.10	30.65
25	34.00	31.55	33.00	32.20	32.10	.....	32.35	33.15	32.70	32.20	31.30	30.65
Eom	32.90	31.90	31.50	32.45	29.85	31.15	32.30	33.80	32.40	33.00	31.55	30.60
1969												
5	30.20	28.70	32.00	32.70	33.00	34.35	34.10	34.80	34.80	34.60	34.85	34.60
10	30.30	28.90	32.45	32.55	33.50	34.75	34.00	34.65	34.80	35.15	34.80	34.40
15	31.00	29.35	32.60	31.85	33.75	34.65	34.00	34.25	34.50	.....	35.10	34.10
20	30.20	29.80	33.20	32.25	33.75	35.00	34.90	34.15	34.55	.....	35.35	34.75
25	30.30	30.95	33.00	31.85	32.75	34.00	34.65	34.20	34.50	.....	34.60	34.50
Eom	28.70	31.70	32.70	32.25	33.90	33.15	34.30	34.70	34.35	34.80	34.40	33.85
1970												
5	33.45	33.40	33.60	28.60	30.00	31.90	32.75	33.70	35.10	34.35	34.50	34.20
10	33.60	33.35	32.15	29.30	29.90	31.75	33.00	33.95	35.30	34.30	34.60	35.00
15	34.25	33.55	32.35	30.00	30.30	31.70	33.20	34.25	35.62	33.95	34.25	35.15
20	33.65	.....	32.50	30.85	30.20	32.20	34.00	34.20	35.40	33.15	34.65	34.95
25	33.70	.....	31.95	29.90	31.30	32.40	34.15	33.85	35.15	34.45	34.00	34.65
Eom	32.45	.....	31.90	29.45	31.00	32.30	34.45	34.40	34.75	34.10	34.70	34.45
1971												
5	35.10	36.05	31.05	30.75	32.15	34.65	35.95	34.65	33.70	34.35	37.15	36.95
10	34.60	34.80	31.95	30.95	30.85	35.45	37.00	34.00	34.15	34.25	37.00	37.45
15	33.70	34.05	29.65	31.40	31.30	36.00	37.10	33.80	34.10	35.50	37.10	36.70
20	34.15	.....	29.65	31.40	33.00	35.90	36.40	35.20	33.90	35.15	36.95	36.65
25	34.90	30.15	30.25	32.10	33.75	35.65	35.95	34.00	34.00	35.95	37.40	36.05
Eom	35.75	.....	30.40	32.95	34.00	35.45	36.45	33.95	34.30	36.70	37.25	36.55
1972												
5	34.45	36.50	34.45	34.50	32.80	33.60	33.90	35.50	37.85	36.20	35.60	33.00
10	36.00	37.50	34.00	34.05	32.25	33.55	34.40	35.80	37.00	35.90	35.25	30.55
15	35.15	37.15	34.00	32.75	32.10	33.45	34.40	35.70	36.75	36.40	32.90	31.05
20	35.60	36.60	33.50	32.25	31.25	33.30	34.55	36.10	36.45	36.15	33.60	30.45
25	35.85	37.10	33.60	31.50	33.15	32.80	34.60	37.15	36.60	36.30	32.45	30.95
Eom	36.10	37.60	33.95	31.60	33.95	33.85	35.30	37.95	35.60	36.30	32.45	31.45

392048N0843114.1. Local number Bu-8. City of Hamilton. Drilled unused artesian well in gravel, diam 6 in, depth 200 ft, cased to 200. Lsd 630 ft above msl. MP floor of instrument shelter, 4.13 ft above lsd. Highest water level 38.20 below lsd, June 8, 1947; lowest 71.70 below lsd, Oct. 24, 1944. Records available: 1944-72.

392048N0843114.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	58.74	58.65	.....	57.41	56.33	48.05	48.37	50.28	52.00	53.80	55.17	56.45
10	58.55	58.23	.....	57.00	56.24	47.40	48.69	50.49	52.30	54.03	55.53	56.45
15	58.78	.....	.....	56.63	55.39	47.54	49.07	50.80	52.63	54.24	55.65	56.44
20	58.75	.....	.....	56.35	55.18	47.57	49.37	51.15	53.00	54.46	56.13	56.55
25	58.75	58.30	58.44	56.29	53.77	47.55	49.67	51.42	53.16	54.70	56.27	56.60
Eom	58.90	58.15	57.55	56.10	49.61	47.95	49.90	51.65	53.54	55.05	56.58	55.90
1969												
5	55.50	52.55	50.91	51.83	51.97	59.58	53.85	54.78	55.88	56.95	57.92	58.34
10	55.58	52.02	51.00	51.88	52.00	52.74	54.00	55.01	56.13	56.95	58.06	58.14
15	55.48	51.02	51.38	51.89	52.15	53.06	59.33	55.14	56.18	57.28	58.37	58.16
20	55.25	50.83	51.22	52.19	52.30	53.29	54.45	55.35	56.40	57.31	58.54	58.13
25	55.18	50.68	51.50	51.88	52.28	53.49	54.37	55.46	56.50	57.63	58.27	58.22
Eom	54.36	50.70	52.00	52.01	52.30	53.68	54.61	55.75	56.52	57.67	58.06	58.31
1970												
5	58.33	57.63	55.64	49.38	46.23	47.00	49.57	51.83	53.59	55.12	56.25	57.35
10	58.37	56.76	.....	47.93	46.20	47.04	49.88	52.18	54.00	55.41	56.51	57.47
15	58.33	56.40	.....	47.82	46.38	47.30	50.25	52.55	54.18	55.66	56.77	57.61
20	58.46	56.45	.....	47.27	46.51	47.79	50.75	52.65	54.35	55.69	56.95	57.71
25	58.25	55.89	.....	47.28	46.48	48.35	51.16	52.90	54.73	55.80	56.98	57.14
Eom	58.40	56.18	51.44	46.35	46.92	49.02	51.31	53.34	54.75	56.15	57.07	56.73
1971												
5	56.90	56.21	51.83	49.23	49.76	50.81	52.93	54.87	56.25	57.27	58.17	58.85
10	56.32	56.10	50.87	49.37	49.60	51.27	53.33	54.95	56.39	57.33	58.17	58.73
15	56.47	55.73	49.82	49.12	49.37	51.58	53.55	55.32	56.70	57.60	58.40	58.60
20	56.20	55.17	49.36	49.11	49.47	52.00	54.04	55.51	56.94	57.77	58.34	58.25
25	55.94	53.97	49.27	49.24	49.80	52.31	54.15	55.75	57.07	57.90	58.61	58.45
Eom	56.25	52.90	49.08	49.55	50.28	52.65	54.62	56.07	57.14	57.97	58.86	58.52
1972												
5	58.38	58.10	57.52	56.21	50.98	49.68	50.73	52.59	54.23	55.67	56.03	52.53
10	57.83	58.05	57.41	55.75	50.61	50.00	50.95	52.94	54.65	55.98	55.29	51.82
15	58.37	57.87	57.00	54.70	49.42	50.11	51.15	53.12	54.78	56.03	54.69	50.52
20	57.85	58.10	57.01	53.06	49.26	49.96	51.67	53.37	55.13	56.24	53.68	49.63
25	58.28	57.69	56.52	51.73	49.30	50.04	51.80	53.66	55.29	56.26	53.04	49.17
Eom	57.79	57.65	56.20	51.06	49.46	50.29	52.25	54.03	55.48	56.53	53.13	48.82

391759N0842614.1. Local number Bu-9. Fox Paper Co. Crescentville. Drilled unused artesian well in gravel, diam 26 in, depth 90 ft, cased to 90. Lsd 586.87 ft above msl. MP floor of instrument shelter, 4.66 ft above lsd. Highest water level 3.77 below lsd, Jan. 27, 1949; lowest 24.40 below lsd, Mar. 16, 1954. Records available: 1938-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.95	15.30	15.23	12.38	13.35	9.42	12.54	13.57	14.80	16.55	17.60	16.33
10	16.45	14.67	15.46	12.42	13.29	10.50	12.73	13.32	15.16	16.72	17.72	16.33
15	16.46	14.75	15.52	12.67	11.39	11.42	13.25	13.39	15.42	16.90	17.61	16.03
20	16.27	15.00	15.04	12.76	11.80	11.94	13.23	13.53	15.70	17.15	17.77	15.84
25	16.03	15.21	13.43	12.65	8.98	11.97	13.31	13.78	15.74	17.25	17.47	15.66
Eom	15.50	15.15	12.45	12.72	8.25	12.44	13.45	14.19	16.23	17.62	17.30	14.25
1969												
5	13.88	11.20	12.45	12.96	12.87	13.50	14.94	14.74	15.58	15.43	15.50	13.88
10	14.17	10.15	12.69	12.80	12.83	13.68	15.21	14.80	15.27	15.27	15.53	13.17
15	14.32	10.10	13.21	12.90	13.00	14.15	15.55	15.01	15.16	15.52	15.64	13.42
20	13.56	11.18	13.01	12.89	12.95	14.32	15.82	15.29	15.24	15.45	14.20	13.82
25	13.60	11.66	12.85	12.69	.....	14.50	14.36	15.23	15.11	15.70	13.50	13.88
Eom	11.43	11.90	13.55	12.86	13.18	14.65	14.60	15.81	15.15	15.65	13.33	13.66
1970												
5	13.83	13.25	11.53	7.95	10.85	12.65	.....	.....	.....	15.21	14.97	15.37
10	13.94	12.60	10.84	8.85	11.26	11.90	.....	.....	.....	15.36	.....	15.43
15	13.95	12.80	11.58	10.17	11.46	12.28	.....	.....	.....	15.45	.....	15.45
20	13.95	13.31	11.02	10.45	11.91	12.66	.....	.....	.....	15.30	.....	15.20
25	13.95	12.90	10.75	10.22	12.05	.....	.....	.....	.....	15.02	.....	13.83
Eom	13.60	13.48	10.41	10.23	12.65	.....	.....	.....	.....	15.24	.....	13.66
1971												
5	13.18	13.15	9.62	11.81	13.07	13.37	15.54	16.13	14.92	12.98	13.78	13.68
10	12.99	13.67	9.60	12.27	12.05	13.71	15.93	15.73	14.33	13.10	13.76	12.69
15	13.25	12.97	9.50	12.21	12.27	14.03	15.65	16.17	14.02	13.52	13.96	12.01
20	13.49	12.05	10.17	12.32	12.66	14.45	.....	16.43	13.95	13.68	13.95	11.86
25	13.45	8.63	10.87	12.73	12.94	14.86	.....	16.79	13.40	13.54	14.30	12.30
Eom	14.00	8.50	11.35	13.10	13.05	15.33	16.14	16.92	12.80	13.65	14.15	12.10
1972												
5	12.10	13.18	12.35	12.27	11.13	12.08	13.05	14.34	16.12	16.50	15.26	12.33
10	11.50	13.25	12.50	11.47	10.51	12.54	13.12	14.50	16.51	16.58	14.24	10.84
15	12.38	12.80	12.31	10.50	9.83	12.59	13.26	14.77	16.54	16.24	12.94	10.65
20	12.05	13.24	12.37	9.45	10.37	12.53	13.72	15.10	16.97	16.30	12.52	10.58
25	12.25	12.78	11.74	9.78	11.18	12.42	13.90	15.41	17.06	15.97	12.09	10.92
Eom	12.67	12.73	11.88	10.33	11.68	12.68	14.25	15.81	16.67	16.10	12.42	.....

Clark County

395545N0835115.1. Local number C1-2. City of Springfield. Drilled unused artesian well in gravel, diam 6 in, depth 74 ft, cased to 74. Lsd 900 ft above msl. MP floor of instrument shelter, 2.00 ft above lsd. Highest water level 0.20 below lsd, Jan. 15, 1950; lowest 7.67 below lsd, Sept. 21, 1951. Records available: 1949-68. Measurement discontinued May 1968.

395545N0835115.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	6.13	5.27	6.51	5.75	6.58	....	....	....	....	....	....	....
15	6.23	5.84	6.45	6.14	6.63	....	....	....	....	....	....	....
15	6.34	6.08	6.62	6.15	5.90	....	....	....	....	....	....	....
20	6.38	6.29	6.30	6.28	....	....	....	....	....	....	....	....
25	6.10	6.38	5.83	6.39	....	....	....	....	....	....	....	....
Eom	4.11	6.55	5.78	6.52	....	....	....	....	....	....	....	....

Coshocton County

401735N0815238.1. Local number Cs-2. Coshocton Waterworks. Coshocton. Drilled unused water-table well in gravel, diam 6 in, depth 40 ft, cased to 40. Lsd 740 ft above msl. MP floor of instrument shelter, 8.50 ft above lsd. Highest water level 0.43 below lsd, Feb. 21, 1951; lowest 17.05 below lsd, Nov. 15, 1971. Records available: 1949-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.93	14.53	10.35	.....	7.65	13.28	13.65	14.91	15.34	15.55	14.00
10	7.93	14.40	11.63	.....	8.18	13.99	14.08	15.05	15.45	15.05	13.68
15	9.70	14.40	12.01	.....	8.40	13.79	14.60	14.58	15.40	15.66	14.36
20	13.15	13.37	13.11	.....	9.63	14.30	14.40	15.17	15.56	14.87	15.30
25	13.12	8.88	.....	10.41	12.84	13.24	14.52	15.85	16.00	15.38	13.87
Eom	13.70	14.08	8.20	.....	8.89	12.19	13.08	15.20	15.57	15.80	13.40	8.28

1969

5	9.57	....	....	12.52	....	12.22	....	....	....	13.87	13.39	14.32
10	....	....	....	....	....	13.55	....	....	14.17	14.89	13.79	13.68
15	....	....	....	....	....	14.31	6.19	....	13.85	14.94	14.17	13.45
20	....	....	....	....	11.56	13.98	....	....	14.17	15.16	13.35	14.04
25	....	13.36	13.82	....	9.23	13.55	....	....	14.64	15.23	12.35	13.79
Eom	....	13.60	12.53	....	9.97	12.94	....	....	14.78	14.32	13.15	14.47

1970

5	14.45	6.90	13.58	7.55	11.92	13.47	14.12	15.05	15.68	15.57	14.43	14.30
10	14.46	9.69	10.60	10.05	13.20	13.97	14.92	15.45	15.38	15.92	14.55	13.98
15	13.40	10.42	12.54	12.02	11.75	13.80	14.30	15.57	15.89	15.24	14.73	11.85
20	13.74	12.68	13.95	12.30	11.50	12.49	14.05	15.85	15.22	14.63	14.62	12.02
25	14.02	13.69	13.54	10.28	12.20	....	14.33	15.48	15.70	14.99	14.82	11.64
Eom	11.50	13.85	13.31	8.46	12.15	14.10	14.35	15.93	14.86	15.75	14.63	14.13

1971

5	13.40	14.90	8.43	13.35	15.87	14.34	14.63	15.98	16.35	15.97	16.84	16.04
10	13.20	13.62	9.95	13.60	9.08	14.13	14.65	16.26	16.46	15.70	16.84	15.15
15	....	14.04	8.79	14.17	11.25	14.53	14.02	15.93	16.20	16.45	16.23	15.76
20	14.82	13.45	9.39	14.62	12.97	15.12	15.06	16.71	16.16	16.48	16.09	14.57
25	15.23	7.71	11.40	14.36	13.96	15.53	15.40	16.52	16.46	16.13	15.67	14.09
Eom	15.76	5.97	12.83	15.93	13.00	15.40	15.40	16.45	16.33	15.91	16.36	14.95

1972

5	14.32	16.37	11.28	13.87	11.56	14.86	13.58	15.35	15.23	12.19	11.32	13.37
10	14.98	15.89	12.92	12.18	11.65	15.35	14.26	15.74	15.45	13.63	10.30	10.02
15	14.84	15.64	12.36	....	10.49	15.04	14.31	15.91	15.93	14.12	10.07	10.81
20	15.77	13.35	14.64	9.47	12.58	14.74	10.20	13.67	14.61	15.13	9.45	11.64
25	15.16	14.61	10.97	7.77	14.17	15.21	12.94	14.34	15.13	15.30	10.60	9.70
Eom	15.68	14.62	12.60	8.65	14.62	15.46	14.50	15.16	14.54	15.35	12.69	11.95

Fairfield County

394544N0822710.1. Local number F-1a. State of Ohio. West Rushville. Drilled test artesian well in sandstone, diam 6 in, depth 74 ft, casing information not available. Lsd 980 ft above msl. MP floor of shelter, 8.02 ft above lsd. Highest water level 7.27 below lsd, May 5, 6, 1962; lowest 19.81 below lsd, Mar. 1-4, 1964. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.83	14.68	13.84	12.28	13.41	10.34	12.90	15.18	16.57	17.51	18.23	18.43
10	15.76	13.67	14.12	12.32	13.73	10.49	13.35	15.37	16.71	17.63	18.28	18.40
15	15.69	13.34	14.44	12.46	13.92	10.90	13.71	15.61	16.87	17.76	18.36	18.35
20	15.68	13.29	14.66	12.67	13.98	11.39	14.11	15.86	17.03	17.84	18.37	18.31
25	15.73	13.44	14.25	12.87	13.83	11.93	14.51	16.10	17.19	17.94	18.40	18.22
Eom	15.72	13.62	12.64	13.08	10.67	12.45	14.93	16.38	17.33	18.13	18.44	18.02

1969

5	17.61	15.43	13.64	14.71	13.49	14.54	14.93	15.06	15.20	16.38	17.33	17.80
10	17.22	14.61	13.78	14.41	13.58	14.79	14.83	15.17	15.38	16.54	17.44	17.80
15	17.10	13.87	14.06	13.97	13.71	15.02	14.77	15.11	15.61	16.74	17.51	17.81
20	16.97	13.48	14.33	13.66	13.83	15.15	14.82	14.84	15.86	16.92	17.62	17.82
25	16.79	13.45	14.57	13.56	14.02	15.24	14.87	14.81	16.01	17.08	17.73	17.79
Eom	16.52	13.51	14.75	13.45	14.31	15.19	14.97	15.00	16.22	17.28	17.77	17.75

1970

5	17.67	16.47	13.69	11.05	10.48	12.77	14.96	16.24	16.82	17.56	17.86	17.36
10	17.50	15.66	13.69	10.61	10.61	13.30	15.17	16.38	16.94	17.07	17.85	17.30
15	17.41	14.99	12.69	10.71	10.99	13.76	15.38	16.45	17.08	17.71	17.80	17.16
20	17.27	14.14	12.54	11.02	11.42	14.10	15.57	16.52	17.23	17.78	17.73	16.87
25	17.15	13.90	12.13	11.34	11.81	14.42	15.81	16.59	17.37	17.79	17.61	16.32
Eom	16.95	13.71	11.65	10.83	12.33	14.70	16.04	16.70	17.48	17.86	17.48	15.68

394544N0822710.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.31	14.74	13.26	12.13	14.31	15.21	15.89	16.28	17.17	17.71	18.34	18.78
10	15.05	14.93	12.85	12.47	14.58	15.41	15.81	16.44	17.25	17.81	18.43	18.79
15	14.63	14.80	12.34	12.85	14.71	15.57	15.77	16.60	17.32	17.95	18.49	18.79
20	14.42	14.78	11.81	13.20	14.78	15.73	15.82	16.80	17.41	18.05	18.54	18.72
25	14.26	14.51	11.63	13.55	14.88	15.88	15.95	16.95	17.52	18.18	18.63	18.67
Eom	14.19	13.87	11.78	13.94	15.02	15.93	16.12	17.07	17.59	18.27	18.70	18.57

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.46	17.33	15.62	12.47	10.59	12.92	14.70	15.92	15.84	15.14	14.63	11.37
10	18.25	17.29	14.90	12.44	10.97	13.38	14.97	16.03	15.85	14.66	13.73	11.47
15	17.94	17.16	14.34	11.80	11.34	13.76	15.18	16.14	15.87	14.57	12.50	11.07
20	17.85	16.92	13.88	10.84	11.63	14.04	15.34	16.18	15.84	14.52	11.68	10.68
25	17.67	16.43	13.15	10.50	11.96	14.22	15.50	16.13	15.70	14.53	11.40	10.49
Eom	17.51	16.06	12.57	10.45	12.45	14.45	15.75	15.86	15.53	14.63	11.28	.....

Fayette County

393153N0833220.1. Local number Fa-1. Martha Slagle. Near Jasper Mills. Drilled unused artesian well in limestone, diam 5 in, depth 78 ft, casing information not available. Lsd 1,010 ft above msl. MP floor of instrument shelter, 3.30 ft above lsd. Highest water level 3.26 below lsd, Apr. 28, 1964; lowest 12.85 below lsd, Jan. 17, 19, 1954. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.68	7.54	7.51	6.65	7.41	5.95	7.13	7.77	8.21	8.70	9.18	8.14
10	8.38	7.36	7.93	6.74	7.25	6.17	7.29	7.68	8.37	8.73	8.99	7.87
15	8.19	7.24	7.50	6.56	7.10	6.40	7.59	7.74	8.47	9.11	8.82	7.83
20	8.28	7.32	7.65	6.75	6.75	7.02	7.61	7.90	8.38	8.99	8.52	7.84
25	8.16	7.68	7.35	6.96	6.53	6.48	7.67	7.84	8.61	9.06	8.64	7.45
Eom	7.83	7.37	6.99	7.06	6.03	6.73	7.61	8.33	8.70	9.22	8.34	7.14
1969												
5	6.97	6.40	6.46	6.72	8.84	7.11	7.69	8.43	....	8.75	9.31	8.90
10	7.60	6.25	6.52	6.77	6.69	7.40	7.62	8.00	8.78	8.86	9.13	8.85
15	7.16	6.21	6.86	6.63	6.94	7.31	8.04	8.07	8.62	9.09	9.00	8.80
20	6.86	6.36	6.80	6.81	6.82	9.15	7.73	7.82	8.63	9.16	9.04	8.60
25	7.12	6.44	6.82	7.35	6.92	7.26	7.75	8.44	8.70	9.15	8.95	7.80
Eom	6.77	6.47	6.85	6.78	7.75	7.90	8.03	....	8.80	9.13	8.88	8.20
1970												
5	8.20	7.75	8.00	6.85	7.55	7.40	8.80	9.20	9.95	10.05	9.75	10.10
10	8.30	7.35	7.85	6.70	7.80	8.00	8.65	9.35	10.05	9.75	9.95	10.10
15	8.10	7.30	8.10	7.30	7.40	8.50	8.70	9.50	9.75	9.70	9.95	10.05
20	8.20	8.20	7.75	7.40	7.80	8.95	8.85	9.70	10.20	9.75	9.95	10.05
25	8.05	8.10	7.60	6.85	7.90	8.80	8.90	9.40	10.15	9.85	10.00	9.85
Eom	7.95	9.00	8.15	7.55	8.45	9.90	9.15	9.90	9.80	9.85	10.15	9.50
1971												
5	9.25	8.50	7.70	7.75	8.40	10.25	9.60	8.55	10.10	10.50	10.30	10.55
10	8.90	8.30	7.40	8.30	8.05	8.85	9.00	8.85	10.00	10.50	9.55	10.10
15	8.70	8.25	7.75	8.05	7.80	11.10	8.80	9.20	9.95	10.55	9.60	9.90
20	8.35	8.35	7.45	9.50	8.15	11.10	9.05	10.60	9.95	10.25	11.70	9.00
25	8.20	7.80	7.65	8.50	7.85	11.00	8.60	9.65	10.45	10.00	10.55	8.80
Eom	8.65	7.80	7.55	10.00	10.10	9.40	8.90	9.65	10.05	10.20	10.20	8.65
1972												
5	8.50	8.30	8.10	7.80	7.55	8.20	8.00	8.20	8.90	9.00	7.65	6.55
10	8.40	7.80	8.80	7.60	7.60	9.15	9.40	8.85	8.60	8.80	7.55	7.00
15	8.00	8.15	8.15	7.70	7.45	8.30	9.55	9.35	8.45	8.20	7.30	6.05
20	7.95	8.40	8.20	7.20	7.85	7.85	9.05	8.80	9.40	8.50	6.80	6.10
25	7.95	8.00	10.50	7.40	9.30	7.30	8.70	8.65	9.20	8.70	6.65	6.90
Eom	7.50	7.90	8.25	7.60	7.95	7.32	8.80	8.45	8.55	7.95	6.35	6.50

Franklin County

395117N0825733.1. Local number Fr-3. R. Hann. Drilled test water-table well in gravel, diam 12 in, depth 60 ft, cased to 60. Lsd 712.94 ft above msl. MP floor of instrument shelter, 3.43 ft above lsd. Highest water level 2.18 below lsd, Jan. 27, 1952; lowest 20.75 below lsd, July 7, 1966. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.02	9.61	12.24	10.60	11.98	9.05	11.61	11.76	12.42	12.37	12.68	11.30
10	12.33	10.99	12.33	11.20	12.03	10.04	11.82	11.73	12.50	12.55	12.44	11.85
15	12.43	11.64	12.21	11.57	10.93	10.43	11.98	11.76	12.56	12.67	12.45	12.09
20	12.48	11.94	11.86	11.72	10.58	10.83	11.75	12.09	12.38	12.59	11.97	12.03
25	12.12	12.15	9.32	11.50	.....	11.18	11.58	12.32	12.41	12.65	12.23	11.45
Eom	9.45	12.20	10.37	11.55	7.09	11.30	11.73	12.48	12.62	12.71	11.44	.....
1969												
5	11.27	9.03	.....	11.45	11.50	11.61	11.90	11.63	12.39	12.37	11.98	12.24
10	11.85	10.69	11.79	10.82	10.56	11.76	11.25	11.75	12.36	12.52	12.46	11.97
15	12.15	.....	11.98	11.36	10.70	11.38	11.25	11.53	12.50	12.63	12.33	.....
20	10.30	.....	11.78	8.90	8.60	11.75	11.55	11.57	12.45	12.61	11.45	.....
25	10.65	.....	11.31	10.05	10.03	9.05	10.70	11.94	12.57	12.52	11.60	12.24
Eom	6.25	.....	11.45	10.90	11.31	11.08	10.91	12.29	12.56	12.59	11.90	12.16

395117N0825733.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.98	9.55	10.62	7.75	10.55	10.98	11.61	12.00	12.18	12.49	11.67	12.06
10	12.24	9.97	10.50	9.96	11.10	11.30	11.43	12.08	11.77	12.58	12.12	12.25
15	12.30	10.78	11.22	10.58	10.20	11.19	11.74	12.05	12.23	12.30	12.13	11.46
20	12.28	11.30	11.03	10.80	10.88	10.12	11.91	11.93	12.40	12.43	12.05	11.64
25	12.32	11.63	10.88	6.75	10.95	10.88	11.94	12.00	12.56	12.38	12.21	11.03
Eom	9.40	11.68	11.03	9.60	10.60	11.23	11.55	12.34	12.27	12.41	12.23	11.76
1971												
5	11.07	11.90	10.72	11.41	12.12	12.70	12.46	12.28	12.53	12.68	12.78	12.72
10	11.53	11.70	10.33	11.67	10.88	12.79	12.65	12.53	12.57	12.75	12.74	.....
15	11.80	11.44	9.39	11.82	11.50	12.69	12.61	12.68	12.50	12.67	12.82	.....
20	12.03	10.25	9.88	11.97	11.92	12.98	12.68	12.77	12.64	12.75	12.82	.....
25	12.12	9.44	10.55	12.10	12.22	13.03	11.85	12.69	12.54	12.65	12.88	12.11
Eom	12.26	9.70	11.22	12.16	12.48	12.22	12.38	12.41	12.53	12.76	12.68	11.91
1972												
5	.....	12.18	11.01	11.73	11.18	11.67	11.75	12.40	11.89	10.56	9.39	10.32
10	.....	12.35	11.45	10.07	6.08	11.81	11.87	12.28	12.18	11.35	8.27	8.18
15	.....	11.36	11.37	8.00	8.47	11.82	12.06	12.52	.....	11.10	7.99	8.92
20	11.97	11.40	11.08	9.64	10.35	11.84	12.07	11.45	.....	11.47	9.54	10.00
25	11.92	11.81	10.99	9.52	11.13	12.05	12.34	.....	.....	11.58	9.96	.....
Eom	12.22	11.93	11.38	10.81	11.14	11.88	.....	.....	10.53	.....	.....	.....

400101N0830218.1. Local number Fr-10. State of Ohio. Ohio State University Farms. Drilled unused artesian well in gravel, diam 4 in, depth 75 ft, cased to 75. Lsd 780 ft above msl. MP floor of instrument shelter, 4.00 ft above lsd. Highest water level 37.75 below lsd, Apr. 14, 1951; lowest 48.20 below lsd, Oct. 7, 1954. Records available: 1944-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	45.00	44.56	44.67	44.37	43.55	43.89	44.39	45.03	45.55	45.17	44.88
10	.....	44.62	44.78	44.52	44.36	43.56	44.03	44.46	44.99	45.43	45.11	45.14
15	.....	44.64	45.00	44.45	44.21	43.62	.....	44.54	45.20	45.44	45.01	44.91
20	.....	44.54	44.90	44.34	44.16	43.57	.....	44.72	45.41	45.36	45.16	44.88
25	.....	44.75	44.95	44.26	44.15	43.55	44.88	45.38	45.25	45.10	44.88	.....
Eom	44.97	44.55	44.63	.....	43.68	43.78	.....	45.00	45.48	45.35	45.20	44.75
1969												
5	44.67	44.05	43.63	43.88	43.75	43.15	43.45	43.80	44.49	44.71	44.45	44.57
10	44.59	44.05	43.44	43.84	43.50	43.25	43.33	43.84	44.55	44.56	44.49	44.43
15	44.72	44.07	43.72	43.82	43.56	43.45	43.48	44.00	44.57	44.72	44.60	44.50
20	44.54	43.95	43.53	43.93	43.40	43.40	43.57	44.16	44.79	44.59	44.68	44.58
25	44.50	43.67	43.55	43.73	43.25	43.30	43.57	44.25	44.60	44.72	44.64	44.46
Eom	44.36	43.68	44.08	43.82	43.20	43.45	43.74	44.45	44.62	44.61	44.43	44.37
1970												
5	44.38	44.31	43.74	43.16	42.76	42.74	43.20	43.75	44.43	45.20	44.33	44.44
10	44.42	43.84	43.51	42.96	42.75	42.96	43.17	43.82	44.55	44.97	44.53	44.43
15	44.34	43.96	43.62	42.98	42.61	43.05	43.96	44.18	44.83	44.93	44.43	44.32
20	44.36	44.08	43.40	42.70	42.68	42.98	43.54	44.18	44.70	44.85	44.35	44.28
25	44.08	43.79	43.34	42.77	42.60	42.88	43.73	44.24	44.88	44.60	44.48	43.99
Eom	44.25	43.96	43.39	42.69	42.86	43.03	43.55	44.44	44.70	44.67	44.41	44.00
1971												
5	43.93	43.56	42.84	42.64	43.07	.....	44.42	45.12	45.88	45.79	45.81	45.69
10	43.79	43.71	42.61	42.80	43.08	.....	44.81	45.08	45.48	45.65	45.72	45.50
15	43.94	43.62	42.37	.....	43.10	.....	44.84	45.28	45.55	45.75	45.75	45.43
20	43.68	43.41	42.44	.....	43.35	.....	44.84	45.45	45.58	45.81	45.55	45.40
25	43.73	42.82	42.57	.....	43.51	44.55	44.68	45.52	45.80	45.60	45.75	45.58
Eom	43.77	42.84	42.40	43.23	44.09	44.52	44.98	45.42	45.78	45.78	45.70	45.35
1972												
5	45.25	45.22	44.93	44.78	.....	44.02	44.50	44.97	45.16	45.42	45.06	44.18
10	45.03	45.23	45.06	44.84	.....	44.22	44.59	45.00	45.43	45.56	44.75	44.23
15	45.52	44.91	44.75	.....	.....	43.97	44.59	45.20	45.34	45.49	44.70	44.00
20	45.17	45.06	44.85	.....	.....	44.08	44.80	45.08	45.57	45.49	44.63	43.68
25	45.34	44.36	44.73	.....	.....	44.03	44.77	45.04	45.44	45.13	44.37	43.68
Eom	45.10	44.84	44.71	.....	.....	44.20	44.87	45.14	45.30	45.15	44.37	.....

Fulton County

413501N0840017.1. Local number Fr-1. City of Delta. Drilled unused artesian well in gravel, diam 8 in, depth 130 ft, cased to 130. Lsd 735 ft above msl. MP floor of instrument platform, 1.40 ft above lsd. Highest water level 58.40 below lsd, Mar. 25, 1969; lowest 66.10 below lsd, Jan. 8, 1947. Records available: 1946-69. Measurement discontinued November 1969.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	59.99	59.94	59.25	59.58	59.50	59.34	59.42	59.42	59.31	59.43	59.08	58.54
10	59.99	59.28	59.45	59.55	59.56	59.20	59.34	59.25	59.14	59.35	59.05	59.55
15	59.73	59.42	59.63	59.45	59.23	59.43	59.38	59.36	59.39	59.35	59.08	59.25
20	59.66	59.30	59.49	59.40	59.20	59.45	59.43	59.35	59.38	59.22	59.11	59.02
25	59.55	59.67	59.42	59.25	59.56	59.15	59.42	59.42	59.19	59.05	59.13	59.25
Eom	59.88	59.28	59.40	59.12	59.14	59.25	59.45	59.66	59.42	59.30	59.44	59.11

413501N0840017.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	59.07	58.87	59.04	58.92	58.87	58.65	58.79	58.84	58.84	58.98	.....	.....
10	58.83	59.01	58.67	58.93	58.44	58.73	58.75	58.74	58.97	58.65	.....	.....
15	59.38	59.26	59.14	58.77	58.97	58.85	58.99	58.85	58.86	58.91	.....	.....
20	59.19	59.30	58.60	58.97	58.94	58.76	58.90	58.87	59.06	58.66	.....	.....
25	59.05	58.93	58.40	58.75	58.84	58.74	58.67	58.89	58.73	.....	.....	.....
Eom	59.09	59.03	59.33	59.00	58.68	58.86	58.84	59.02	58.70	.....	.....	.....

Greene County

394411N0835613.1. Local number Gr-1. City of Xenia. Drilled unused artesian well in gravel, diam 30 in, depth 77 ft, cased to 77. Lsd 818.88 ft above ms1. MP floor of instrument shelter, 4.50 ft above lsd. Highest water level 0.95 below lsd, Mar. 10, 1964; lowest 21.65 below lsd, Aug. 22, 1972. Records available: 1944-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.15	10.90	13.20	11.95	13.50	....	.....	10.00	13.10	12.40	13.75	10.85
10	12.70	11.55	12.95	12.80	13.50	....	10.55	9.95	13.10	12.35	12.20	11.40
15	13.30	12.20	13.00	12.95	12.45	8.10	10.75	10.75	12.75	13.05	13.30	11.75
20	13.30	12.55	12.85	13.00	.....	.....	10.75	11.75	10.70	13.50	12.05	11.50
25	12.85	12.60	9.90	12.75	.....	.....	9.50	12.60	13.35	13.65	.....	10.55
Eom	10.25	12.80	11.35	13.20	.....	.....	9.50	12.95	13.25	13.85	11.55	9.30

1969												
5	9.75	.....	12.35	12.75	13.00	11.75	10.70	12.55	13.20	14.00	14.00	14.30
10	11.30	.....	12.70	12.45	12.50	12.40	10.90	12.60	13.50	13.90	13.80	13.95
15	11.95	.....	13.80	12.60	12.40	12.20	11.50	11.90	14.60	13.75	14.50	14.20
20	9.95	11.60	13.30	12.10	10.40	12.40	12.30	.....	13.85	13.95	13.25	14.40
25	10.80	12.10	12.85	12.00	11.85	4.40	11.80	.....	14.00	13.90	13.70	.....
Eom	.....	12.25	12.85	12.70	9.30	9.50	12.10	.....	14.10	14.90	13.60	.....

1970												
5	.....	12.90	13.20	....	11.45	11.90	.....	14.75	14.90	14.60	13.65	14.00
10	15.25	13.05	13.00	9.60	12.00	12.80	.....	14.95	14.85	14.65	14.05	14.60
15	15.30	13.75	13.55	10.40	9.40	12.45	.....	14.95	14.80	14.60	14.05	14.40
20	15.55	14.00	13.55	10.80	10.75	13.75	.....	15.00	14.60	14.55	14.45	13.80
25	16.45	14.40	13.20	9.10	11.55	14.05	.....	14.60	15.30	14.10	14.65	12.75
Eom	11.60	14.45	13.10	10.65	11.75	13.10	14.65	14.85	15.10	13.85	13.95	14.00

1971												
5	13.20	19.75	15.60	17.25	17.95	19.25	12.25	14.70	15.45	17.45	17.00	17.00
10	14.00	18.10	15.30	17.20	15.80	19.75	15.05	15.40	16.65	16.65	17.70	.....
15	14.85	17.55	14.55	15.80	16.75	19.05	15.00	15.70	16.55	17.30	17.60	15.25
20	15.45	16.25	14.80	16.50	17.90	19.25	14.25	.....	16.50	15.00	17.50	15.00
25	17.85	13.65	13.35	16.70	17.65	19.05	14.70	16.80	16.40	16.45	17.20	15.35
Eom	19.80	14.40	14.65	16.75	17.80	12.25	14.85	14.60	17.30	16.40	17.00	14.25

1972												
5	14.70	16.75	.....	15.95	14.00	15.60	15.65	18.30	18.80	17.10	14.55	14.90
10	14.95	17.55	15.50	15.00	10.00	16.15	16.50	17.30	18.30	17.15	14.05	12.65
15	15.00	17.65	15.65	11.65	11.80	15.65	16.60	18.00	17.80	16.90	10.55	.....
20	16.00	.....	16.00	12.00	13.40	15.80	16.60	18.30	18.45	17.30	13.25	.....
25	16.15	.....	.....	12.65	14.50	15.40	17.35	18.00	19.85	17.85	14.05	.....
Eom	16.45	.....	.....	13.30	14.80	16.35	18.15	18.20	17.70	18.00	14.30	.....

Hamilton County

391214N0844701.1. Local number H-1. R. Weber. Drilled test artesian well in gravel, diam 6 in, depth 124 ft, cased to 124. Lsd 500 ft above ms1. MP floor of instrument platform, 2.70 ft above lsd. Highest water level 12.70 below lsd, Jan. 22, 1959; lowest 25.80 below lsd, Jan. 18-20, 1964. Records available: 1949-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.23	21.10	22.42	19.90	21.59	18.35	20.52	19.95	21.62	22.45	23.37	21.29
10	22.47	21.51	22.52	20.83	21.43	19.06	20.78	19.69	21.70	22.62	23.38	21.70
15	22.66	21.75	22.65	21.04	20.72	19.57	20.88		21.79	22.84	23.50	20.89
20	22.84	21.90	22.15	21.10	20.45	19.70	20.57	20.38	22.94	22.98	22.64	21.06
25	22.44	22.15	21.19	21.21	15.80	19.90	20.75	20.92	22.17	23.08	22.23	21.15
Eom	20.40	22.26	21.07	21.37	17.32	20.13	20.43	21.29	22.34	23.25	21.64	20.26

1969												
5	20.76	19.05	20.54	20.69	20.83	21.05	21.36	21.66	22.63	23.44	23.92	23.38
10	21.00	18.67	20.65	20.57	20.65	21.35	21.25	21.72	22.84	23.56	24.03	22.72
15	21.23	19.60	20.84	20.70	20.88	21.35	21.50	21.93	23.01	23.58	24.08	22.77
20	19.17	19.98	20.95	19.65	19.36	21.15	21.78	22.16	22.98	23.72	22.70	22.84
25	20.18	20.43	20.90	20.34	20.38	20.40	20.65	22.42	23.18	23.81	23.09	22.94
Eom	17.15	20.35	20.60	20.61	20.75	20.95	21.34	22.70	23.33	23.93	23.19	22.94

1970												
5	22.75	21.50	19.66	18.75	19.72	20.88	21.50	22.21	23.19	23.83	23.77	23.39
10	22.62	21.34	20.75	19.56	20.08	20.84	21.60	22.44	23.23	23.91	23.87	23.49
15	22.86	21.54	20.98	19.93	20.18	20.75	21.75	22.62	23.21	23.62	23.92	23.35
20	22.80	21.27	20.41	19.82	20.46	21.05	21.95	22.78	23.48	23.83	23.84	22.90
25	22.91	21.46	20.63	17.57	20.66	21.30	21.97	22.82	23.61	23.58	23.40	22.30
Eom	21.33	21.57	20.61	19.07	20.96	21.28	22.06	23.07	23.70	23.73	23.37	22.42

391214N0844701.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.45	20.65	19.95	20.58	21.43	21.38	21.99	22.46	23.35	23.58	23.98	24.21
10	21.93	21.51	19.95	20.77	20.46	21.52	22.21	22.70	23.51	23.70	24.08	23.09
15	21.73	21.26	19.70	20.86	20.75	21.60	22.15	22.88	23.47	23.78	24.18	22.27
20	21.97	19.85	19.82	21.00	20.92	20.75	22.38	23.04	23.60	23.83	24.24	22.66
25	21.99	19.24	20.20	21.14	21.03	21.46	22.51	23.19	23.55	23.68	24.30	22.66
Eom	22.17	19.25	20.52	21.28	21.21	21.75	22.52	23.35	23.38	23.87	24.27	21.45
1972												
5	21.89	22.07	20.80	21.32	20.08	20.72	21.79	22.92	23.68	23.80	23.05	21.60
10	21.72	22.18	21.13	20.07	19.86	20.95	22.00	23.07	23.82	23.87	22.44	20.37
15	21.93	21.90	21.12	19.70	19.67	20.77	22.20	23.23	23.93	24.00	20.56	20.60
20	21.95	21.75	21.00	19.16	20.12	21.05	22.40	23.33	24.03	24.13	21.03	20.60
25	21.92	21.75	21.08	19.20	20.51	21.35	22.58	23.47	24.00	24.23	21.56	20.39
Eom	22.06	21.65	21.27	19.77	20.28	21.55	22.80	23.64	23.87	24.28	21.49	....

391733N0843924.1. Local number H-2. Southwestern Ohio Water Co. Drilled unused artesian well in gravel, diam 6 in, depth 89 ft, cased to 89. Lsd 535 ft above msl. MP floor of instrument shelter, 8.97 ft above lsd. Highest water level 1.20 below lsd, June 16, 1958; lowest 24.37 below lsd, Sept. 13, 25, 1972. Records available: 1952-58, 1960-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.45	19.88	22.34	21.36	22.45	10.42	16.30	17.58	19.40	20.99	21.95	20.67
10	21.33	19.95	22.55	20.98	22.75	12.70	16.77	17.51	19.52	21.10	21.90	20.67
15	21.58	20.47	22.76	21.25	22.17	14.09	17.24	17.35	19.86	21.20	21.98	21.06
20	21.98	21.06	22.83	21.51	21.93	14.80	17.60	17.91	20.20	21.45	21.43	21.32
25	21.82	21.65	22.40	21.72	5.85	15.90	17.73	18.60	20.40	21.58	21.41	20.73
Eom	21.73	22.00	21.57	22.05	7.25	15.94	17.39	19.22	20.65	21.63	21.27	19.73

1969												
5	19.37	11.64	16.02	17.39	17.94	16.97	18.25	19.53	20.51	21.65	22.33	21.87
10	19.77	12.10	16.47	16.74	18.29	17.42	18.41	19.63	20.83	21.86	22.54	21.73
15	20.25	13.10	16.85	17.06	18.20	18.00	18.75	19.03	21.33	21.90	22.66	21.79
20	19.57	14.35	17.30	17.20	18.05	18.02	19.27	19.56	21.48	22.04	22.50	21.94
25	18.67	15.05	17.42	17.05	16.11	17.73	18.94	20.10	21.27	22.25	21.92	21.93
Eom	15.80	15.55	17.33	17.51	16.59	17.63	19.76	20.63	21.42	22.43	21.84	21.76

1970												
5	21.44	20.24	20.98	12.44	13.57	16.97	19.05	20.27	21.76	22.43	22.25	22.60
10	21.83	20.33	19.93	12.80	14.46	17.05	19.37	20.55	21.41	22.48	22.25	22.85
15	22.06	20.38	20.02	13.96	14.87	17.76	19.48	20.78	21.98	22.43	22.28	22.89
20	22.20	20.69	20.51	14.66	15.04	18.14	19.82	20.99	22.18	22.23	22.32	22.74
25	22.36	20.75	20.38	14.45	15.90	18.41	19.83	21.12	22.43	22.23	22.15	22.32
Eom	21.51	20.88	19.65	12.34	16.59	18.77	20.11	21.49	22.41	22.38	22.38	22.01

1971												
5	21.86	23.00	17.68	18.95	20.23	20.74	21.39	22.57	23.40	23.52	23.97	24.03
10	21.93	22.12	17.73	19.16	19.70	21.09	21.77	22.68	23.19	23.77	23.99	23.61
15	22.17	21.97	17.67	19.46	19.78	21.29	21.85	22.84	23.24	23.93	24.05	23.37
20	22.27	21.47	17.70	19.62	20.01	21.57	22.03	23.10	23.04	23.67	24.13	22.53
25	22.47	18.35	18.08	19.85	20.27	21.87	22.11	23.26	23.00	23.73	24.26	22.60
Eom	22.85	17.63	18.63	20.09	20.52	21.15	22.34	22.47	22.98	23.87	24.26	22.50

1972												
5	21.74	22.68	22.35	22.27	18.60	19.28	20.73	22.30	23.91	23.22	22.90	19.65
10	21.88	23.00	22.08	21.44	18.71	19.77	20.64	22.60	24.20	23.11	21.62	18.77
15	22.01	23.20	22.24	20.45	18.26	19.95	21.06	22.90	24.36	23.22	20.92	17.97
20	22.25	22.77	22.00	19.23	18.12	20.06	21.41	23.48	24.18	23.46	18.88	18.12
25	22.20	23.08	22.11	18.37	18.77	20.27	22.01	23.73	24.37	23.71	19.03	17.90
Eom	.....	23.18	22.20	18.21	19.23	20.65	22.25	24.00	23.82	23.97	19.55	18.06

390653N0844857.1. Local number H-5. E. I. du Pont de Nemours Co. Drilled unused water-table well in gravel, diam 8 in, depth 122 ft, cased to 122. Lsd 500 ft above msl. MP floor of instrument shelter, 1.00 ft above lsd. Highest water level 24.15 below lsd, Mar. 16, 1964; lowest 74.50 below lsd, Sept. 10, 11, 1956. Records available: 1956-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	50.60	.....	50.70	44.40	50.40	44.00	51.95	51.70	51.70	52.55	52.60	51.85
10	50.60	.....	50.85	47.00	50.55	49.30	52.30	51.90	52.50	52.45	52.35	51.75
15	50.80	.....	43.90	49.10	49.95	50.60	52.00	51.90	52.40	52.20	52.55	52.35
20	50.90	50.45	45.96	49.75	48.70	51.30	52.30	52.40	52.40	52.20	52.20	52.50
25	48.90	50.60	42.40	49.65	39.50	51.50	52.40	52.50	52.50	52.45	52.25	51.85
Eom	50.05	50.90	45.75	50.20	32.40	51.70	52.35	52.50	52.45	52.65	52.15	50.00

1969												
5	50.75	46.05	52.50	52.20	52.10	52.55	52.60	52.45	52.80	52.60	52.50	52.80
10	52.20	47.90	52.65	50.00	52.10	52.50	51.90	52.40	52.75	52.65	52.40	52.55
15	52.60	50.20	52.80	51.50	50.95	51.60	51.85	52.60	52.80	52.90	52.75	50.75
20	51.50	51.90	52.80	49.80	51.45	51.30	52.35	52.40	52.80	52.55	52.45	51.70
25	50.10	51.90	52.30	50.80	51.65	51.80	52.35	52.30	52.80	52.85	52.70	52.10
Eom	45.90	52.15	51.80	51.25	52.35	52.20	52.25	52.70	52.65	52.70	52.50	51.80

1970												
5	48.00	47.35	50.40	38.65	49.45	51.75	52.20	52.80	53.24	52.95	50.95	51.65
10	51.35	47.75	48.60	45.70	51.00	52.00	52.15	52.75	53.25	53.10	51.40	51.75
15	52.10	49.38	49.30	49.10	50.25	52.05	52.10	53.15	52.55	52.95	51.85	50.60
20	52.30	47.10	50.40	49.70	49.35	52.15	52.45	53.25	52.40	52.75	51.70	50.60
25	52.60	50.65	50.20	44.30	50.85	52.10	52.65	53.15	53.10	52.70	51.55	44.25
Eom	50.05	51.10	50.25	43.50	51.35	52.05	52.65	53.30	52.95	52.65	51.90	49.85

390653N0844857.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	50.00	51.85	46.60	50.35	51.60	50.30	52.25	52.05	52.55	52.60	52.40	52.15
10	48.20	48.25	43.95	50.60	44.10	51.30	52.50	52.25	52.75	52.60	52.60	49.20
15	49.85	48.50	47.00	51.05	45.30	51.50	52.60	52.45	51.95	52.80	52.60	50.40
20	50.35	47.35	47.30	51.30	48.40	51.80	52.50	52.65	51.80	52.80	52.50	51.20
25	51.25	41.05	48.70	51.40	49.90	52.10	52.55	52.60	52.30	52.55	52.75	51.50
Eom	51.90	42.50	50.05	51.65	50.10	52.10	52.45	52.55	52.50	52.50	52.65	51.45
1972												
5	49.95	51.15	41.50	50.45	47.90	52.60	49.10	52.45	52.55	52.95	51.05	51.05
10	48.25	51.90	45.20	44.50	47.75	53.10	49.90	52.35	53.30	52.80	50.65	42.55
15	49.45	50.00	48.20	45.30	49.00	52.80	51.60	52.15	53.35	53.05	49.10	40.45
20	51.35	49.75	46.05	38.50	50.20	52.90	52.15	51.90	53.35	53.05	49.10	43.75
25	49.75	50.00	46.60	36.65	51.70	51.00	52.55	52.25	53.35	53.05	49.85	42.85
Eom	49.65	41.10	49.30	45.70	52.30	44.95	52.50	52.55	53.15	53.35	49.50	47.75

391324N0842725.1. Local number H-9. Gardner-Richardson Co. South Cooper Ave., Lockland. Drilled unused artesian well in gravel, diam 10 in, depth 168 ft, cased to 168. Lsd 555.30 ft above msl. MP floor of instrument shelter, 2.75 ft above lsd. Highest water level 95.25 below lsd, Nov. 28, 1972; lowest 136.80 below lsd, Nov. 9, 1947, Feb. 15, 1948. Records available: 1938-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	103.67	103.78	103.35	103.73	103.75	104.23	105.09	103.65	103.14	103.25	104.84	105.30
10	103.35	103.28	103.50	103.62	104.65	105.93	105.06	103.47	103.08	103.43	105.50	106.02
15	103.35	103.40	103.67	103.47	103.43	105.13	104.84	103.48	103.18	104.25	105.25	106.40
20	103.55	103.23	104.52	103.44	103.62	104.90	104.18	103.44	103.25	104.90	105.89	105.78
25	103.40	103.59	103.69	103.45	103.72	105.01	103.88	103.32	103.07	105.63	105.75	105.03
Eom	103.68	103.32	103.55	103.43	103.63	105.20	103.65	103.17	103.25	105.57	106.37	106.55
1969												
5	104.79	105.92	104.96	103.60	104.64	104.75	102.87	102.58	102.25	102.24	102.24	104.57
10	105.97	105.25	105.35	103.49	103.55	104.00	102.74	102.54	102.30	101.94	102.24	103.75
15	106.15	105.42	105.32	104.46	104.88	103.41	102.83	102.47	102.18	102.19	104.15	104.14
20	105.66	106.29	105.12	104.92	103.50	103.18	102.64	102.41	102.26	102.23	104.15	103.48
25	106.33	106.50	104.11	104.42	103.15	103.10	102.57	102.30	102.08	102.23	103.77	103.02
Eom	105.45	106.64	104.22	104.29	104.51	103.00	102.73	102.32	102.05	102.21	103.13	102.72
1970												
5	103.65	104.91	104.20	104.50	104.20	104.25	104.60	103.00	102.76	102.33	104.47	102.98
10	104.00	104.71	105.17	104.99	104.70	103.02	105.20	102.75	102.64	102.07	104.44	102.51
15	103.75	104.84	105.00	104.61	104.25	103.22	104.80	102.82	102.75	102.17	103.52	102.55
20	104.72	104.03	104.98	104.55	102.60	103.76	103.98	103.19	102.12	101.76	104.53	102.47
25	103.50	103.37	105.64	103.85	104.23	104.14	103.98	103.90	102.33	103.28	105.45	101.98
Eom	105.55	103.53	104.35	103.48	104.33	105.24	103.00	103.04	101.94	103.25	103.42	102.20
1971												
5	102.06	101.55	101.04	100.80	100.19	100.14	.....	99.80	99.35	99.17	98.87	98.20
10	101.55	101.63	100.90	100.84	100.45	100.26	.....	99.52	99.25	98.94	98.62	98.22
15	102.30	101.45	100.77	100.42	100.48	110.05	.....	99.66	99.33	99.07	98.63	97.91
20	103.03	101.21	100.88	100.23	100.22	100.07	.....	99.50	99.41	99.06	98.25	97.91
25	102.80	101.12	100.95	100.45	100.18	100.10	99.61	99.45	99.30	98.78	98.63	98.02
Eom	102.15	101.27	100.62	100.57	100.03	100.00	99.83	99.48	99.20	98.81	98.58	98.03
1972												
5	98.03	97.50	97.40	97.58	97.52	97.06	96.78	96.68	96.31	96.17	96.09	95.60
10	97.68	97.25	98.00	97.48	97.55	97.18	96.70	96.75	96.57	96.57	95.70	95.90
15	98.63	97.56	97.48	97.44	96.94	96.83	96.56	96.48	96.32	96.27	95.97	95.49
20	.....	97.53	97.78	97.52	97.00	96.56	96.68	96.40	96.53	96.37	95.93	.....
25	.....	.....	97.58	97.61	97.07	96.67	96.47	96.35	96.32	96.00	95.47	.....
Eom	.....	.....	97.50	97.28	96.94	96.65	96.52	96.42	96.14	96.05	95.84	.....

Hancock County

405700N0833557.1. Local number Ha-2. Maplehurst Farms. Drilled unused water-table well in limestone, diam 6 in, depth 27 ft, casing information not available. Lsd 820 ft above msl. MP floor of instrument shelter, 3.50 ft above lsd. Highest water level 0.25 below lsd, Mar. 5, 1963, Dec. 10, 1966; lowest 8.10 below lsd, Nov. 22-25, Dec. 3, 4, 1964. Records available: 1947-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.50	1.40	2.80	....	....	2.15	2.80	2.80	2.90	3.20	4.65	2.25
10	2.55	2.00	2.75	....	2.75	2.55	2.80	2.15	3.00	3.15	3.20	2.65
15	2.50	2.30	2.65	2.30	2.60	2.70	2.80	2.60	3.20	3.30	3.45	2.75
20	2.60	2.40	....	....	2.65	2.75	2.50	2.50	3.20	3.45	2.70	2.85
25	2.00	2.70	1.10	....	2.65	2.70	2.50	2.75	3.05	3.85	2.75	2.60
Eom	.50	2.70	1.50	....	1.55	2.70	2.70	2.90	3.55	4.50	2.45	1.70
1969												
5	2.15	1.45	2.45	2.00	2.45	2.55	2.95	3.90	5.40	3.35	3.05	2.70
10	2.60	2.00	2.45	1.90	1.40	2.55	2.90	4.45	5.00	4.20	3.30	2.30
15	2.75	2.35	2.65	2.20	1.90	2.60	3.00	4.75	5.25	3.70	3.30	2.40
20	1.55	2.50	2.60	1.10	.90	2.65	3.05	4.90	3.10	4.50	1.50	2.45
25	1.75	2.25	2.45	1.60	1.75	2.70	3.10	5.10	2.90	4.75	2.20	2.50
Eom	.40	2.30	2.35	2.20	2.30	2.90	3.35	5.45	3.05	4.90	2.40	2.80

405700N0833557.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	2.80	1.90	0.65	1.35	2.00	1.80	3.60	3.55	5.40	5.65	5.55	4.00
10	2.90	1.50	1.70	2.00	2.40	2.30	3.30	4.05	5.60	5.85	5.85	5.25
15	2.95	2.20	2.20	1.20	1.80	2.70	3.45	4.70	5.75	5.00	5.85	3.25
20	2.80	2.15	2.20	.80	1.65	2.95	3.45	4.90	5.40	5.55	5.70	3.25
25	2.80	2.25	1.80	1.10	2.00	3.40	3.50	5.15	5.25	5.60	5.75	3.10
Eom	1.40	2.40	2.00	1.25	2.45	3.60	3.30	5.40	5.25	5.60	4.05	3.30
1971												
5	2.95	2.95	2.45	2.60	2.95	2.45	3.30	4.80	5.90	6.30	6.80	6.90
10	3.25	3.25	2.10	2.75	.65	2.70	3.35	4.90	5.85	5.90	6.85	3.55
15	3.35	3.15	1.40	2.65	2.30	2.85	3.50	5.05	6.10	6.10	7.00	2.75
20	3.70	1.85	1.85	2.75	2.60	2.95	3.80	5.25	6.20	6.40	7.00	3.50
25	3.50	1.95	2.15	2.85	.65	3.05	3.35	5.50	6.10	6.50	7.15	3.90
Eom	3.70	2.05	2.45	2.98	2.30	3.20	4.20	5.75	6.20	6.70	6.55	3.05
1972												
5	3.20	3.20	2.20	2.45	2.35	2.60	2.95	3.15	3.00	1.40	1.40	1.50
10	2.50	3.50	2.70	1.45	1.15	2.85	2.90	3.20	3.15	2.30	.80	1.30
15	3.15	2.80	.90	1.70	.65	2.60	2.80	3.30	1.00	1.95	.70	1.05
20	3.15	3.25	1.85	1.50	1.70	2.45	2.80	3.00	1.60	2.20	.85	1.40
25	3.00	3.30	2.20	1.20	2.50	2.75	3.00	2.80	2.30	2.25	1.45	1.20
Eom	3.20	3.30	2.50	1.90	2.20	2.85	3.15	3.00	.50	2.25	1.65	...

Jefferson County

402404N0803721.1. Local number Je-1. Steubenville Pottery Co. Drilled unused water-table well in gravel, diam 8 in, depth 104 ft, cased to 104. Lsd 680 ft above msl. MP floor of instrument shelter, 3.50 ft above lsd. Highest water level 30.20 below lsd, Apr. 2, 1960; lowest 51.00 below lsd, Feb. 23, 1958. Records available: 1947-50, 1952-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	41.65	....	42.10	39.25	41.60	38.80	42.05	42.10	42.10	....	42.35	40.65
10	41.70	40.85	42.05	39.60	41.75	40.70	41.55	42.15	42.05	42.35	42.20	41.20
15	41.90	41.25	39.70	41.05	....	40.85	42.20	42.20	42.10	42.40	42.25	41.75
20	41.65	41.35	38.60	41.10	....	41.45	42.20	42.15	....	42.25	41.00	41.70
25	41.50	41.55	37.25	41.20	37.30	41.20	41.95	42.20	....	42.15	41.15	41.10
Eom	40.20	41.65	39.00	41.45	37.35	41.65	42.15	42.30	....	42.35	41.25	41.25
1969												
5	40.15	37.90	42.15	40.90	41.70	42.10	41.90	42.20	42.10	42.20	42.20	42.20
10	40.95	40.10	42.15	39.80	....	42.20	41.75	42.20	42.10	42.25	42.15	42.20
15	41.50	41.30	42.15	40.80	....	42.25	41.90	42.20	42.10	42.25	42.05	39.75
20	41.20	41.60	42.20	40.70	....	42.30	42.10	42.00	42.20	42.10	41.55	40.65
25	40.05	41.90	41.70	40.30	41.50	42.25	42.00	41.75	42.20	42.10	41.75	....
Eom	39.15	41.80	41.65	40.90	41.90	42.30	41.95	42.00	42.15	42.10	41.80	....
1970												
5	....	....	....	....	41.15	....	....	41.85	....	....	39.55	40.15
10	....	....	....	....	....	....	....	42.05	42.40	41.60	40.05	41.00
15	....	....	41.50	....	....	....	....	41.90	42.10	41.40	40.50	....
20	....	....	42.16	....	....	41.00	41.90	41.95	....	41.95	....	....
25	....	....	....	....	41.30	41.45	42.25	....	....	41.65	....	....
Eom	....	....	40.20	....	41.25	....	42.75	....	....	41.40	....	39.80
1971												
5	40.30	....	....	40.55	41.60	41.65	....	....	....	....	41.90	41.65
10	39.30	....	....	....	38.50	....	....	41.88	....	....	41.80	38.00
15	40.50	....	....	....	38.60	....	42.00	....	....	....	41.75	39.70
20	41.00	....	....	....	40.60	....	41.75	....	....	....	41.75	40.50
25	41.30	35.25	38.95	40.90	41.20	....	....	....	....	....	41.65	40.60
Eom	41.55	....	39.70	41.45	41.55	....	....	....	....	....	42.05	40.00
1972												
5	39.15	40.55	....	39.90	....	41.50	....	41.30	41.75	41.90	40.40	40.25
10	39.85	41.15	....	....	....	41.55	....	41.35	41.65	41.40	....	....
15	39.80	40.55	....	....	....	41.60	38.95	41.65	41.55	41.70	....	....
20	40.45	40.90	....	35.15	40.45	41.45	40.50	41.60	41.55	42.25	....	....
25	40.00	40.50	36.85	36.25	41.10	32.05	40.85	41.70	41.85	42.10	....	....
Eom	40.55	39.35	39.00	....	41.20	....	41.25	41.80	41.65	41.80	40.00	....

Knox County

402344N0823007.1. Local number K-1. City of Mount Vernon. Drilled unused artesian well in gravel, diam 8 in, depth 90 ft, cased to 90. Lsd 990 ft above msl. MP floor of instrument shelter, 3.50 ft above lsd. Highest water level 1.90 above lsd, Mar. 19, 1948; lowest 16.90 below lsd, July 25, 1971. Records available: 1946-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.30	9.90	....	8.40	9.30	8.95	6.60	12.15	11.85	8.50	10.05	9.70
10	10.60	10.40	....	8.45	10.40	10.05	10.00	11.05	10.25	9.75	....	11.40
15	8.25	7.65	....	6.80	8.90	10.30	11.60	12.25	9.55	8.10	....	10.20
20	10.90	9.90	8.85	10.40	8.45	9.55	11.80	13.40	9.60	10.35	....	10.60
25	10.90	9.50	7.95	8.95	8.95	10.85	11.75	11.75	11.15	11.70	9.80	10.55
Eom	9.05	9.00	6.05	8.20	6.35	8.50	11.70	12.05	9.10	12.33	9.10	8.80

402344N0823007.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	10.40	7.65	.....	.....	9.50	9.50	8.35	10.75	12.70	9.00	9.40	9.70
10	.....	8.15	.....	8.45	8.55	9.85	9.80	8.80	11.40	11.75	9.05	10.60
15	10.30	10.40	.....	9.30	12.75	8.55	10.50	10.80	11.35	10.95	8.85	9.25
20	10.10	.....	10.10	7.70	9.05	11.80	9.20	10.10	10.60	10.70	8.30	8.65
25	11.90	.....	.....	8.70	7.20	10.35	11.70	10.90	11.30	10.80	9.55	8.65
Eom	7.60	.....	.....	9.00	7.20	11.50	11.35	9.90	11.90	12.30	7.40	8.90
1970												
5	8.50	8.75	8.15	8.15	8.90	11.00	8.35	12.05	13.75	9.75	13.10	13.55
10	10.15	8.20	10.00	8.85	9.35	12.10	12.45	12.05	14.85	12.25	13.65	12.70
15	12.40	8.40	8.60	8.30	8.90	11.40	12.15	14.25	13.70	11.95	10.15	12.45
20	10.80	9.90	9.15	8.55	10.15	11.35	11.65	13.85	9.95	13.75	13.90	9.95
25	7.60	8.65	8.75	8.40	8.30	11.30	12.75	12.90	13.65	10.70	14.25	8.50
Eom	7.70	8.50	9.45	10.50	10.15	11.20	13.20	15.50	11.95	12.00	11.90	14.00
1971												
5	10.90	11.90	10.35	.....	14.30	12.80	11.80	14.35	12.75	13.00	13.30	10.80
10	12.10	13.10	10.25	.....	11.35	12.15	12.85	15.25	14.00	11.40	12.45	11.65
15	11.70	11.40	11.45	11.40	12.05	13.75	12.95	11.50	12.05	12.50	11.00	10.80
20	12.15	.....	10.00	15.65	11.70	11.70	13.15	13.15	12.65	12.40	14.00	9.80
25	11.60	11.25	12.30	11.85	12.00	15.35	12.40	13.35	12.75	11.35	11.00	.....
Eom	12.50	10.35	.....	13.55	10.45	13.20	15.55	15.60	12.90	11.55	12.25	10.60
1972												
5	12.80	12.20	12.20	9.60	9.70	10.80	9.10	10.30	8.90	....	8.45	6.70
10	.....	13.00	11.00	7.80	11.30	11.05	....	.....	10.95	....	9.10	5.05
15	12.15	11.75	12.55	9.20	8.55	11.45	11.45	11.90	.....	9.65	7.70	8.25
20	10.55	11.90	.....	10.25	9.60	11.55	....	.....	11.50	10.45	7.40	7.35
25	11.05	11.20	.....	11.30	11.40	....	....	....	....	9.80	5.85	4.30
Eom	11.70	9.40	9.85	8.30	10.05	11.50	9.85	10.75	.....	9.95	7.30	5.55

Lake County

414042N0811943.1. Local number L-1. City of Mentor. Drilled unused water-table well in sand, diam 8 in, depth 32 ft, cased to 32. Lsd 680 ft above msl. MP top of instrument support 1.85 ft above lsd. Highest water level 13.52 below lsd, Feb. 3, 4, 1959; lowest 23.30 below lsd, Oct. 3-7, 1954. Records available: 1948-71. Water levels affected by pumping. Measurement discontinued December 1971.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.12	15.58	15.62	15.83	15.87	16.00	16.22	16.40	16.60	16.73	16.80	16.72
10	16.13	15.42	15.71	15.83	15.84	16.04	16.27	16.43	16.61	16.76	16.82	16.66
15	16.13	15.32	15.77	15.85	15.84	16.10	16.30	16.45	16.61	16.76	16.82	16.61
20	16.15	15.36	15.80	15.85	15.86	16.13	16.30	16.50	16.65	16.76	16.81	16.58
25	16.14	15.47	15.82	15.83	15.96	16.15	16.35	16.50	16.67	16.77	16.82	16.57
Eom	15.87	15.55	15.84	15.82	16.18	16.18	16.37	16.55	16.70	16.80	16.81	16.52
1969												
5	16.36	16.02	15.95	16.20	15.71	14.76	.....	15.84	16.32	16.57	16.75	16.39
10	.....	15.89	16.04	16.08	15.67	14.87	.....	15.91	16.38	16.60	16.76	16.37
15	.....	15.83	16.10	16.00	15.66	15.06	.....	15.98	16.46	16.62	16.76	16.36
20	.....	15.82	16.13	15.90	15.27	.....	15.66	16.04	16.48	16.64	16.73	16.36
25	.....	15.84	16.20	15.78	14.56	.....	15.68	16.13	16.53	16.67	16.56	16.34
Eom	16.09	15.85	16.26	15.73	14.53	.....	15.78	16.25	16.56	16.70	16.46	16.36
1970												
5	16.36	16.28	16.04	16.16	16.33	16.20	16.30	16.56	16.86	16.83	16.58	16.43
10	16.38	16.17	16.04	16.18	16.36	16.20	16.42	16.62	16.93	16.76	16.54	16.33
15	16.42	16.10	16.07	16.23	16.38	16.23	16.45	16.69	16.92	16.73	16.53	16.29
20	16.46	16.06	16.13	16.27	16.40	16.22	16.47	16.73	16.79	16.66	16.52	16.18
25	16.51	16.04	16.16	16.32	16.43	16.22	16.50	16.77	16.81	16.62	16.51	16.15
Eom	16.40	16.03	16.14	16.32	16.22	16.25	16.52	16.84	16.82	16.58	16.49	16.07
1971												
5	16.04	16.30	15.70	15.75	16.01	16.30	16.52	16.78	16.99	16.99	17.02	17.04
10	16.04	16.16	15.67	15.78	16.06	16.33	16.56	16.85	16.99	16.96	17.02	16.95
15	16.07	16.15	15.68	15.79	16.11	16.36	16.66	16.87	16.96	16.97	17.03	16.86
20	16.12	16.06	15.71	15.84	16.18	.....	16.68	16.88	16.88	16.98	17.03	16.77
25	16.18	15.85	15.70	15.89	16.21	16.46	16.72	16.90	16.95	16.99	17.03	16.73
Eom	16.27	15.78	15.70	15.99	16.27	16.49	16.75	16.96	16.96	17.02	17.03	.....

Lawrence County

383219N0824056.1. Local number La-1. Crystal Ice Co. Ninth and Railroad Sts., Ironton. Drilled unused artesian well in gravel, diam 16 in, depth 77 ft, cased to 77. Lsd 550 ft above msl. MP floor of instrument shelter, 4.65 ft above lsd. Highest water level 31.92 below lsd, Mar. 29, 1963; lowest 53.77 below lsd, Oct. 19, 1947. Records available: 1947-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.65	36.37	36.47	36.40	36.48	35.41	35.93	36.59	36.45	.....	.....	36.72
10	36.57	36.18	36.50	36.26	36.58	35.36	36.08	36.42	.....	.....	.....	36.63
15	36.68	36.38	36.50	.....	36.53	35.49	36.14	36.44	.....	.....	.....	36.58
20	36.59	36.20	36.43	.....	36.60	35.62	36.22	36.42	.....	.....	.....	36.77
25	36.54	36.32	36.33	.....	36.65	35.65	36.30	36.39	.....	.....	.....	36.73
Eom	36.73	36.25	36.25	.....	35.91	35.55	36.33	36.40	.....	.....	36.78	36.75

383219N0824056.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	36.57	36.45	36.46	36.61	36.73	36.65	36.81	36.93	36.95	37.06	37.04	37.21
10	36.60	36.47	36.45	36.64	36.58	36.17	36.79	36.93	36.99	37.01	37.07	37.10
15	36.63	36.37	36.50	36.69	36.65	36.75	36.85	36.96	36.98	37.08	37.11	37.21
20	36.54	36.50	36.55	36.78	36.65	36.77	36.84	36.96	37.01	37.00	37.16	37.21
25	36.66	36.36	36.64	36.65	36.65	36.79	36.83	36.91	36.95	37.08	37.15	37.17
Eom	36.63	36.33	36.73	36.73	36.58	36.79	36.89	36.96	36.97	37.04	37.09	37.23
1970												
5	37.00	36.95	36.62	36.45	35.87	36.15	36.47	36.66	36.80	36.95	.....	36.94
10	36.92	36.70	36.57	36.05	35.89	.....	36.48	36.69	36.86	36.99	.....	36.95
15	36.90	36.79	36.61	36.00	35.99	.....	36.50	36.76	36.87	.....	36.91	36.94
20	36.94	36.77	36.54	35.92	36.06	.....	36.58	36.73	36.88	.....	36.93	36.95
25	36.92	36.65	36.54	36.00	36.05	36.34	36.62	36.78	36.93	.....	36.92	36.75
Eom	37.00	36.70	36.63	35.88	36.15	36.45	36.60	36.80	36.86	.....	36.88	36.58
1971												
5	36.63	36.40	35.79	.....	.....	.....	.....	.....	.....	.....	36.46	.....
10	36.44	36.36	.....	.....	.....	.....	.....	.....	.....	36.22	36.43	.....
15	36.46	36.28	.....	.....	.....	.....	.....	.....	.....	36.33	.....	.....
20	36.35	36.18	.....	.....	.....	.....	.....	.....	.....	36.40	.....	.....
25	36.37	.....	.....	.....	.....	.....	.....	.....	.....	36.33	.....	.....
Eom	.....	.....	35.62	.....	.....	.....	.....	.....	.....	36.40	.....	.....
1972												
5	36.50	.....	.....	.....	.....	34.75	34.77	35.19	35.60	35.87	36.00	36.00
10	.....	.....	.....	.....	.....	34.90	34.73	35.30	35.68	35.89	36.05	35.82
15	.....	.....	.....	.....	.....	34.95	34.77	35.37	35.66	36.02	35.95	35.07
20	.....	.....	.....	.....	.....	.....	34.90	35.39	35.78	36.01	35.94	34.53
25	.....	.....	.....	.....	34.48	35.13	34.98	35.47	35.80	35.97	35.88	34.33
Eom	.....	.....	.....	.....	34.60	34.80	35.12	35.55	35.85	36.00	35.94	34.38

Licking County

400159N0822821.1. Local number L1-2. Heath Refinery. Newark. Drilled observation artesian well in gravel, diam 6 in, depth 23 ft, cased to 22'. Lsd 885 ft above msl. MF floor of instrument shelter, 3.80 ft above lsd. Highest water level 0.29 above lsd, Mar. 5, 1963; lowest 18.55 below lsd, Dec. 17, 18, 1953. Records available: 1953-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.00	1.20	2.26	0.82	1.77	1.28	4.76	3.86	3.06	4.09	4.83	2.80
10	4.09	2.29	2.36	1.15	1.81	2.30	5.21	3.04	3.24	4.19	4.81	3.24
15	4.22	1.54	2.16	1.12	1.25	2.74	5.69	1.94	3.50	4.35	4.78	3.43
20	4.43	1.70	1.88	1.32	1.26	3.22	5.05	2.24	3.69	4.38	4.10	3.35
25	4.24	2.00	.38	1.40	.08	3.73	4.26	2.53	3.67	4.53	4.49	2.56
Eom	1.46	2.08	.88	1.52	.18	4.26	4.04	2.80	3.96	4.73	3.76	1.20

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	1.54	0.40	1.13	1.15	1.74	2.18	2.27	4.01	3.58	4.22	4.76	5.16
10	1.71	.19	1.29	1.28	1.15	2.44	2.05	3.28	3.72	4.47	5.00	5.11
15	1.98	.70	1.63	1.21	1.64	2.13	3.32	2.91	3.93	4.66	5.16	4.92
20	.70	.87	....	1.15	1.70	2.42	4.10	2.71	4.11	4.79	4.60	5.00
25	.90	.87	.86	1.32	1.94	.93	3.17	3.05	4.25	4.88	4.82	5.10
Eom	.05	1.00	1.36	1.55	2.22	2.06	3.42	3.42	4.41	5.00	4.94	5.06

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.96	1.85	0.41	0.05	0.75	0.58	1.29	2.18	2.57	3.71	3.17	3.09
10	....	.97	.88	.44	1.06	.89	1.15	1.94	2.97	3.95	3.58	3.23
15	....	1.27	.96	.63	.10	.03	1.50	2.46	3.24	3.52	3.72	1.95
20	5.14	1.36	.58	.41	.76	.62	1.67	2.56	3.46	3.84	3.15	1.81
25	5.16	1.44	.74	.01	.77	.84	1.78	2.74	3.73	4.01	3.31	1.22
Eom	3.04	1.61	.84	.44	.64	1.16	1.79	3.13	3.32	4.14	3.30	1.43

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	0.70	1.58	0.79	1.10	1.94	1.80	2.36	2.52	4.09	4.74	5.50	5.94
10	1.16	1.32	.35	1.37	.70	1.81	2.65	2.86	4.27	4.89	5.59	4.94
15	1.15	1.26	.24	1.45	1.12	1.94	2.81	3.20	4.39	5.01	....	4.58
20	1.47	.28	.56	1.57	1.38	2.21	2.84	3.45	4.55	5.16	....	4.40
25	1.53	.23	.88	1.80	1.44	2.47	1.44	3.67	4.69	5.26	5.91	4.40
Eom	1.81	.45	1.03	1.90	1.64	2.55	2.31	3.88	4.52	5.38	5.82	3.52

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.08	3.43	1.09	1.09	1.12	....	2.03	3.06	1.94	1.45	0.82	0.73
10	2.72	3.65	1.19	.49	.52	1.63	1.88	2.92	2.09	1.76	.24	.20
15	2.88	2.10	1.09	1.16	.16	1.58	1.06	2.93	2.04	1.71	.27	.38
20	2.96	1.77	.96	2.3	.52	1.66	2.32	1.38	2.16	....	1.46	.57
25	3.04	1.78	.94	.46	....	1.88	2.52	1.71	1.74	....	.78	.57
Eom	3.27	1.66	.97	.93	....	1.64	2.87	1.91	1.90	1.67	.78	.64

Licking County

400159N0822821.1. Local number Li-2. Heath Refinery. Newark. Drilled observation artesian well in gravel, diam 6 in, depth 23 ft, cased to 22. Lsd 885 ft above ms1. MP floor of instrument shelter, 3.80 ft above lsd. Highest water level 0.29 above lsd, Mar. 5, 1963; lowest 18.55 below lsd, Dec. 17, 18, 1953. Records available: 1953-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.00	1.20	2.26	0.82	1.77	1.28	4.76	3.86	3.06	4.09	4.83	2.80
10	4.09	1.29	2.36	1.15	1.81	2.30	5.21	3.04	3.24	4.19	4.81	3.24
15	4.22	1.54	2.16	1.12	1.25	2.74	5.69	1.94	3.50	4.35	4.78	3.43
20	4.43	1.70	1.88	1.32	1.26	3.22	5.05	2.24	3.69	4.38	4.10	3.35
25	4.24	2.00	.38	1.40	.08	3.73	4.26	2.53	3.67	4.53	4.49	2.56
Eom	1.46	2.08	.88	1.52	.18	4.26	4.04	2.80	3.96	4.73	3.76	1.20
1969												
5	1.54	0.40	1.13	1.15	1.74	2.18	2.27	4.01	3.58	4.22	4.76	5.16
10	1.71	.19	1.29	1.28	1.15	2.44	2.05	3.28	3.72	4.47	5.00	5.11
15	1.98	.70	1.63	1.21	1.64	2.13	3.32	2.91	3.93	4.66	5.16	4.92
20	.70	.87	.....	1.15	1.70	2.42	4.10	2.71	4.11	4.79	4.60	5.00
25	.90	.87	.86	1.32	1.94	.93	3.17	3.05	4.25	4.88	4.82	5.10
Eom	.05	1.00	1.36	1.55	2.22	2.06	3.42	3.42	4.41	5.00	4.94	5.06
1970												
5	4.96	1.85	0.41	0.05	0.75	0.58	1.29	2.18	2.57	3.71	3.17	3.09
10	....	.97	.88	.44	1.06	.89	1.15	1.94	2.97	3.95	3.58	3.23
15	.....	1.27	.96	.63	.10	.03	1.50	2.46	3.24	3.52	3.72	1.95
20	5.14	1.36	.58	.41	.76	.62	1.67	2.56	3.46	3.84	3.15	1.81
25	5.16	1.44	.74	.01	.77	.84	1.78	2.74	3.73	4.01	3.31	1.22
Eom	3.04	1.61	.84	.44	.64	1.16	1.79	3.13	3.32	4.14	3.30	1.43
1971												
5	0.70	1.58	0.79	1.10	1.94	1.80	2.36	2.52	4.09	4.74	5.50	5.94
10	1.16	1.32	.35	1.37	.70	1.81	2.65	2.86	4.27	4.89	5.59	4.94
15	1.15	1.26	.24	1.45	1.12	1.94	2.81	3.20	4.39	5.01	.....	4.58
20	1.47	.28	.56	1.57	1.38	2.21	2.84	3.45	4.55	5.16	.....	4.40
25	1.53	.23	.88	1.80	1.44	2.47	1.44	3.67	4.69	5.26	5.91	4.58
Eom	1.81	.45	1.03	1.90	1.64	2.55	2.31	3.88	4.52	5.38	5.82	3.42
1972												
5	3.08	3.43	1.09	1.09	1.12	....	2.03	3.06	1.94	1.45	0.82	0.73
10	2.72	3.65	1.19	.49	.52	1.63	1.88	2.92	2.09	1.76	.24	.20
15	2.88	2.10	1.09	.18	.16	1.58	1.96	2.93	2.04	1.71	.27	.38
20	2.96	1.77	.96	.23	.52	1.66	2.32	1.38	2.16	.....	.44	.16
25	3.04	1.78	.94	.46	...	1.88	2.52	1.71	1.74	.....	.78	.57
Eom	3.27	1.66	.97	.93	...	1.64	2.87	1.91	.90	1.67	.72	.64

Lucas County

413704N0833622.1. Local number Lu-1. State of Ohio. Toledo State Hospital. Detroit Ave. and Arlington St., Toledo. Drilled unused artesian well in limestone, diam 12 in, depth 525 ft (previously reported 250 ft), casing information not available. Lsd 620 ft above ms1. MP floor of instrument shelter, 3.10 ft above lsd. Highest water level 84.10 below lsd, July 18, 1947; lowest 117.25 below lsd, Sept. 18, 1957. Records available: 1946-72. Water levels affected by pumping.

413704N0833622.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	93.45	93.60	92.85	93.30	92.95	92.75	93.00	93.00	93.00	93.45	93.35	93.55
10	93.35	92.90	93.20	93.05	92.85	92.70	92.95	92.90	92.90	93.30	93.50	93.65
15	93.20	93.05	93.20	92.90	92.50	93.10	93.05	92.85	93.20	93.25	93.35	93.90
20	93.40	93.00	92.95	92.70	92.65	93.05	93.15	92.80	93.15	93.30	93.85	93.60
25	93.20	93.35	93.00	92.75	93.00	92.70	93.05	92.90	93.10	93.25	93.95	93.65
Eom	93.45	92.45	93.10	92.45	92.65	93.00	92.75	92.95	93.35	93.60	93.65	93.55
1969												
5	93.20	93.00	92.40	93.10	93.60	94.05	94.65	94.90	95.20	95.35	94.80	94.50
10	93.10	93.00	92.40	93.00	93.45	94.15	94.45	95.00	95.40	95.00	94.75	94.00
15	93.05	92.35	93.10	92.90	93.90	94.40	94.80	95.05	95.25	95.25	94.85	94.25
20	92.90	92.40	92.80	93.40	94.05	94.50	94.65	95.25	95.40	94.85	94.90	94.05
25	93.15	92.40	92.60	93.30	94.00	94.40	94.60	95.10	95.20	95.15	94.60	94.10
Eom	93.15	92.40	93.45	93.70	93.85	94.55	94.90	95.30	95.10	94.75	94.10	93.75
1970												
5	93.70	93.60	92.90	92.65	92.65	92.40	92.80	93.40	93.50	93.40	92.85	92.90
10	93.65	93.15	92.65	92.50	92.40	92.50	92.80	93.35	93.60	93.50	93.10	92.75
15	93.53	93.35	92.80	92.55	92.55	92.55	92.80	93.55	93.45	93.50	93.00	92.80
20	93.70	93.55	92.30	91.85	92.75	92.80	93.25	93.50	93.45	93.30	92.80	92.40
25	93.20	93.05	92.50	92.30	92.45	92.70	93.25	93.43	93.60	93.10	93.10	92.25
Eom	93.65	93.35	92.65	92.40	92.50	92.80	93.10	93.60	93.30	93.25	92.95	92.30
1971												
5	92.30	.....	.....	.....	.....	92.20	92.95	93.85	93.90	93.60	93.20	92.70
10	92.20	.....	.....	.....	.....	92.55	93.25	93.50	93.80	93.25	92.95	92.30
15	.....	.....	.....	.....	.....	92.50	93.25	93.95	94.00	93.35	93.05	92.15
20	.....	.....	.....	.....	.....	92.70	93.50	93.70	94.00	93.45	92.60	.....
25	.....	.....	.....	.....	.....	92.85	93.45	93.88	93.90	93.10	93.05	.....
Eom	.....	.....	.....	.....	.....	92.95	93.80	94.00	93.60	93.20	93.00	.....
1972												
5	.....	.....	.....	.....	.....	91.75	92.35	92.45	91.85	91.70	91.40	90.70
10	.....	.....	.....	.....	.....	92.20	92.15	92.40	92.15	92.05	91.10	91.00
15	.....	.....	.....	.....	.....	91.90	92.00	92.20	91.70	91.70	91.25	90.80
20	.....	.....	.....	.....	.....	91.95	92.35	92.15	92.05	91.80	91.20	90.35
25	.....	.....	.....	.....	.....	91.80	92.15	92.05	91.70	91.30	90.80	90.55
Eom	.....	.....	.....	.....	.....	91.90	92.25	92.10	91.50	91.50	91.10	90.20

Mahoning County

410039N0804538.1. Local number Ma-1. City of Canfield. Drilled unused artesian well in sandstone, diam 8 in, depth 205 ft, casing information not available. Lsd 1,160 ft above msl. MP top of instrument platform, at lsd. Highest water level 27.15 below lsd, May 22, 1949; lowest 110.75 below lsd, Sept. 27, 1946. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	35.55	34.55	34.36	33.65	34.10	33.35	33.84	35.36	36.72	37.72	36.82	35.68
10	35.25	35.24	34.30	33.68	34.01	33.59	33.93	35.55	36.07	38.40	36.76	36.69
15	34.88	35.25	35.24	34.44	33.60	33.72	34.22	35.75	36.40	38.01	36.45	36.65
20	35.35	34.97	34.54	34.14	33.30	33.55	34.98	35.55	37.06	37.83	36.42	36.59
25	35.03	34.75	34.04	34.46	33.30	33.65	35.15	35.66	37.31	37.72	36.42	35.98
Eom	33.82	34.60	33.88	34.03	33.25	33.96	35.35	36.78	37.20	37.00	36.06	.....
1969												
5	.....	36.24	34.95	34.57	34.70	34.02	37.10	38.60	44.65	41.20	41.27	38.90
10	.....	35.73	34.73	34.67	33.50	34.13	41.60	39.78	42.67	41.55	41.07	38.25
15	.....	35.52	35.33	34.78	34.10	34.54	37.83	41.05	42.19	41.66	40.63	37.71
20	.....	35.82	35.63	34.72	34.00	35.32	38.10	41.49	42.08	41.15	39.98	37.28
25	.....	35.52	34.87	34.72	34.05	35.73	40.93	42.20	41.34	40.87	39.54	36.94
Eom	36.13	35.20	34.83	34.68	34.11	36.22	38.15	51.60	41.24	41.41	39.49	36.55
1970												
5	36.44	35.58	34.70	35.53	34.96	35.00	35.38	35.21	49.30	38.60	36.39	35.08
10	36.28	35.10	34.88	35.33	35.24	34.93	35.30	35.15	43.05	37.68	36.23	34.93
15	36.12	35.29	34.76	31.26	35.07	35.28	35.63	35.49	40.41	36.93	35.94	34.59
20	35.97	35.24	34.27	35.24	35.00	35.28	35.50	35.41	40.39	36.99	35.71	34.37
25	35.79	35.16	34.80	34.86	35.42	35.16	35.38	35.52	39.54	37.00	35.37	34.38
Eom	35.78	35.15	35.68	34.95	34.83	35.66	35.25	41.15	38.75	36.53	35.25	34.18
1971												
5	34.00	33.80	33.88	32.78	32.72	40.16	43.17	38.39	55.00	38.46	37.42	36.78
10	34.02	33.80	33.52	32.64	32.51	40.92	40.10	37.01	42.35	38.04	37.24	36.53
15	34.13	33.80	33.20	32.75	.....	41.33	38.59	37.50	39.93	37.74	37.24	36.28
20	33.95	33.18	33.08	32.77	.....	42.05	38.21	37.97	39.25	37.64	37.17	36.06
25	33.92	33.58	32.88	32.78	.....	42.50	38.43	37.82	38.80	37.65	36.95	36.10
Eom	33.76	33.65	32.83	32.82	40.31	43.07	38.97	49.86	42.45	37.64	36.84	36.69
1972												
5	36.48	34.72	33.73	33.15	33.12	35.28	35.95	33.89	.....	35.77	35.25	.....
10	36.14	34.59	33.66	33.07	33.06	35.13	34.37	34.67	.....	35.05	35.00	.....
15	35.88	34.20	33.40	33.25	37.33	34.78	34.07	34.80	.....	34.84	34.44	.....
20	35.53	34.25	33.35	33.32	37.32	34.58	34.12	34.79	.....	34.62	34.23	.....
25	35.23	34.10	33.11	33.14	33.65	34.23	33.75	35.08	.....	34.49	34.02	.....
Eom	34.92	33.69	33.93	33.14	33.48	34.31	33.40	48.15	46.35	35.17	.....	.....

Marion County

403501N0831104.1. Local number Mn-2. City of Marion. Drilled unused artesian well in limestone, diam 12 in, depth 67 ft, casing information not available. Lsd 910 ft above msl. MP floor of instrument shelter, 2.00 ft above lsd. Highest water level 8.07 below lsd, Dec. 31, 1972; lowest 49.50 below lsd, Feb. 11, 1956. Records available: 1950-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	16.33	13.25	12.09	11.30	10.96	9.88	10.10	10.60	12.03	14.18	23.75	18.53
10	16.03	12.63	12.00	11.00	10.98	9.85	10.15	10.47	11.96	14.63	21.88	18.20
15	15.74	12.48	12.02	10.89	10.68	10.11	10.33	11.60	12.00	15.30	20.77	17.72
20	15.53	12.35	11.72	10.78	10.70	10.16	10.40	10.66	12.43	18.17	19.82	17.41
25	15.21	12.37	11.53	10.78	10.75	10.17	10.43	11.14	13.17	20.85	19.40	17.25
Eom	14.81	12.19	11.30	10.82	9.79	10.00	10.44	11.72	13.65	22.88	19.13	16.57
1969												
5	16.06	13.16	12.00	11.09	9.49	8.85	9.17	9.36	11.20	11.01	16.36	12.85
10	15.76	12.88	11.83	10.57	9.44	8.93	8.57	9.46	11.56	10.87	15.45	12.48
15	15.59	12.65	11.87	10.46	9.58	9.11	9.04	9.63	11.54	11.15	14.68	12.18
20	15.24	12.43	11.63	10.29	8.66	9.24	9.14	9.68	11.21	14.14	14.36	11.93
25	14.81	12.14	11.43	9.53	8.50	9.27	9.24	9.86	10.84	16.17	13.74	11.77
Eom	14.32	12.07	11.52	9.57	8.74	8.99	9.31	10.47	10.75	17.65	13.20	11.47
1970												
5	11.81	16.64	14.28	10.96	9.85	10.00	10.24	11.17	17.13	18.98	18.98	18.50
10	12.03	15.64	13.53	10.47	9.75	10.33	10.20	11.42	17.23	19.93	18.91	18.42
15	12.82	15.33	13.00	10.40	9.91	10.40	10.28	12.82	17.79	20.53	18.78	.....
20	.....	15.30	12.66	10.00	10.10	10.25	10.48	13.86	18.53	19.76	18.65	.....
25	13.56	15.04	12.29	9.60	9.80	10.32	10.57	14.73	19.44	19.29	18.60	18.20
Eom	16.10	14.87	12.03	9.54	10.25	10.30	10.92	16.26	19.07	19.46	18.49	18.15
1971												
5	18.13	17.66	.....	.....	14.32	12.96	.....	13.09	.....	17.31	18.93	18.85
10	17.94	17.57	.....	.....	13.98	13.09	12.93	13.45	.....	17.47	19.06	18.78
15	17.97	17.46	.....	.....	15.17	13.52	.....	13.08	13.92	.....	17.73	19.23
20	17.87	17.94	.....	.....	14.93	13.30	.....	.....	14.30	.....	17.97	19.25
25	17.73	18.05	.....	.....	14.71	13.16	.....	.....	14.70	.....	18.09	19.13
Eom	17.79	.....	.....	.....	14.58	13.04	.....	.....	15.16	17.15	18.55	19.01
1972												
5	18.12	16.93	16.50	14.05	10.65	9.79	9.93	10.23	11.63	11.45	10.46	8.87
10	17.80	17.02	16.22	13.82	10.19	9.98	9.87	10.39	12.11	11.32	9.97	9.37
15	17.72	16.80	15.85	13.12	9.41	9.92	9.89	10.73	12.35	11.03	9.67	8.49
20	17.37	17.19	15.50	12.72	9.78	10.00	10.05	11.22	12.25	10.91	9.43	8.83
25	17.28	16.87	14.92	9.90	9.85	9.88	9.96	11.33	11.89	10.65	9.04	8.34
Eom	16.92	16.75	14.33	10.53	9.64	10.01	10.17	11.31	11.49	10.55	9.00	8.07

Medina County

410142N0820059.1. Local number Md-1. City of Lodi. Drilled unused water-table well in gravel, diam 6 in, depth 65 ft, cased to 65. Lsd 910 ft above msl. MP floor of instrument platform, 1.90 ft above lsd. Highest water level 7.60 below lsd, July 4, 1969; lowest 31.64 below lsd, Nov. 9, 1962. Records available: 1946-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.40	21.50	22.40	21.60	.....	21.00	20.60	24.50	22.50	.....	21.10	.....
10	21.80	21.40	17.30	21.40	.....	17.20	.....	23.40	22.30	21.30	21.30	.....
15	.....	21.20	21.00	21.50	.....	21.90	.....	.....	22.50	.....	.....	20.40
20	.....	21.20	17.30	22.10	.....	18.90	18.90	19.00	22.50	19.40	20.30	20.60
25	.....	16.80	20.20	21.90	21.90	20.60	.....	22.90	22.70	20.40	21.30	20.00
Eom	18.90	21.70	16.80	.....	21.10	21.00	27.00	23.00	19.20	.....	.....	19.70
1969												
5	14.70	18.00	.....	19.50	20.00	15.40	19.30	.....	21.00	19.70	20.40	19.50
10	19.00	18.60	.....	10.80	19.40	19.00	.....	.....	20.20	20.40	20.40	19.60
15	18.80	19.50	.....	14.50	19.20	18.40	.....	16.10	20.40	20.40	20.20	19.60
20	15.20	19.30	.....	18.70	18.90	18.70	.....	19.70	20.80	20.00	19.80	19.60
25	19.70	19.20	.....	19.00	18.50	19.30	.....	20.00	20.20	21.40	20.20	19.00
Eom	19.20	19.60	20.20	18.80	19.50	19.40	.....	19.00	20.70	20.80	19.20	20.00
1970												
5	20.00	.....	19.40	18.10	18.90	19.00	19.20	21.40	22.00	20.10	19.20	18.50
10	20.20	.....	19.60	18.30	19.50	19.60	19.50	24.30	21.30	20.00	19.40	18.50
15	20.00	.....	18.70	18.50	19.00	19.80	19.70	23.50	21.20	19.70	19.40	18.50
20	20.00	.....	19.50	18.50	18.00	19.70	23.90	22.00	20.50	19.40	18.90	18.10
25	20.00	19.40	18.90	18.30	18.50	18.90	23.00	23.20	20.50	19.50	19.30	18.90
Eom	19.50	19.70	18.60	18.50	18.80	18.80	23.80	25.50	19.70	19.90	19.30	18.00
1971												
5	19.30	19.60	19.00	19.50	20.10	19.20	24.10	25.20	24.30	22.90	23.50	22.55
10	19.20	19.40	18.80	19.90	19.90	.....	29.00	24.60	24.50	19.80	23.45	23.00
15	19.10	19.90	18.90	19.30	18.60	.....	31.40	23.40	24.30	23.40	23.65	22.80
20	19.40	19.60	18.70	19.80	18.20	.....	29.80	25.50	21.60	23.70	23.20	22.60
25	20.00	19.30	18.70	19.90	20.00	.....	26.90	26.10	23.10	24.05	22.65	22.60
Eom	19.70	19.00	19.10	19.90	19.70	23.80	25.50	25.00	22.20	23.30	22.80	23.05

410142N0820059.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.80	.....	18.75	21.60	21.40	21.05	21.00	19.50	22.00	20.60	.....	20.70
10	.....	.....	22.65	20.60	16.90	21.60	20.80	23.10	21.85	20.35	.....	16.65
15	.....	.....	21.40	21.10	16.60	21.85	17.35	27.30	21.00	16.70	.....	20.20
20	.....	.....	17.00	20.80	20.80	22.05	22.00	23.10	21.70	20.35	.....	20.70
25	22.00	22.85	21.85	20.60	17.45	21.10	21.90	22.45	20.75	17.00	.....	20.00
Eom	21.20	23.40	21.10	20.40	21.20	21.00	22.40	18.50	21.20	20.20	21.05	20.85

Montgomery County

394531N0841121.1. Local number Mt-2. Dayton Power & Light Co. 118 East Fourth St. Drilled unused water-table well in gravel, diam 8 in, depth 57 ft, cased to 57. Lsd 740 ft above msl. MP floor of instrument shelter, 5.68 ft above lsd. Highest water level 20.97 below lsd, Mar. 25, 1943; lowest dry, several times, 1968-70. Records available: 1942-70. Water levels affected by pumping. Well dry; measurement discontinued October 1970.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	42.56	42.05	42.31	43.57	45.61	42.51	.....	(f)	(f)	(f)	(f)	(f)
10	42.46	.....	43.02	43.23	46.08	42.78	45.58	(f)	(f)	(f)	(f)	(f)
15	42.40	.....	.....	42.92	46.30	43.62	(f)	(f)	(f)	(f)	(f)	(f)
20	42.91	41.23	.....	44.14	.....	43.95	(f)	(f)	(f)	(f)	(f)	(f)
25	43.23	41.54	44.03	44.62	.....	44.60	(f)	(f)	(f)	(f)	(f)	(f)
Eom	42.97	41.98	43.95	44.91	.....	45.17	(f)	(f)	(f)	(f)	(f)	(f)
1969												
5	43.66	41.05	39.85	41.76	41.86	42.36	45.40	.....	.....	.....	.....	.....
10	43.58	40.00	40.00	41.53	42.92	42.74	45.91	.....	.....	.....	.....	.....
15	43.50	39.66	40.63	41.35	43.31	43.98	(f)	.....	.....	.....	.....	.....
20	43.44	39.45	41.39	.....	43.36	44.51	.....	.....	.....	.....	.....	.....
25	.....	39.54	41.82	41.55	42.38	44.76	.....	.....	.....	.....	.....	.....
Eom	.....	39.78	41.73	41.40	42.00	45.09	.....	.....	.....	.....	.....	.....
1970												
5	(f)	.....	.....	44.66	44.20	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	45.40	43.78	44.47	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	45.23	43.51	45.58	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	45.23	43.90	45.30	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	45.32	44.54	46.08	.....	.....	.....	.....	.....	.....	.....
Eom	.....	.....	44.74	44.50	46.49	46.58	.....	.....	(f)	.....	.....	.....

f Dry.

394025N0841628.1. Local number Mt-49. E. F. Stenger. Drilled unused water-table well in gravel, diam 6 in, depth 220 ft, cased to 220. Lsd 715 ft above msl. MP floor of instrument shelter, 2.50 ft above lsd. Highest water level 10.52 below lsd, Jan. 22, 1959; lowest 33.66 below lsd, Oct. 20, 1972. Records available: 1947-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.66	.....	23.05	22.44	23.34	17.60	19.19	20.41	21.55	22.64	23.78	23.14
10	22.82	.....	23.28	22.50	23.48	17.88	19.49	20.32	21.73	22.84	23.82	23.25
15	22.97	.....	23.44	22.64	23.26	18.22	19.84	20.52	21.96	23.04	23.96	23.40
20	23.08	.....	23.38	22.79	23.01	18.40	20.03	20.74	22.05	23.23	23.62	23.54
25	23.07	.....	23.21	22.97	19.80	18.67	20.24	21.05	22.25	23.42	23.70	23.41
Eom	.....	22.86	22.65	23.16	17.75	18.88	20.38	21.36	22.47	23.63	23.40	22.42
1969												
5	22.52	19.48	20.07	21.05	21.15	21.09	21.05	21.64	22.47	23.94	25.05	25.60
10	22.74	19.20	20.32	20.66	21.23	21.37	20.99	21.77	22.74	24.16	25.22	25.60
15	22.96	19.32	20.58	20.84	21.39	21.50	21.10	21.33	23.03	24.37	25.40	25.79
20	21.91	19.53	20.82	20.62	20.75	21.63	21.34	21.56	23.25	24.56	25.20	26.00
25	21.89	19.70	20.89	20.72	20.46	20.86	21.16	21.84	23.46	24.72	25.24	26.23
Eom	20.47	19.83	20.88	20.94	20.83	20.86	21.40	22.23	23.71	24.85	25.44	26.41
1970												
5	26.60	25.11	25.47	22.62	21.48	22.21	23.77	25.16	26.27	27.28	28.01	28.78
10	26.70	25.04	25.00	22.27	21.72	22.40	24.05	25.38	26.45	27.43	28.19	28.89
15	26.90	25.25	25.28	22.34	21.46	22.63	24.23	25.62	26.60	27.47	28.34	28.94
20	26.97	25.37	25.39	22.40	21.63	22.95	24.51	25.79	26.79	27.60	28.43	29.01
25	27.14	25.50	25.47	21.48	21.83	23.25	24.77	25.92	26.96	27.75	28.55	28.97
Eom	25.55	25.63	25.38	21.26	22.11	23.51	25.01	26.11	27.12	27.90	28.66	29.14
1971												
5	29.08	29.62	26.02	26.48	27.10	27.62	28.06	29.10	30.41	31.20	32.33	33.45
10	29.12	29.49	26.00	26.65	.....	27.84	28.23	29.36	30.45	31.41	32.48	33.33
15	29.29	29.40	25.93	26.82	.....	28.06	28.43	29.57	30.61	31.62	32.74	33.35
20	29.43	28.70	25.78	27.05	.....	28.31	28.69	29.80	30.77	31.77	32.92	32.75
25	29.58	27.60	26.02	27.27	.....	28.54	28.76	29.95	30.89	31.91	33.10	32.92
Eom	29.80	26.70	26.29	27.46	.....	27.87	28.94	30.27	.....	32.10	33.30	32.95
1972												
5	32.13	.....	32.76	31.94	26.52	26.35	.....	30.30	32.46	32.99	33.03	29.27
10	31.82	32.96	32.33	30.52	26.28	26.73	.....	30.63	32.72	33.18	31.93	28.52
15	.....	33.14	32.20	29.35	25.67	.....	.....	31.02	33.04	33.38	30.72	28.10
20	.....	33.13	31.88	27.96	25.48	.....	29.11	31.44	33.26	33.66	29.22	28.27
25	.....	33.32	31.76	26.36	25.90	.....	29.46	31.83	33.30	.....	28.84	28.00
Eom	.....	33.48	31.79	26.42	26.01	.....	29.90	32.42	33.14	.....	29.13	28.15

Muskingum County

395759N0815934.1. Local number Mu-1a. City of Zanesville. Drilled unused water-table well in gravel, diam 6 in, depth 135 ft, cased to 135. Lsd 700 ft above msl. MP floor of instrument shelter, 4.48 ft above lsd. Highest water level 8.50 below lsd, May 25, 1967; lowest 37.25 below lsd, Aug. 1, 2, 1954. Records available: 1942-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.20	20.15	20.75	15.20	.....	12.35	15.40	20.15	22.25	23.30	23.95	23.50
10	21.10	17.00	20.40	16.00	.....	13.65	16.25	20.75	22.10	23.50	23.90	23.10
15	21.45	17.00	20.55	16.40	.....	.....	17.05	20.85	22.30	23.75	24.20	23.75
20	22.10	18.05	20.35	16.40	.....	14.30	18.35	21.15	22.75	23.85	23.80	24.30
25	22.25	19.10	18.45	17.20	15.35	15.55	19.40	21.80	23.05	23.90	23.55	24.50
Eom	22.65	19.50	16.25	.....	12.85	15.85	19.95	22.25	23.20	23.95	23.40	23.60

1969

5	22.10	20.25	22.15	23.25	20.70	19.75	21.55	14.50	17.90	19.70	22.35	23.30
10	22.20	19.25	21.85	22.15	20.70	20.10	10.40	15.20	17.65	20.25	22.55	23.35
15	22.95	19.75	22.80	21.45	19.60	20.05	11.70	16.05	18.60	20.80	23.15	22.60
20	23.45	20.75	23.15	20.95	19.10	20.15	12.10	16.10	19.65	21.30	23.35	23.60
25	23.15	20.95	23.45	20.50	19.05	20.60	12.30	16.15	19.80	21.80	22.95	23.60
Eom	22.95	21.50	22.90	20.30	19.90	21.05	12.30	17.20	19.70	22.60	22.00	.....

1970

5	.....	23.50	19.70	17.65	12.25	16.70	18.80	18.70	20.95	21.15	21.70	.....
10	.....	20.50	19.00	14.45	14.20	17.40	18.55	18.40	21.20	21.50	21.30	.....
15	.....	19.00	18.85	15.00	13.80	17.70	18.15	19.65	20.85	21.75	21.00	.....
20	24.95	19.65	19.45	15.20	13.25	17.90	18.75	20.00	21.40	21.50	20.60	.....
25	25.00	19.70	18.90	15.30	14.25	17.90	19.40	19.95	21.35	21.65	20.10	.....
Eom	25.25	19.85	18.75	12.25	16.10	17.70	19.15	20.55	21.45	21.85	20.55	20.65

1971

5	20.75	23.00	17.45	18.15	21.00	20.35	23.50	24.80	26.00	26.00	26.10	26.45
10	20.80	22.95	16.65	18.65	20.10	20.25	24.35	25.00	26.40	25.75	25.70	26.25
15	21.20	23.10	16.75	19.75	17.70	20.85	24.30	25.45	26.55	25.60	26.00	25.95
20	21.55	23.35	.....	20.40	17.85	21.65	24.60	25.80	25.95	26.65	26.15	25.85
25	21.80	22.20	.....	20.75	19.10	22.65	25.00	26.20	26.05	26.00	26.25	25.65
Eom	22.45	20.25	17.75	21.00	19.50	23.40	24.75	25.50	26.20	25.75	26.20	25.60

1972

5	25.60	25.75	.....	24.25	18.15	.....	20.60	23.60	24.45	25.00	25.00	23.00
10	25.70	28.30	.....	23.85	18.40	20.75	21.75	23.95	24.95	24.65	24.00	22.05
15	26.05	28.80	.....	23.95	.....	21.10	22.50	24.00	25.25	24.80	22.55	21.65
20	26.85	28.10	.....	21.60	.....	21.20	22.40	24.20	25.00	24.95	.....	21.85
25	26.10	28.55	.....	19.25	.....	21.30	23.10	24.25	24.90	25.20	21.95	21.65
Eom	27.25	.....	23.90	17.75	.....	21.35	23.55	24.30	25.05	25.30	22.45	22.10

395655N0820128.1. Local number Mu-2a. State of Ohio. 300 ft from Licking River. Drilled unused artesian well in gravel, diam 8 in, depth 36 ft, cased to 36. Lsd 700 ft above msl. MP floor of instrument shelter, 7.14 ft above lsd. Highest water level 8.46 below lsd, Apr. 8, 1964; lowest 16.60 below lsd, Dec. 27, 28, 1960. Records available: 1960-68. Measurement discontinued May 1968.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	14.73	11.86	15.27	13.38	14.80	.....	.....	.....	.....	.....	.....	.....
10	15.24	11.08	15.38	14.34	.....	.....	.....	.....	.....	.....	.....	.....
15	15.20	13.68	15.44	14.78	.....	.....	.....	.....	.....	.....	.....	.....
20	15.39	14.51	14.66	14.92	.....	.....	.....	.....	.....	.....	.....	.....
25	15.16	14.82	13.18	15.07	.....	.....	.....	.....	.....	.....	.....	.....
Eom	13.77	15.02	11.76	14.57	.....	.....	.....	.....	.....	.....	.....	.....

Portage County

411401N0810250.1. Local number Po-1. Edward Tiddle. Drilled unused artesian well in sandstone, diam 6 in, depth 55 ft, casing information not available. Lsd 970 ft above msl. MP floor of instrument shelter, 0.60 ft above lsd. Highest water level 14.49 below lsd, June 13, 1947; lowest 23.08 below lsd, Feb. 22, 1954. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.38	20.04	19.89	19.51	19.34	18.43	18.55	19.38	19.92	20.38	20.69	20.45
10	20.33	19.93	19.94	19.43	19.31	18.21	18.61	19.42	19.96	20.39	20.72	20.47
15	20.36	19.96	19.92	19.37	19.20	18.37	18.75	19.56	20.06	20.47	20.80	20.33
20	20.36	19.97	19.79	19.35	19.06	18.29	18.89	19.60	20.15	20.50	20.74	20.25
25	20.34	20.03	19.71	19.34	19.02	18.30	19.02	19.70	20.17	20.48	20.70	20.24
Eom	20.12	19.88	19.55	19.27	18.65	18.37	19.22	19.80	20.31	20.67	20.66	19.97

1969

5	19.98	19.60	19.67	19.45	18.82	18.64	18.87	19.30	19.76	20.26	20.68	20.98
10	19.97	19.74	19.64	19.37	18.68	18.70	18.84	19.35	19.87	20.28	20.76	20.96
15	20.01	19.83	19.83	19.32	18.61	18.66	19.00	19.47	19.94	20.40	20.81	20.97
20	19.91	19.75	19.74	19.29	18.28	18.72	19.10	19.53	20.04	20.49	20.85	20.94
25	19.86	19.66	19.63	19.06	18.53	18.78	19.24	19.57	20.09	20.60	20.90	20.99
Eom	19.75	19.67	.....	18.94	18.59	18.84	19.23	19.70	20.17	20.60	20.85	20.95

411401N0810250.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.90	20.76	20.52	19.98	19.69	19.60	19.63	19.98	20.37	20.82	20.87	20.57
10	20.90	20.69	20.43	19.87	19.66	19.59	19.65	20.05	20.47	20.91	20.92	20.48
15	20.93	20.74	20.44	19.87	19.71	19.67	19.70	20.08	20.54	20.86	20.78	20.35
20	20.93	20.70	20.30	19.77	19.69	19.69	19.85	20.17	20.60	20.89	20.75	20.28
25	20.91	20.69	20.22	19.75	19.67	19.71	19.89	20.16	20.74	20.91	20.73	20.15
Eom	20.85	20.61	20.14	19.70	19.61	19.62	19.88	20.29	20.73	20.95	20.65	20.09
1971												
5	20.06	.....	19.71	19.25	19.16	19.28	19.47	19.97	20.44	20.68	20.93	21.10
10	19.98	.....	19.62	19.22	19.21	19.30	19.55	20.02	20.51	20.62	20.95	20.90
15	19.97	.....	19.46	19.16	19.22	19.30	19.57	20.16	20.54	20.73	21.04	20.85
20	19.96	.....	19.42	19.09	19.24	19.32	19.70	20.19	20.59	20.81	21.02	20.78
25	19.95	.....	19.35	19.11	19.23	19.37	19.71	20.22	20.64	20.80	21.08	20.81
Eom	.....	19.68	19.26	19.17	19.25	19.45	19.91	20.31	20.67	20.88	21.14	20.67
1972												
5	20.56	20.40	19.98	19.24	18.23	18.24	18.77	19.33	20.09	20.53	20.94	20.54
10	20.46	20.37	19.92	19.16	18.16	18.38	18.75	19.55	20.28	20.68	20.90	20.50
15	20.52	20.31	19.67	19.07	18.02	18.39	18.80	19.63	20.30	20.70	20.85	20.37
20	20.46	20.30	19.58	18.64	17.98	18.50	18.92	19.71	20.39	20.78	20.82	20.26
25	20.49	20.19	19.42	18.39	18.06	18.59	19.03	19.83	20.49	20.79	20.72	20.24
Eom	20.34	20.15	19.31	18.27	18.08	18.65	19.20	20.02	20.45	.....	20.65	20.21

Richland County

404625N0823051.1. Local number R-4. City of Mansfield. Drilled unused artesian well in gravel, diam 14 in, depth 127 ft, casing information not available. Lsd 1,150 ft above msl. MP top of instrument table, 4.70 ft above lsd. Highest water level 28.30 below lsd, Dec. 31, 1972; lowest 60.10 below lsd, Oct. 12, 13, 19, 20, 1962. Records available: 1942-47, 1949-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	49.90	50.05	49.95	50.55	48.90	45.40	46.10	46.80	46.60	51.00	50.90	48.30
10	50.90	51.40	50.15	50.25	50.15	47.00	48.55	48.30	49.15	50.90	51.55	49.55
15	50.50	51.25	50.65	44.40	49.55	49.10	44.70	49.85	50.30	50.70	51.25	50.20
20	51.95	50.45	50.40	49.00	45.60	47.40	48.65	49.75	50.60	50.90	49.90	50.40
25	51.90	50.30	50.25	49.45	49.90	44.70	48.55	50.50	50.35	51.35	50.00	49.60
Eom	51.50	50.40	50.50	46.90	47.10	49.05	49.05	50.35	49.85	51.25	48.60	47.45
1969												
5	49.15	50.10	49.65	45.90	47.40	44.90	39.00	41.20	43.30	44.50	43.50	44.05
10	50.30	49.55	48.80	47.35	48.25	42.60	43.75	43.40	43.20	45.25	39.80	39.65
15	50.25	50.70	49.90	47.65	48.30	46.35	44.50	44.30	40.00	43.90	45.05	36.60
20	50.60	50.70	47.90	48.25	47.40	40.95	45.05	43.15	45.50	40.00	44.55	37.95
25	51.00	50.05	46.05	48.70	48.05	42.70	44.80	39.50	44.85	45.75	41.60	36.50
Eom	50.75	50.75	45.60	48.05	44.00	42.20	44.10	42.90	42.10	45.40	38.20	35.80
1970												
5	34.85	34.95	34.55	34.55	32.20	36.15	32.75	33.30	34.45	33.00	34.65	.....
10	36.05	34.35	33.90	34.70	33.90	33.75	34.30	33.15	33.35	34.75	33.95	.....
15	35.30	34.90	34.00	34.10	33.85	32.70	33.30	33.40	32.80	34.75	35.10	.....
20	34.90	35.00	34.20	32.50	34.90	34.15	33.80	33.20	34.30	34.25	34.65	.....
25	35.05	34.40	33.60	34.15	33.60	34.05	33.20	34.00	34.30	34.85	.....	40.00
Eom	35.30	34.75	32.75	33.45	32.75	32.90	33.50	34.25	35.75	34.80	.....	37.65
1971												
5	34.75	41.00	33.85	32.60	39.10	33.60	33.00	33.85	34.10	33.00	34.40	.....
10	39.50	40.20	33.05	32.90	34.65	32.45	32.80	33.55	34.00	32.80	34.15	.....
15	39.95	40.55	33.20	33.35	33.80	31.15	32.35	33.25	33.30	34.10	33.35	.....
20	40.65	40.10	33.15	37.95	32.85	32.65	32.05	32.95	33.75	34.05	33.75	32.90
25	40.20	34.50	32.80	39.70	31.85	32.15	33.85	33.85	33.75	34.05	33.75	32.90
Eom	40.75	34.25	32.30	40.00	31.30	31.90	33.75	33.25	33.50	33.85	34.60	32.60
1972												
5	32.05	.....	.....	31.65	33.80	31.15	29.40	.....	29.40	30.40	30.55	28.95
10	32.15	.....	.....	31.40	31.50	34.60	.....	32.05	30.60	29.70	30.40	29.70
15	34.35	32.60	32.70	31.60	30.60	30.80	.....	31.15	30.75	30.35	29.65	29.50
20	33.15	.....	32.45	31.90	33.60	30.20	.....	31.65	30.60	30.40	28.90	28.90
25	33.50	.....	32.85	30.70	33.85	31.00	30.80	32.15	30.90	29.80	28.70	27.90
Eom	.....	33.55	32.40	31.45	30.25	31.00	29.80	36.25	30.85	30.10	29.25	28.30

Ross County

391917N0825817.1. Local number Ro-3. Mead Paper Corp. Hickory St. and Baltimore & Ohio RR. tracks, Chillicothe. Drilled unused water-table well in gravel, diam 30 in, depth 91 ft, cased to 91. Lsd 610 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 17.20 below lsd, Mar. 21, 1943; lowest 42.92 below lsd, Dec. 24, 1949. Records available: 1941-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	39.03	39.06	37.98	36.83	36.04	24.06	25.98	27.90	29.13	31.73	33.42	34.35
10	38.95	38.83	37.65	36.50	36.16	25.00	26.34	28.10	29.50	32.22	31.13	34.30
15	38.91	38.60	37.52	36.15	36.24	25.63	26.77	28.34	30.04	32.74	34.38	34.53
20	38.85	38.43	37.24	36.02	36.29	25.98	27.03	28.55	30.45	33.01	34.43	34.68
25	39.00	38.25	36.83	35.93	.....	25.68	27.25	28.80	30.90	33.30	34.52	34.75
Rom	39.07	38.19	36.94	36.03	23.04	25.67	27.56	29.18	31.31	33.68	34.58	34.05

391917N0825817.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	33.91	33.18	31.56	30.91	31.87	32.26	33.16	33.84	34.67	36.57	37.85	38.75
10	33.86	32.46	31.64	30.91	31.87	32.47	33.33	33.93	34.93	36.68	38.23	38.79
15	33.96	31.93	31.61	30.93	32.08	32.59	33.38	34.05	35.36	36.74	38.51	38.97
20	34.04	31.66	31.14	31.28	32.01	32.73	33.49	34.05	35.68	36.97	38.84	39.09
25	34.16	31.43	30.87	31.91	32.04	32.75	33.64	34.36	36.09	37.35	38.99	39.06
Eom	34.05	31.37	30.93	32.00	32.12	32.94	33.79	34.68	36.27	37.77	38.84	38.55
1970												
5	38.64	39.83	38.92	27.45	.....	28.47	29.81	31.32	33.67	35.48	36.95	37.21
10	38.98	39.63	38.96	33.60	.....	28.35	29.59	31.57	33.95	35.85	37.03	37.21
15	39.22	39.59	38.79	32.27	.....	28.67	29.60	31.88	34.17	36.15	36.93	37.26
20	39.47	39.23	38.70	31.51	.....	29.30	29.75	32.15	34.43	36.43	36.97	37.27
25	39.69	39.03	38.62	31.09	.....	29.65	30.00	32.62	34.65	36.63	37.10	37.18
Eom	39.87	.....	38.50	30.04	28.65	29.84	30.68	33.20	34.98	36.83	37.18	36.56
1971												
5	36.38	36.43	33.39	30.05	30.19	30.60	31.60	30.84	32.12	32.77	33.67	34.15
10	30.42	36.38	32.55	29.91	30.32	30.86	30.90	31.10	32.06	32.95	33.77	34.09
15	36.40	36.14	31.77	29.98	30.33	31.28	30.33	31.28	32.02	33.15	33.80	34.08
20	36.41	35.95	31.07	29.92	30.38	31.66	30.40	31.27	32.17	33.33	33.84	34.03
25	36.35	35.52	30.67	29.90	30.37	31.92	30.48	31.60	32.39	33.44	33.93	33.88
Eom	36.38	34.60	30.33	30.01	30.50	31.80	30.73	31.95	32.57	33.57	34.01	33.39
1972												
5	.....	.....	32.35	30.90	27.48	26.52	26.83	28.06	29.03	30.29	31.17	29.08
10	.....	.....	32.10	30.74	27.20	26.48	27.09	28.27	29.09	30.37	31.02	28.76
15	.....	.....	31.83	30.39	27.01	26.60	27.30	28.49	29.32	30.51	30.67	27.92
20	.....	.....	31.58	29.45	26.68	26.60	27.43	28.72	29.72	30.72	30.12	27.59
25	.....	.....	31.34	28.55	26.46	26.55	27.55	28.92	29.97	30.90	29.72	27.33
Eom	.....	.....	31.10	27.89	26.44	26.60	27.80	29.08	30.16	31.11	29.37	.....

Stark County

404651N0813122.1. Local number St-1. Republic Steel Corp. Oberlin Ave., Massillon. Drilled unused water-table well in gravel, diam 6 in, depth 161 ft, cased to 161. Lsd 975 ft above msl. MP top of concrete base, 6.00 ft below lsd. Highest water level 41.70 below lsd, June 16, 1947; lowest 60.25 below lsd, Jan. 29, 1968. Records available: 1942-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	59.85	58.25	57.94	57.93	58.48	56.15	56.40	55.47	.....	.....	54.13	55.33
10	59.92	.....	58.09	57.74	58.63	56.08	.....	55.15	54.14	53.95	54.30	55.43
15	59.99	.....	58.32	57.93	58.58	56.15	.....	54.85	54.17	53.90	54.53	55.60
20	60.07	.....	58.38	58.10	58.08	56.25	56.19	54.67	54.12	53.94	54.79	55.77
25	60.18	.....	58.36	58.29	58.03	56.30	55.90	54.55	54.03	53.98	54.98	55.74
Eom	60.17	57.68	58.04	58.37	56.98	56.34	55.69	.....	54.00	54.02	54.22	55.25
1969												
5	54.80	.....	55.54	55.82	55.02	54.15	54.34	49.15	49.40	49.77	50.14	50.68
10	54.74	.....	.....	55.45	55.02	54.07	50.87	49.10	49.44	49.78	50.18	.....
15	54.74	.....	.....	55.23	54.90	54.15	49.86	49.18	49.46	49.86	50.20	.....
20	54.72	.....	.....	55.23	54.90	54.16	49.58	49.23	49.56	49.88	50.26	.....
25	54.69	54.98	55.76	55.13	54.35	54.24	49.38	49.26	49.61	50.06	50.38	.....
Eom	.....	55.35	55.83	55.05	54.24	54.29	49.24	49.34	49.65	50.17	50.56	.....
1970												
5	.....	52.20	52.62	.....	.....	.....	.....	47.57	.....	.....	49.74	49.80
10	.....	52.14	.....	.....	.....	.....	.....	47.72	48.65	49.55	49.75	49.75
15	.....	52.26	.....	.....	.....	.....	47.10	.....	48.75	49.55	49.81	49.53
20	.....	52.38	.....	51.50	.....	.....	47.08	.....	.....	49.55	49.81	49.44
25	.....	52.45	.....	.....	.....	.....	47.35	.....	.....	49.71	49.79	49.33
Eom	52.23	52.54	.....	.....	.....	.....	47.48	.....	.....	49.73	49.69	49.15
1971												
5	49.05	50.04	.....	.....	.....	50.26	50.19	49.74	.....	48.48	48.47	48.62
10	49.15	50.25	.....	.....	.....	50.31	50.04	49.63	48.85	48.39	48.53	48.71
15	49.33	50.53	.....	.....	.....	50.22	50.17	.....	48.79	48.54	48.57	48.73
20	49.48	50.73	.....	.....	50.24	50.28	50.01	.....	48.70	48.63	48.73	48.61
25	49.62	50.28	.....	.....	50.24	50.31	49.89	.....	48.80	48.73	48.54	48.75
Eom	49.78	49.96	.....	.....	50.21	50.30	49.96	.....	48.62	48.57	48.44	.....
1972												
5	.....	48.93	.....	48.20	.....	47.22	47.40	46.50	47.12	47.27	47.92	47.57
10	.....	48.96	.....	48.23	.....	47.42	47.17	46.67	47.27	47.24	47.91	47.58
15	.....	49.07	.....	48.27	.....	47.47	46.98	46.72	.....	47.38	47.68	47.63
20	.....	48.22	.....	48.07	47.18	47.41	46.38	46.92	.....	47.54	47.44	47.61
25	48.73	49.33	48.38	47.51	47.17	47.53	46.27	46.97	.....	47.66	47.44	47.62
Eom	48.76	49.27	48.32	.....	47.18	47.57	46.27	47.03	.....	47.87	47.50	.....

405044N0811938.1. Local number St-4. Adessi Bros. Near Canton. Drilled unused water-table well in gravel, diam 4 in, depth 190 ft, cased to 160. Lsd 1,075 ft above msl. MP top of casing, 4.00 ft above lsd. Highest water level 6.92 below lsd, Feb. 6, 1952; lowest 22.42 below lsd, Feb. 2, 1942. Records available: 1941-72.

405044N0811938.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.43	12.07	11.18	10.70	11.01	10.08	10.22	10.94	11.86	12.63	13.38	13.65
10	13.45	11.28	11.32	10.57	11.16	9.95	10.34	11.07	11.98	12.76	13.49	13.60
15	13.49	11.00	11.46	10.56	11.21	9.93	10.49	12.00	12.11	12.89	13.60	13.53
20	13.53	10.95	11.49	10.61	11.08	9.97	10.59	11.35	12.24	13.02	13.62	.....
25	13.59	10.99	11.38	10.71	10.97	10.05	10.69	11.49	12.37	13.12	13.64	.....
Eom	13.53	11.06	10.94	10.85	10.47	10.13	10.82	11.60	12.50	13.26	13.66	13.08
1969												
5	12.38	11.01	10.86	11.55	10.82	10.39	11.22	10.88	11.38	12.21	12.96	13.48
10	12.05	10.73	10.96	11.20	10.85	10.48	11.10	10.91	11.51	12.32	13.06	13.55
15	11.97	10.63	11.14	10.91	10.56	10.60	11.02	10.99	11.65	12.44	13.15	13.58
20	11.85	10.63	11.29	10.78	10.39	10.74	11.00	11.07	11.79	12.57	13.24	13.60
25	11.66	10.70	11.42	10.74	10.31	10.90	10.98	11.15	11.93	12.69	13.32	13.63
Eom	11.56	10.74	11.51	10.76	10.32	11.07	10.89	11.27	12.07	12.85	13.39	13.70
1970												
5	13.76	12.98	11.68	9.77	....	9.07	8.90	9.61	10.49	11.06	11.30	10.90
10	13.82	12.25	11.34	....	....	9.15	9.03	9.72	10.63	11.18	11.27	10.80
15	13.88	11.87	10.95	....	....	9.24	9.13	9.84	10.74	11.24	11.27	10.63
20	13.94	11.71	10.71	9.69	8.99	9.07	9.25	9.98	10.83	11.24	11.12	10.98
25	14.01	11.65	10.59	....	8.97	8.95	9.40	10.12	10.89	11.24	11.03	10.27
Eom	13.92	11.65	10.27	....	9.00	8.88	9.54	10.32	10.97	11.28	11.00	10.21
1971												
5	10.23	10.78	8.84	8.85	9.91	10.84	11.78	12.69	13.60	14.26	14.91	15.31
10	10.26	10.62	8.72	9.01	10.07	10.97	11.97	12.85	13.74	14.35	15.01	15.23
15	10.33	10.49	8.66	9.19	10.22	11.11	12.08	12.99	13.86	14.46	15.09	14.97
20	10.42	10.38	8.59	9.38	10.34	11.28	12.22	13.14	13.96	14.57	15.17	14.70
25	10.54	9.60	8.60	9.54	10.49	11.43	12.37	13.28	14.05	14.67	15.24	14.47
Eom	10.67	9.17	8.71	9.73	10.67	11.60	12.55	13.46	14.15	14.80	15.31	14.29
1972												
5	14.05	13.42	13.26	11.09	10.39	10.50	10.97	10.27	11.09	11.39	11.84	11.12
10	13.82	13.43	13.01	11.10	10.31	10.58	10.89	10.37	11.23	11.44	11.80	11.07
15	13.67	13.45	12.68	11.12	10.25	10.70	10.81	10.50	11.34	11.51	11.68	10.93
20	13.57	13.46	11.89	10.97	10.25	10.78	10.56	10.65	11.36	11.60	11.41	10.77
25	13.46	13.44	11.38	10.64	10.32	10.86	10.30	10.79	11.37	11.69	11.23	10.63
Eom	13.43	13.40	11.13	10.46	10.44	10.93	10.23	10.95	11.39	11.82	11.14	10.68

Summit County

410307N0812801.1. Local number Su-3. Goodyear Tire & Rubber Co. Akron. Drilled unused water-table well in gravel, diam 20 in, depth 140 ft, cased to 140. Lsd 1,020 ft above msl. MP floor of instrument shelter, 1.76 ft above lsd. Highest water level 11.00 below lsd, May 25, 1969; lowest 55.87 below lsd, Oct. 18-20, 26-28, 1944. Records available: 1943-69, 1971-72. No measurement made in 1970. Water levels affected by pumping. Well out of operation July 1969 to July 1971.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.65	23.95	20.35	17.20	.....	.....	.....	.....	.....	.....	32.55	27.85
10	29.20	23.80	19.80	16.85	.....	.....	.....	.....	27.80	30.60	32.95	26.55
15	28.85	22.55	19.50	16.55	.....	.....	.....	.....	.....	31.05	33.10	25.20
20	27.55	21.90	18.85	.....	.....	.....	.....	.....	.....	31.35	31.90	24.15
25	26.70	21.35	18.30	.....	20.75	.....	.....	.....	.....	31.65	31.25	23.25
Eom	24.55	20.85	17.70	.....	.....	.....	.....	.....	.....	32.20	29.75	21.75
1969												
5	21.30	17.70	15.40	14.35	.....	.....	.....	.....	.....	.....	.....	.....
10	21.65	17.10	15.10	13.80	.....	.....	.....	.....	.....	.....	.....	.....
15	21.65	16.75	15.00	.....	.....	.....	23.00	.....	.....	.....	.....	.....
20	20.90	16.30	14.75	.....	.....	.....	24.00	.....	.....	.....	.....	.....
25	19.85	15.80	14.45	.....	11.00	.....	.....	.....	.....	.....	.....	.....
Eom	18.60	15.70	14.45	.....	16.00	.....	.....	.....	.....	.....	.....	.....
1971												
5	.....	.....	.....	.....	.....	.....	.....	.....	26.84	31.42	34.64	31.68
10	.....	.....	.....	.....	.....	.....	.....	24.76	27.32	32.03	34.95	30.75
15	.....	.....	.....	.....	.....	.....	21.48	25.40	27.73	32.05	34.35	29.64
20	.....	.....	.....	.....	.....	.....	.....	26.03	28.59	32.19	33.65	28.50
25	.....	.....	.....	.....	.....	.....	.....	26.44	29.40	32.42	33.12	27.54
Eom	.....	.....	.....	.....	.....	.....	.....	26.66	30.42	33.60	32.54	26.37
1972												
5	25.51	21.68	19.01	16.25	14.37	18.22	.....	24.58	26.70	29.91	30.75	29.77
10	24.77	21.26	18.60	15.95	14.70	18.02	22.58	.....	28.13	30.21	30.87	29.22
15	24.19	20.70	18.16	15.52	14.85	19.95	23.20	.....	28.46	30.47	31.01	27.95
20	23.55	20.23	17.65	15.10	15.72	20.63	23.48	.....	28.90	30.35	30.90	26.75
25	22.85	19.77	17.04	14.68	16.55	21.30	23.72	26.00	29.27	30.15	30.53	25.67
Eom	22.18	19.42	16.53	14.43	17.31	21.68	24.18	26.22	29.57	30.30	29.98	24.58

Trumbull County

411628N0805113.1. Local number T-2a. Copperweld Steel Co. Mahoning Ave., Warren. Drilled unused artesian well in sandstone, diam 12 in, depth 120 ft, casing information not available. Lsd 910.22 ft above msl. MP floor of instrument shelter, 1.50 ft above lsd. Highest water level 26.95 below lsd, June 20, 1949; lowest 61.65 below lsd, Oct. 18, 1963. Records available: 1946-69. Measurement discontinued June 1969.

411628N0805113.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	44.40	44.15	45.70	46.60	44.70	43.85	44.20	38.35	47.45	46.70	45.70	43.70
10	44.70	43.90	46.15	47.00	44.60	44.40	43.30	35.80	47.70	46.65	45.85	43.70
15	44.40	43.75	47.05	47.10	44.10	44.60	41.00	41.55	47.50	46.60	45.15	44.35
20	44.60	44.10	47.85	45.35	43.20	44.45	37.70	44.55	47.40	46.85	44.80	44.50
25	44.60	.....	48.00	44.05	43.50	44.10	39.65	47.20	47.60	46.10	44.30	44.20
Eom	44.70	45.95	47.00	44.20	43.50	44.30	43.05	47.55	46.70	46.05	44.90	43.80
1969												
5	44.90	44.90	42.00	44.40	46.30	47.00	.....	.....	.....	.....	.....	.....
10	.....	45.20	44.50	44.70	46.35	49.15	.....	.....	.....	.....	.....	.....
15	.....	45.60	45.70	46.25	45.90	49.50	.....	.....	.....	.....	.....	.....
20	.....	45.30	45.95	45.80	45.80	49.80	.....	.....	.....	.....	.....	.....
25	.....	44.90	45.20	45.70	45.85	.....	.....	.....	.....	.....	.....	.....
Eom	45.85	44.00	44.55	46.00	46.80	.....	.....	.....	.....	.....	.....	.....

Tuscarawas County

403653N0813218.1. Local number Tu-1. Everett Waltz. Near Strasburg. Drilled unused water-table well in gravel, diam 4 in, depth 23 ft, cased to 23. Lsd 928.24 ft above msl. MP floor of instrument shelter, 0.90 ft above lsd. Highest water level 6.64 below lsd, July 14, 1969; lowest 15.10 below lsd, Oct. 31, Nov. 1, 1966. Records available: 1946-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	13.24	11.59	12.65	11.25	12.34	10.05	11.88	12.68	13.50	14.02	14.35	14.10
10	13.38	11.43	12.83	11.37	12.50	10.44	12.09	12.79	13.58	14.09	14.35	13.95
15	13.50	11.77	12.91	11.57	12.50	10.82	12.38	12.96	13.70	14.14	14.38	13.94
20	13.59	12.07	12.62	11.71	11.36	11.13	12.40	13.11	13.80	14.17	14.33	13.96
25	13.66	12.33	11.78	11.90	11.29	11.40	12.39	13.28	13.85	14.23	14.34	13.94
Eom	12.51	12.44	11.36	12.08	10.06	11.55	12.52	13.44	13.99	14.30	14.25	12.26
1969												
5	12.22	.....	12.30	12.67	12.33	12.69	13.30	8.58	9.98	11.85	12.45	12.97
10	12.47	.....	12.50	11.88	12.40	12.84	7.00	8.99	10.37	12.05	12.67	12.86
15	12.69	.....	12.66	11.98	12.04	12.99	6.75	9.50	10.75	12.23	12.72	12.56
20	12.63	.....	12.85	12.11	12.18	13.14	7.45	7.99	11.07	12.44	12.83	12.57
25	12.51	12.03	12.92	12.12	12.23	13.21	8.00	8.66	11.40	12.56	12.68	12.70
Eom	12.33	12.11	12.74	12.22	12.53	13.32	8.20	9.45	11.65	12.72	12.72	12.86
1970												
5	12.88	11.17	11.67	10.63	10.54	11.38	11.30	12.46	13.37	13.83	13.78	13.31
10	12.94	11.05	11.29	10.38	10.78	10.57	11.46	12.65	13.48	13.92	13.68	13.13
15	13.05	11.16	11.37	10.57	10.86	10.96	11.66	12.69	13.58	13.89	13.68	12.77
20	13.08	11.32	11.54	10.71	10.87	10.57	11.93	12.85	13.67	13.92	13.45	12.50
25	13.16	11.56	11.37	10.68	11.04	10.78	12.12	13.10	13.78	13.93	13.45	12.36
Eom	11.98	11.72	11.31	10.39	11.18	11.06	12.30	13.30	13.80	14.05	13.47	12.35
1971												
5	12.43	13.05	10.42	10.47	12.07	12.31	13.25	13.83	14.18	14.33	14.55	14.68
10	12.34	12.72	10.26	10.78	11.47	12.37	13.42	13.84	14.24	14.35	14.58	14.44
15	12.44	12.82	9.72	11.04	11.43	12.55	13.40	13.97	14.17	14.38	14.60	14.35
20	12.53	12.45	9.65	11.32	11.67	12.72	13.51	14.05	14.22	14.39	14.63	14.00
25	12.77	10.95	9.88	11.61	11.92	12.93	13.58	14.10	14.25	14.48	14.66	13.99
Eom	12.96	10.56	10.18	11.85	12.13	13.11	13.75	14.08	14.30	14.54	14.68	13.97
1972												
5	13.59	13.60	12.65	11.40	10.77	11.78	.....	13.02	13.42	13.42	13.17	11.64
10	13.51	13.65	12.40	11.31	10.89	12.06	.....	13.17	13.55	13.55	12.55	11.22
15	13.44	13.57	11.90	11.10	10.90	12.16	12.74	13.30	13.47	13.76	12.08	10.90
20	13.45	13.33	11.18	10.93	11.06	12.26	12.54	13.29	13.45	13.67	11.63	10.83
25	13.42	13.25	11.08	10.34	11.30	12.46	12.64	13.33	13.58	13.71	11.64	10.75
Eom	13.49	13.13	11.22	10.53	11.62	12.50	12.88	13.32	13.57	13.82	11.76	10.95

Van Wert County

405215N0843354.1. Local number VW-1. Marsh Foundation. Van Wert. Drilled unused artesian well in dolomite, diam 8 in, depth 340 ft, casing information not available. Lsd 785 ft above msl. MP top of instrument platform, 6.15 ft above lsd. Highest water level 18.85 below lsd, Mar. 6, 1958; lowest 28.90 below lsd, Sept. 18, 25, 1971. Records available: 1957-72.

Lowest water level for the day, from recorder graph, 1957												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	22.50	22.90	22.50	22.05
10	.....	.....	.....	.....	.....	.....	.....	.....	22.60	23.05	22.75	21.65
15	.....	.....	.....	.....	.....	.....	.....	21.60	22.45	23.15	22.05	21.95
20	.....	.....	.....	.....	.....	.....	.....	21.90	22.70	23.10	22.05	21.30
25	.....	.....	.....	.....	.....	.....	.....	21.90	22.80	22.60	22.10	21.85
Eom	.....	.....	.....	.....	.....	.....	.....	22.40	22.90	22.50	22.00	21.45
1958												
5	21.95	21.00	21.20	20.70	20.50	20.30	19.65	19.30	20.05	20.80	19.95	19.70
10	21.15	21.20	21.05	20.90	20.35	19.85	19.70	19.25	20.20	20.45	20.20	20.10
15	21.15	21.00	20.95	20.80	20.45	19.70	19.45	19.25	20.20	20.55	20.00	20.00
20	21.30	21.35	20.95	20.60	20.35	19.65	19.30	19.25	20.35	20.30	19.95	19.85
25	20.80	21.00	20.95	20.90	20.25	19.55	19.15	19.60	20.45	20.15	20.15	20.00
Eom	20.90	20.70	20.90	20.75	20.20	19.75	19.25	19.80	20.55	20.30	20.35	19.95

405215N0843354.1--Continued.

1959												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.00	19.70	19.50	19.20	19.35	19.90	20.50	21.00	23.25	23.55	22.60	22.25
10	19.80	19.00	19.25	19.45	19.30	20.05	20.70	21.25	23.65	23.30	22.75	22.50
15	19.30	19.45	19.05	19.35	19.50	20.30	20.90	21.70	23.40	23.15	22.95	22.30
20	19.60	19.65	19.30	19.30	19.55	20.25	20.75	21.80	23.80	23.10	22.65	22.45
25	19.50	19.50	19.30	19.25	19.75	20.30	20.95	22.15	23.80	22.50	22.30	22.35
Eom	20.00	19.25	19.15	19.05	19.70	20.50	20.95	22.65	23.75	22.95	22.55	22.20
1960												
5	22.05	21.30	21.10	20.50	20.50	20.30	20.55	21.30	23.60	24.75	23.55	23.55
10	21.90	20.55	20.95	20.95	20.20	20.50	20.65	21.35	24.25	24.35	23.70	23.60
15	21.55	21.20	21.00	20.55	20.30	20.20	20.70	21.80	24.60	24.10	23.40	23.35
20	21.65	21.25	20.70	20.60	20.35	20.55	20.80	22.00	24.75	24.00	23.50	23.85
25	21.60	20.95	20.90	20.25	20.35	20.55	20.85	22.65	25.00	23.80	23.35	23.80
Eom	21.50	21.10	20.55	20.40	20.30	20.40	21.15	23.15	25.00	23.35	23.60	23.65
1961												
5	23.80	24.75	24.60	24.10	23.55	22.85	23.05	22.50	23.10	24.35	23.50	22.70
10	24.10	24.30	24.80	24.15	23.30	22.90	23.05	22.45	23.55	24.40	23.20	22.90
15	23.75	24.65	24.45	23.70	22.80	23.15	22.95	22.60	23.90	24.35	23.20	23.10
20	23.85	24.80	24.85	24.00	23.05	22.80	22.65	22.65	23.95	23.80	23.10	22.70
25	24.60	24.30	24.75	23.30	22.80	22.85	22.65	22.55	24.15	23.60	23.05	22.60
Eom	24.40	24.70	24.40	23.45	22.95	23.00	22.55	22.70	24.25	23.30	22.95	22.60
1962												
5	22.45	22.20	21.90	22.20	21.90	22.05	22.25	22.70	24.45	....	24.45	24.15
10	22.85	22.45	22.00	21.95	22.00	22.15	22.40	22.95	24.40	24.70	24.20	24.40
15	22.55	22.25	22.00	22.00	22.05	22.10	22.35	23.05	24.70	24.60	24.40	24.60
20	22.60	22.35	21.85	22.05	22.00	22.05	22.55	23.25	24.90	24.45	24.45	25.10
25	22.20	22.40	22.00	21.85	22.10	22.20	22.45	23.85	24.70	24.50	24.75	25.25
Eom	22.40	22.40	22.00	21.75	22.15	22.40	22.55	24.05	24.85	24.30	24.65	25.45
1963												
5	25.30	.....	.....	.....	26.25	25.45	25.75	25.50	25.70	26.45	26.00	26.25
10	25.10	.....	.....	.....	26.00	25.30	25.65	25.40	25.70	26.50	26.10	26.35
15	25.75	.....	.....	.....	26.00	25.55	25.55	25.50	26.00	26.60	26.35	26.65
20	25.40	.....	.....	.....	25.90	25.55	25.40	25.35	25.90	26.40	26.40	26.50
25	25.85	.....	.....	.....	25.90	25.85	25.70	25.40	26.10	26.30	26.45	26.35
Eom	26.05	.....	.....	.....	25.80	25.75	25.50	25.60	26.20	.....	26.20	27.10
1964												
5	26.70	26.95	27.25	26.45	24.50	24.10	24.05	24.75	25.30	25.65	25.40	25.55
10	26.95	27.20	27.25	25.85	24.35	24.05	24.00	24.90	25.40	25.75	25.25	25.65
15	26.90	27.15	27.20	25.70	24.40	23.95	24.05	24.90	25.70	25.40	25.50	25.75
20	26.70	27.10	27.20	25.30	24.45	23.85	24.10	24.80	25.60	25.35	25.25	26.00
25	26.50	27.20	27.00	25.00	24.40	24.00	24.25	25.00	25.65	25.40	25.20	25.30
Eom	27.15	27.30	26.70	24.55	24.15	24.00	24.70	25.10	25.70	25.50	25.60	26.10
1965												
5	25.85	26.30	25.05	24.50	23.50	23.40	23.50	23.90	24.60	25.20	24.60	23.60
10	25.95	25.90	25.30	24.20	23.50	23.35	23.60	23.95	24.70	24.85	24.30	24.00
15	26.00	26.00	25.10	23.90	23.55	23.40	23.65	23.95	24.70	24.80	24.15	23.75
20	26.05	25.85	25.20	23.90	23.75	23.35	23.85	24.25	24.85	24.65	23.90	23.65
25	25.75	25.30	24.90	23.70	23.60	23.65	23.85	24.10	24.90	24.55	23.80	24.00
Eom	25.85	25.50	24.95	23.65	23.45	23.60	23.95	24.35	24.90	24.45	24.00	23.70
1966												
5	23.90	23.70	22.90	22.50	22.85	22.70	23.30	23.90	24.40	24.90	25.00	24.90
10	23.85	23.40	23.40	22.80	22.90	22.95	23.35	23.90	24.70	24.70	24.80	24.60
15	23.70	23.65	23.15	22.90	22.60	22.90	23.60	23.90	24.70	24.90	25.25	24.75
20	23.90	23.80	23.10	22.70	22.55	23.05	23.70	24.20	24.55	25.00	25.30	24.30
25	23.80	23.25	22.95	22.80	22.70	23.20	23.85	24.20	24.65	25.00	24.85	24.45
Eom	23.55	23.20	22.55	22.75	22.80	23.30	23.95	24.35	24.60	24.65	24.80	24.30
1967												
5	24.30	23.70	23.15	22.45	22.30	22.00	22.60	22.75	23.15	23.40	23.50	23.30
10	24.30	23.40	23.20	22.50	21.95	22.05	22.35	22.80	23.30	23.50	23.40	23.20
15	24.10	23.35	23.40	22.20	21.80	22.25	22.60	22.80	23.25	23.65	23.50	23.50
20	24.20	23.45	23.20	22.45	22.05	22.40	22.65	22.75	23.20	23.65	23.45	23.30
25	24.10	23.80	22.90	22.40	21.80	22.50	22.40	22.90	23.40	23.40	23.00	22.90
Eom	23.85	23.55	22.70	22.10	21.90	22.30	22.50	23.10	23.35	23.50	23.50	23.00
1968												
5	23.05	22.70	22.05	22.25	22.00	21.55	21.90	22.20	23.15	24.95	23.65	23.35
10	23.00	22.25	22.20	22.20	22.00	21.55	21.90	22.25	23.45	24.90	23.60	23.90
15	22.60	22.20	22.40	22.10	21.70	21.90	22.05	22.25	23.80	24.85	23.60	23.65
20	22.75	22.00	22.25	22.00	21.75	21.95	22.30	22.30	24.05	24.40	23.65	23.55
25	22.55	22.30	22.15	21.90	21.90	21.70	22.30	22.75	24.15	24.00	23.65	23.60
Eom	22.65	22.00	22.10	21.85	21.55	21.70	22.10	22.90	24.60	23.95	23.85	23.45
1969												
5	23.40	22.65	22.33	22.00	21.90	21.80	22.00	22.25	23.90	24.95	23.10	22.75
10	23.25	22.65	22.05	22.05	21.60	21.75	21.90	22.35	24.20	24.50	23.00	22.45
15	23.45	22.80	22.40	22.00	22.00	21.80	22.20	22.50	24.45	24.40	22.80	22.50
20	23.15	22.70	22.00	21.90	21.95	21.85	22.30	22.60	25.10	23.85	22.90	22.50
25	23.10	22.40	21.80	21.75	21.85	21.75	22.20	22.95	25.00	23.90	22.90	22.40
Eom	22.85	22.40	22.50	22.00	21.85	22.05	22.30	23.70	24.70	23.45	22.65	22.25
1970												
5	23.35	22.75	22.75	22.75	23.00	23.05	23.60	24.25	25.80	26.50	25.80	26.40
10	22.40	22.40	22.61	22.70	22.85	23.10	23.50	24.25	26.10	26.40	26.05	26.45
15	22.30	22.75	22.70	22.80	22.90	23.40	23.60	24.70	26.20	26.40	26.05	26.45
20	22.40	23.95	22.65	22.30	23.10	23.55	23.80	24.75	26.40	26.20	25.90	26.55
25	22.10	22.70	22.45	22.70	23.00	23.40	24.10	24.85	26.60	25.95	26.30	26.20
Eom	22.55	22.85	22.70	22.75	23.40	23.45	23.85	25.55	26.45	26.10	26.25	26.30

405215N0843354.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	26.50	26.15	26.40	26.60	26.20	26.20	26.60	26.70	27.90	28.70	27.95	27.65
10	26.30	26.40	26.30	26.60	26.30	26.35	26.65	26.45	28.15	28.40	27.65	27.30
15	26.55	26.40	26.00	26.30	26.30	26.15	26.45	26.70	28.65	28.25	27.70	27.20
20	26.45	26.35	26.25	26.25	26.30	26.35	26.60	26.95	28.50	28.30	27.15	27.30
25	26.15	26.30	26.55	26.05	26.00	26.45	26.50	27.25	28.90	27.80	27.75	27.55
Eom	26.25	26.45	26.20	26.25	26.05	.....	26.60	27.70	28.80	27.90	27.75	27.30
1972												
5	27.30	27.20	27.10	26.95	26.65	26.80	26.95	27.10	27.25	26.95	26.60	26.10
10	26.90	27.25	27.90	26.92	26.80	26.95	26.85	26.95	27.45	27.15	26.30	26.40
15	27.70	26.80	26.85	26.50	26.25	26.70	26.70	26.90	27.15	26.90	26.30	26.15
20	27.00	27.20	27.00	26.55	26.50	26.50	.....	27.00	27.30	26.55	26.30	25.85
25	27.45	27.00	26.90	26.70	26.75	26.55	.....	27.15	27.10	26.70	26.15	26.05
Eom	26.95	26.85	26.80	26.70	26.60	26.50	27.05	27.40	26.80	26.75	26.30	26.00

Washington County

392458N0812711.1. Local number Wa-1. Marietta Osteopathic Clinic. Fourth and Putnam Sts., Marietta. Drilled unused water-table well in gravel, diam 6 in, depth 42 ft, cased to 42. Lsd 610 ft above msl. MP floor of instrument shelter, 4.80 ft above lsd. Highest water level 16.57 below lsd, Mar. 25, 1945; lowest 30.70 below lsd, Sept. 9, 1962. Records available: 1942-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	28.16	26.18	27.32	25.89	27.03	24.21	26.49	27.81	28.25	28.55	28.38	.....
10	28.23	25.98	27.47	26.05	27.20	24.88	26.78	27.84	28.24	28.58	28.20	.....
15	28.31	26.33	27.23	26.37	26.95	25.25	27.08	27.89	28.37	28.60	28.13	.....
20	28.37	26.71	26.92	26.58	26.38	25.44	27.28	28.06	28.43	28.60	27.87	.....
25	28.42	26.93	26.37	26.74	24.50	25.90	27.52	28.23	28.48	28.56	27.77	.....
Eom	28.14	27.11	25.85	26.89	23.96	26.14	27.68	28.25	28.32	28.55	27.67	26.12
1969												
5	26.14	24.74	26.58	26.74	26.30	26.99	28.16	.....	.....	28.32	28.24	27.47
10	26.33	24.82	26.80	26.27	26.41	27.25	27.84	.....	.....	28.34	28.26	27.40
15	26.57	25.20	27.05	26.38	25.92	27.43	27.80	.....	.....	28.35	28.26	.....
20	26.50	25.63	27.15	26.37	26.30	27.62	27.85	.....	.....	28.34	27.91	.....
25	26.17	26.03	27.13	26.26	26.37	27.74	27.86	.....	.....	28.28	27.63	.....
Eom	25.90	26.28	26.90	25.83	26.83	28.02	27.80	28.35	28.26	28.30	27.51	26.54
1970												
5	26.84	25.73	26.03	23.50	24.35	26.98	27.62	28.20	28.55	28.35	27.12	26.53
10	27.02	25.46	25.34	23.54	25.25	27.28	27.81	28.29	28.60	28.38	26.88	26.44
15	26.95	25.63	25.64	24.04	25.74	27.59	27.95	28.41	28.66	28.15	26.85	26.02
20	26.95	25.68	25.65	24.43	25.63	27.42	27.95	28.50	28.66	28.03	26.67	25.81
25	27.06	25.94	25.65	24.49	25.85	27.69	28.08	28.48	28.69	27.97	26.68	24.85
Eom	26.56	26.03	25.67	23.82	26.36	27.48	28.21	28.55	28.39	27.81	26.80	25.25
1971												
5	25.56	26.50	23.13	24.99	26.64	27.07	28.01	28.32	28.51	28.14	28.16	.....
10	24.93	26.18	22.91	25.47	25.55	27.12	28.13	28.38	28.54	27.97	28.18	.....
15	25.29	25.93	23.07	25.80	25.30	27.34	28.19	28.44	28.15	28.03	23.22	.....
20	25.61	25.64	23.22	26.06	25.76	27.53	28.29	28.48	27.67	28.10	28.26	.....
25	26.05	23.76	23.55	26.22	26.27	27.73	28.34	28.48	27.65	28.12	28.32	.....
Eom	20.40	23.46	24.53	26.48	26.61	27.88	28.37	28.47	27.84	28.18	28.23	.....
1972												
5	26.55	26.64	24.58	24.57	23.78	26.46	22.65	26.53	27.77	27.62	.....	25.95
10	26.32	26.90	24.06	23.96	24.30	26.62	23.29	26.78	27.90	27.57	.....	23.99
15	26.21	26.59	23.81	23.82	24.33	26.93	24.40	27.05	27.91	27.61	.....	23.32
20	26.51	26.53	23.14	22.57	24.74	27.03	25.00	27.18	27.96	27.70	.....	23.12
25	26.55	26.48	23.22	21.91	25.60	24.85	25.70	27.40	28.00	27.74	.....	22.27
Eom	26.51	26.08	23.88	23.33	25.95	22.88	26.33	27.63	27.84	.....	.....	23.15

Wayne County

405805N0824631.1. Local number Wn-1a. Morton Salt Co. Drilled unused water-table well in gravel, diam 10 in, depth 109 ft, cased to 109. Lsd 955 ft above msl. MP floor of instrument platform, 4.84 ft above lsd. Highest water level 73.85 below lsd, Sept. 4, 1962; lowest 91.50 below lsd, Mar. 29, 30, 31, 1969. Records available: 1952-69. Measurement discontinued July 1969. Replaced by well Wn-6.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	87.30	86.60	.....	83.80	84.80	88.05	90.35	90.35	89.35
10	87.10	.....	.....	84.35	83.85	89.05	90.10	90.40	.....
15	87.69	.....	.....	.....	84.70	82.95	89.60	90.10	.....	.....
20	87.30	.....	.....	85.50	84.75	82.80	90.00	90.15	.....	90.20
25	87.40	86.30	86.20	85.40	84.75	86.80	89.95	90.15	90.45	.....
Eom	88.18	.....	87.30	.....	.....	85.30	84.70	88.15	90.25	90.40	.....	89.69

405805N0824631.1--Continued.

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	89.50	.....	90.85	91.10	91.35	90.35	.....	.....	.....	.....	.....	.....
10	90.05	.....	90.90	91.10	91.35	90.45	.....	.....	.....	.....	.....	.....
15	90.25	.....	91.25	91.10	91.45	90.45	.....	.....	.....	.....	.....	.....
20	.....	.....	91.15	91.30	91.30	90.60	.....	.....	.....	.....	.....	.....
25	90.50	.....	91.20	91.10	91.10	89.90	.....	.....	.....	.....	.....	.....
Eom	.....	90.80	91.50	91.45	89.80	89.30	.....	.....	.....	.....	.....	.....

404802N0815831.1. Local number Wn-2a. City of Wooster. Drilled unused water-table well in gravel, diam 6 in, depth 65 ft, cased to 65'. Lsd 850 ft above msl. MP floor of instrument shelter, 6.00 ft above lsd. Highest water level 1.55 below lsd, Jan. 27, 1952; lowest 34.50 below lsd, Feb. 28, 1972. Records available: 1951-72. Water levels affected by pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.20	.....	21.60	21.40	22.60	.....	18.90	22.50	26.10	.....	.....	30.50
10	29.00	15.45	20.95	21.75	24.40	.....	20.35	24.15	26.10	28.05	29.30	29.80
15	28.55	.....	.....	22.00	23.75	.....	.....	24.20	25.65	.....	30.20	29.75
20	29.30	.....	.....	22.60	22.70	18.85	22.40	24.25	26.35	.....	30.70	30.30
25	.....	.....	22.35	23.00	22.35	19.25	24.00	24.85	.....	.....	30.65	29.25
Eom	.....	20.90	20.45	23.35	9.50	18.60	23.15	26.35	.....	.....	29.20	24.65
1969												
5	23.30	23.45	24.95	26.35	25.45	.....	.....	20.10	24.80	26.10	27.70	28.70
10	24.95	23.55	25.50	26.05	25.50	.....	.....	20.40	24.60	26.80	27.40	28.90
15	25.35	23.75	25.95	25.80	26.00	.....	.....	22.35	25.05	26.60	28.20	28.10
20	25.35	24.15	26.40	25.00	22.70	.....	.....	23.50	25.20	26.35	28.40	28.85
25	25.40	24.50	26.35	25.40	.....	.....	18.10	23.30	25.90	.....	28.20	28.10
Eom	25.00	24.75	26.35	25.40	.....	.....	19.60	23.70	26.00	28.05	27.05	28.65

1970												
5	28.50	26.00	25.45	21.45	21.70	23.10	21.60	25.45	.....	.....	29.30	28.10
10	28.70	25.35	24.30	22.25	21.05	23.50	22.70	25.40	27.95	29.15	28.20	28.25
15	28.75	24.05	23.90	22.50	22.45	23.55	23.05	.....	.....	29.25	27.80	27.55
20	28.75	25.50	24.40	21.90	21.25	20.90	23.15	.....	.....	29.00	28.65	25.95
25	29.15	25.30	24.35	21.30	21.55	22.00	23.90	.....	.....	28.45	28.20	25.35
Eom	29.00	25.10	24.50	21.80	20.90	22.55	25.40	.....	.....	29.45	26.45	25.40

1971												
5	25.70	.....	19.95	19.80	23.70	26.00	27.25	29.25	30.70	31.75	32.80	32.20
10	25.10	.....	19.90	21.10	23.70	25.55	28.45	29.85	32.05	31.30	32.75	32.90
15	26.15	.....	18.45	22.00	24.00	26.25	28.45	29.35	31.95	32.30	32.45	.....
20	25.90	.....	17.95	22.15	24.85	25.65	28.75	30.95	31.15	32.30	32.90	32.80
25	26.05	19.65	19.30	21.25	25.05	28.25	28.25	30.55	32.20	32.00	32.90	.....
Eom	25.55	17.50	20.00	23.45	23.40	28.85	28.95	30.50	32.20	32.40	31.75	32.05

1972												
5	32.20	34.15	.....	29.20	22.60	24.00	24.80	24.60	25.10	22.20	22.30	19.35
10	32.30	34.30	.....	29.20	22.20	25.20	25.30	25.10	25.80	22.45	22.95	17.95
15	32.20	34.25	.....	29.65	21.70	25.40	26.30	26.00	26.70	21.90	21.40	18.30
20	33.40	33.70	30.15	29.20	23.20	25.75	24.90	24.40	26.45	.....	17.95	.....
25	33.25	33.45	29.90	21.30	24.10	24.30	24.50	25.65	25.85	.....	16.35	18.55
Eom	33.40	34.50	29.50	20.60	23.70	26.50	24.20	25.80	26.60	23.55	18.65	16.90

405805N0814623.1. Local number Wn-6. Tenneco, Inc. Rittman. Drilled unused water-table well in gravel, diam 8 in, depth 180 ft, cased to 180. Lsd 960 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 80.65 below lsd, Feb. 5, 1972; lowest 93.20 below lsd, Sept. 3, 1971. Records available: 1971-72. Water levels affected by pumping. Replaces well Wn-1a.												
---	--	--	--	--	--	--	--	--	--	--	--	--

405805N0814623.1. Local number Wn-6. Tenneco, Inc. Rittman. Drilled unused water-table well in gravel, diam 8 in, depth 180 ft, cased to 180'. Lsd 960 ft above msl. MP top of casing, 2.30 ft above lsd. Highest water level 80.65 below lsd, Feb. 5, 1972; lowest 93.20 below lsd, Sept. 3, 1971. Records available: 1971-72. Water levels affected by pumping. Replaces well Wn-1a.

Lowest water level for the day, from recorder graph, 1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	92.45	82.80	92.40	92.85	91.60	92.35	90.65
10	92.40	92.40	91.50	92.15	85.05	91.00	91.10
15	92.40	92.20	91.65	92.35	90.20	91.70	89.90
20	92.65	92.10	92.75	92.25	90.25	92.15	90.85
25	92.50	92.10	92.30	92.70	91.95	91.90	91.05
Eom	92.45	92.15	92.60	92.55	91.85	92.30	90.70

1972												
5	90.30	80.65	90.45	89.60	88.95	88.95	88.35	88.35	87.90	87.35	.....	86.95
10	90.50	90.50	91.25	89.65	88.90	89.10	88.30	87.95	88.30	.....	.....	87.30
15	91.50	89.85	90.20	88.65	88.25	88.65	88.05	88.30	87.50	.....	.....	86.95
20	91.15	90.70	89.50	88.60	88.40	86.90	88.35	87.70	87.70	.....	.....	86.70
25	91.40	90.35	89.50	89.10	88.65	86.60	88.00	87.55	87.45	.....	.....	86.70
Eom	90.85	90.30	89.20	89.00	88.60	87.05	88.30	87.80	.....	.....	87.20	86.35

PENNSYLVANIA

The observation-well program was continued in Pennsylvania during the period 1968 through 1972 in cooperation with the Pennsylvania Topographic and Geologic Survey. Figure 12 shows the location of observation wells.

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 Pennsylvania consists of a two-letter symbol for the name of the county and a serial number beginning with 1 in each county. For example, Mg-83 identifies the 83d well recorded in Montgomery 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.

Adams County

395846N0770406.1. Local number Ad-146. U.S. Geol. Survey. State Game Land No. 249. Drilled observation artesian well in shale and sandstone of Gettysburg Shale, Triassic age, diam 6 in, depth 100 ft, cased to 17. Lsd 540 ft above msl. MP top of plywood cover, 2.00 ft above lsd. Highest water level 10.60 below lsd, Feb. 11, 1970; lowest 13.36 below lsd, Sept. 24, 1972. Records available: 1968-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	12.28	11.80	12.18	11.69	12.30	12.61	13.16	12.80	12.52	11.50
10	.....	.....	12.10	12.03	12.32	12.00	12.54	12.73	12.91	12.68	11.90	11.93
15	.....	.....	11.40	12.20	12.19	11.80	12.72	12.91	12.10	12.68	11.49	11.73
20	.....	.....	11.20	12.31	12.22	11.90	12.64	12.97	12.39	12.19	11.38	12.02
25	.....	.....	11.40	11.40	11.40	12.11	12.77	13.20	12.59	12.40	11.60	12.04
Eom	.....	.....	11.73	11.90	11.00	11.69	12.93	13.22	12.69	12.60	11.80	11.83
1969												
5	12.45	.....	11.68	11.62	12.38	12.42	12.85	10.89	11.90	11.52	11.45	11.94
10	12.43	.....	11.56	11.80	11.98	12.55	12.81	11.50	11.49	11.84	11.29	11.40
15	12.70	.....	11.90	11.83	12.42	12.60	12.99	12.16	11.95	12.03	11.60	11.33
20	12.50	.....	11.72	11.69	12.35	12.20	13.00	12.21	11.99	12.04	11.20	11.62
25	.....	11.65	11.18	11.79	12.42	.....	11.30	12.50	12.22	12.27	11.59	11.52
Eom	.....	11.82	11.66	12.10	12.82	12.71	11.56	12.69	12.34	12.31	11.68	11.42
1970												
5	11.18	11.10	11.31	11.30	.....	12.39	11.40	12.45	12.67	12.80	.....	.....
10	11.53	11.33	11.52	11.45	.....	12.09	11.76	12.50	12.71	12.81	.....	.....
15	11.64	11.38	11.28	11.68	.....	12.38	11.63	12.70	12.91	12.80	.....	.....
20	.....	11.35	11.44	11.42	.....	12.00	.....	12.73	12.89	12.77	.....	11.30
25	11.90	.....	11.16	11.23	12.07	11.52	.....	12.00	13.03	12.20	11.52	11.01
Eom	10.98	11.70	11.15	.....	12.19	11.90	12.20	12.40	12.63	11.80	.....	11.32
1971												
5	11.61	.....	.....	11.92	12.18	11.84	12.30	11.26	11.95	11.77	11.13	11.40
10	11.68	.....	.....	11.80	11.43	11.81	12.56	12.07	12.17	11.88	11.27	11.07
15	11.30	.....	.....	12.00	e11.0	11.28	12.56	12.19	11.50	11.54	11.52	11.40
20	11.20	.....	.....	12.13	11.63	11.70	12.69	12.15	11.50	11.82	11.60	11.61
25	.....	.....	.....	12.34	11.74	12.11	e12.0	12.51	11.64	11.48	11.68	11.70
Eom	11.87	11.20	11.83	12.22	11.38	11.72	12.62	11.62	11.56	11.30	10.83	11.90
1972												
5	11.26	11.24	11.28	11.61	11.16	11.88	11.15	12.70	13.20	13.17	12.87	11.62
10	11.22	11.90	11.66	11.67	10.98	12.28	11.58	12.85	13.30	13.14	12.84	11.35
15	11.46	11.13	11.23	11.17	11.30	12.00	11.91	12.95	13.19	13.04	12.63	11.50
20	11.71	11.31	11.40	11.40	11.30	11.83	12.15	13.00	13.21	13.00	11.43	11.65
25	11.51	11.32	11.36	11.21	11.82	10.99	12.46	13.12	13.25	.....	11.93	11.34
Eom	11.76	11.04	11.64	11.69	12.06	.....	12.63	13.10	13.15	12.85	11.69	11.45

e Estimated.

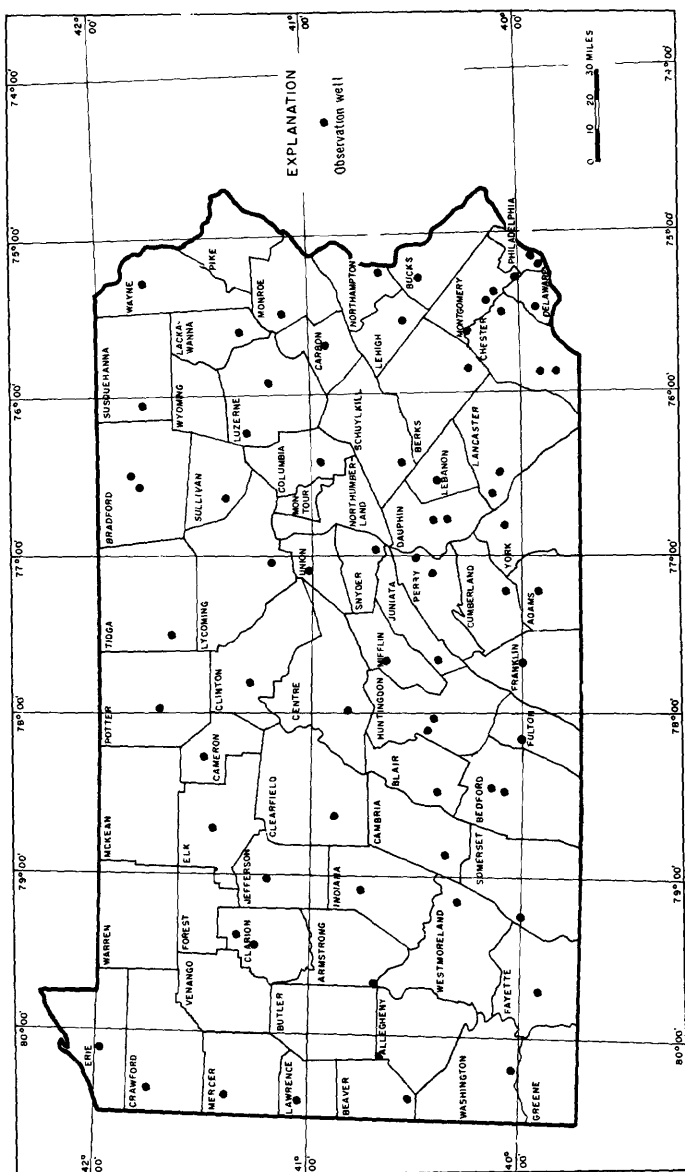


Figure 12.--Location of observation wells in Pennsylvania, 1968-72.

Allegheny County

403734N0800630.1. Local number Ag-700. U.S. Geol. Survey. State Game Land No. 203. Bradford-woods. Drilled observation artesian well in sandstone and shale of Conemaugh Formation, Pennsylvanian age, diam 6 in, depth 100 ft, cased to 24. Lsd 1,030 ft above msl. MP top of plywood cover, 3.45 ft above lsd. Highest water level 5.48 below lsd, May 29, 1968; lowest 8.94 below lsd, Nov. 14, 1968. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	7.50
10	7.73	7.20
15	7.80	7.30
20	7.69	7.40
25	7.53	7.10
Eom	7.60	7.20

1968

5	7.51	....	....	6.62	6.50	5.85	7.20	7.90	8.48	8.35	8.04	8.13
10	7.48	....	....	6.62	6.38	6.20	7.26	7.89	8.19	8.30	8.02	8.43
15	7.20	....	6.55	6.50	5.90	6.62	7.48	8.03	8.16	8.38	8.35	8.08
20	7.52	h7.02	5.81	6.48	5.60	6.81	7.55	8.15	8.20	8.11	8.31	8.30
25	7.35	....	6.60	6.50	5.89	6.80	7.55	8.25	8.08	8.00	8.25	8.20
Eom	....	....	6.49	6.31	5.61	7.01	7.69	8.33	8.26	8.33	8.50	7.70

1969

5	7.81	7.52	8.11	7.32	6.95	7.40	7.62	7.79	8.46	8.81	8.25	8.50
10	7.95	7.81	7.85	7.10	6.68	7.36	7.00	7.79	8.57	8.59	8.33	8.05
15	8.23	8.10	8.20	7.24	7.76	7.46	7.20	7.91	8.60	8.70	8.40	7.86
20	8.08	8.10	8.19	7.20	6.87	7.53	7.28	7.90	8.70	8.60	8.35	7.83
25	7.85	8.12	7.75	6.90	6.90	7.54	7.40	7.95	8.55	8.65	8.32	7.94
Eom	7.70	8.30	7.99	6.91	7.03	7.66	7.73	8.32	8.65	8.49	8.08	7.73

1970

5	7.76	7.39	6.99	6.34	6.50	6.90	7.30	7.54	8.00	....	6.70	6.80
10	7.90	6.82	6.76	6.26	6.60	6.98	7.21	7.67	....	....	6.96	6.63
15	7.98	7.12	7.06	6.54	6.76	7.23	7.31	7.97	7.85	....	6.80	6.47
20	7.80	7.47	7.00	6.44	6.75	7.10	7.50	7.85	7.83	....	6.80	6.43
25	7.61	7.13	6.71	....	6.46	7.00	7.67	8.03	....	7.45	....	....
Eom	7.53	7.40	....	6.33	6.61	7.21	....	8.11	....	7.51	....	....

1971

5	....	6.90	6.32	6.66	6.81	6.83	6.81	7.38	8.10	7.72	7.90	7.70
10	....	7.10	6.30	6.70	6.62	6.57	7.10	7.31	7.98	7.80	7.68	7.20
15	....	7.03	5.80	6.63	6.36	6.31	6.70	7.61	7.89	7.93	7.83	7.10
20	....	6.55	5.98	6.64	6.30	6.28	7.01	7.76	7.88	....	7.54	6.95
25	6.79	6.21	6.33	6.60	6.46	6.40	6.98	7.85	7.89	7.70	7.83	7.23
Eom	6.96	6.22	6.40	6.83	6.70	6.72	7.31	7.89	7.70	7.82	7.40	7.10

1972

5	6.91	7.02	6.10	6.30	6.35	6.82	6.20	7.11	....	....	7.82	6.71
10	6.66	7.00	6.33	6.25	6.51	6.90	6.29	7.36	....	....	7.40	6.43
15	7.27	6.50	5.64	5.93	6.26	6.70	6.31	7.48	....	....	7.37	6.20
20	7.03	6.67	5.99	5.97	6.45	6.69	6.61	7.55	....	....	7.21	6.15
25	7.20	....	5.97	5.80	....	h6.14	6.57	7.70	8.42	....	7.00	6.32
Eom	6.78	6.35	6.03	5.92	6.60	5.97	6.90	....	8.17	....	7.00	6.21

h Tape measurement.

Armstrong County

404056N0793952.1. Local number Ar-2. Martin J. Cordera. Schenley. Drilled unused water-table well in sand and gravel of Quaternary age (previously reported Pleistocene age), diam 6 in, depth 82 ft, casing information not available. Lsd 780 ft above msl. MP top of casing, 0.38 ft above lsd. Highest water level 24.82 below lsd, Jan. 23, 1959; lowest 40.70 below lsd, Dec. 11, 1957. Records available: 1949-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	36.26	July 17, 1968	38.43	Jan. 29, 1969	35.67	Aug. 13, 1969	38.64
10	36.97	24	38.79	Feb. 5	32.11	20	37.92
17	36.92	31	38.87	12	36.11	27	38.52
24	37.30	Aug. 7	38.66	19	36.83	Sept. 3	38.66
29	29.80	14	38.73	26	38.01	10	38.48
Feb. 7	31.47	21	38.38	Mar. 6	38.52	17	38.72
14	36.51	28	37.57	12	38.74	24	38.78
21	38.11	4	38.86	21	38.87	Oct. 1	38.84
28	38.18	11	38.40	26	36.69	8	38.69
Mar. 6	38.55	18	38.82	Apr. 2	34.66	15	38.92
13	33.34	25	38.60	9	33.07	22	38.45
20	35.72	Oct. 2	38.80	16	34.47	29	38.72
27	31.55	9	38.62	23	34.14	Nov. 1	38.05
Apr. 3	34.82	16	39.27	30	35.72	12	38.52
10	35.94	23	38.35	May 7	37.32	19	36.35
17	37.67	30	37.73	14	35.27	26	36.77
24	38.28	Nov. 6	38.52	21	34.47	Dec. 3	37.74
May 1	38.21	13	38.29	28	37.03	10	33.92
8	38.16	20	35.21	June 6	37.90	17	34.17
15	35.22	27	35.62	11	38.42	24	37.64
22	35.52	Dec. 4	35.20	18	38.43	31	37.05
29	35.39	11	36.10	25	38.27	Jan. 7, 1970	37.51
June 5	36.52	18	37.32	July 2	38.31	14	37.08
12	37.84	25	37.42	9	37.17	21	36.86
19	37.94	Jan. 1, 1969	33.17	16	38.40	28	37.03
26	38.34	8	36.39	23	37.92	Feb. 4	32.42
July 3	38.06	15	37.76	30	38.01	11	34.37
10	38.30	22	34.64	Aug. 6	37.97	18	36.08

404056N0793952.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Feb. 25, 1970	36.47	Nov. 18, 1970	34.51	Aug. 4, 1971	38.38	Apr. 19, 1972	30.76
Mar. 4	32.86	25	35.30	11	37.84	26	34.40
11	34.82	Dec. 2	30.60	18	38.95	May 3	36.49
18	37.54	9	34.80	25	38.36	10	34.73
25	36.05	16	30.17	Sept. 1	37.29	17	35.42
Apr. 1	35.67	23	31.34	8	38.89	24	37.24
8	32.12	30	31.90	15	37.42	31	38.08
15	34.24	Jan. 6, 1971	34.67	22	37.16	June 7	37.95
22	35.67	13	36.54	29	37.58	14	37.16
29	34.42	20	36.82	Oct. 6	36.42	21	26.06
May 6	36.93	27	37.86	13	38.71	28	24.96
13	37.16	Feb. 3	38.25	20	38.87	July 5	31.40
20	34.82	10	35.90	27	38.61	12	33.48
27	35.17	17	35.43	Nov. 3	38.71	19	36.73
June 3	37.49	24	31.32	10	38.29	26	37.89
10	37.99	Mar. 3	29.50	17	38.23	Aug. 2	38.47
17	38.22	10	33.26	24	38.53	9	38.49
24	37.84	17	32.79	Dec. 1	36.75	16	38.61
July 1	38.12	24	31.30	8	32.39	23	38.84
8	38.37	31	35.97	15	34.73	30	38.63
15	38.46	Apr. 7	36.20	22	35.81	Sept. 6	38.94
22	37.04	14	36.32	29	35.36	13	38.47
29	38.09	21	35.29	Jan. 5, 1972	35.86	20	38.26
Aug. 5	37.62	28	37.49	12	35.08	27	37.75
12	38.67	May 5	37.22	19	36.32	Oct. 4	37.88
19	38.68	12	35.26	26	34.75	11	37.60
26	37.96	19	37.28	Feb. 2	36.69	18	38.35
Sept. 2	37.38	26	37.87	9	38.02	25	37.82
9	38.42	June 2	38.24	16	37.05	Nov. 1	38.15
16	37.56	9	37.44	23	37.86	8	36.40
23	37.28	16	37.21	1	36.01	15	33.16
30	37.38	23	38.26	8	29.86	22	34.32
Oct. 7	37.67	30	38.66	15	31.17	29	35.89
15	34.70	July 7	38.85	22	32.25	Dec. 6	30.80
21	35.65	14	38.62	29	35.29	13	33.02
28	36.82	21	38.68	Apr. 5	35.94	20	32.52
Nov. 4	32.02	28	38.93	12	36.33	27	32.26
11	35.30						

Beaver County

403006N0802523.1. Local number Bv-156. U.S. Geol. Survey. Raccoon State Park. Drilled observation artesian well in shale of Conemaugh Formation, Pennsylvanian age, diam 6 in, depth 101 ft, cased to 25. Lsd 930 ft above msl. MP top of plywood cover, 4.05 ft above lsd. Highest water level 8.00 below lsd, Mar. 15, 1971; lowest 13.72 below lsd, June 5, 1968. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.48
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.40
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.32
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.42
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.50
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.70
1968												
5	.....	9.72	10.40	9.65	10.00	13.72	10.30	10.71	11.03	11.20	10.99	9.90
10	.....	9.95	10.37	9.78	10.02	11.25	10.39	10.57	10.81	11.08	10.71	10.15
15	.....	10.05	10.19	9.80	9.35	10.70	10.50	10.85	11.00	11.10	10.59	10.10
20	.....	10.23	9.72	9.90	9.10	10.35	10.90	10.78	11.12	10.60	10.22	9.81
25	.....	10.31	9.37	10.20	9.43	10.11	10.82	10.80	11.01	10.65	10.41	9.71
Eom	.....	10.29	9.55	10.15	9.14	10.17	10.70	11.05	11.11	10.88	10.30	9.27
1969												
5	9.40	9.20	9.72	9.10	9.10	9.92	9.90	10.13	10.40	10.66	9.87	9.74
10	9.60	9.32	9.62	8.90	8.60	10.09	9.62	10.11	10.41	10.56	9.90	9.40
15	9.80	.....	9.80	9.00	.....	10.15	9.96	10.25	10.43	10.48	9.98	9.18
20	9.35	9.60	9.70	8.80	.....	10.10	9.98	10.12	10.55	10.42	9.70	9.25
25	9.30	9.60	9.30	8.92	9.30	9.98	9.95	10.23	10.85	10.30	9.68	9.17
Eom	9.14	9.65	9.50	9.00	9.69	10.14	9.93	10.50	10.76	10.12	9.56	9.16
1970												
5	.....	8.69	8.40	8.20	8.70	9.57	10.34	10.49	11.20	11.39	9.50	e9.00
10	.....	8.45	8.51	8.36	8.74	9.91	10.25	10.63	11.20	11.30	9.72	e9.00
15	.....	8.57	8.72	8.70	8.92	10.23	10.19	11.01	11.31	e10.9	9.49	9.10
20	.....	8.85	8.72	8.63	8.82	9.94	10.30	11.05	11.15	e10.4	9.55	9.14
25	9.10	8.69	8.50	8.43	8.70	9.70	10.55	11.25	11.50	10.30	9.73	8.65
Eom	8.61	9.10	8.60	8.53	9.20	9.97	10.40	11.36	11.30	10.20	9.60	8.87
1971												
5	8.63	8.82	8.52	9.02	9.28	11.60	10.38	10.19	10.95	10.03	10.10	9.89
10	8.60	8.63	8.45	9.12	8.83	10.41	10.18	10.29	11.15	10.12	10.06	9.29
15	8.86	8.45	8.00	9.10	8.92	10.05	9.60	10.49	10.60	10.39	10.18	9.32
20	8.86	8.02	9.26	9.12	8.98	10.09	9.88	10.68	11.25	10.60	10.00	9.38
25	9.00	8.24	8.61	9.11	9.08	10.20	9.95	10.85	10.33	10.21	10.12	9.63
Eom	9.07	8.35	8.76	9.30	9.90	10.45	10.22	10.79	10.03	10.19	9.82	9.31

403006N0802523.1--Continued.

Day	1972											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	9.21	9.43	8.63	8.99	8.88	10.72	10.09	10.59	10.74	10.24	9.61	9.34
10	9.11	9.42	8.70	8.79	9.02	10.85	10.00	10.60	10.92	10.28	9.30	9.11
15	9.59	9.93	8.20	8.52	8.98	10.49	10.11	10.90	10.20	9.95	9.30	9.65
20	9.52	9.20	8.45	8.43	9.20	10.60	10.21	10.65	10.32	10.15	9.30	9.60
25	9.48	9.00	8.59	8.42	9.77	9.99	10.33	10.81	10.35	10.01	9.29	9.63
Eom	9.30	8.75	8.84	8.68	10.50	9.90	10.38	10.93	10.10	10.11	9.31	9.82

e Estimated.

Bedford County

400220N0782820.1. Local number Bd-150. U.S. Geol. Survey. Bedford. Drilled observation artesian well in shale of Onondaga Limestone, Devonian age, diam 6 in, depth 150 ft, cased to 47. Lsd 1,140 ft above msl. MP top of plywood cover, 3.05 ft above lsd. Highest water level 4.68 below lsd, May 13, 1972; lowest 41.42 below lsd, Feb. 12, 1966. Records available: 1965-72.

Day	Lowest water level for the day, from recorder graph, 1965											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	37.05	38.92
10	37.27	39.14
15	33.51	.....	37.58	39.40
20	28.40	.....	.....	.....	37.84	39.58
25	38.20	39.90
Eom	36.72	38.53	40.14

Day	1966											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	40.40	41.23	37.42	34.42	24.55	28.05	30.61	33.17	35.60	37.48	39.20	40.15
10	40.51	41.36	34.18	34.82	25.60	28.55	31.10	33.52	36.05	37.51	39.50	39.75
15	40.39	41.23	34.00	35.01	26.55	28.95	31.60	33.92	36.40	37.80	39.90	38.15
20	40.62	40.01	33.90	35.00	27.35	29.31	31.90	34.35	36.62	38.16	40.20	37.65
25	40.75	39.19	34.03	34.70	27.21	29.90	32.43	34.75	36.99	38.45	40.51	38.07
Eom	41.01	39.23	34.12	30.35	27.52	30.30	32.80	35.25	37.29	38.80	40.75	38.50

Day	1967											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	38.95	37.20	.....	21.02	20.30	18.00	23.15	.....	.....	25.40	.....	21.10
10	39.30	36.20	.....	22.29	14.50	19.00	23.75	.....	.....	25.30	.....	15.70
15	39.67	36.01	.....	22.52	11.90	20.11	.....	.....	.....	25.70	.....	11.80
20	.....	35.15	21.74	23.30	12.10	20.95	24.84	.....	.....	25.82	23.00	12.50
25	40.23	.....	21.70	22.50	14.00	21.68	23.90	.....	.....	25.08	23.00	13.00
Eom	39.20	.....	19.86	20.30	16.55	22.40	.....	.....	25.58	.....	21.75	14.40

Day	1968											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	15.62	.....	.....	13.15	17.92	.....	13.37	19.69	23.95	.....	29.32	25.00
10	16.75	.....	.....	14.10	18.51	.....	.....	20.30	24.42	.....	29.49	24.32
15	.....	.....	.....	15.12	19.00	9.65	.....	.....	25.05	.....	29.05	24.95
20	.....	h14.13	h16.74	16.00	18.85	11.50	.....	21.85	25.60	.....	25.12	25.88
25	.....	.....	.....	16.70	16.40	12.73	17.68	22.55	25.95	28.52	24.70	.....
Eom	.....	.....	.....	17.20	6.10	12.60	18.77	23.39	26.48	29.10	25.80	.....

Day	1969											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	32.36	33.30	.....	36.20	37.85	.....	35.95	e36.0	37.60	32.71
10	.....	.....	32.70	33.2	34.95	36.51	38.06	.....	35.95	36.85	35.99	32.80
15	.....	.....	33.12	32.8	34.30	36.80	38.40	.....	25.7	36.88	34.0	28.43
20	29.50	31.49	33.43	.....	35.50	37.01	38.61	.....	35.90	36.92	33.0	27.36
25	29.95	31.78	34.09	34.33	35.72	37.34	.....	35.83	36.11	37.43	32.28	27.20
Eom	30.30	32.03	33.60	34.60	36.00	37.58	.....	35.8	e36.0	37.80	32.20	27.20

Day	1970											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	23.91	22.20	20.23	.....	10.0	16.85	.....	15.20	18.93	.....	.....	15.28
10	24.30	21.90	17.35	.....	11.0	17.90	.....	16.62	20.12	.....	19.13	15.43
15	25.00	22.37	.....	.....	12.0	18.93	.....	18.11	.....	.....	15.82	13.41
20	26.61	22.23	.....	9.98	14.10	16.80	.....	19.05	.....	.....	14.56	12.04
25	27.10	20.35	14.66	9.25	14.46	14.00	16.35	17.20	.....	25.70	14.66	9.60
Eom	26.45	20.60	13.23	9.20	.....	.....	14.82	17.71	.....	.....	15.97	10.22

Day	1971											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.19	.....	5.97	9.25	17.05	12.80	19.56	24.06	26.68	23.10	20.20	.....
10	.....	.....	5.36	10.85	10.30	14.15	20.50	23.67	27.11	24.00	20.80	.....
15	.....	.....	5.30	12.32	7.51	15.35	21.18	24.36	27.29	25.20	22.18	.....
20	.....	.....	5.50	13.65	7.69	16.56	22.00	24.92	26.80	26.22	23.03	.....
25	10.71	6.80	5.60	14.89	8.80	17.62	22.66	25.50	25.16	26.54	24.42	.....
Eom	11.52	.....	7.20	16.12	11.10	18.66	23.58	26.16	22.70	22.53	24.85	e20.5

Day	1972											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	18.63	8.70	11.27	6.79	9.47	h5.64	15.00	.....	24.74	27.44	.....
10	.....	19.51	9.40	10.49	5.43	11.11	7.00	16.13	.....	25.31	26.97	.....
15	17.20	18.05	9.55	8.20	4.93	12.47	8.70	17.20	.....	25.60	25.68	.....
20	16.99	14.32	7.88	5.50	6.23	12.19	10.50	18.09	23.10	26.16	23.31	12.50
25	17.53	13.40	8.57	5.00	5.40	.....	11.91	18.87	23.68	26.64	21.56	11.22
Eom	17.65	11.00	9.85	6.10	7.44	.....	13.68	.....	24.15	27.16	.....	11.82

e Estimated.

h Tape measurement.

400225N0782808.1. Local number Bd-154. U.S. Geol. Survey. Bedford. Drilled observation artesian well in sandstone of Oriskany Formation, Devonian age, diam 6 in, depth 183 ft, cased to 163, perforated 163-183. Lsd 1,130 ft above msl. MP top of plywood cover, 3.67 ft above lsd. Highest water level 22.61 below lsd, July 5, 1972; lowest 38.39 below lsd, Nov. 21, 1966. Records available: 1966-72. Recording gage installed February 1968.

400225N0782808.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 20, 1966	30.84	Nov. 21, 1966	38.39	Apr. 19, 1967	29.66	Aug. 19, 1967	29.19
July 25	34.46	Dec. 16	37.83	May 18	26.96	Sept. 27	32.00
Aug. 22	35.78	Jan. 21, 1967	37.38	June 6	28.81	Oct. 24	30.76
Sept. 19	36.89	Feb. 21	34.39	June 26	30.09	Nov. 16	30.38
Oct. 19	37.41	Mar. 23	29.45	July 20	32.00	Dec. 18	26.48

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.93	31.60	28.00	29.45	31.82	33.57	34.60	35.47	32.50
10	30.23	31.95	28.05	29.78	32.00	33.71	.....	35.35	.....
15	30.35	32.04	28.49	30.20	32.39	33.88	.....	35.32	.....
20	28.36	28.83	30.78	32.05	28.95	30.60	32.65	34.10	.....	34.52	32.10
25	30.99	32.11	29.18	31.02	32.95	34.18	35.09	33.60	32.40
Eom	31.15	29.55	29.30	31.49	33.29	34.40	35.35	33.30	32.63

1969												
5	32.91	.....	35.40	34.35	34.60	.....	.....	36.77	34.69	e35.0	.....	35.20
10	33.20	.....	35.43	34.18	34.61	.....	.....	36.23	34.62	e35.0	.....	35.24
15	33.70	.....	35.71	34.28	35.00	.....	.....	36.03	34.70	e35.0	.....	33.84
20	33.88	35.03	35.81	.....	35.08	.....	.....	35.63	34.90	e35.0	35.78	32.86
25	.....	35.10	36.43	34.35	36.22	.....	.....	35.09	34.90	36.10	35.59	32.36
Eom	.....	.....	34.91	34.45	.....	.....	37.15	34.82	e35.0	.....	35.18	.....

1970												
5	.....	30.23	29.10	26.20	26.74	29.83	29.12	29.09	29.66	31.84	31.42	27.95
10	.....	29.15	28.70	26.12	27.50	30.29	29.20	29.32	29.99	32.10	30.36	28.12
15	.....	29.40	28.83	26.69	28.23	30.70	28.89	29.78	30.47	32.42	28.85	27.77
20	31.10	29.80	29.13	26.20	28.62	30.50	28.85	29.83	30.81	32.73	27.75	27.13
25	31.23	29.27	28.26	26.30	28.91	30.89	29.11	29.77	31.17	32.83	27.70	26.34
Eom	31.23	29.47	27.18	26.29	29.58	29.30	28.97	29.50	31.40	33.00	28.02	26.40

1971												
5	26.80	.....	25.90	26.60	29.45	e27.5	30.10	32.02	33.04	30.26	28.36	28.32
10	26.51	.....	25.64	27.22	e28.0	e27.5	30.51	32.04	33.19	29.96	27.80	26.93
15	26.52	.....	25.09	27.69	e28.0	e28.0	30.72	32.22	33.31	30.18	28.02	26.30
20	26.69	.....	24.60	28.10	e26.0	e28.0	31.16	32.41	32.40	30.50	28.20	26.32
25	27.10	27.41	25.28	28.52	e26.0	29.20	31.44	32.58	32.19	30.47	28.96	26.90
Eom	27.62	26.69	25.80	29.10	e27.0	29.64	31.85	32.83	31.03	29.30	28.90	27.46

1972												
5	27.55	27.99	23.79	25.63	24.25	25.53	h22.61	26.93	29.67	31.64	33.00	27.82
10	27.26	28.46	24.09	26.06	24.18	26.25	23.11	27.50	30.15	31.98	32.80	26.50
15	27.42	28.12	24.08	25.69	23.74	26.74	23.84	.....	30.40	32.05	32.21	25.40
20	27.13	26.96	23.91	23.7	24.22	26.90	24.77	.....	30.87	32.42	31.18	24.92
25	27.35	26.38	24.10	23.20	24.42	.....	25.33	28.74	31.14	32.52	29.95	24.88
Eom	27.57	25.50	.....	23.78	24.84	.....	26.28	29.30	31.29	32.82	28.90	25.02

e Estimated.

h Tape measurement.

Berks County

401110N0754928.1. Local number Be-4. Commonwealth of Pennsylvania. French Creek State Park, Elverson. Dug unused water-table well in shale (previously reported sandstone and shale) of Stockton Formation, Triassic age, diam 4 ft, depth 20 ft, casing information not available. Lsd 684 ft above msl. MP top of cover, 0.33 ft above lsd. Highest water level 4.53 below lsd, Apr. 7, 1958; lowest dry, Aug. 12, 1949. Records available: 1948-71. Well destroyed; measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1968	9.93	Jan. 23, 1969	16.43	Jan. 22, 1970	12.24	Jan. 26, 1971	11.85
Feb. 22	12.15	Feb. 25	15.01	Feb. 26	9.84	Feb. 25	7.25
Mar. 22	7.65	Mar. 27	9.49	Mar. 26	9.43	Mar. 26	8.53
Apr. 24	12.10	Apr. 24	8.10	Apr. 24	6.89	Apr. 27	11.73
May 24	11.25	May 26	13.10	May 26	9.95	May 25	10.27
June 25	10.95	June 26	14.97	June 25	11.46	June 29	13.21
July 29	14.04	July 25	14.05	July 25	13.95	July 20	14.99
Aug. 23	15.30	Aug. 28	12.54	Aug. 25	15.27	Aug. 27	15.48
Sept. 23	16.60	Sept. 26	14.67	Sept. 24	15.85	Sept. 30	11.75
Oct. 24	16.07	Oct. 26	15.67	Oct. 27	15.23	Oct. 29	10.64
Nov. 26	15.50	Nov. 25	15.62	Nov. 24	12.57	Nov. 24	12.64
Dec. 20	13.75	Dec. 18	13.95	Dec. 24	10.71	Dec. 30	12.03

Blair County

402452N0782713.1. Local number Ba-74. U.S. Geol. Survey. National Park Land. Drilled observation artesian well in shale of Brallier Formation, Devonian age, diam 6 in, depth 150 ft, cased to 14. Lsd 1,130 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 11.13 below lsd, Mar. 30, 1972; lowest 18.65 below lsd, Oct. 29, 1969. Records available: 1969-72.

402452N0782713.1--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	.....	.....	.....	.....	.....	.....	.....	.....	17.48	.....	17.27	16.47
10	.....	.....	.....	.....	.....	.....	.....	.....	17.50	.....	16.68	16.60
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.72	15.40
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.28	14.48
25	.....	.....	.....	.....	.....	.....	.....	17.06	.....	.....	16.02	15.92
Eom	.....	.....	.....	.....	.....	.....	.....	17.68	.....	18.57	15.80	15.83
1970												
5	15.61	15.18	14.75	13.93	.....	15.35	15.20	16.40	15.70	17.51	14.90	.....
10	15.49	15.40	14.80	14.70	.....	15.56	15.65	16.40	16.15	17.80	15.08	.....
15	16.02	15.83	15.23	13.86	.....	15.90	15.11	16.73	16.69	17.60	14.10	.....
20	15.92	15.90	15.00	14.12	15.15	15.47	15.11	16.61	17.08	17.88	14.05	h13.60
25	16.00	14.88	14.07	.....	15.05	14.70	15.69	16.59	17.38	16.90	.....	.....
Eom	15.40	.....	14.09	.....	15.25	.....	16.03	16.29	.....	16.70	.....	.....
1971												
5	13.90	14.80	13.41	13.99	15.21	15.03	15.41	14.50	15.11	12.91	12.61	13.19
10	.....	14.94	13.60	14.29	14.01	15.30	15.72	14.12	15.37	13.33	12.88	12.08
15	13.80	14.08	13.00	14.38	13.32	15.06	15.12	14.65	13.90	13.92	13.35	12.48
20	14.29	13.32	13.17	14.55	13.41	15.08	15.32	15.03	12.70	14.32	13.60	12.53
25	14.54	13.13	13.30	14.87	13.99	15.45	15.69	14.43	12.75	13.80	13.93	12.63
Eom	14.71	12.97	13.59	15.20	14.60	15.70	15.48	14.80	12.47	12.85	13.28	12.91
1972												
5	12.46	.....	12.25	.....	.....	h12.40	.....	14.18	.....	.....	14.45	12.30
10	.....	.....	11.53	.....	.....	12.70	.....	14.23	.....	14.76	13.75	11.75
15	.....	.....	12.10	.....	.....	.....	.....	15.42	.....	14.96	12.90	12.08
20	12.74	12.90	11.80	.....	.....	.....	.....	14.59	.....	15.21	12.59	12.10
25	12.55	.....	11.64	.....	.....	.....	.....	14.71	.....	14.80	12.50	11.88
Eom	.....	12.41	.....	.....	.....	.....	.....	14.84	.....	14.83	12.35	12.33

h Tape measurement.

Bradford County

414604N0762603.1. Local number Br-2. Mrs. C. Holon. Towanda. Dug unused water-table well in shale of Nunda Sandstone Member of West Falls Formation, Devonian age (previously reported shale of Chemung Formation and/or drift of Pleistocene age), diam 30 in, depth 64 ft, cased with brick. Lsd 820 ft above msl. NP top of concrete cover, 0.40 ft above lsd. Highest water level 17.00 below lsd, May 25, 1947; lowest 63.49 below lsd, Feb. 4, 1965. Records available: 1931-69. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 4, 1968	38.00	June 29, 1968	32.60	Dec. 19, 1968	42.20	June 12, 1969	45.60
12	41.00	July 4	34.00	29	43.60	19	45.60
19	42.60	11	33.60	9	43.60	26	46.60
26	42.60	18	42.00	9	43.00	4	48.00
Feb. 1	39.40	25	43.60	16	45.40	10	48.60
7	35.20	Aug. 2	44.67	23	47.00	18	49.60
15	38.26	8	46.56	Feb. 2	47.60	24	51.60
22	41.00	15	47.30	13	46.60	Aug. 1	51.20
29	43.27	22	48.30	21	48.58	8	51.80
Mar. 7	45.00	29	49.20	27	48.60	15	53.60
14	45.60	Sept. 5	49.50	Mar. 3	47.80	21	53.52
21	47.60	12	50.00	13	48.00	28	53.60
28	34.80	19	51.00	20	48.80	Sept. 4	54.00
Apr. 4	30.60	26	51.70	27	43.60	12	54.60
11	34.10	Oct. 3	52.40	Apr. 3	37.00	19	55.20
18	36.00	12	53.00	10	31.00	25	55.60
25	40.20	17	53.20	17	30.10	Oct. 3	54.70
May 2	43.60	26	54.00	25	29.34	10	56.60
10	43.20	31	55.60	May 2	33.27	16	57.00
16	32.80	Nov. 9	54.60	8	37.60	23	57.60
23	31.20	16	48.00	15	37.30	30	58.00
31	31.51	21	46.00	23	41.13	Nov. 7	57.60
June 6	30.60	28	42.59	29	43.00	13	58.60
14	35.20	Dec. 5	39.60	June 6	44.80	20	59.0
20	32.20	13	38.60				

414330N0762805.1. Local number Br-92. U.S. Geol. Survey. Monroeton. Drilled observation artesian well in Gardeau Shale Member of West Falls Formation, Devonian age (previously reported in Chemung Formation), diam 6 in, depth 117 ft, cased to 55. Lsd 750 ft above msl. NP top of casing, 3.05 ft above lsd (since July 19, 1972). Highest water level 2.14 below lsd, Mar. 4, 1972; lowest 11.01 below lsd, Oct. 27, 1969. Records available: 1966-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.41	5.09	9.13	4.64	8.82	.....	.....	9.99	10.56	10.10	9.77	6.66
10	8.68	6.13	9.20	5.81	8.97	6.95	.....	10.08	10.51	10.19	8.84	6.27
15	8.80	7.31	9.27	6.80	7.72	.....	9.21	10.13	9.79	10.29	8.24	7.26
20	8.61	8.03	6.48	7.68	7.74	7.48	9.46	10.23	9.80	10.34	4.80	7.96
25	8.33	8.60	4.80	8.23	7.58	.....	9.65	10.32	9.90	10.28	5.42	8.42
Eom	6.53	8.86	4.06	8.56	.....	.....	9.83	10.46	9.95	9.72	6.48	7.32
1969												
5	7.95	.....	9.74	.....	7.05	9.36	9.83	10.07	10.38	10.93	10.86	9.04
10	8.50	9.43	9.82	.....	7.39	9.40	9.99	10.07	10.51	10.95	9.85	9.20
15	8.94	9.65	9.96	.....	7.91	9.51	10.08	9.97	10.60	10.97	9.40	8.12
20	.....	9.81	9.91	6.75	8.34	9.32	10.15	9.90	10.70	10.97	9.10	7.35
25	.....	9.70	.....	5.67	8.74	9.44	10.11	10.02	10.80	10.00	8.73	7.78
Eom	.....	9.72	.....	6.17	9.13	9.64	10.05	10.24	10.89	11.01	8.75	8.00

414330N0751505.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	8.09	2.57	6.44	2.78	6.97	8.08	9.73	9.23	10.39	10.60	9.13	7.86
10	8.19	3.38	6.86	3.78	7.70	8.54	9.84	9.40	10.46	10.60	9.24	8.30
15	8.39	3.52	7.48	5.07	8.14	8.88	9.89	9.69	10.56	10.50	9.96	8.21
20	8.29	4.74	7.53	6.00	7.27	9.17	9.89	9.94	10.59	10.30	7.11	8.08
25	8.25	4.94	6.27	5.92	7.71	9.44	9.91	10.10	10.65	9.26	7.08	7.35
Eom	7.14	5.36	3.95	6.09	7.46	9.65	9.93	10.28	10.62	9.22	7.58	7.82
1971												
5	8.11	9.55	4.45	6.34	7.45	8.81	10.00	10.11	10.69	10.21	10.38	10.08
10	7.97	9.5	4.64	6.96	7.46	9.12	10.21	10.08	10.42	10.30	10.20	8.82
15	8.37	8.77	4.00	7.22	7.08	9.24	10.37	10.24	10.36	10.26	10.46	8.70
20	8.83	8.00	3.14	7.68	7.42	9.39	10.51	10.43	10.21	10.38	10.42	8.71
25	9.15	6.31	4.10	8.23	7.70	9.65	10.60	10.60	10.12	10.50	10.45	8.96
Eom	8.1	4.51	5.58	8.84	8.36	9.84	10.63	10.65	10.12	10.36	10.34	8.73
1972												
5	8.37	8.94	2.46	5.47	5.42	7.12	....	9.02	....	....	....	6.67
10	8.51	9.11	2.96	6.18	4.58	7.60	....	9.28	10.35	....	....	4.27
15	8.50	8.64	3.10	6.33	4.55	8.20	....	9.51	....	....	8.33	4.62
20	8.61	7.58	3.00	3.52	4.97	8.31	7.40	9.67	h10.53	h10.73	8.14	5.79
25	8.46	....	3.00	4.28	6.04	....	8.10	....	....	....	8.2	3.59
Eom	8.71	....	4.43	5.82	7.29	....	8.72	....	....	....	6.70	4.59

e Estimated.

h Tape measurement.

Bucks County

402643N0751505.1. Local number Bk-929. U.S. Geol. Survey. Nockamixon State Park. Drilled observation artesian well in shale of Brunswick Formation, Triassic age, diam 6 in, depth 116 ft, cased to 27. Lsd 460 ft above msl. MP top of plywood cover, 1.05 ft above lsd. Highest water level 48.06 below lsd, Mar. 9, 1972; lowest 59.75 below lsd, Nov. 26, 1968. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	58.78
10	57.88
15	56.92
20	56.20
25	58.90	55.60
Eom	59.12	55.50

1968

5	55.05	53.35	54.10	52.10	52.90	52.50	51.29	54.03	57.30	....	....	58.30
10	54.90	52.65	54.72	52.15	53.08	52.09	51.50	54.18	....	....	....	58.10
15	54.70	52.85	55.30	52.20	53.20	51.72	51.90	55.03	....	....	....	56.78
20	54.05	52.93	54.10	52.60	53.25	51.00	52.38	55.50	....	....	....	56.24
25	53.70	53.65	53.45	52.82	53.80	50.72	52.88	55.85	....	....	....	56.10
Eom	53.90	53.68	51.91	52.60	53.20	51.03	53.51	56.75	....	....	59.48	55.75

1969

5	55.43	....	55.76	52.58	51.10	52.71	54.71	54.55	53.80	53.55	54.91	54.53
10	55.33	....	53.90	51.70	51.16	53.00	55.20	53.31	53.50	53.70	55.17	54.33
15	55.80	....	54.10	51.98	52.10	53.13	55.72	53.09	52.93	53.97	55.50	53.21
20	55.93	....	53.40	51.68	52.18	53.63	56.10	52.81	52.90	54.18	55.24	52.72
25	....	54.90	52.15	51.08	52.10	54.00	56.26	52.90	52.59	54.77	55.20	52.49
Eom	....	55.12	52.32	51.01	52.38	54.42	55.80	53.50	52.99	55.11	54.30	51.56

1970

5	51.46	51.40	49.90	....	48.83	51.31	52.25	....	55.82	....	....	....
10	51.01	49.90	50.20	....	49.22	51.41	52.78	....	56.34	....	....	....
15	51.38	49.75	50.68	....	50.04	51.80	53.00	....	56.78	....	....	....
20	....	49.78	50.90	....	50.49	51.91	53.19	....	....	....	....	....
25	51.40	49.58	50.42	48.80	50.74	51.90	....	....	....	....	....	52.39
Eom	51.67	....	....	....	51.38	....	....	....	....	....	54.3	52.6

1971

5	52.4	....	....	50.22	....	....	....	e54.9	55.11	53.00	51.61	50.10
10	51.81	....	....	49.96	....	50.73	53.20	e54.6	54.90	53.11	50.53	e49.00
15	51.35	....	....	49.53	....	51.10	53.16	e54.8	54.22	52.66	50.60	49.35
20	51.78	....	....	49.58	....	51.48	54.33	e55.2	53.39	52.54	50.16	49.50
25	51.91	....	49.74	49.90	....	51.88	54.41	e56.1	53.09	e51.9	50.77	50.55
Eom	....	....	49.82	....	....	....	e54.7	55.92	52.91	51.96	50.15	50.62

1972

5	50.30	....	48.63	48.68	....	....	....	....	54.00	....	....	52.65
10	49.51	....	48.29	....	....	....	....	....	55.00	....	57.60	51.90
15	49.50	....	....	....	....	....	....	53.2	55.00	....	56.10	51.50
20	49.19	....	....	....	....	....	....	53.6	56.5	h56.23	54.83	50.90
25	49.53	48.58	....	....	....	....	....	54.0	h56.94	....	53.96	50.67
Eom	....	49.03	48.04	....	....	....	....	54.5	....	....	53.65	50.63

e Estimated.

h Tape measurement.

401935N0785506.1. Local number Ca-1. Johnstown Tribune Publishing Co. Johnstown. Drilled unused water-table well in sandstone of Homewood Formation of Pennsylvanian age, diam 12 to 8 in, depth 180 ft, cased to 45. Lsd 1,165 ft above msl. MP top of casing, 10.00 ft below lsd. Highest water level 14.50 below lsd, Mar. 29, 1965; lowest 26.78 below lsd, July 23, 1953. Records available: 1952-72.

Cameron County

412732N0780342.1. Local number Cm-13. U.S. Geol. Survey. Sinnemahoning State Park. Drilled observation artesian well in sandstone of Catskill Formation, Mississippian and Devonian age, diam 6 in, depth 102 ft, cased to 57. Lsd 1,010 ft above msl. MP top of plywood cover, 3.07 ft above lsd. Highest water level 11.90 below lsd, June 24, 1972; lowest 25.98 below lsd, Sept. 10, 1972. Records available: 1967-72.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	22.92	23.20
10	23.07	.....
15
20	23.52	23.15	23.12
25	23.30	23.12	23.22
Eom	23.35	23.05	23.05
	23.20	23.32	23.20

412732N0780342.1--Continued.

1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	23.31	22.92	23.41	22.98	23.60	22.78	23.45	23.99	24.68	24.41	24.00	23.32
10	.....	22.70	23.48	24.13	23.55	22.85	23.55	23.92	24.15	24.33	23.90	23.69
15	.....	23.02	23.80	23.12	23.39	23.10	23.75	24.00	24.02	24.40	23.91	23.52
20	.....	23.08	23.32	23.28	23.02	23.10	24.95	24.09	24.20	24.19	23.62	23.45
25	23.28	23.53	23.10	23.31	23.12	23.17	23.75	24.20	24.00	24.05	23.63	23.69
Eom	23.30	23.38	22.90	23.58	22.81	23.15	23.99	24.61	24.33	24.16	23.90	23.39
1969												
5	23.40	23.12	23.70	23.30	23.32	23.15	23.58	23.61	23.81	24.12	23.71	23.75
10	23.51	23.33	23.57	23.03	23.02	23.33	23.62	23.65	23.88	24.00	23.71	23.65
15	23.70	23.50	23.99	23.22	23.35	23.40	23.72	23.93	24.00	24.09	23.69	23.30
20	23.50	23.70	23.85	23.25	22.80	23.30	23.60	23.54	24.38	24.13	23.54	23.23
25	23.51	23.53	23.41	23.04	22.80	23.44	23.45	23.54	24.06	24.22	23.64	23.42
Eom	23.35	23.69	23.71	23.21	23.00	23.62	23.57	23.76	24.17	24.17	23.43	23.30
1970												
5	23.41	23.20	23.02	22.64	22.67	22.70	23.58	23.55	23.60	23.70	22.48	22.65
10	23.32	22.95	22.91	22.56	22.85	22.94	23.57	23.72	23.67	23.59	22.71	22.60
15	23.48	23.12	23.11	22.75	22.90	23.20	23.68	24.00	23.70	22.95	22.27	22.59
20	23.26	23.12	23.02	22.70	22.77	23.27	23.50	23.97	23.61	22.90	22.33	22.51
25	23.35	23.08	23.00	22.70	22.71	23.41	23.62	23.90	23.79	22.79	22.59	.....
Eom	23.38	23.31	22.80	22.69	22.83	23.60	23.45	23.90	23.52	22.93	22.82	22.50
1971												
5	22.62	22.90	22.26	22.65	22.55	.....	23.33	23.50	24.41	23.50	23.40	23.42
10	22.53	23.10	22.42	22.61	22.70	.....	23.53	23.51	24.34	23.50	23.30	22.82
15	22.67	22.83	22.30	22.43	22.52	.....	23.40	23.80	24.00	23.60	23.40	22.72
20	22.75	22.51	22.00	22.45	22.49	.....	23.60	23.97	23.79	23.82	23.14	22.62
25	22.80	22.35	22.54	22.50	22.50	23.10	23.45	24.08	23.82	23.55	23.45	22.90
Eom	22.87	22.22	22.52	22.60	.....	23.21	23.52	24.28	23.58	23.52	23.42	22.71
1972												
5	22.56	22.62	22.18	22.39	.....	22.40	.....	25.17	25.67	25.35	25.04	24.11
10	22.45	22.82	22.49	22.43	.....	22.61	.....	25.2	25.98	25.59	24.79	22.60
15	22.85	22.57	22.09	22.22	.....	22.54	.....	25.3	25.59	25.39	24.54	22.4
20	22.63	22.75	22.25	21.93	.....	22.60	24.29	25.33	25.70	25.60	24.53	22.25
25	22.56	22.60	22.07	.....	22.20	.....	24.4	25.19	25.54	25.16	24.00	21.60
Eom	22.50	22.53	22.21	.....	22.10	.....	24.8	25.66	25.28	25.28	25.70	.....

Carbon County

410123N0754254.1. Local number Cb-104. U.S. Geol. Survey, Hickory Run State Park. Drilled observation artesian well in shale of Mauch Chunk Formation, Pennsylvanian and Mississippian age, diam 6 in, depth 125 ft, cased to 20.1 lsd 1,290 ft above msl. MP top of casing, 3.00 ft above lsd. Highest water level 21.12 below lsd, Apr. 5, 1970; lowest 83.51 below lsd, Nov. 8, 1972. Records available: 1969-72.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	70.39	.....	50.06
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	72.06	.....	50.92
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	73.57	36.22	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	64.96	74.87	72.27	33.82
25	.....	.....	.....	.....	.....	.....	.....	.....	66.12	.....	56.00	29.10
Eom	.....	.....	.....	.....	.....	.....	.....	.....	68.46	.....	49.48	.....
1970												
5	.....	36.40	41.10	21.12	41.30	54.25	59.75	35.15	60.45	72.82	64.85	e41.
10	.....	31.08	42.62	25.30	41.20	57.30	61.75	39.12	63.05	74.22	61.70	e45.
15	.....	29.08	44.14	31.70	.....	60.10	55.22	44.05	65.43	75.45	29.70	e45.
20	.....	33.76	45.90	37.55	46.61	61.02	48.50	48.33	.....	76.43	27.05	e46.
25	54.82	36.95	42.40	.....	47.91	57.82	38.30	52.55	69.55	72.50	30.25	46.14
Eom	56.96	.....	31.85	.....	51.35	.....	36.50	57.25	.....	66.40	36.95	48.10
1971												
5	50.15	57.66	24.54	40.82	56.99	.....	63.37	71.00	68.30	66.51	50.80	39.85
10	43.40	60.45	28.55	.....	55.91	.....	65.45	62.70	69.40	67.40	54.26	29.50
15	44.40	53.00	30.31	.....	46.50	.....	67.46	61.72	70.72	66.20	52.00	25.20
20	47.35	35.32	29.30	.....	39.90	.....	69.41	63.27	70.75	65.02	52.75	30.60
25	50.62	28.90	32.14	.....	41.40	58.08	e71.0	65.57	67.35	65.24	54.70	35.60
Eom	54.60	25.20	36.70	55.40	.....	60.90	73.18	67.20	66.55	65.31	54.85	39.5
1972												
5	36.7	43.42	31.00	39.60	38.00	28.36	33.00	61.39	73.43	79.46	83.39	33.90
10	36.70	43.93	32.80	44.10	33.55	33.13	40.17	63.90	74.70	80.23	.....	27.15
15	33.49	42.95	36.60	47.09	33.77	39.70	45.67	.....	75.81	80.98	.....	28.60
20	.....	37.60	29.50	36.07	34.80	44.82	50.02	.....	76.85	81.69	h34.91	33.08
25	40.62	40.82	28.40	33.40	36.08	.....	53.65	.....	77.65	82.31	33.11	32.38
Eom	41.09	43.72	33.70	36.70	41.25	25.90	58.50	72.03	78.65	83.00	30.52	30.06

e Estimated.

h Tape measurement.

Centre County

404518N0775755.1. Local number Ce-118. U.S. Geol. Survey. State Game Land No. 176. Drilled observation artesian well in sandstone and dolomite of Gatesburg Formation, Cambrian age, diam 6 in, depth 130 ft, cased to 40. Lsd 1,150 ft above msl. MP top of casing, 2.50 ft above lsd (since Dec. 10, 1970). Highest water level 54.8 below lsd, Oct. 7, 1972; lowest 80.14 below lsd, Mar. 16, 1970. Records available: 1968-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	79.02	78.75	78.47	78.16	77.45	76.60	75.76	75.08	74.74	74.63	74.59
10	.....	78.99	78.70	78.42	78.11	77.28	76.44	75.60	.....	74.71	74.63	74.65
15	.....	78.88	78.75	78.36	78.07	77.16	76.35	.....	74.92	74.68	74.64	74.65
20	79.31	78.55	78.68	78.31	77.98	77.02	76.16	.....	74.86	74.64	74.61	74.62
25	79.26	78.82	78.64	78.25	77.94	75.87	76.04	75.25	.....	74.63	74.60	74.66
Eom	79.18	78.79	78.55	78.21	77.75	76.74	75.90	75.16	74.78	74.66	74.63	74.68
1969												
5	74.74	74.89	75.25	75.69	76.12	76.62	77.07	77.45	78.03	78.54	79.03	79.50
10	74.76	74.94	75.30	75.78	77.21	76.67	77.15	77.53	78.12	78.60	79.11	79.55
15	74.86	75.02	75.42	75.83	76.28	76.20	77.25	77.62	78.19	78.69	79.21	79.60
20	74.89	75.09	75.48	75.92	75.37	76.84	77.33	77.69	78.29	78.76	79.31	79.67
25	74.90	75.11	75.53	75.98	76.43	76.90	77.30	77.75	78.37	78.86	79.35	79.72
Eom	74.94	75.18	75.66	76.06	76.52	77.01	77.38	77.95	78.45	78.96	79.40	79.77
1970												
5	79.81	79.93	80.02	70.67	78.90	.....	.....	.....	.....	.....	.....	.....
10	79.87	79.80	80.01	79.40	78.77	.....	.....	.....	.....	.....	.....	75.65
15	79.84	79.89	80.04	79.36	78.71	.....	.....	.....	.....	.....	.....	75.62
20	79.99	79.94	80.09	79.22	78.56	.....	.....	.....	.....	.....	75.65	75.56
25	80.02	79.97	80.11	79.17	.....	.....	.....	.....	.....	.....	75.66	75.49
Eom	80.07	.....	80.00	79.02	.....	.....	.....	.....	.....	.....	.....	75.40
1971												
5	75.35	75.04	73.94	72.61	71.00	69.39	.....	.....	.....	.....	68.20	.....
10	75.26	75.0	73.83	72.32	70.75	69.19	.....	.....	.....	.....	68.22	.....
15	75.22	74.96	73.63	72.06	70.49	68.96	.....	.....	.....	67.92	68.31	.....
20	75.16	74.66	73.30	71.77	70.18	68.80	.....	.....	.....	68.03	68.3	.....
25	75.12	74.39	73.15	71.49	69.89	68.63	.....	h67.68	.....	68.02	68.54	.....
Eom	75.08	74.26	72.85	71.26	69.60	.....	.....	.....	.....	68.11	68.52	.....
1972												
5	.....	69.27	.....	.....	68.7	67.85	63.92	58.59	55.58	54.9	e55.7	56.83
10	.....	59.33	.....	.....	68.6	67.5	63.2	57.90	55.34	55.11	e55.8	57.03
15	.....	59.34	.....	.....	68.5	67.38	62.3	57.28	55.15	55.10	e56.0	57.17
20	.....	59.44	.....	.....	68.3	67.18	61.4	56.75	55.09	55.29	e56.2	57.35
25	h69.17	.....	.....	h58.96	68.22	64.24	60.33	56.27	54.9	55.3	56.41	57.47
Eom	.....	.....	.....	68.9	68.02	64.26	59.36	55.92	54.9	e55.5	56.64	57.66

e Estimated.

h Tape measurement.

Chester County

395450N0754854.1. Local number Ch-10. Robert J. Kleberg, Jr. Doe Run. Drilled unused water-table well in Cockeysville Marble, Precambrian age, diam 6 in, depth 34 ft, casing information not available. Lsd 300 ft above msl. MP top of wooden cover, 1.00 ft above lsd. Highest water level 8.28 below lsd, Mar. 30, 1958; lowest 16.22 below lsd, Nov. 3, 1963. Records available: 1951-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.25	.....	.....	12.01	13.27	12.11	.....	13.64	14.35	.....	14.69	13.70
10	12.62	.....	.....	12.32	13.42	.....	.....	13.75	14.39	.....	14.70	.....
15	.....	.....	.....	12.30	13.54	.....	.....	13.88	14.40	.....	13.95	.....
20	11.99	.....	.....	12.93	13.66	.....	.....	14.05	14.47	.....	13.73	13.58
25	.....	.....	11.28	13.08	13.73	11.80	13.31	14.16	.....	14.81	13.80	.....
Eom	.....	.....	11.70	13.07	11.90	.....	13.52	14.28	.....	14.59	14.01	.....
1969												
5	.....	.....	.....	.....	13.95	14.65	15.03	.....	.....	.....	15.40	15.53
10	.....	.....	.....	.....	.....	14.72	15.11	.....	.....	.....	15.41	15.46
15	.....	.....	.....	.....	.....	14.87	15.16	.....	.....	.....	15.42	14.55
20	.....	.....	.....	.....	.....	14.94	15.22	.....	.....	.....	15.45	.....
25	14.29	.....	.....	13.45	.....	15.00	.....	.....	14.85	.....	15.46	.....
Eom	.....	.....	.....	13.72	14.61	14.88	.....	14.65	.....	15.38	15.49	.....
1970												
5	.....	.....	.....	10.49	11.60	.....	13.73	13.00	13.83	14.57	14.73	13.73
10	.....	.....	.....	11.07	12.06	.....	13.84	13.39	14.01	14.65	14.54	13.94
15	.....	.....	.....	11.29	12.39	.....	13.90	13.66	14.16	14.73	13.80	13.81
20	.....	.....	.....	10.52	12.53	.....	13.58	13.67	14.28	14.79	13.10	12.86
25	.....	h12.29	h12.65	10.58	12.81	13.38	13.62	13.36	14.38	14.67	13.35	12.20
Eom	.....	.....	12.32	.....	.....	.....	13.84	13.61	.....	14.78	13.58	12.50
1971												
5	12.48	13.17	e10.8	12.34	12.87	12.02	13.51	13.72	12.60	11.15	11.48	10.85
10	11.67	12.7	10.9	11.19	12.98	12.42	13.68	13.74	12.97	11.56	11.68	10.70
15	12.00	12.0	11.40	11.67	12.76	12.73	13.81	13.96	10.31	10.67	11.97	11.02
20	12.48	12.09	11.50	12.04	12.46	12.94	13.95	14.11	10.59	11.21	12.10	11.34
25	12.78	11.50	11.61	12.44	12.72	13.15	14.06	14.22	10.22	11.18	12.31	11.58
Eom	12.92	11.14	12.04	12.67	12.71	13.37	14.07	12.21	10.78	11.39	11.10	11.87

395450N0754854.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.60	11.43	9.73	10.77	10.92	11.83	10.33	11.94	12.78	13.49	13.6	10.86
10	11.48	11.69	10.26	.....	10.73	12.08	10.70	12.20	12.94	13.46	12.88	9.66
15	11.38	10.56	10.43	.....	10.75	12.18	10.65	12.36	13.06	13.55	11.95	9.92
20	11.68	10.4	10.06	.....	11.08	11.91	11.04	12.53	13.20	13.62	11.7	9.99
25	11.80	10.58	10.21	10.56	11.43	.....	11.41	12.70	13.30	13.67	11.24	9.59
Eom	12.03	10.13	10.66	10.98	11.68	.....	11.71	12.69	13.39	13.53	11.02	10.14

e Estimated.

h Tape measurement.

395315N0754846.1. Local number Ch-11. J. E. Ryan. West Marlboro Township. Dug unused water-table well in Baltimore Gneiss, Precambrian age, diam 24 in, depth 20 ft, cased with stone. Lsd 540 ft above msl. MP top of manhole cover, at lsd. Highest water level 10.24 below lsd, Mar. 20, 1953; lowest 16.54 below lsd, Oct. 24, 1963. Records available: 1950-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1968	11.67	Apr. 23, 1969	13.33	July 25, 1970	12.64	Oct. 28, 1971	11.82
Feb. 21	12.70	May 26	13.57	Aug. 25	12.65	Nov. 23	12.10
Mar. 21	12.11	June 25	13.99	Sept. 23	13.12	Dec. 29	11.80
Apr. 23	12.54	July 24	14.14	Oct. 23	13.34	Jan. 20, 1972	11.77
May 23	12.80	Aug. 27	13.75	Nov. 25	12.60	Feb. 24	11.33
June 24	12.14	Sept. 25	13.76	Dec. 23	12.48	Mar. 29	10.90
July 24	12.76	Oct. 28	14.10	Jan. 24, 1971	11.40	April	10.85
Aug. 22	13.28	Nov. 24	12.24	Feb. 24	12.15	May 29	11.09
Sept. 23	13.68	Dec. 17	13.97	Mar. 25	11.72	June	10.87
Oct. 23	13.86	Jan. 21, 1970	13.38	Apr. 26	11.96	July 26	11.48
Nov. 25	13.47	Feb. 25	12.64	May 26	11.96	Aug. 28	12.37
Dec. 19	13.32	Mar. 25	14.57	June 28	12.50	Sept. 25	12.95
Jan. 22, 1969	13.53	Apr. 23	11.60	July 28	13.10	Oct. 26	13.08
Feb. 24	13.59	May 25	12.03	Aug. 26	13.15	Nov. 27	12.05
Mar. 26	13.38	June 24	12.34	Sept. 29	11.85	Dec. 26	10.95

400805N0753048.1. Local number Ch-152. Phoenix Iron and Steel Co. Phoenixville. Drilled unused artesian well in sandstone of Stockton Formation, Triassic age, diam 12 to 8 in, depth 750 ft, cased to 35. Lsd 85 ft above msl. MP top of platform, 0.30 ft above lsd. Highest water level flowing, many times during period of record; lowest 13.40 below lsd, Sept. 5, 1966. Records available: 1952-72. Water levels affected by pumping.

Jan. 20, 1968	(J)	Apr. 24, 1969	(J)	July 24, 1970	1.92	Oct. 29, 1971	(J)
Feb. 20	(J)	May 26	(J)	Aug. 25	2.24	Nov. 24	(J)
Mar. 22	(J)	June 26	2.23	Sept. 24	2.50	Dec. 20	(J)
Apr. 24	(J)	July 25	4.08	Oct. 27	(J)	Jan. 29, 1972	(J)
May 24	(J)	Aug. 28	.90	Nov. 20	(J)	Feb. 25	(J)
June 25	(J)	Sept. 26	(J)	Dec. 20	(J)	Mar. 30	(J)
July 25	20	Oct. 28	(J)	Jan. 25, 1971	(J)	April	(J)
Aug. 23	5.39	Nov. 24	(J)	Feb. 25	(J)	May 25	(J)
Sept. 23	3.00	Dec. 18	(J)	Mar. 26	(J)	July 27	(J)
Oct. 24	2.04	Jan. 22, 1970	(J)	Apr. 26	(J)	Aug. 29	.30
Nov. 26	(J)	Feb. 26	(J)	May 26	(J)	Sept. 26	(J)
Dec. 20	(J)	Mar. 26	(J)	June 28	(J)	Oct. 27	(J)
Jan. 23, 1969	(J)	Apr. 23	(J)	July 28	.60	Nov. 28	(J)
Feb. 25	(J)	May 26	(J)	Aug. 26	(J)	Dec. 27	(J)
Mar. 27	(J)	June 24	.15	Sept. 29	(J)		

J Flowing.

Clarion County

411245N0792305.1. Local number Cr-1. John G. Meisinger. 614 Wood St., Clarion. Dug unused water-table well in sandstone of Allegheny Group, Pennsylvanian age, diam 36 in, depth 28 ft, cased with stone to 15. Lsd 1,480 ft above msl. MP top of manhole cover, at lsd. Highest water level 11.10 below lsd, May 23, 1968; lowest 21.50 below lsd, Oct. 27, 1953. Records available: 1932-70. Well sealed; measurement discontinued.

Jan. 4, 1968	13.56	June 28, 1968	14.65	Dec. 26, 1968	12.71	June 26, 1969	15.30
11	15.40	July 5	15.41	Jan. 2, 1969	12.15	July 7	15.28
18	15.99	11	15.90	9	13.25	10	13.20
25	15.00	18	16.41	16	14.50	17	14.70
Feb. 1	12.08	25	16.30	23	12.57	24	14.78
8	12.50	Aug. 1	16.41	30	11.95	31	14.97
15	13.40	8	16.35	Feb. 6	12.17	Aug. 7	15.57
23	14.95	16	15.15	13	12.75	15	15.40
29	15.74	22	14.30	20	14.40	21	13.67
Mar. 7	16.07	29	14.50	27	15.15	28	14.50
14	14.75	Sept. 5	14.60	Mar. 3	15.43	Sept. 4	15.76
21	12.25	12	13.70	13	15.60	11	14.45
28	12.10	19	14.05	20	16.05	18	15.80
Apr. 4	12.40	26	14.50	27	14.87	25	16.20
11	13.30	Oct. 3	14.80	Apr. 3	14.75	Oct. 2	16.33
18	14.05	10	14.80	10	12.20	16	15.70
25	14.70	17	15.10	17	12.85	23	15.80
29	14.64	25	14.05	25	12.25	30	15.65
May 2	14.70	31	14.10	May 1	12.90	Nov. 6	13.17
9	15.05	Nov. 7	14.10	8	13.90	13	12.30
16	12.20	14	13.84	15	12.33	20	12.20
23	11.10	21	12.25	22	12.70	26	12.86
31	12.40	29	12.46	28	13.91	Dec. 11	11.89
June 6	13.60	Dec. 5	12.03	June 5	14.91	18	12.44
13	14.55	12	13.33	12	15.60	26	13.42
20	14.30	19	14.55	19	15.40	Jan. 2, 1970	13.16

411245N0792305.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 8, 1970	13.40	Mar. 12, 1970	12.18	Apr. 30, 1970	12.50	July 15, 1970	13.58
22	12.84	19	13.24	May 7	12.55	23	13.20
28	12.24	26	13.15	14	14.13	Aug. 5	11.65
Feb. 5	12.07	Apr. 2	13.17	27	13.65	13	13.57
12	12.25	9	12.20	June 25	13.45	19	14.58
19	12.48	16	13.00	July 1	13.74	Sept. 4	15.40
26	12.35	23	12.95	10	13.92	9	14.90
Mar. 5	12.34						

412020N0791339.1. Local number Cr-3. Commonwealth of Pennsylvania. Cook Forest State Park. Drilled unused water-table well in shale and sandstone of Pottsville Group, Pennsylvanian age, diam 6 in, depth 130 ft, cased to 12. Lsd 1,530 ft above msl. MP top of casing, 0.80 ft above lsd. Highest water level 37.50 below lsd, May 6, 1966; lowest 92.20 below lsd, Dec. 6, 1952. Records available: 1950-72. Recording gage installed January 1969.

Jan. 4, 1968	41.30	Apr. 5, 1968	43.50	June 28, 1968	40.70	Sept. 27, 1968	57.80
12	42.80	12	39.40	July 12	42.60	Oct. 4	58.80
19	43.00	19	40.00	19	43.50	11	60.40
26	43.80	26	40.66	26	42.70	18	61.30
Feb. 2	42.00	May 3	41.30	Aug. 1	45.10	25	62.30
9	40.20	10	41.80	9	40.80	Nov. 1	63.20
16	41.20	16	40.00	16	46.90	8	63.70
23	41.80	24	38.50	23	48.40	15	63.70
29	42.20	31	37.80	30	51.10	22	61.50
Mar. 7	44.00	June 7	38.60	Sept. 6	53.30	Dec. 2	49.10
15	44.20	14	39.62	13	51.80	13	46.40
22	43.70	21	40.20	20	56.60	20	45.50
29	41.00						

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	44.02	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	43.00	41.35	44.30	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	45.41	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	45.30	.....	.....	.....	.....	.....	.....	.....	.....	46.02
25	.....	.....	45.36	.....	.....	.....	.....	.....	.....	.....	.....	46.0
Eom	43.	.....	46.06	.....	.....	.....	.....	.....	.....	.....	.....	45.73

1970

5	46.06	45.5	.....	h39.84	.....	40.99	44.55	43.80	45.52	47.20	.....	.....
10	46.05	43.3	.....	.....	.....	41.66	44.83	43.43	46.00	47.58	.....	h39.69
15	46.34	44.0	.....	.....	40.50	42.31	45.18	43.89	46.18	46.72	.....	.....
20	46.40	h44.14	.....	.....	39.62	42.91	44.90	43.95	46.43	.....	.....	.....
25	.....	.....	.....	.....	39.22	43.33	44.81	44.68	46.93	.....	.....	46.49
Eom	46.5	.....	.....	.....	39.81	.....	44.44	45.14	47.20	.....	.....	45.65

1971

5	45.09	45.95	43.83	.....	.....	.....	.....	.....	.....	.....	73.10	75.55
10	45.40	46.98	43.69	.....	.....	.....	.....	.....	.....	.....	73.17	74.02
15	45.60	47.37	43.00	.....	.....	.....	.....	.....	.....	69.83	74.58	73.23
20	45.74	47.25	42.16	.....	.....	.....	.....	.....	.....	70.35	74.19	69.03
25	.....	46.45	42.65	.....	.....	.....	.....	.....	.....	70.43	75.25	67.56
Eom	45.90	45.41	.....	.....	.....	.....	.....	.....	.....	71.38	75.82	62.83

1972

5	60.15	48.70	47.66	43.15	43.10	44.	.....	.....	.....	.....	52.	.....
10	55.80	48.76	47.2	44.52	43.	44.	.....	.....	.....	.....	50.	.....
15	55.56	48.30	45.57	43.96	43.	43.	.....	.....	.....	.....	.....	40.4
20	51.27	48.92	44.70	42.06	44.	42.	.....	.....	.....	.....	.....	40.2
25	50.23	48.65	43.45	42.10	44.	39.	.....	.....	.....	52.	.....	39.9
Eom	48.76	48.57	43.62	42.51	43.	39.	.....	.....	.....	53.	.....	40.9

e Estimated.

h Tape measurement.

Clearfield County

405810N0783133.1. Local number Cf-4. Jared I. McNaul. Curwensville. Dug unused water-table well in shale and sandstone of Allegheny Group, Pennsylvanian age, diam 5 ft, depth 30 ft, casing information not available. Lsd 1,160 ft above msl. MP top of 1-in pipe in cover, at lsd. Highest water level 16.78 below lsd, June 25, 1972; lowest 21.44 below lsd, Nov. 16, 23, 1964. Records available: 1946-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1968	20.01	Apr. 28, 1968	20.07	Aug. 18, 1968	20.13	Dec. 1, 1968	20.06
14	20.12	May 5	20.16	25	20.28	8	19.37
21	20.13	12	19.74	Sept. 1	20.35	15	19.98
28	20.05	19	19.19	8	20.20	22	20.15
Feb. 4	18.98	26	18.52	15	20.15	29	19.98
11	19.47	June 2	18.73	22	20.31	Jan. 5, 1969	19.69
18	19.99	9	19.29	29	20.39	12	20.01
25	20.10	16	19.69	Oct. 6	20.45	19	20.14
Mar. 3	20.20	23	19.97	13	20.42	26	19.50
10	20.28	30	20.00	20	20.45	Feb. 2	19.02
17	20.24	July 7	20.07	22	20.44	9	19.29
24	19.05	21	20.17	27	20.43	16	19.77
31	19.33	28	20.26	Nov. 3	20.44	23	19.99
Apr. 7	19.65	Aug. 4	20.13	10	20.20	Mar. 2	20.03
14	19.98	11	20.22	17	20.01	9	20.01
21	20.01		20.02	24	19.60	16	20.12

405810N0783133.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 23, 1969	20.12	Mar. 1, 1970	18.99	Feb. 7, 1971	(J)	Jan. 9, 1972	19.26
30	19.67	8	18.10		(J)		19.32
Apr. 6	19.22	15	18.98	21	18.86	23	19.40
13	19.13	22	18.72	28	17.84	30	19.05
20	19.50	29	18.10	Mar. 7	18.69	Feb. 6	19.70
27	19.57	Apr. 5	17.39	14	18.26	13	19.93
May 4	19.68	12	18.67	21	18.40	20	19.89
11	19.57	19	18.77	28	18.80	27	19.64
18	19.57	26	18.79	Apr. 4	19.35	Mar. 5	17.73
25	19.60	May 3	18.37	11	19.65	26	19.20
June 1	19.77	10	19.14	18	19.78	Apr. 2	19.57
8	19.59	17	19.44	25	19.69	9	19.27
15	20.09	24	19.34	May 2	19.99	16	18.75
15	19.99	31	18.72	9	19.85	23	18.67
29	19.70	June 7	19.40	16	19.74	30	19.24
July 6	19.99	14	19.69	23	19.70	May 7	19.56
13	19.60	21	19.84	30	19.84	14	19.67
20	19.94	28	19.88	June 6	19.96	21	19.78
27	19.14	July 5	19.90	13	20.01	28	19.93
Aug. 3	19.18	12	19.66	20	19.88	June 4	20.01
10	19.12	19	19.78	27	20.01	25	16.78
17	19.62	26	20.01	July 4	19.85	July 2	18.35
24	19.69	Aug. 2	20.07	11	19.90	9	18.53
31	19.69	9	20.15	18	19.70	16	19.08
Sept. 7	20.05	16	20.24	25	19.87	23	19.34
14	19.19	23	20.03	Aug. 1	19.95	30	19.60
21	20.14	30	19.85	8	19.97	Aug. 6	19.85
28	20.24	Sept. 6	19.48	15	20.06	13	19.98
Oct. 5	19.99	13	19.85	22	20.14	20	20.09
12	19.27	20	20.04	29	20.19	27	20.17
19	20.13	27	20.18	Sept. 5	20.26	Sept. 3	20.24
26	20.03	Oct. 4	20.20	13	20.30	10	20.30
Nov. 2	20.18	11	20.27	19	20.29	17	20.28
9	19.60	18	19.64	26	20.18	24	20.33
16	19.67	25	19.70	Oct. 3	20.30	Oct. 1	20.30
23	19.43	Nov. 1	19.78	10	20.37	8	20.30
30	19.72	8	19.15	17	20.42	15	20.36
Dec. 7	19.29	15	18.84	24	20.41	22	20.43
14	18.62	22	19.08	31	20.38	29	20.44
21	19.22	29	19.51	Nov. 7	20.33	Nov. 5	20.39
29	19.70	Dec. 6	18.90	14	20.40	12	20.11
Jan. 4, 1970	19.59	13	18.95	21	20.40	19	19.34
11	18.76	20	18.89	28	20.34	26	19.70
18	19.98	27	18.99	Dec. 5	20.00	Dec. 3	19.29
25	19.99	Jan. 3, 1971	19.52	12	19.18	10	18.01
Feb. 1	18.67	10	19.10	19	19.55	17	18.76
8	18.54	17	19.54	26	19.88	24	18.04
15	19.17	24	19.77	Jan. 2, 1972	18.73	31	19.01
22	19.40	31	19.95				

J Frozen.

Clinton County

411424N0774623.1. Local number Cn-1. Commonwealth of Pennsylvania. Sproul State Forest. Drilled unused water-table well in sandstone of Pocono Formation (previously reported of Pottsville Group), Mississippian age, diam 6 in, depth 78 ft, cased to 38. Lsd 2,050 ft above msl. MP top of platform, 0.20 ft above lsd. Highest water level 44.00 below lsd, Jan. 13, 1951; lowest 57.00 below lsd, Dec. 8, 1964. Records available: 1950-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	49.22	49.82	47.83	48.04	50.48	52.14	.....	52.80	50.42
10	.....	.....	.....	49.15	49.99	47.59	48.39	50.73	52.30	.....	52.60	.....
15	.....	.....	.....	49.20	49.62	47.48	48.80	51.01	52.29	.....	52.38	.....
20	.....	.....	50.52	49.36	49.22	47.46	49.27	51.29	52.30	.....	51.67	50.34
25	.....	.....	50.03	.....	49.03	47.70	49.63	51.56	52.27	.....	51.16	50.28
Eom	.....	.....	49.43	49.57	48.33	47.77	50.13	51.91	.....	52.85	50.89	50.31
1969												
5	.....	50.43	.....	.....	48.49	48.5	.....	49.53	50.7	51.48	.....	.....
10	.....	50.44	.....	.....	48.31	48.6	49.57	49.42	50.3	51.65	.....	.....
15	50.44	50.55	.....	49.52	48.20	48.8	49.73	.....	50.5	51.83	.....	.....
20	50.56	50.67	.....	49.31	.....	48.7	49.92	.....	50.88	.....	.....	.....
25	50.57	60.55	.....	48.88	.....	48.9	49.96	.....	51.04	.....	.....	.....
Eom	50.62	50.78	50.52	48.62	48.3	....	49.84	49.8	51.27	.....	.....	50.16
1970												
5	50.18	50.1	49.6	48.72	46.2	47.64	49.84	50.45	50.34	.....	48.89	47.36
10	.....	49.85	49.5	47.90	46.55	47.99	50.11	.....	50.45	.....	48.67	47.65
15	.....	49.7	49.6	47.21	47.0	48.46	50.30	.....	.....	.....	47.98	47.90
20	.....	49.8	49.66	46.57	47.27	48.88	50.47	.....	.....	.....	47.42	48.06
25	.....	49.6	49.60	46.42	47.39	49.19	.....	.....	.....	.....	47.08	48.03
Eom	50.3	....	49.27	.....	47.51	49.59	.....	.....	.....	49.68	47.22	48.28

411424N0774623.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	48.54	49.73	48.4	47.69	47.18	48.55	49.83	51.20	.....	.....	50.17	49.85
10	48.63	49.9	48.2	47.16	47.46	48.93	50.09	.....	.....	.....	49.89	49.58
15	48.77	49.98	48.1	46.52	47.51	49.15	50.30	.....	.....	51.06	49.85	49.20
20	48.77	49.86	47.6	46.25	47.49	49.24	50.59	.....	.....	51.05	49.88	48.95
25	.....	49.40	47.7	.....	47.69	49.41	50.75	.....	.....	50.87	50.01	48.99
Eom	49.47	49.07	47.78	46.79	48.10	49.62	51.06	.....	.....	50.47	50.00	48.87
1972												
5	48.73	48.6	49.02	47.14	46.90	47.35	46.37	47.56	50.42	.....	52.66	51.08
10	48.75	48.8	48.76	47.00	47.07	47.65	46.16	48.22	50.72	.....	52.58	50.54
15	48.82	48.89	48.4	46.85	47.02	47.93	45.84	48.77	50.94	.....	52.29	50.10
20	48.82	.....	48.1	46.59	47.08	48.12	45.87	49.19	51.27	52.38	51.92	.....
25	48.8	49.23	47.7	46.44	47.03	47.40	46.15	49.59	51.53	52.44	51.57	.....
Eom	48.59	49.37	47.51	46.62	47.12	46.61	46.97	50.09	51.73	52.61	51.36	.....

Columbia County

410010N0762750.1. Local number Co-1. Fred E. Walters. Fernville. Dug unused water-table well in sand of Quaternary age (previously reported of Pleistocene age), diam 36 in, depth 19 ft, cased with stone. Lsd 490 ft above mal. MP top of concrete cover, 2.40 ft above lsd (since January 1969). Highest water level 4.75 below lsd, Sept. 2, 1933; lowest 14.38 below lsd, Nov. 28, 1931. Records available: 1931-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1968	12.40	Mar. 31, 1969	10.90	June 22, 1970	10.90	Sept. 13, 1971	12.40
8	12.50	Apr. 7	10.40	29	11.40	20	12.10
15	11.80	14	10.90	July 6	11.70	27	12.00
22	11.50	22	10.90	13	11.70	4	12.30
29	10.70	28	10.80	20	11.80	11	12.10
Feb. 5	10.70	May 4	10.80	27	11.90	18	12.10
12	10.60	12	10.50	Aug. 3	11.60	25	11.10
19	10.80	19	10.90	10	11.60	1	11.70
26	11.00	26	10.70	17	11.80	8	11.70
Mar. 4	11.20	June 2	11.00	24	12.00	15	11.90
11	11.40	9	11.20	31	12.00	22	11.80
18	10.50	16	10.30	Sept. 7	12.10	Dec. 6	9.30
25	9.80	23	10.90	14	11.90	13	9.30
Apr. 1	10.20	30	11.10	21	12.00	20	10.30
7	10.70	July 7	11.50	28	11.40	27	10.40
15	10.90	14	11.20	Oct. 5	11.30	Jan. 3, 1972	10.40
22	11.50	21	10.80	12	11.20	10	10.60
29	11.30	28	10.10	19	11.80	17	10.60
May 6	11.20	Aug. 4	10.10	26	11.40	24	10.50
13	11.00	11	10.20	Nov. 2	11.30	31	10.80
20	11.00	18	10.70	9	11.50	7	10.70
27	10.90	25	10.00	16	10.50	14	10.30
June 3	10.30	Sept. 1	11.50	23	10.60	21	10.80
10	10.70	8	11.20	30	10.70	28	10.60
17	10.10	15	11.70	Dec. 7	10.85	Mar. 6	10.30
24	10.70	22	12.10	14	10.70	13	10.10
July 1	10.60	29	12.40	21	10.80	20	10.20
8	11.10	Oct. 6	12.30	28	10.70	27	10.20
15	11.40	13	12.50	Jan. 4, 1971	11.20	Apr. 3	10.60
22	11.60	20	13.90	11	11.30	10	10.70
29	11.80	27	11.90	18	11.20	17	10.40
Aug. 5	12.00	Nov. 3	12.60	25	11.20	24	10.30
12	11.90	10	11.30	Feb. 1	11.30	May 1	10.40
19	12.30	17	11.50	8	11.10	8	9.70
26	12.50	24	10.80	15	10.00	15	9.70
Sept. 4	12.40	Dec. 1	11.20	22	9.90	22	9.90
9	12.00	8	11.00	Mar. 1	10.00	29	10.70
16	11.10	15	11.10	8	9.90	June 5	10.20
23	11.60	22	11.00	15	10.20	12	10.30
30	11.80	27	11.00	22	10.20	19	10.60
Oct. 7	12.50	Jan. 9, 1970	11.50	29	10.80	July 17	10.50
14	12.60	12	11.10	Apr. 5	10.80	24	10.90
21	12.40	19	11.10	12	11.00	31	11.00
28	12.30	26	11.20	19	11.00	Aug. 7	10.90
Nov. 4	12.50	Feb. 2	11.30	26	11.10	14	11.00
11	12.30	13	10.20	May 3	11.20	21	11.00
18	11.50	16	10.20	10	11.20	28	11.20
25	10.90	23	10.40	17	11.10	4	11.20
Dec. 2	11.00	Mar. 23	10.30	24	11.00	Sept. 11	12.00
9	11.00	9	10.50	31	11.30	18	11.60
16	11.10	16	10.40	June 7	11.20	25	12.00
20	10.90	23	10.30	14	11.50	Oct. 2	12.00
23	11.30	30	10.40	21	11.70	9	11.90
Jan. 6, 1969	11.20	Apr. 6	9.20	28	12.00	16	12.00
17	11.20	13	10.10	July 5	12.40	23	11.80
20	11.70	20	10.50	12	12.60	30	12.20
27	11.60	27	10.40	19	11.90	6	12.10
Feb. 2	11.00	May 4	10.30	26	12.52	13	12.10
10	11.40	11	10.80	Aug. 2	10.80	20	11.50
18	11.50	18	10.70	9	10.90	27	11.40
24	10.90	25	10.90	16	11.00	Dec. 4	11.30
Mar. 3	11.80	June 1	11.10	23	11.70	11	9.90
10	12.00	8	10.90	30	11.70	18	9.90
17	12.30	15	11.80	Sept. 6	11.70	25	9.80
24	12.20						

Crawford County

413542N0802450.1. Local number Cw-413. U.S. Geol. Survey. State Game Land No. 214. Near Hartstown. Drilled observation artesian well in Cussewago Sandstone, Mississippian age, diam 6 in, depth 100 ft, cased to 19. Lsd 1,110 ft above msl. MP top of casing, 2.70 ft above lsd. Highest water level 20.20 below lsd, May 23, 1969; lowest 48.94 below lsd, July 19, 1967. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	45.86	45.04	.....	.....	20.42
10	46.80	44.40	.....	24.58	20.44
15	47.61	43.96	.....	23.40	20.80
20	48.93	47.66	43.28	32.49	20.96
25	47.80	47.02	43.43	28.72	21.30
Rom	45.59	46.09	.....	26.39	20.86

1968

5	21.34	21.40	25.31	23.21	26.00	26.25	27.82	28.20	28.10	.....	.....	23.35
10	21.87	21.45	25.10	.....	25.90	26.29	27.15	28.29	27.70	.....	.....	.....
15	22.00	22.13	24.98	.....	25.40	27.80	28.05	27.70	28.15	.....	.....	.....
20	23.32	23.14	23.47	.....	25.35	27.05	28.30	27.60	27.98	.....	.....	.....
25	22.78	24.72	23.35	25.28	25.60	27.20	28.10	27.80	.....	28.00	25.30	.....
Rom	22.35	23.87	22.98	24.90	25.78	27.52	.....	27.82	.....	25.38	24.70	.....

1969

5	.....	.....	.....	.....	21.38	21.15	22.68	21.30	23.83	25.30	26.00	.....
10	.....	.....	.....	.....	21.71	21.10	21.73	21.91	24.76	25.60	25.48	.....
15	.....	.....	.....	.....	21.40	22.00	21.51	23.01	24.66	25.60	25.27	.....
20	23.88	.....	26.12	21.00	20.65	21.98	21.84	22.80	25.02	25.80	25.21	.....
25	22.73	.....	25.40	20.78	20.30	22.48	21.45	23.41	24.85	25.78	.....	.....
Rom	.....	.....	.....	21.45	21.29	22.50	21.50	23.95	25.40	25.79	.....	.....

1970

5	.....	.....	20.82	20.72	22.10	24.12	26.03	26.60	.....	.....	24.00	22.59
10	.....	.....	20.90	20.92	22.46	24.96	25.99	26.69	.....	.....	25.30	22.72
15	.....	.....	21.02	22.12	23.19	25.30	26.28	26.81	.....	.....	23.90	22.77
20	22.65	21.80	21.12	21.57	22.89	25.18	26.80	27.11	.....	25.90	22.70	23.35
25	.....	21.01	21.02	21.97	23.63	25.28	27.19	26.84	27.00	25.10	23.14	22.89
Rom	.....	.....	21.10	.....	23.90	.....	26.61	27.40	.....	24.95	23.03	23.41

1971

5	23.60	25.77	23.10	23.10	.....	26.51	26.70	27.93	28.70	.....	27.06	26.90
10	23.89	25.09	23.18	23.76	.....	26.21	26.90	27.72	27.55	.....	.....	26.06
15	24.81	24.15	22.40	.....	.....	27.38	27.09	27.85	27.31	.....	.....	26.31
20	24.80	24.65	21.86	24.95	25.40	26.40	27.57	28.45	27.51	27.09	30.30	25.78
25	25.30	23.25	22.4	.....	25.16	26.45	27.60	28.43	26.79	26.48	28.56	25.76
Rom	25.01	22.89	22.60	.....	26.11	26.52	27.35	29.72	26.85	26.66	27.26	26.21

1972

5	25.71	26.26	26.10	26.61	26.96	27.92	28.00	28.12	27.00	28.40	35.80	26.32
10	27.14	26.32	25.62	26.60	27.00	27.63	26.75	28.10	29.45	27.41	31.18	26.11
15	26.14	26.25	25.70	26.2	27.33	26.77	27.01	28.03	28.13	27.01	28.07	26.10
20	26.05	26.54	25.62	26.60	26.61	26.16	27.55	27.95	27.77	39.91	h26.70	26.56
25	25.82	26.63	25.97	28.27	27.50	26.61	27.85	28.42	27.80	39.42	26.70	26.38
Rom	26.18	25.98	25.97	26.80	27.02	26.35	27.79	28.00	27.26	38.20	26.55	26.38

h Tape measurement.

Cumberland County

400209N0771833.1. Local number Cu-2. Commonwealth of Pennsylvania. Michaux State Forest. Drilled unsealed water-table well in metarhyolite of Precambrian age, previously reported in sandstone of Loudoun Formation of Early Cambrian(?) age, diam 6 in, depth 37 ft, casing information not available. Lsd 955 ft above msl. MP top of casing, 1.50 ft above lsd (since Jan. 13, 1970). Highest water level 9.51 below lsd, Apr. 18, 1961; lowest 33.50 below lsd, Feb. 3, 1955. Records available: 1951-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.10	.....	17.60	14.95	18.70	15.02	17.82	21.79	25.05	25.80	27.00	24.65
10	20.08	.....	17.95	15.20	18.20	15.00	18.58	22.35	25.13	26.12	27.00	24.45
15	19.90	.....	18.25	15.65	18.51	15.42	19.25	22.95	24.70	26.40	26.95	24.12
20	19.78	.....	16.83	16.18	18.90	16.00	19.82	23.50	24.80	26.61	.....	24.10
25	.....	17.00	15.60	16.90	19.20	16.57	20.45	.....	25.06	26.79	.....	24.11
Rom	.....	17.18	14.90	17.21	16.90	17.25	21.15	24.58	25.40	26.92	25.03	24.20

1969

5	24.30	25.20	25.17	21.65	20.01	21.45	23.63	23.31	25.21	27.12	28.49	26.90
10	24.43	25.12	25.05	21.20	20.11	21.82	24.10	23.08	25.50	27.38	28.38	26.78
15	24.70	25.12	25.05	20.95	20.35	22.13	24.61	23.12	25.75	27.62	28.16	25.15
20	24.89	25.12	24.95	20.63	20.45	22.40	25.09	23.42	26.09	27.87	28.00	24.56
25	25.00	25.15	24.00	20.34	20.70	.....	24.78	23.90	26.42	28.10	27.48	24.08
Rom	25.21	25.20	22.30	20.13	21.08	23.15	23.78	24.64	26.80	28.39	27.12	23.56

1970

5	23.18	21.57	17.31	13.50	13.33	17.55	20.02	21.05	24.45	27.31	27.33	22.40
10	22.70	20.63	16.61	12.90	13.95	18.20	20.00	21.64	24.93	27.73	27.03	22.31
15	22.49	19.20	16.26	13.02	14.70	18.88	19.40	22.26	25.40	28.13	25.99	22.27
20	22.30	18.54	16.20	12.10	15.39	19.35	19.41	22.83	25.85	28.61	24.50	21.19
25	22.99	.....	15.80	12.35	15.97	19.35	19.85	23.36	26.22	28.60	23.20	20.10
Rom	22.94	.....	15.90	.....	16.87	.....	20.45	23.99	.....	27.80	22.64	19.19

400209N0771833.1--Continued.

Day	1971											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	18.80	18.44	12.85	14.30	17.80	17.66	18.90	22.21	24.45	26.23	25.36	23.80
10	18.05	18.82	12.98	14.84	18.02	18.10	19.60	22.22	24.83	26.43	24.86	21.21
15	17.74	18.30	12.87	15.22	17.94	18.30	20.20	22.62	25.27	26.59	24.60	18.51
20	17.71	17.50	13.00	15.70	17.30	17.66	20.90	23.04	25.59	26.78	24.44	17.64
25	....	14.80	13.00	16.42	17.10	17.80	21.51	23.52	25.85	26.89	24.59	17.63
Eom	18.15	13.45	13.62	17.18	17.38	18.31	22.30	24.08	26.03	25.86	24.40	17.73

Day	1972											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	17.65	17.33	12.83	14.05	13.41	15.36	14.10	18.97	22.97	25.95	25.79	.....
10	17.32	17.14	12.91	14.51	13.07	16.31	14.80	19.66	23.60	26.32	25.90	.....
15	17.08	16.30	13.30	14.57	13.00	17.02	15.50	20.30	24.13	26.66	25.73	.....
20	16.87	15.40	13.41	12.80	13.46	17.59	16.30	20.91	24.72	26.97	25.33	.....
25	17.11	15.13	13.08	12.70	13.47	14.01	17.17	21.56	25.08	.....	.....	.....
Eom	17.31	14.89	13.52	13.28	14.43	.....	18.22	22.36	25.51	25.55	.....	.....

Dauphin County

402118N0764621.1. Local number Da-350. William R. Miller. R.D. #1, Linglestown. Drilled unused artesian well in Martinsburg Shale, Ordovician age, diam 6 in, depth 225 ft, cased to 19. Lsd 460 ft above msl. MP top of casing (previously reported top of plywood cover), 1.30 ft above lsd. Highest water level 2.46 below lsd, June 23, 1972; lowest 6.95 below lsd, Sept. 11, 12, 1966. Records available: 1965-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	4.21	5.22	4.60	5.02	....	5.42	5.93	6.10	5.63	5.48	4.30
10	....	4.70	5.23	4.83	5.18	....	5.56	5.99	5.90	5.58	5.02	4.70
15	....	4.90	4.65	5.00	5.15	....	5.61	6.07	5.20	5.61	4.42	4.78
20	....	5.10	4.12	5.10	5.19	....	5.69	6.02	5.40	5.20	4.42	....
25	4.52	5.20	4.13	4.43	4.35	5.20	5.75	....	5.50	5.31	4.67	4.73
Eom	4.11	5.20	4.51	4.70	....	5.23	5.85	6.16	5.52	5.42	4.60	4.96

1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	5.20	4.95	4.90	4.58	4.90	5.33	5.71	3.68	5.42	5.45	5.26	5.30
10	5.20	5.11	4.90	4.53	4.78	5.46	5.74	4.60	5.59	5.54	4.80	4.80
15	5.40	5.28	5.13	4.60	5.10	5.50	5.80	4.92	5.68	5.59	5.00	4.50
20	5.40	5.30	5.09	4.01	4.73	5.20	5.82	5.11	5.63	5.55	4.69	4.66
25	5.20	4.95	3.82	4.16	....	....	4.68	5.32	5.70	5.61	4.92	4.64
Eom	5.00	4.95	4.47	4.62	5.35	5.64	4.50	5.48	5.68	5.63	5.04	4.43

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.30	4.05	4.10	3.72	3.86	5.15	5.03	5.45	5.77	5.34	4.53	4.50
10	4.47	3.60	4.30	4.10	4.40	5.28	4.10	5.53	5.55	5.45	4.80	4.78
15	4.56	4.09	4.22	3.70	4.66	5.29	4.72	5.67	5.71	5.58	4.15	4.58
20	4.82	4.17	4.13	4.00	4.55	4.64	5.04	5.59	5.50	5.57	4.32	4.29
25	4.95	....	4.06	3.56	4.78	4.65	5.23	5.58	5.70	5.16	4.43	4.19
Eom	4.63	....	3.95	....	5.15	....	5.31	5.69	5.08	5.10	4.42	4.58

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.90	5.06	4.03	4.76	5.00	4.80	5.60	4.21	5.54	5.49	4.65	4.41
10	4.41	4.80	4.05	4.80	4.30	5.12	5.62	4.89	5.63	5.57	4.91	3.83
15	4.59	4.16	4.08	4.90	3.87	5.03	5.66	5.12	5.01	5.40	5.20	4.19
20	4.81	3.74	3.80	5.04	4.24	5.23	5.71	5.25	4.83	5.60	5.25	4.51
25	4.92	3.77	4.31	5.20	4.43	5.43	5.70	5.41	5.21	5.43	5.10	4.69
Eom	5.03	3.83	4.60	5.14	4.38	5.45	5.66	5.33	5.34	5.20	3.88	4.75

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	4.11	4.02	3.48	4.44	3.60	4.93	4.22	5.45	5.75	5.80	5.80	4.37
10	4.06	4.45	4.01	4.58	3.34	5.13	4.42	5.55	5.84	5.88	5.04	3.70
15	4.20	3.90	4.20	4.10	3.70	5.16	4.77	5.62	5.71	5.81	4.50	4.14
20	4.46	....	3.92	3.86	4.05	4.11	4.93	5.67	5.81	5.85	4.44	4.22
25	4.34	....	3.75	3.85	4.67	....	5.13	5.72	5.80	h5.78	4.73	4.04
Eom	4.66	4.05	4.30	4.35	4.75	....	5.30	5.66	5.71	5.79	4.55	4.13

h Tape measurement.

402132N0764722.1. Local number Da-353. Walter Compton. Linglestown. Drilled unused artesian well in Martinsburg Shale, Ordovician age, diam 6 in, depth 184 ft, cased to 21. Lsd 500 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 2.00 above lsd, many times, 1970-72; lowest 6.73 below lsd, Sept. 12, 13, 1966. Records available: 1965-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 25, 1968	+1.68	Apr. 24, 1969	+1.70	July 27, 1970	+0.59	Oct. 29, 1971	+1.27
Feb. 23	-2.22	May 26	+0.92	Aug. 25	-1.47	Nov. 25	....
Mar. 19	-1.80	June 26	-0.37	Sep. 24	1.53	Dec. 20	....
Apr. 25	+0.93	July 25	+0.96	Oct. 24	0.83	Jan. 27, 1972	1.60
May 27	+0.84	Aug. 28	-1.20	Nov. 24	2.00	Feb. 28	1.65
June 21	-0.58	Sept. 26	2.11	Dec. 27	-0.83	March	1.78
July 23	2.53	Oct. 28	-2.23	Jan. 20, 1971	+0.70	April	2.00
Aug. 26	4.38	Nov. 25	+0.72	Feb. 25	2.00	May	1.00
Sept. 24	1.00	Dec. 18	1.10	Mar. 26	2.00	July 3	1.78
Oct. 24	-0.75	Jan. 22, 1970	1.40	Apr. 27	0.53	Aug. 25	....
Nov. 25	+0.84	Feb. 26	2.00	May 27	+0.95	Sept. 29	-1.79
Dec. 20	+0.40	Mar. 26	2.00	June 29	-1.39	Sept. 22	2.22
Jan. 23, 1969	-0.70	Apr. 24	2.00	July 29	2.14	Oct. 25	2.32
Feb. 25	+0.60	May 26	0.50	Aug. 27	-1.29	Nov. 22	1.60
Mar. 27	1.59	June 25	0.92	Sept. 30	+0.96	Dec. 19	1.68

Delaware County

395040N075348.1. Local number De-3. Mrs. Hope W. Ebert. Birmingham Township. Dug unused water-table well in gneiss of Wissahickon Formation, Precambrian to Ordovician age, diam 4 1/2 in, depth 22 ft, cased with stone. Lsd 260 ft above msl. MP top of concrete base, 1.80 ft above lsd. Highest water level 7.90 below lsd, Aug. 22, 1955; lowest dry, many times, 1964-66. Records available: 1950-1972.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 1, 1968	13.10	Mar. 31, 1969	14.21	July 20, 1970	15.63	Oct. 11, 1971	11.93
8	13.29	Apr. 7	14.15	27	15.72	18	11.84
15	12.79	14	14.24	Aug. 3	15.63	25	12.58
22	12.92	21	14.38	10	15.55	Nov. 1	13.24
29	13.32	28	14.52	17	15.53	8	13.55
Feb. 5	13.62	5	14.63	24	15.63	22	14.06
12	13.70	12	14.74	31	15.76	29	14.00
19	13.97	19	14.90	Sept. 7	15.88	Dec. 6	12.80
26	14.29	26	15.04	14	16.01	13	12.78
Mar. 4	14.56	June 2	15.10	21	16.16	20	13.19
11	14.85	7	15.26	28	16.32	27	13.72
18	13.71	23	15.58	Oct. 5	16.49	Jan. 3, 1972	14.18
25	11.72	July 7	15.90	12	16.67	10	14.39
Apr. 1	12.46	14	16.06	19	16.84	17	14.40
8	13.19	21	16.20	26	16.82	24	14.38
15	13.75	29	15.44	Nov. 2	16.82	31	14.57
22	14.24	Aug. 4	15.29	9	16.52	Feb. 7	14.39
29	14.60	11	14.95	16	14.97	14	13.98
May 6	14.92	18	14.73	23	13.53	21	13.40
13	15.15	25	14.75	30	13.46	28	13.09
20	15.34	Sept. 1	14.94	Dec. 7	13.75	Mar. 6	11.93
27	15.53	8	15.09	14	14.07	13	12.48
June 3	15.16	15	15.28	21	13.90	20	12.98
10	14.83	Oct. 12	15.62	28	13.32	27	13.03
17	14.66	13	15.90	Jan. 4, 1971	13.24	Apr. 3	13.47
24	14.75	20	16.07	11	12.71	10	13.96
July 1	15.00	27	16.23	18	12.93	17	13.86
8	15.25	Nov. 3	16.38	25	13.50	24	13.34
15	15.48	10	16.52	Feb. 1	13.98	May 1	13.45
Aug. 8	16.12	17	16.68	8	13.52	8	13.78
12	16.24	24	16.76	15	12.81	15	13.89
19	16.42	Dec. 1	16.80	22	12.98	22	13.76
26	16.60	8	16.91	Mar. 1	12.18	29	14.03
31	16.74	15	16.16	8	11.78	June 5	14.38
Sept. 9	17.00	22	15.63	15	12.18	12	14.74
13	17.18	29	14.59	22	12.87	19	15.06
23	17.33	Jan. 5, 1970	12.66	29	13.33	26	13.37
30	17.50	12	12.55	Apr. 5	13.73	July 3	12.76
Oct. 7	17.67	19	13.17	12	13.26	10	13.35
14	17.84	26	12.63	19	13.28	17	13.88
21	17.98	Feb. 2	13.88	26	13.70	24	14.35
28	18.33	9	13.47	Mar. 5	14.09	31	14.76
Nov. 4	18.49	16	12.94	10	14.47	Aug. 7	15.10
11	18.37	23	13.16	17	14.32	14	15.41
18	18.29	Mar. 2	13.49	24	14.26	21	15.68
25	18.21	9	13.85	June 7	14.33	28	15.96
Dec. 2	18.28	16	14.23	14	14.62	Sept. 4	16.21
9	17.98	23	14.21	21	14.87	11	16.43
16	17.67	30	14.05	28	15.09	18	16.62
23	17.44	Apr. 6	11.31	5	15.32	23	16.77
28	15.90	13	11.93	12	15.55	Oct. 2	16.98
30	17.15	20	10.88	19	15.79	9	17.14
Jan. 6, 1969	16.80	27	11.80	Aug. 26	16.03	16	17.28
13	16.51	May 4	12.53	2	16.26	23	17.42
20	16.28	11	13.15	9	16.45	30	17.54
27	16.13	18	13.67	16	16.63	Nov. 6	17.66
Feb. 3	15.91	25	14.13	23	16.80	13	17.04
10	15.68	June 1	14.49	30	15.43	20	15.12
17	15.71	7	14.76	Sept. 6	14.82	27	13.50
24	15.60	22	15.21	8	14.74	Dec. 4	12.81
Mar. 3	15.29	29	15.35	23	9.44	11	11.23
10	14.94	July 6	15.46	27	10.70	18	10.97
17	14.54	13	15.58	Oct. 4	12.08	25	11.46
24	14.35						

Elk County

412143N0783629.1. Local number Ek-1. Mrs. Elizabeth Ernst. Kersey. Drilled unused water-table well in shale and sandstone of Allegheny Group, Pennsylvanian age, diam 4 in, depth 87 ft, casing information not available. Lsd 1,910 ft above msl. MP top of casing, 1.50 ft above lsd. Highest water level 6.62 below lsd, June 11, 1943; lowest 13.43 below lsd, Sept. 24, 1954. Records available: 1941-69. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1968	10.58	Mar. 29, 1968	10.40	June 21, 1968	10.30	Sept. 13, 1968	11.45
12	10.75	Apr. 5	10.46	28	10.32	20	12.00
19	10.76	12	10.49	July 5	10.40	27	11.60
26	10.78	19	10.60	12	10.52	Oct. 4	11.85
Feb. 2	10.20	26	10.70	19	10.65	18	12.05
9	10.22	May 3	10.70	25	10.75	25	12.05
16	10.40	10	10.68	Aug. 2	10.70	Nov. 1	12.04
23	10.70	17	10.30	9	10.85	8	12.02
Mar. 1	10.75	24	10.10	16	11.10	15	11.90
8	10.76	29	10.05	23	11.20	22	11.40
15	10.78	June 7	10.10	29	11.25	29	11.35
22	10.40	14	10.30	Sept. 6	11.40	Dec. 6	10.90

394843N0793514.1--Continued.

1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	31.69	.....	.....	21.40	22.43	.....	.....	.....	23.68	23.60	24.21	.....
10	.....	.....	.....	21.51	22.21	.....	.....	.....	23.63	23.68	24.25	.....
15	.....	.....	.....	21.75	21.73	.....	.....	.....	23.50	23.80	24.25	.....
20	.....	h25.66	.....	22.12	20.62	h28.82	.....	23.43	23.42	23.88	25.25	22.60
25	.....	.....	21.20	22.28	.....	.....	h23.76	23.60	23.40	24.00	.....	21.95
Eom	.....	.....	21.00	22.20	.....	.....	.....	23.60	23.48	24.12	.....	21.00
1969												
5	20.93	21.42	22.65	22.02	22.86	23.18	23.14	22.73	.....	23.41	23.21	22.32
10	21.30	22.00	23.35	21.78	22.91	23.32	22.98	23.10	.....	23.20	23.21	22.45
15	21.74	23.20	23.08	22.30	22.99	23.41	22.71	23.30	.....	23.30	23.50	22.20
20	21.81	22.98	22.91	22.80	23.18	23.22	22.66	23.16	.....	23.11	23.20	22.11
25	21.85	22.65	22.30	22.32	23.48	23.22	.....	23.30	23.05	23.06	23.22	22.70
Eom	21.45	22.65	22.50	23.20	23.18	23.19	23.10	23.26	23.09	23.20	23.00	22.91
1970												
5	22.7	.....	22.00	.....	.....	22.87	.....	23.21	23.35	.....	24.63	23.57
10	22.73	.....	22.18	.....	.....	22.78	.....	23.31	23.39	.....	.....	23.42
15	22.90	.....	22.56	.....	.....	22.73	.....	23.40	23.37	.....	23.69	23.14
20	22.90	.....	22.80	.....	22.84	23.00	.....	23.21	23.57	.....	23.67	22.70
25	.....	22.20	.....	.....	22.39	.....	22.79	23.42	23.50	24.61	23.67	21.50
Eom	.....	.....	.....	.....	22.97	.....	22.93	23.35	.....	24.69	.....	20.90
1971												
5	20.49	20.60	22.01	23.35	23.25	23.10	23.38	23.20	23.62	23.63	23.37	22.33
10	20.09	20.82	23.07	23.41	22.33	23.29	23.42	23.22	23.62	23.30	23.45	22.75
15	20.20	20.75	22.66	22.99	22.18	23.59	23.23	23.60	23.18	.....	23.30	24.02
20	20.30	20.50	22.92	22.98	22.35	23.32	23.51	23.60	23.55	23.35	23.00	23.00
25	20.46	19.91	23.34	23.19	22.78	23.50	23.35	23.60	23.80	23.33	22.77	.....
Eom	20.56	20.23	23.35	23.32	23.30	23.47	23.40	23.50	23.58	23.05	22.75	.....
1972												
5	.....	22.90	21.59	23.20	22.88	23.23	23.2	23.33	23.32	23.31	23.69	22.90
10	.....	23.15	22.71	22.88	22.7	23.37	.....	23.40	23.40	23.59	23.51	21.67
15	.....	23.35	21.95	22.78	23.7	23.10	.....	23.40	23.23	23.45	23.55	21.30
20	.....	23.18	23.20	22.84	23.09	23.19	.....	23.34	23.30	23.65	23.42	20.90
25	23.49	22.42	23.26	23.11	23.31	23.1	23.21	23.26	23.37	23.45	23.32	.....
Eom	23.15	22.03	23.37	23.35	23.04	23.1	23.25	23.28	23.94	23.51	23.22	.....

h Tape measurement.

Franklin County

395958N0773933.1. Local number Fr-2. U.S. Army Letterkenny Ordnance Depot. Chambersburg. Drilled unused artesian well in St. Paul Group (previously reported Stones River Limestone), Ordovician age, diam 8 to 6 in, depth 441 ft, cased to 60. Lsd 694 ft above msl. MP top of casing, 2.49 ft above lsd. Highest water level 10.26 below lsd, May 12, 1958; lowest 59.80 below lsd, Nov. 12, 1959. Records available: 1950-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.10	46.12	28.00	46.92	.....	.....	48.80	48.55	33.63
10	36.90	46.75	38.00	47.0	.....	.....	48.7	31.10	34.50
15	42.20	.....	38.15	.....	.....	.....	48.7	30.10	41.53
20	24.78	45.18	.....	44.20	.....	.....	.....	33.70	26.20	45.45
25	31.20	46.32	.....	.....	.....	46.60	29.35	46.90
Eom	24.62	45.30	26.00	45.51	.....	.....	.....	47.96	37.25	45.90
1969												
5	47.00	35.10	44.00	32.15	46.11	48.59	48.41	22.50	47.18	43.60	36.10	h48.01
10	43.35	45.70	38.42	38.30	48.35	47.72	.....	47.28	47.11	44.10	.....
15	46.62	46.85	43.80	45.38	45.70	48.60	.....	.....	48.05	.....	.....
20	47.20	47.35	40.20	46.00	45.20	46.50	.....	.....	48.63	.....	.....
25	39.70	32.60	41.58	46.93	45.90	37.70	.....	.....	48.70	.....	.....
Eom	45.35	26.75	45.23	48.03	47.55	24.95	.....	.....	48.74	.....	.....
1970												
5	12.09	25.70	.....	47.35	.....	.....	.....	28.00	.....
10	16.45	31.15	.....	43.00	.....	.....	48.47	32.90	.....
15	26.90	18.60	37.20	.....	27.40	.....	.....	.....	e23.	.....
20	29.15	15.32	38.90	.....	30.10	.....	.....	.....	e21.	.....
25	22.10	17.30	44.05	.....	.....	47.70	.....	45.30	.....	.....
Eom	23.00	.....	.....	.....	.....	.....	.....	38.50	.....	.....
1971												
5	41.18	17.11	35.50	46.78	43.10	47.60	.....	.....	.....	30.45	.....
10	37.56	18.60	38.50	29.70	45.30	48.12	.....	.....	.....	38.20	.....
15	28.50	22.50	42.63	28.70	.....	e48.	.....	.....	.....	44.35	.....
20	30.95	23.85	26.29	45.43	29.37	.....	48.25	.....	.....	.....	46.15	.....
25	34.40	10.67	25.47	46.05	33.00	45.80	48.60	48.51	.....	46.21	47.33	34.70
Eom	36.60	11.60	29.60	46.45	38.80	46.55	40.81	.....	.....	29.50	.....	41.13

e Estimated.

h Tape measurement.

Fulton County

400302N0780904.1 (revised). Local number Fu-93. Commonwealth of Pennsylvania. Buchanan State Forest. Drilled unused artesian well in sandstone of Pocono Group, Mississippian age, diam 6 in, depth 194 ft, cased to 45'. Lsd 1,190 ft (previously reported 1,150 ft) above msl. MP top of casing, 2.00 ft above lsd. Highest water level 1.76 above lsd, Apr. 2, 1970; lowest 4.46 below lsd, Sept. 12, 1966. Records available: 1965-72.

Lowest water level for the day, above and below lsd, from recorder graph, 1968											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	-0.85	....	....	-0.10	-1.10	+0.66	-1.14	-2.51	-2.84	-3.02	-2.78
10	..84	....	....	..30	1.12	..04	1.53	2.23	2.70	3.00	2.14
15	..51	....	....	..54	..82	+0.09	1.76	2.44	2.28	2.99	1.98
20	..58	....	+0.85	..74	..75	..14	2.04	2.34	2.55	2.64	1.14
25	..08	....	..67	..93	..38	..76	2.21	2.42	2.62	2.56	1.42
Bom	+5.58	....	+5.55	..85	+1.22	..50	2.30	2.69	2.87	2.76	1.81
1969											
5	-1.78	-1.26	-1.55	-0.21	-0.62	+0.01	....	+0.68	-1.05	-1.49	-0.36
10	2.01	1.45	1.38	..34	+1.10	..34	....	..32	..15	1.52	..61
15	2.20	1.68	1.61	..46	....	..76	....	..85	..83	1.69	..71
20	2.08	1.80	1.36	..67	..31	1.00	....	+1.10	1.34	1.76	..42
25	2.04	1.67	..42	..30	..70	1.55	-0.95	..58	1.38	1.98	..41
Bom	1.87	1.74	..05	..46	-1.19	1.88	+3.32	1.28	1.60	2.00	..51
1970											
5	+0.16	+1.34	+1.24	....	....	h+0.70	-0.76	-0.48	-1.67	-3.00	+0.20
10	....	..98	1.12	....	....	..36	..64	..94	1.92	2.13	..44
15	....	e.6	e.80	+1.49	....	..90	..61	1.41	2.05	2.14	1.34
20	-2.25	..25	..50	+0.51	+0.02	..77	1.46	....	....	2.24	..93
25	-3.1	..80	1.19	....	..12	..22	..86	1.10	2.12	1.27	..36
Bom	+2.21	..66	1.49	....	....	..16	..10	1.50	1.63	1.41	..11
1971											
5	+0.96	....	....	-0.5	-0.81	+0.11	-1.19	-1.35	-2.46	-1.48	-0.06
10	1.0	....	+1.04	..29	+1.10	..25	1.54	1.55	2.49	1.59	..38
15	..58	....	1.42	..36	1.37	..28	1.39	1.89	1.51	1.90	..88
20	....	....	....	....	1.02	+0.02	1.66	2.09	....	2.06	1.01
25	....	....	..69	..74	1.22	..63	1.67	2.09	....	..82	....
Bom	....	....	+2.29	..85	..44	..88	1.72	2.30	1.24	..52	..12
1972											
5	+0.32	-0.44	....	+0.32	+1.20	+1.	+0.73	-0.9	-1.99	-2.36	-2.20
10	+1.16	..55	....	..44	1.5	..02	..30	1.0	....	2.22	1.31
15	....	+2.28	....	..99	1.44	..2	..50	1.3	....	2.14	..52
20	0.0	....	....	1.3	1.34	..86	+4.46	....	2.38	2.31	..18
25	-2.21	....	....	1.39	1.22	....	-0.0	1.48	2.38	2.25	..25
Bom	..26	....	+0.33	..78	..80	....	..5	1.71	2.42	2.28	+3.30

e Estimated.

h Tape measurement.

Huntingdon County

402108N0780820.1. Local number Hu-1. Mr. H. G. Stauffer. Near Aitch and Markelsburg. Drilled unused water-table well in sandstone of Scherr Formation (previously reported Chemung Formation), Devonian age, diam 6 in, depth 33 ft, casing information not available. Lsd 720 ft above msl. MP top of casing, at lsd. Highest water level 0.00 Mar. 15, 1941; lowest 28.45 below lsd, Nov. 21, 1964. Records available: 1931-71. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 3, 1968	21.70	Aug. 28, 1968	24.27	Apr. 23, 1969	21.35	Dec. 10, 1969	26.44
10	21.86	Sept. 4	25.04	30	21.58	17	23.06
17	21.51	11	23.33	May 7	22.20	24	22.25
24	21.14	18	23.65	14	22.24	31	22.28
31	20.29	25	23.88	21	22.44	Jan. 7, 1970	21.65
Feb. 7	18.89	Oct. 2	24.47	28	22.56	14	21.81
14	19.98	9	24.89	June 4	18.62	21	22.02
21	20.50	16	25.44	11	21.04	28	22.20
28	21.85	23	24.10	18	22.91	Feb. 4	21.02
Mar. 6	21.92	30	24.04	25	23.54	11	22.36
13	21.44	Nov. 6	24.38	July 2	23.13	18	21.75
20	20.37	12	23.30	9	23.07	25	19.64
27	19.79	20	18.70	16	24.16	Mar. 4	21.69
Apr. 3	21.00	27	20.80	23	23.90	11	21.30
10	21.43	Dec. 4	21.82	30	21.89	18	21.89
17	21.51	11	21.89	Aug. 5	22.37	25	19.22
24	21.59	18	21.90	12	23.42	Apr. 1	19.62
May 1	21.71	25	22.10	20	22.78	8	16.26
8	21.75	Jan. 1, 1969	22.29	27	23.18	15	19.09
15	21.52	8	22.40	Sept. 3	23.68	22	19.52
22	21.15	15	22.64	10	24.13	29	19.36
29	20.31	22	22.69	18	24.96	May 6	20.78
June 5	18.37	27	22.89	19	25.04	13	22.14
12	19.53	Feb. 5	21.53	24	25.45	20	21.42
19	20.67	12	21.86	Oct. 1	25.89	27	9.59
26	21.20	19	22.32	8	25.84	June 3	20.35
July 3	20.23	26	22.46	15	26.04	10	22.14
10	22.09	Mar. 6	22.52	22	26.08	17	20.22
17	22.44	12	22.47	29	26.33	24	18.76
24	21.76	19	22.81	Nov. 5	26.19	July 1	18.42
31	21.98	26	22.49	12	25.33	8	22.06
Aug. 7	16.29	Apr. 2	21.40	19	25.40	15	21.74
14	21.91	9	21.02	26	25.22	22	21.15
21	23.49	16	21.21	Dec. 3	25.49	29	15.31

402108N0780820.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Aug. 4, 1970	20.06	Nov. 18, 1970	16.59	Mar. 2, 1971	16.31	June 16, 1971	24.24
12	23.16	25	20.44	10	19.64	23	24.61
19	24.02	Dec. 2	22.02	17	20.22	30	24.81
26	20.20	9	22.04	24	20.81	July 7	25.22
Sept. 2	15.77	16	20.65	31	22.32	14	25.16
9	21.97	23	19.89	Apr. 7	22.66	21	24.04
16	22.82	30	19.72	14	22.11	28	25.03
23	23.13	Jan. 6, 1971	19.37	21	22.72	Aug. 4	22.99
30	22.61	13	20.71	28	24.38	11	23.16
Oct. 7	22.93	20	21.31	May 5	24.31	18	24.39
14	23.43	27	21.86	12	22.96	25	24.81
21	23.44	Feb. 3	22.49	19	21.89	Oct. 8	23.75
28	21.87	10	22.22	26	23.16	Sept. 7	23.41
Nov. 4	20.03	17	20.46	June 2	23.81	Nov. 4	19.36
11	20.12	24	14.76	9	24.36	Dec. 8	17.59

401843N0780754.1. Local number Hu-301. U.S. Geol. Survey. Trough Creek State Park. Drilled observation artesian well in Burgoon Sandstone, Mississippian age, diam 6 in, depth 105 ft, cased to 18. Lsd 970 ft above msl. MP top of casing, 3.30 ft above lsd. Highest water level 48.82 below lsd, June 23, 1972; lowest 55.18 below lsd, Sept. 19, 1969. Records available: 1969-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	54.96	.....	54.55	54.76	
10	.....	.....	.....	.....	.....	.....	.....	54.89	.....	54.60	54.84	
15	.....	.....	.....	.....	.....	.....	.....	54.50	54.97	54.60	53.96	
20	.....	.....	.....	.....	.....	.....	.....	54.45	55.14	54.60	54.22	
25	.....	.....	.....	.....	.....	.....	.....	54.66	.....	54.60	53.89	
Dom	.....	.....	.....	.....	.....	.....	.....	54.86	.....	53.00	54.54	54.01
1970												
5	54.00	.....	53.50	52.10	53.29	53.72	53.82	54.30	54.00	54.58	52.89	53.53
10	54.03	.....	53.29	52.61	53.64	53.69	54.00	54.52	.....	54.63	53.43	53.75
15	54.22	53.82	53.50	52.80	53.86	54.00	53.70	54.81	54.68	54.56	52.53	53.31
20	54.18	54.00	53.78	52.73	53.44	53.57	53.92	54.86	54.66	54.53	52.71	53.04
25	54.16	53.48	53.25	52.95	53.71	53.28	54.10	54.36	54.78	53.85	53.39	52.70
Dom	53.80	.....	52.93	.....	53.48	.....	54.19	54.53	.....	54.02	53.55	53.19
1971												
5	53.12	53.60	52.70	53.84	54.37	54.10	54.80	54.16	54.93	54.60	53.68	54.11
10	53.10	53.73	53.03	53.97	53.83	54.30	54.90	54.21	55.03	54.63	53.81	52.86
15	53.27	53.15	52.81	54.04	53.22	54.12	54.61	54.56	54.73	54.82	54.21	52.90
20	53.61	52.95	52.88	54.08	53.23	54.22	54.80	54.54	54.66	54.98	54.30	53.72
25	53.79	52.31	53.42	54.20	53.42	54.42	54.87	54.80	54.63	54.71	54.48	53.46
Dom	53.50	52.10	53.75	54.30	53.80	54.62	54.51	54.98	54.47	54.17	54.19	53.88
1972												
5	53.91	53.50	51.15	52.84	52.17	52.26	51.80	52.90	53.36	53.02	.....	51.51
10	53.93	53.37	51.8	52.76	51.97	52.51	52.09	52.99	53.52	52.95	52.35	50.58
15	53.60	52.97	52.38	52.28	51.72	52.60	52.41	52.99	53.31	52.89	51.82	50.80
20	.....	52.82	52.46	51.31	51.98	52.28	52.51	52.97	53.40	53.13	51.67	51.30
25	.....	52.75	52.56	51.70	52.06	49.70	.....	53.0	53.39	.....	51.91	50.97
Dom	.....	52.38	52.86	52.21	52.20	50.90	.....	53.33	52.76	.....	51.60	51.54

Indiana County

403702N0790930.1. Local number In-1. Commonwealth of Pennsylvania. Indiana University of Pennsylvania. Drilled unused artesian well in sandstone (previously reported in sandstone and shale) of Conemaugh Formation, Pennsylvanian age, diam 6 in, depth 198 ft, casing information not available. Lsd 1,305 ft above msl. MP top of casing, 5.00 ft below lsd. Highest water level 72.50 below lsd, Apr. 13, 1962; lowest 87.03 below lsd, Oct. 19, 1946. Records available: 1944-47, 1949-72. Recording gage installed January 1972.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 12, 1968	76.85	Aug. 9, 1968	77.35	May 16, 1969	75.66	Dec. 8, 1969	76.94
19	76.93	Sept. 6	77.49	23	75.64	15	76.08
26	76.84	27	77.51	29	75.66	19	75.74
Feb. 5	76.00	Oct. 7	77.92	6	76.03	29	75.76
16	76.08	22	78.26	13	76.44	Jan. 12, 1970	74.97
Mar. 1	76.60	29	78.33	20	76.11	16	75.26
15	76.68	Nov. 6	78.42	27	75.83	26	74.77
22	75.86	15	77.98	July 7	75.72	Feb. 3	74.21
Apr. 1	75.84	25	77.28	22	75.00	6	74.69
5	76.95	Dec. 9	77.00	25	75.42	24	74.43
19	76.35	Jan. 31, 1969	76.35	Aug. 4	75.40	Mar. 6	75.09
26	76.54	Feb. 7	75.90	15	75.59	13	75.29
May 3	76.58	14	76.55	16	76.13	20	79.90
10	76.80	21	76.60	25	76.47	26	79.30
17	76.43	28	76.64	29	76.73	Apr. 6	79.20
24	76.03	Mar. 7	76.63	Sept. 15	77.09	9	81.30
31	75.80	14	77.05	19	77.38	17	76.11
June 7	76.15	24	76.88	26	77.42	24	75.90
14	76.63	28	77.14	Oct. 3	77.58	May 1	76.31
21	76.86	Apr. 3	76.82	13	77.45	8	76.55
28	77.15	10	75.90	16	77.50	15	76.65
July 8	77.48	18	75.81	Nov. 10	77.30	22	76.86
12	77.52	25	75.80	14	77.00	June 1	75.85
29	77.34	May 2	75.83	19	77.10	5	76.00

403702N0790930.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 12, 1970	76.89	Nov. 6, 1970	76.19	Apr. 8, 1971	74.51	Aug. 13, 1971	78.64
16	76.70	13	76.15	16	74.51	20	78.77
25	76.26	23	75.91	23	74.51	27	78.50
July 10	76.49	25	75.75	May 3	74.85	Sept. 3	78.47
17	76.67	4	75.53	7	74.77	10	78.70
31	76.90	11	74.74	21	74.40	24	78.86
Aug. 17	75.03	18	74.52	28	75.47	4	78.82
21	77.02	Jan. 4, 1971	74.41	June 4	76.58	8	79.20
28	76.64	15	74.34	10	77.24	15	79.49
Sept. 14	76.75	22	74.24	18	79.80	22	75.52
18	76.70	29	74.27	July 2	78.48	29	79.54
25	77.07	Feb. 5	74.12	9	78.45	Nov. 5	79.22
Oct. 1	76.90	12	74.58	16	78.09	12	78.92
9	77.05	19	74.24	23	77.89	19	79.00
16	76.94	Mar. 5	74.20	30	78.22	29	79.04
23	76.67	19	73.65	Aug. 6	78.36	Dec. 6	77.08
30	76.94	Apr. 2	74.64				

Lowest water level for the day, from recorder graph, 1972

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	76.62	75.43	75.80	75.79	77.76	76.79	77.75	78.06	.....	77.31	76.16
10	.....	76.70	75.40	75.32	76.28	77.90	76.70	78.00	78.38	.....	77.20	75.74
15	.....	76.34	75.13	75.05	76.33	77.71	76.90	78.02	78.00	77.17	77.04	75.69
20	76.43	76.46	75.68	74.63	76.83	77.62	76.92	77.93	77.69	77.45	76.79	75.35
25	76.61	76.06	75.60	74.90	77.40	76.72	77.09	78.00	.....	77.22	76.50	75.40
Eom	76.22	75.73	75.75	75.20	77.56	76.49	77.50	77.97	.....	77.40	76.49	75.43

Jefferson County

410650N0785758.1. Local number Je-23. U.S. Geol. Survey. State Game Land No. 244. Drilled observation artesian well in sandstone and shale of Allegheny Group, Pennsylvanian age, diam 6 in, depth 101 ft, cased to 37. Lsd 1,660 ft above msl. MP top of plywood cover, 2.05 ft above lsd. Highest water level 14.17 below lsd, Apr. 13, 1970; lowest 21.90 below lsd, Feb. 23, 1968. Records available: 1968-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	21.48	19.40	19.75	16.70	20.49	20.49	20.40	.....	20.52	17.60
10	21.67	19.10	19.78	16.95	20.30	.....	20.33	.....	20.38	17.58
15	21.67	21.50	19.70	.....	18.69	20.20	.....	20.45	.....	20.28	17.30
20	21.76	20.30	.....	.....	19.52	20.26	.....	20.55	.....	19.34	17.38
25	21.81	21.38	.....	17.30	.....	20.30	.....	20.42	20.50	18.71	17.56
Eom	21.50	20.08	19.76	16.70	20.22	.....	20.48	.....	20.71	18.46	17.48

1969

5	17.31	16.68	17.28	16.40	17.48	17.24	18.30	17.95	18.56	19.43	18.58	16.47
10	17.30	16.63	17.20	15.92	17.49	17.44	18.34	17.91	18.65	19.40	18.07	16.50
15	.....	16.73	17.55	15.78	17.34	17.63	18.42	18.09	18.77	19.50	17.64	16.17
20	17.53	16.94	17.61	15.79	17.26	17.84	18.44	18.10	18.97	19.48	17.19	16.08
25	17.32	16.96	17.10	15.33	16.93	18.05	18.25	18.28	19.03	19.48	16.90	15.99
Eom	17.10	17.15	16.96	17.22	17.04	18.20	18.02	18.50	19.22	19.27	16.48	16.05

1970

5	16.04	.....	15.16	15.01	15.47	16.12	17.66	18.22	17.63	17.84	15.84	16.13
10	16.14	.....	14.95	14.94	15.78	16.52	17.68	17.72	17.56	17.79	16.07	16.22
15	16.35	.....	15.27	14.42	16.10	16.92	17.90	18.11	17.40	17.20	15.90	16.24
20	.....	.....	15.58	15.38	15.79	17.12	18.02	18.19	17.58	17.00	15.90	16.27
25	.....	15.24	15.32	15.51	15.73	17.20	18.22	18.03	17.84	16.48	16.13	16.08
Eom	.....	.....	15.21	.....	15.97	.....	18.24	18.01	.....	16.65	16.21	16.40

1971

5	16.65	.....	.....	.....	17.73	17.65	.....	19.53	20.09	18.79	19.20	18.18
10	16.63	.....	.....	.....	17.55	17.92	.....	19.49	20.09	18.82	.....	17.76
15	16.96	.....	.....	.....	17.20	17.96	.....	19.75	20.02	19.14	.....	17.50
20	17.31	.....	.....	.....	16.96	18.06	.....	19.75	18.42	19.48	.....	17.28
25	.....	18.12	.....	17.30	17.10	.....	.....	19.92	18.86	19.24	.....	17.47
Eom	.....	18.02	.....	17.68	17.46	.....	19.42	20.05	18.95	19.17	18.42	17.11

1972

5	16.92	17.85	17.98	17.52	17.58	18.80	17.46	19.28	20.69	20.45	20.78	20.53
10	16.79	18.21	18.01	17.47	17.64	18.92	17.52	19.60	21.14	20.64	20.57	20.44
15	17.26	18.14	17.46	17.29	17.40	18.58	17.80	19.82	20.99	20.45	20.44	20.48
20	17.26	18.14	17.51	17.08	17.87	18.20	18.40	20.11	20.87	20.88	20.39	20.47
25	17.53	17.14	17.21	16.99	18.40	.....	18.60	20.32	20.67	20.77	20.39	20.63
Eom	17.40	.....	17.36	17.42	18.39	.....	18.92	20.59	20.49	20.91	20.68	20.93

h Tape measurement.

Juniata County

402411N0773748.1. Local number Ju-351. U.S. Geol. Survey. State Game Land No. 215. Drilled observation artesian well in shale of Mahantango Formation, Devonian age, diam 6 in, depth 112 ft, cased to 18. Lsd 635 ft above msl. MP top of plywood cover, 3.55 ft above lsd. Highest water level 11.67 below lsd, Feb. 23, 1971; lowest 15.36 below lsd, Sept. 21, 1969. Records available: 1968-72.

402411N0773748.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	14.10	.....	.....	15.19	14.39	12.88
10	.....	.....	.....	.....	.....	.....	14.52	.....	.....	15.15	13.35	13.48
15	.....	.....	.....	.....	.....	.....	14.67	.....	.....	.....	13.28	13.61
20	.....	.....	.....	.....	.....	.....	14.85	.....	.....	.....	13.04	13.84
25	.....	.....	.....	.....	.....	13.69	.....	.....	14.99	14.00	13.54	13.75
Eom	.....	.....	.....	.....	.....	13.47	.....	15.19	15.08	14.22	13.48	13.77
1969												
5	13.92	13.58	13.62	13.25	13.51	13.68	14.84	13.48	15.17	15.09	14.74	14.50
10	13.84	13.74	13.63	13.08	12.95	14.05	14.97	13.85	15.15	15.14	14.48	14.30
15	14.12	13.90	13.78	13.38	.....	14.47	15.13	14.39	15.25	15.13	14.36	13.46
20	13.94	13.85	13.61	13.40	.....	13.94	15.08	14.64	15.34	15.13	14.08	13.83
25	13.78	13.57	12.40	13.18	13.59	14.33	14.20	14.94	15.25	15.22	14.10	13.86
Eom	13.66	13.69	13.32	13.39	14.07	14.74	13.26	15.19	15.27	15.18	14.19	13.66
1970												
5	13.56	12.90	12.72	.....	13.22	.....	14.05	14.64	14.78	14.99	13.23	13.23
10	13.65	13.20	12.93	.....	13.34	.....	14.22	14.84	14.97	15.06	13.69	13.47
15	13.73	13.17	13.22	.....	13.44	.....	14.11	15.09	15.12	15.00	12.42	13.23
20	13.60	13.44	13.19	.....	13.31	.....	14.12	15.00	15.04	14.91	13.12	12.68
25	13.64	12.69	12.66	.....	13.39	13.68	14.46	14.74	15.13	13.91	13.33	12.65
Eom	12.94	.....	12.79	.....	13.80	.....	14.58	14.76	.....	14.10	13.30	13.25
1971												
5	12.65	13.40	12.82	13.30	13.41	13.70	.....	13.64	15.13	14.97	13.46	13.31
10	13.15	13.42	12.86	13.35	13.17	14.05	.....	14.10	15.13	14.94	13.70	12.17
15	13.22	12.45	12.68	13.37	12.86	13.76	.....	14.62	15.09	14.90	13.96	13.08
20	13.35	12.50	12.89	13.34	13.18	13.67	.....	14.91	14.98	15.04	13.64	13.42
25	13.46	12.16	13.00	13.44	13.31	13.97	.....	15.03	15.00	14.72	13.71	13.52
Eom	13.42	11.90	13.19	13.38	13.42	13.85	14.58	15.09	14.85	13.91	13.60	.....
1972												
5	.....	.....	.....	13.19	12.13	13.41	.....	.....	15.27	15.20	14.89	13.12
10	.....	.....	.....	13.22	12.30	13.95	.....	.....	15.33	15.14	13.91	12.13
15	.....	.....	.....	12.56	12.98	13.92	.....	.....	15.17	15.09	13.06	12.95
20	.....	.....	.....	12.60	12.96	.....	.....	.....	15.27	15.17	13.60	13.32
25	13.37	.....	.....	12.85	13.23	.....	h13.50	h15.18	15.33	h14.87	13.65	12.83
Eom	.....	.....	13.32	13.27	13.28	.....	e14.6	15.21	15.05	14.99	13.27	13.21

e Estimated.
h Tape measurement.

Lackawanna County

411310N0753755.1. Local number Lk-4. Commonwealth of Pennsylvania. Lackawanna State Forest. Dug unused water-table well in shale and sandstone of Catskill Formation, Mississippian and Devonian age, diam 36 in, depth 10 ft, casing information not available. Lsd 1,190 ft above msl. MP wooden cover, 0.40 ft above lsd. Highest water level 1.62 below lsd, Mar. 17, 1972; lowest dry, October and November 1964. Records available: 1953-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 5, 1968	3.72	Nov. 18, 1968	2.35	Dec. 12, 1969	2.96	Jan. 8, 1971	3.58
12	3.78	22	3.45	Mar. 6, 1970	3.58	15	3.75
19	3.66	29	3.13	13	3.68	22	3.88
26	3.71	6	3.42	20	3.63	29	3.98
Feb. 2	2.16	20	3.72	27	2.27	Feb. 13	2.25
9	3.50	30	3.48	Apr. 3	2.05	19	3.47
16	4.03	Jan. 20, 1969	4.04	10	2.15	Mar. 12	3.58
23	3.77	24	3.57	17	3.42	23	3.59
Mar. 1	3.76	31	3.41	24	3.25	26	3.60
11	3.53	Feb. 7	3.75	May 5	3.37	Apr. 2	1.92
15	3.56	14	3.96	11	3.57	3	3.59
22	3.24	21	4.02	18	3.28	30	3.42
Apr. 5	2.61	Mar. 7	3.97	June 5	3.66	May 7	3.42
12	3.64	19	3.95	12	3.47	14	2.58
19	3.71	21	2.04	22	3.31	21	3.30
26	3.20	28	3.57	26	3.56	28	3.58
May 3	3.58	Apr. 18	3.57	July 3	3.57	June 11	3.4
10	3.58	25	3.28	14	3.78	18	3.65
17	3.46	May 9	2.80	17	3.65	18	4.57
24	3.16	16	3.66	24	4.36	28	4.08
31	2.20	22	3.58	31	3.58	July 12	4.38
June 7	3.57	June 6	3.75	Aug. 7	4.18	16	4.58
17	3.47	13	4.09	14	4.39	23	4.63
21	3.45	20	3.54	21	4.33	30	3.82
28	2.61	July 11	3.84	28	4.25	Aug. 1	3.43
July 19	4.30	18	3.54	4	4.32	6	3.75
24	4.03	25	3.87	11	4.42	20	4.40
26	3.95	Aug. 5	3.23	21	4.58	27	3.46
Aug. 2	4.10	8	3.50	25	4.83	Sept. 3	3.68
11	4.67	15	3.71	Oct. 2	5.50	10	3.88
19	4.79	29	3.79	12	5.13	17	3.47
23	4.86	Sept. 15	3.85	16	4.29	Oct. 6	3.59
30	5.26	19	3.90	24	3.88	19	3.55
Sept. 13	3.92	26	4.16	30	4.04	22	3.58
20	4.32	Oct. 3	3.79	Nov. 3	3.93	29	3.45
Oct. 5	5.05	10	4.15	13	2.19	Nov. 5	3.36
11	4.81	17	4.32	20	3.62	12	3.42
18	5.02	24	4.33	27	3.72	19	3.52
25	4.10	Nov. 14	3.40	Dec. 4	3.44	Dec. 15	3.32
31	4.45	21	3.26	18	3.85	29	3.62
Nov. 8	3.80	Dec. 8	3.59	26	3.76	Jan. 7, 1972	3.64

411310N0753755.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 17, 1972	3.58	Apr. 21, 1972	2.90	Aug. 4, 1972	5.55	Oct. 16, 1972	5.90
21	3.61	May 5	2.75	11	4.15	Nov. 3	4.30
Feb. 3	3.70	16	3.25	18	4.45	10	3.17
11	3.80	June 3	3.25	25	5.08	24	3.74
18	3.59	9	3.48	Sept. 1	5.10	Dec. 9	2.13
Mar. 17	1.62	16	3.52	13	5.89	15	3.70
24	3.17	July 7	3.39	22	5.75	22	1.80
Apr. 11	3.55	20	3.50	29	5.89	29	3.72
14	3.35	28	3.97	Oct. 13	5.34		

Lancaster County

400947N0763309.1. Local number Ln-242. Paul Wolgemuth. R.D. #3, Elizabethtown. Drilled unused artesian well in sandstone of New Oxford Formation, Triassic age, diam 6 in, depth 300 ft, cased to 39. Lsd 565 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 1.45 below lsd, June 4, 1968; lowest 16.70 below lsd, Nov. 21-24, 1964. Records available: 1963-68. Measurement discontinued. Water levels affected by nearby pumping.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	9.49	11.19	8.48	9.72	2.20	9.99	13.78	13.50	13.17	13.80	12.99
10	12.08	9.36	11.45	9.03	10.50	5.40	11.53	12.15	13.22	13.20	13.95	13.00
15	12.07	10.63	11.75	9.35	10.65	7.00	11.11	12.35	11.27	13.48	13.37	13.05
20	11.10	9.85	9.97	9.32	10.50	8.10	11.43	12.75	12.20	13.55	12.75	.....
25	11.30	10.50	7.95	9.97	10.25	8.99	11.87	12.79	12.70	13.33	12.99	.....
Eom	10.80	10.98	7.80	9.40	2.60	9.29	11.94	13.39	12.92	13.52	13.05	.....

400505N0762354.2. Local number Ln-514. Benjamin Landis. Near Landisville. Drilled unused artesian well in shale and limestone of Kinzers Formation, Cambrian age, diam 6 in, depth 260 ft, casing information not available. Lsd 380 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 21.75 below lsd, Apr. 4, 1970; lowest 34.68 below lsd, Dec. 1, 1969. Records available: 1964-72.

Lowest water level for the day, from recorder graph, 1964												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	32.10	29.71	31.07	24.86	32.80	33.29	33.38	33.50	33.56	33.68	33.62
10	.....	32.48	29.77	31.56	26.37	32.91	33.31	33.41	33.51	33.55	33.68	33.72
15	.....	32.73	30.47	.....	.....	33.02	33.31	33.40	33.51	33.57	33.72	33.64
20	.....	32.90	31.12	30.31	30.20	33.13	33.36	33.43	33.52	33.58	33.74	33.72
25	32.13	33.04	30.79	29.09	31.58	33.22	33.33	33.33	33.53	33.62	33.77	33.75
Eom	30.94	33.10	30.36	29.20	32.59	33.24	33.34	33.47	33.51	33.70	33.78	33.50

1965												
5	33.56	33.49	33.29	32.94	33.22	33.23	33.38	33.41	33.48	33.55	33.62	33.73
10	33.40	32.78	32.79	33.02	33.24	33.26	33.40	33.40	33.51	33.50	33.68	33.76
15	33.49	32.87	33.04	33.08	33.27	33.27	33.36	33.44	33.47	33.54	33.66	33.72
20	33.52	33.09	33.14	33.14	33.22	33.34	33.37	33.48	33.54	33.54	33.68	33.81
25	33.52	33.14	33.15	33.18	33.22	33.38	33.43	33.46	33.50	33.57	33.69	33.76
Eom	33.49	33.18	32.94	33.19	33.26	33.39	33.44	33.46	33.55	33.59	33.69	33.78

1966												
5	33.74	33.82	31.74	33.29	33.05	33.28	33.36	33.48	33.50	33.45	33.45	33.47
10	33.64	33.79	32.55	33.31	33.13	33.32	33.36	33.49	33.55	33.50	33.46	33.54
15	33.71	32.83	32.88	33.30	33.18	33.30	33.40	33.54	32.90	33.55	33.47	33.50
20	33.77	32.65	33.11	33.34	33.20	33.33	33.41	33.55	33.36	33.33	33.51	33.45
25	33.77	32.98	33.16	33.24	33.24	33.35	33.46	33.48	33.46	33.51	33.61	33.46
Eom	33.79	33.09	33.25	33.16	33.27	33.35	33.47	33.50	33.49	33.54	33.34	33.32

1967												
5	33.35	33.17	33.17	32.53	33.06	33.06	33.04	33.10	33.19	.....	33.30	32.76
10	32.77	33.21	29.02	32.73	32.81	33.10	33.12	32.78	33.20	.....	33.35	33.13
15	33.15	33.24	29.81	32.84	32.82	33.15	32.90	32.95	33.24	.....	33.47	32.30
20	33.28	33.14	31.13	32.90	32.87	.....	33.11	33.12	33.27	.....	33.37	32.26
25	33.30	33.15	31.62	33.03	32.95	.....	33.13	33.14	33.27	33.35	33.35	32.91
Eom	33.09	33.17	32.05	33.01	33.00	33.13	33.19	33.10	.....	33.36	33.41	32.91

1968												
5	33.05	32.38	33.06	32.73	33.11	32.40	30.80	32.84	33.12	33.16	33.27	33.06
10	33.11	32.57	33.10	32.86	33.14	32.69	31.76	32.81	33.11	33.16	33.27	33.11
15	32.58	32.76	33.10	32.94	33.16	31.92	32.39	32.90	32.61	33.19	33.10	32.90
20	32.46	33.06	32.23	33.02	33.17	32.47	32.51	32.98	32.86	33.14	32.73	33.14
25	32.61	32.98	32.14	33.02	33.16	31.30	32.60	33.03	33.04	33.18	33.02	33.12
Eom	32.62	33.01	32.56	33.08	31.92	29.81	32.76	33.06	33.09	33.25	33.13	33.15

1969												
5	33.19	33.09	33.21	33.18	33.33	33.33	33.38	33.18	33.18	33.44	33.54	33.62
10	33.21	33.23	33.22	33.21	33.33	33.36	33.41	33.25	33.20	33.46	33.52	33.50
15	33.26	33.28	33.28	33.23	33.37	33.36	33.38	33.30	33.29	33.46	33.47	33.08
20	33.27	33.30	33.30	33.21	33.34	33.37	33.36	33.29	33.34	33.49	33.37	33.24
25	33.25	33.14	33.24	33.31	.....	33.40	33.28	33.36	33.38	33.53	33.56	33.26
Eom	33.25	33.16	33.13	33.22	33.47	33.39	33.21	33.36	33.40	33.53	34.23	33.62

400505N0762354.2--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	32.72	.....	29.52	22.09	.....	32.83	33.01	32.54	33.14	33.36	33.20	33.26
10	33.00	.....	30.52	23.80	.....	32.90	32.02	32.73	33.16	33.42	34.09	33.32
15	33.12	.....	31.34	25.55	.....	33.00	31.66	32.90	33.22	33.36	33.90	33.28
20	.....	.....	31.96	26.37	.....	33.04	32.46	32.94	33.22	33.39	33.37	33.08
25	.....	.....	30.59	.....	32.40	32.85	32.71	33.07	33.33	33.36	33.19	31.98
Eom	.....	.....	30.12	.....	32.76	.....	32.85	33.10	.....	34.03	33.21	32.76
1971												
5	32.14	33.00	29.02	32.33	33.05	32.46	31.76	.....	32.51	32.77	32.95	30.44
10	31.91	32.56	27.79	32.62	33.01	32.58	32.43	.....	32.78	32.85	32.00	31.00
15	32.50	.....	28.70	32.81	32.78	32.77	32.67	31.71	32.84	32.91	33.06	31.71
20	32.81	.....	29.50	32.89	32.85	32.89	32.72	30.51	32.81	32.99	33.10	32.35
25	32.93	30.64	30.31	32.96	32.97	30.44	32.82	31.80	32.79	32.97	33.07	32.65
Eom	32.94	29.82	31.44	33.00	32.80	31.48	32.50	31.83	32.83	33.08	30.00	32.73
1972												
5	32.60	32.37	27.68	31.61	31.29	32.25	22.74	31.11	32.94	33.14	33.22	32.92
10	32.23	32.68	28.59	32.99	30.90	32.55	25.04	32.06	33.00	33.15	33.11	31.10
15	32.52	32.87	29.79	32.42	30.19	32.56	24.44	32.50	33.01	33.16	33.20	30.46
20	32.60	32.19	29.51	30.78	30.79	32.59	26.14	32.66	33.07	33.18	32.32	28.62
25	32.65	32.46	29.90	30.97	31.52	.....	27.84	32.86	33.09	33.20	32.89	26.32
Eom	32.80	31.78	30.84	31.52	32.16	.....	29.82	32.87	33.11	33.19	32.93	27.58

Lawrence County

410538N0802808.1. Local number La-1201. U.S. Geol. Survey. State Game Land No. 150. Near Pulaski. Drilled observation artesian well in shale and sandstone of lower part of Connoquessing Formation, Pennsylvanian age, diam 6 in, depth 150 ft, cased to 30. Lsd 1,140 ft above msl. MP top of plywood cover, 3.45 ft above lsd. Highest water level 13.56 below lsd, Feb. 27, 1971; lowest 19.95 below lsd, Nov. 16, 1967. Records available: 1967-72.

Lowest water level for the day, from recorder graph, 1967												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.80
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.89	17.90
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.92	17.30
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.83	17.09
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.42	16.71
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19.23	16.99
1968												
5	17.28	14.70	.....	15.28	.....	15.15	18.30	17.70	17.49	18.23	17.03	14.75
10	17.48	15.70	.....	15.80	.....	15.72	17.49	16.50	17.55	18.31	16.99	15.22
15	.....	.....	17.30	.....	.....	16.20	17.70	16.60	17.72	18.37	16.80	15.45
20	17.91	.....	15.92	.....	.....	16.50	17.80	16.75	17.89	17.40	15.19	15.65
25	18.00	.....	14.70	.....	14.90	.....	17.62	.....	18.10	17.10	15.25	15.52
Eom	15.90	.....	15.10	.....	14.62	17.02	17.60	17.25	18.19	17.03	15.13	14.20
1969												
5	15.30	14.80	.....	15.60	16.50	16.93	17.81	18.00	18.56	18.92	19.00	18.20
10	15.97	15.37	.....	15.00	15.71	17.16	17.62	18.10	18.62	19.00	19.02	17.30
15	16.43	15.71	.....	15.50	15.88	17.31	17.74	18.28	18.72	19.05	19.02	16.51
20	16.00	.....	16.72	15.90	16.00	17.50	18.03	18.14	18.82	19.08	18.50	16.48
25	15.71	.....	16.45	16.00	16.30	17.63	18.11	18.30	18.85	19.12	18.20	16.56
Eom	15.30	.....	16.03	16.25	16.70	17.82	17.90	18.47	18.92	19.15	18.06	16.65
1970												
5	16.60	14.87	15.60	14.78	16.43	16.71	.....	.....	.....	18.09	14.85	.....
10	16.71	15.07	15.10	15.46	16.60	17.03	.....	.....	.....	18.11	15.29	.....
15	16.92	15.33	15.71	16.09	16.55	17.20	.....	.....	.....	17.55	14.95	.....
20	16.74	15.61	15.80	16.10	15.23	.....	.....	.....	17.95	17.00	14.80	.....
25	16.87	15.70	15.00	16.25	15.80	.....	.....	.....	18.00	16.51	.....	.....
Eom	15.62	.....	15.48	.....	16.45	.....	.....	.....	.....	16.20	.....	15.23
1971												
5	14.80	16.30	14.48	15.45	16.60	16.86	17.35	17.71	18.15	18.32	18.61	18.00
10	15.42	15.87	14.35	15.80	16.12	16.92	17.52	17.78	18.19	18.32	18.60	16.11
15	15.57	15.83	13.90	15.97	16.06	16.97	17.40	17.90	18.23	18.43	18.70	15.75
20	15.87	15.30	14.36	16.08	16.21	17.20	17.52	17.91	18.22	18.50	18.63	15.32
25	16.09	13.62	14.78	16.28	16.40	17.10	17.52	17.97	18.28	18.48	18.69	15.45
Eom	16.29	13.60	15.03	16.48	16.69	17.23	17.63	18.09	18.30	18.55	18.20	15.13
1972												
5	15.52	17.03	15.20	16.23	15.55	15.77	15.21	17.15	17.74	16.61	16.25	14.85
10	15.85	17.22	15.18	16.23	15.95	16.01	.....	17.45	17.84	16.82	15.43	14.37
15	16.19	16.66	14.53	16.10	16.35	16.11	15.75	.....	17.74	16.90	14.49	14.20
20	16.65	16.24	14.85	14.30	16.48	15.80	15.81	17.41	15.65	17.14	14.53	14.48
25	16.50	16.22	15.33	14.92	16.90	14.98	16.38	17.51	16.77	17.25	14.77	14.47
Eom	16.85	15.53	15.93	15.92	17.00	15.03	16.81	17.66	16.69	17.40	14.95	14.86

Lebanon County

402023N0752609.1. Local number Lb-377. Levitz Frozen Foods. Lebanon. Drilled unused artesian well in dolomite (previously reported limestone) of Ontelaunee Formation, Ordovician age, diam 8 in, depth 204 ft, cased to 30. Lsd 460 ft above msl. MP top of casing, 4.10 ft above lsd. Highest water level 4.79 below lsd, Feb. 25, 1965; lowest 11.85 below lsd, Nov. 23, 1966. Records available: 1962-72.

402023N0752609.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1968	7.34	Apr. 24, 1969	9.22	July 25, 1970	7.12	Oct. 29, 1971	9.62
Feb. 22	6.29	May 26	9.87	Aug. 25	7.90	Nov. 24	9.71
Mar. 22	8.04	June 26	9.47	Sept. 24	9.99	Dec. 30	7.69
Apr. 24	7.08	July 25	7.16	Oct. 24	6.63	Jan. 27, 1972	7.32
May 24	9.02	Aug. 28	8.50	Nov. 25	8.25	February	7.02
June 25	8.08	Sept. 26	8.90	Dec. 24	8.11	March	6.51
July 25	9.35	Oct. 28	9.67	Jan. 20, 1971	8.57	April	6.98
Aug. 23	10.30	Nov. 25	9.78	Feb. 25	5.92	May	6.88
Sept. 23	9.15	Dec. 18	8.73	Mar. 26	6.67	July 27	8.29
Oct. 24	9.95	Jan. 12, 1970	9.13	Apr. 27	8.59	Aug. 29	9.98
Nov. 26	9.23	Feb. 26	9.52	May 27	8.50	Sept. 26	11.18
Dec. 20	8.90	Mar. 26	7.05	June 29	9.50	Oct. 27	11.74
Jan. 23, 1969	8.34	Apr. 24	5.55	July 29	9.20	Nov. 28	9.20
Feb. 25	9.50	May 26	7.78	Aug. 27	7.88	Dec. 27	6.96
Mar. 27	9.06	June 25	6.77	Sept. 30	9.22		

Lehigh County

403226N0753430.1. Local number Le-860. Paul Knepper. Lower Macungie Township. Drilled observation artesian well in Allentown Dolomite, Cambrian age, diam 6 in, depth 100 ft, cased to 58. Lsd 358 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 1.28 below lsd, June 27, 1972; lowest 10.46 below lsd, July 23, 1969. Records available: 1967-72.

Lowest water level for the day, from recorder graph, 1967												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	5.46	5.68	6.74	6.92	7.13
10	....	....	....	....	....	....	5.88	5.26	5.82	7.10	7.46	7.01
15	....	....	....	....	....	....	5.70	5.40	5.97	7.20	7.40	6.00
20	....	....	....	....	....	....	5.82	5.50	6.11	7.20	8.02	5.97
25	....	....	....	....	....	....	5.83	5.62	6.32	7.59	8.08	5.88
Eom	....	....	....	....	....	....	5.36	5.46	6.40	7.53	8.40	5.88
1968												
5	6.04	4.66	5.37	4.70	5.00	4.34	4.61	5.40	6.30	7.90	9.41	8.66
10	5.92	4.84	5.42	4.79	5.12	4.50	4.71	5.52	6.39	8.12	9.57	9.26
15	5.56	4.96	5.18	4.87	5.18	4.50	....	5.71	6.53	8.42	9.36	9.41
20	5.45	5.05	4.36	4.98	5.26	4.50	....	5.81	6.81	8.63	8.25	9.52
25	5.63	5.23	4.50	4.70	5.28	4.40	....	5.92	7.21	8.82	8.98	9.66
Eom	5.36	5.23	4.60	4.81	4.60	4.50	....	6.18	7.56	9.16	9.40	9.79
1969												
5	....	....	....	....	....	8.70	9.50	3.60	4.75	5.65	....	7.36
10	....	....	....	....	....	9.03	9.83	3.98	4.98	5.75	....	7.00
15	....	....	....	....	....	9.13	9.98	4.22	5.14	5.87	....	6.10
20	....	....	....	....	....	7.83	10.32	4.30	5.25	5.97	....	6.21
25	....	....	....	....	....	8.57	9.68	....	5.42	6.15	6.70	6.13
Eom	....	....	....	....	....	9.05	3.62	4.80	5.53	6.30	6.90	5.86
1970												
5	5.90	3.87	4.48	2.30	3.87	4.51	5.03	5.80	7.07	8.54	8.04	5.51
10	5.86	4.45	4.61	3.25	4.03	4.69	5.15	5.92	7.39	8.88	8.12	5.67
15	5.94	4.11	4.70	3.33	4.17	4.82	5.20	6.15	7.47	9.10	5.63	5.68
20	....	4.28	4.80	3.52	4.28	4.83	5.35	6.39	7.72	9.30	5.40	5.36
25	5.91	4.30	4.64	3.69	4.37	4.90	5.42	6.40	8.10	7.84	5.40	5.30
Eom	5.81	....	4.61	....	4.50	....	5.61	6.75	....	8.47	5.40	5.41
1971												
5	5.20	5.60	3.49	4.02	4.40	4.06	4.96	2.72	3.62	3.87	3.69	3.40
10	5.15	4.72	3.29	4.00	4.43	4.16	5.12	3.45	3.80	3.96	3.81	3.23
15	5.20	3.66	3.55	4.11	4.08	4.30	5.24	3.86	3.08	3.96	4.00	3.40
20	5.33	3.58	3.20	4.22	4.23	4.48	5.19	4.16	3.32	4.21	4.02	3.5
25	5.37	3.14	3.70	4.28	4.32	4.70	5.38	4.50	3.41	5.06	4.18	3.6
Eom	5.42	3.11	4.07	4.32	4.48	4.77	5.37	3.38	3.68	4.20	3.30	3.86
1972												
5	3.72	4.00	2.87	3.37	3.75	3.82	2.20	3.52	4.29	4.97	5.4	3.73
10	3.70	4.17	3.25	3.48	3.62	4.00	2.58	3.70	4.39	5.02	4.6	2.87
15	3.77	3.63	3.30	3.55	3.77	4.09	2.76	3.83	4.49	5.12	3.5	2.98
20	3.83	3.95	2.96	3.58	3.85	3.53	2.93	3.97	4.60	5.25	3.9	2.99
25	3.91	4.02	2.95	3.69	4.02	....	3.15	4.10	4.73	5.30	4.1	2.65
Eom	4.03	4.00	3.15	3.83	4.08	1.64	3.36	4.19	4.85	5.3	3.68	2.90

Luzerne County

411800N0761625.1. Local number Lu-243. Commonwealth of Pennsylvania. Ricketts Glen State Park. Fairmount Township. Drilled unused water-table well in sandstone (previously reported shale and sandstone) of Catskill Formation, Mississippian and Devonian age, diam 6 in, depth 160 ft, cased to 40. Lsd 1,280 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 36.08 below lsd, Mar. 31, 1950; lowest 58.70 below lsd, Oct. 5, 1957. Records available: 1948-50, 1955-72.

411800N0761625.1--Continued.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	53.30	52.46	54.46	51.79	53.37	52.08	52.90	55.13	55.87	55.36	55.1	51.46
10	53.62	52.10	54.36	52.79	53.38	52.04	53.46	55.15	55.50	55.42	54.38	51.06
15	53.72	52.44	54.40	53.12	51.94	51.66	53.91	55.31	54.50	55.62	53.6	51.66
20	52.76	52.98	52.72	53.35	51.82	51.75	54.11	55.36	54.51	55.3	51.50	52.40
25	53.82	53.45	51.41	53.62	51.57	52.54	54.37	56.01	54.82	55.26	51.20	52.79
Eom	53.96	54.09	51.41	53.60	50.86	52.86	54.83	56.00	55.19	55.1	51.88	52.60
1969												
5	52.58	52.98	.....	52.08	51.81	52.91	.....	.....	53.89	55.07	55.88	52.72
10	52.93	53.17	.....	50.54	52.24	53.34	.....	.....	.....	54.82	52.46	52.92
15	53.55	53.50	.....	51.08	51.79	53.56	.....	.....	.....	55.24	51.92	51.35
20	53.67	53.74	54.32	51.36	52.12	53.86	.....	.....	.....	55.46	52.28	51.74
25	53.86	.....	53.70	50.87	51.38	54.20	54.80	53.45	54.82	55.36	52.28	52.03
Eom	53.56	.....	52.22	51.01	52.46	54.35	.....	54.20	54.99	55.36	52.17	52.48
1970												
5	52.93	52.70	52.49	49.04	51.76	53.02	.....	.....	.....	55.04	53.67	51.80
10	53.10	51.80	52.62	49.18	52.49	53.48	.....	.....	.....	55.72	53.74	52.08
15	53.41	51.34	52.80	49.87	52.53	54.10	.....	.....	.....	55.02	51.20	52.08
20	.....	51.69	52.89	50.72	51.80	.....	.....	.....	.....	54.58	50.47	52.01
25	53.86	51.99	52.77	50.90	52.08	.....	53.70	.....	55.44	53.48	51.99	51.99
Eom	53.94	.....	50.80	.....	53.02	.....	.....	.....	.....	53.33	51.20	52.22
1971												
5	52.43	53.62	49.79	50.80	.....	.....	54.93	53.86	55.76	55.5	55.32	53.43
10	52.09	53.78	50.43	50.61	.....	.....	55.03	54.10	55.31	55.6	55.09	51.08
15	52.32	52.00	50.81	50.85	.....	.....	55.00	54.59	55.25	55.4	55.16	50.38
20	52.57	51.10	49.57	51.65	.....	.....	54.94	54.86	55.34	55.6	55.08	50.61
25	.....	50.43	50.55	52.36	.....	50.44	55.37	54.89	55.65	55.9	54.9	51.36
Eom	53.38	49.98	51.27	.....	.....	54.63	54.70	54.94	55.40	55.78	54.56	.....
1972												
5	.....	51.42	.....	51.0	50.60	.....	50.60	54.08	55.02	55.78	55.56	51.08
10	.....	51.96	.....	51.44	49.95	.....	51.85	53.96	55.31	55.72	54.18	49.70
15	.....	51.96	.....	51.37	50.36	.....	52.52	54.26	55.23	55.93	52.49	49.98
20	.....	51.56	.....	49.69	50.77	.....	52.78	54.89	55.32	55.79	51.32	50.86
25	.....	51.94	.....	50.29	.....	.....	.....	54.85	55.52	55.72	51.42	49.80
Eom	51.12	52.2	50.46	51.37	.....	h48.89	53.67	54.67	55.56	55.64	50.78	50.32

h Tape measurement.

411757N0755058.1. Local number Lu-309. U.S. Geol. Survey. Pittston. Drilled observation
 artesian well in sand and gravel of glacial outwash, Quaternary age, diam 6 in, depth 40 ft, cased
 to 35. lsd 540 ft above mal. MP top of casing, 2.60 ft above lsd. Highest water level 6.64 below
 lsd, June 30, 1972; lowest 21.44 below lsd, Oct. 26, 1969. Records available: 1967-72.

Lowest water level for the day, from recorder graph, 1967												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	19.24	16.91	18.49	.....	.....	.....	.....	18.90	18.86	20.01	16.54	16.39
10	19.31	16.86	18.51	.....	.....	.....	.....	18.20	19.27	20.24	15.43	16.43
15	19.36	16.80	16.75	14.48	.....	.....	.....	18.49	19.47	20.43	16.15	16.03
20	19.49	17.13	14.72	15.04	.....	.....	18.88	19.02	19.70	20.47	16.61	15.55
25	19.66	17.57	15.56	.....	.....	.....	19.24	19.43	19.91	18.17	16.92	15.96
Eom	17.52	18.04	14.52	.....	.....	.....	19.15	18.84	20.04	17.97	15.97	16.83
1968												
5	17.66	16.00	19.00	.....	17.96	13.70	15.33	19.65	20.84	20.42	.....	15.25
10	18.19	15.90	19.32	.....	18.09	15.03	16.42	19.95	20.75	20.68	.....	14.95
15	18.48	16.50	19.28	.....	17.43	15.60	17.32	20.11	19.50	20.76	.....	16.08
20	18.61	17.47	17.80	.....	16.63	15.73	18.07	20.37	19.20	20.80	16.10	.....
25	18.70	18.19	13.40	17.50	15.50	16.50	18.62	20.59	19.65	20.75	14.35	.....
Eom	18.85	18.52	12.60	17.72	15.70	16.00	19.25	20.69	20.10	.....	15.17	.....
1969												
5	.....	16.35	18.97	15.85	15.56	17.99	17.95	18.66	20.08	21.29	21.43	18.17
10	.....	17.22	19.30	13.35	16.45	18.28	18.58	18.73	20.33	21.25	20.5	18.41
15	.....	18.09	e19.62	14.00	17.20	18.63	19.00	18.72	20.55	21.29	19.2	17.70
20	.....	18.70	19.83	15.10	.....	17.21	19.25	18.89	20.78	21.40	17.91	16.47
25	17.42	18.50	18.38	14.40	16.62	17.43	19.28	19.10	21.04	21.43	17.65	e17.08
Eom	17.50	18.65	15.45	14.50	17.40	17.40	18.91	19.67	21.21	21.41	17.75	e17.38
1970												
5	e17.67	17.25	.....	.....	13.	17.09	.....	19.70	20.86	20.62	19.25	17.63
10	e17.88	15.40	.....	.....	14.	17.68	19.62	19.98	20.96	20.62	19.43	17.80
15	e18.13	15.03	.....	.....	15.	18.30	19.80	20.32	21.17	20.75	19.30	17.96
20	e18.50	.....	h18.03	.....	15.	18.86	19.70	20.65	21.20	20.33	17.00	18.08
25	18.60	.....	17.82	12.04	16.40	.....	19.19	20.83	20.85	19.78	16.70	17.73
Eom	18.75	.....	14.30	.....	.....	.....	19.47	20.00	.....	19.20	17.31	17.90
1971												
5	18.28	.....	.....	.....	14.72	17.56	20.00	19.63	20.43	20.70	20.78	19.63
10	17.00	.....	.....	.....	15.00	18.12	20.17	19.08	20.60	20.88	20.65	18.40
15	.....	.....	14.07	12.16	14.90	18.67	20.49	19.54	20.70	20.83	20.58	15.40
20	.....	.....	.....	12.15	15.24	18.87	20.73	20.03	20.60	20.80	20.53	15.25
25	.....	.....	.....	13.61	15.82	19.25	20.91	20.48	20.53	20.92	20.50	16.03
Eom	.....	13.80	.....	14.71	16.64	19.68	20.78	20.48	20.55	20.89	20.34	16.41
1972												
5	15.73	17.05	15.10	.....	13.92	14.79	10.10	.....	.....	20.40	20.20	14.59
10	16.21	17.70	13.08	.....	12.73	14.89	12.4	.....	19.64	20.30	18.80	11.32
15	16.49	18.05	13.99	.....	.....	15.59	13.3	.....	19.90	20.17	14.80	.....
20	16.20	17.92	12.65	10.35	12.61	15.65	14.3	.....	20.05	20.37	13.77	.....
25	16.41	18.35	10.52	10.40	13.94	.....	15.2	.....	20.12	20.49	14.64	12.11
Eom	16.43	18.43	11.30	12.72	15.46	h6.64	.....	.....	20.31	20.50	13.90	12.89

e Estimated.

h Tape measurement.

Lycoming County

412428N0765942.1. Local number Ly-112. U.S. Geol. Survey. State Game Land No. 133, near Trout Run. Drilled observation artesian well in shale of Susquehanna Group, Devonian age, diam 6 in, depth 200 ft, cased to 19. Lsd 1,380 ft above msl. MP top of plywood cover, 3.07 ft above lsd. Highest water level 76.10 below lsd, June 23, 1972; lowest 93.45 below lsd, Mar. 20, 1969. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	85.50	.....
10	87.10	.....
15	89.90	88.00	.....
20	87.20	.....	87.52
25	86.90	.....	88.05
Eom	86.48	.....	88.91

1968

5	89.49	.....	.....	87.25	.....	86.40	88.71	91.36	92.78	.....	88.50	86.80
10	.....	.....	.....	88.07	.....	87.50	89.23	91.30	90.65	.....	85.19	86.60
15	.....	h88.00	.....	88.60	.....	86.29	89.29	91.57	85.80	90.4	86.50	87.50
20	88.11	.....	89.45	89.18	.....	86.45	90.22	91.90	87.50	90.5	83.75	88.60
25	.....	.....	85.79	89.40	87.79	87.56	90.56	92.17	88.21	89.90	86.00	89.30
Eom	.....	.....	86.40	89.70	85.53	88.28	90.98	92.50	.....	87.93	87.42	88.90

1969

5	89.21	91.20	92.75	91.53	88.18	.....	90.73	86.66	89.60	90.62	89.70	88.49
10	89.80	91.73	92.93	87.30	.....	.....	90.10	87.72	90.20	90.60	86.12	88.87
15	90.62	92.21	93.38	88.12	.....	.....	90.07	88.53	90.78	90.99	86.90	85.65
20	90.90	92.42	93.45	88.50	.....	89.38	.....	88.05	91.07	91.27	87.33	86.99
25	90.61	92.35	93.28	87.70	89.05	89.64	88.50	88.46	91.10	91.65	86.75	87.96
Eom	90.95	92.55	92.20	87.60	89.41	90.09	84.60	89.25	91.53	91.91	87.30	88.66

1970

5	89.10	.....	86.74	84.00	.....	88.59	89.32	.....	.....	.....	.....	87.28
10	89.16	.....	86.33	85.84	.....	89.15	89.60	.....	.....	.....	.....	87.1
15	89.48	.....	87.13	87.30	.....	89.63	89.74	90.4	.....	88.80	82.91	.....
20	.....	87.35	88.12	88.05	.....	88.28	89.80	.....	.....	87.42	84.36	.....
25	89.50	85.90	86.50	.....	89.35	88.15	90.	.....	e84.0	.....	.....	86.32
Eom	89.30	.....	85.50	.....	88.20	.....	90.4	.....	.....	.....	.....	87.20

1971

5	87.65	90.0	84.56	86.80	89.50	89.28	90.90	.....	.....	87.34	85.85	88.80
10	87.40	90.25	85.40	87.56	89.58	89.69	91.10	.....	.....	87.90	86.68	85.70
15	87.89	88.0	85.42	88.12	88.30	89.90	91.26	.....	.....	88.12	87.63	86.77
20	88.50	86.79	84.22	88.56	87.73	89.97	91.49	.....	.....	88.50	89.86	87.23
25	.....	84.22	86.07	88.92	88.13	90.26	91.64	h91.86	.....	88.46	90.22	88.45
Eom	89.42	83.25	86.31	89.32	88.80	90.61	91.81	.....	87.21	86.39	90.10	88.99

1972

5	88.08	89.32	86.15	88.2	.....	88.88	86.30	90.0	91.92	92.45	90.85	.....
10	88.69	90.13	87.30	88.43	.....	89.29	87.4	90.60	92.32	92.02	87.55	.....
15	88.00	89.73	87.27	88.23	.....	89.71	87.87	90.88	92.40	92.20	86.70	.....
20	88.16	89.69	86.76	85.56	.....	87.75	87.03	91.20	93.30	92.73	86.80	.....
25	88.50	90.17	86.40	87.21	88.20	.....	88.20	91.56	92.20	92.79	.....	85.14
Eom	88.27	90.55	88.10	88.41	88.98	h84.97	89.48	91.66	92.38	92.84	.....	86.88

e Estimated.

h Tape measurement.

Mercer County

412350N0802237.1. Local number Mr-1364. Borough of Greenville. Greenville. Drilled unused artesian well in Cussewago Sandstone, Mississippian age, diam 6 in, depth 235 ft, cased to 41. Lsd 965 ft above msl. MP top of plywood cover, 2.10 ft above lsd. Highest water level 1.43 below lsd, Dec. 25, 1968; lowest 7.72 below lsd, Sept. 25, 1966. Records available: 1965-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.90	3.68	4.32	3.18	3.88	3.98	4.40	4.80	4.90	4.90	4.55	2.28
10	3.95	3.32	3.80	3.92	4.30	4.25	4.25	4.42	4.95	4.88	3.36	2.70
15	4.53	3.78	4.25	3.93	3.42	3.91	5.15	4.75	5.07	5.00	3.35	3.00
20	3.80	3.65	3.65	3.75	3.60	4.30	4.65	5.35	4.81	4.52	2.64	2.32
25	3.90	4.15	3.59	.....	4.00	4.05	4.55	5.10	4.88	4.60	2.50	1.43
Eom	2.28	3.77	3.75	3.60	3.94	4.09	4.73	4.99	5.00	4.61	2.82	2.30

1969

5	2.33	2.30	3.30	2.92	3.33	3.41	3.31	3.88	4.30	4.26	3.85	3.77
10	2.71	3.01	3.63	2.96	2.96	3.41	3.20	4.06	4.46	4.21	4.95	3.28
15	2.20	3.02	3.51	2.43	3.23	3.80	3.43	4.06	4.90	4.25	4.12	4.09
20	2.40	3.30	3.20	2.29	2.80	3.31	3.53	4.18	5.11	4.63	3.30	3.20
25	2.72	3.08	3.06	3.12	3.28	3.93	3.48	4.48	4.10	4.30	3.41	3.44
Eom	1.71	3.20	3.70	3.08	3.52	3.94	3.84	4.20	4.85	5.00	3.52	3.73

1970

5	3.66	3.33	2.70	3.04	3.61	3.92	4.07	4.25	5.62	4.75	3.60	2.98
10	.....	3.29	3.13	3.18	3.81	4.47	5.15	4.54	4.64	4.65	3.75	3.79
15	.....	.....	3.51	3.40	4.74	4.28	3.95	4.55	4.40	4.15	3.25	3.50
20	4.00	3.50	3.19	3.24	4.07	3.89	4.89	4.49	4.50	4.79	4.30	3.79
25	3.75	3.40	3.10	3.58	4.62	3.97	4.21	4.65	4.80	4.28	3.59	3.39
Eom	3.29	3.78	3.53	3.77	4.33	4.00	4.06	5.83	4.72	3.51	3.48	3.70

412350N0802237.1--Continued.

1971												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	3.42	3.40	3.12	3.69	3.80	....	4.55	4.95	5.05	4.68	4.76	4.82
10	3.65	3.70	3.19	3.82	4.38	....	4.53	4.51	5.10	4.60	4.92	4.22
15	3.51	4.72	3.04	3.71	4.05	....	4.25	4.82	....	5.20	5.08	3.73
20	3.70	2.37	3.00	3.70	4.10	4.28	4.85	5.04	5.01	4.78	4.66	4.99
25	4.81	2.70	3.12	3.99	3.81	4.30	4.50	5.00	6.08	4.91	4.90	4.05
Eom	3.87	3.19	3.32	4.09	....	4.36	4.99	6.13	4.67	5.37	4.96	3.35
1972												
5	3.72	3.91	3.10	3.44	....	4.55	3.05	4.32	4.60	4.21	4.33	3.51
10	4.47	3.90	3.46	4.00	....	4.41	3.42	4.31	5.01	4.64	3.55	3.45
15	3.92	3.35	2.68	3.41	....	4.11	3.50	5.60	4.45	4.64	3.23	3.15
20	3.71	3.80	3.32	3.35	4.33	4.17	4.03	4.80	4.52	4.42	h4.06	4.06
25	3.89	3.67	2.81	....	4.05	3.00	4.06	4.66	5.45	4.23	3.69	3.11
Eom	4.09	3.18	3.10	....	3.90	3.57	5.30	4.74	4.06	4.50	3.51	3.31
h Tape measurement.												

h Tape measurement.

Mifflin County

404210N0773310.1. Local number Mf-1. Charles C. Naginey. Village of Naginey. Dug unused water-table well in limestone of Ordovician age (previously reported of Cambrian or Ordovician age), diam 36 in, depth 28 ft, cased with stone. Lsd 680 ft above msl. MP top of wooden cover, at lsd. Highest water level 5.88 below lsd, Dec. 4, 1950; lowest 24.93 below lsd, Oct. 30, 1972. Records available: 1941-42, 1946-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1968	19.59	Mar. 21, 1969	20.26	June 13, 1970	17.90	Oct. 18, 1971	24.92
13	20.62	27	17.75	20	18.50	25	23.91
16	16.64	Apr. 5	19.74	26	20.28	Nov. 1	21.93
20	17.50	12	15.30	July 3	19.85	8	20.94
27	17.50	19	18.15	10	19.30	15	21.97
Feb. 3	15.75	25	17.65	Aug. 8	23.30	22	21.99
10	18.08	May 3	18.00	15	23.99	29	18.92
17	18.80	10	17.65	21	23.94	Dec. 6	19.95
24	20.64	17	18.20	29	22.04	13	16.95
Mar. 2	20.77	23	18.14	Sept. 7	23.60	20	17.93
9	21.20	31	19.40	14	23.66	27	18.94
16	21.00	June 7	18.83	21	23.90	Jan. 3, 1972	18.92
23	16.28	13	19.35	27	23.55	10	18.97
30	16.53	21	20.70	Oct. 3	23.98	17	18.93
Apr. 7	18.20	28	21.78	12	23.99	24	17.97
13	19.38	July 5	23.05	17	22.98	31	19.93
20	18.90	11	22.20	24	18.95	Feb. 7	18.98
27	18.42	18	21.80	Nov. 2	19.99	14	18.91
May 4	19.53	25	18.50	7	18.99	21	16.99
11	18.90	Aug. 2	18.70	23	16.96	28	18.99
17	17.40	8	18.65	30	17.99	Mar. 6	10.92
24	17.40	15	20.50	Dec. 5	18.98	13	15.92
31	14.59	23	21.80	12	18.96	20	15.97
June 8	16.30	30	21.86	19	18.95	27	15.98
14	15.77	Sept. 6	21.90	27	18.97	Apr. 3	16.98
22	18.54	13	23.05	Jan. 2, 1971	19.92	10	17.95
29	17.30	20	21.90	9	19.98	17	13.98
July 6	19.10	26	21.50	15	19.99	24	15.96
12	19.20	Oct. 3	20.30	22	20.00	May 1	17.91
20	20.60	10	22.00	29	20.20	8	16.91
27	20.57	18	21.75	Feb. 11	20.40	15	15.97
Aug. 3	20.71	25	21.80	19	15.70	22	16.92
10	21.24	31	21.60	28	11.20	30	17.98
17	20.50	Nov. 7	20.45	Mar. 8	15.40	June 5	17.99
24	19.40	15	20.00	15	14.92	12	19.95
30	19.50	20	18.16	22	15.94	19	18.00
Sept. 7	18.08	28	19.20	29	17.97	26	14.03
14	18.90	Dec. 6	21.52	Apr. 5	17.98	July 3	13.91
21	23.00	12	16.60	12	17.99	10	11.96
27	21.20	19	19.35	19	15.99	17	9.97
Oct. 2	21.82	27	20.00	26	20.94	24	11.98
12	21.07	Jan. 2, 1970	18.20	May 3	20.99	31	16.00
19	20.35	10	20.40	10	19.94	Aug. 7	16.96
26	21.40	17	21.20	17	15.94	14	17.93
Nov. 2	22.06	24	21.55	24	17.98	21	21.97
9	17.66	31	16.10	31	19.99	28	23.00
16	17.60	Feb. 7	15.25	June 7	20.98	Sept. 4	28.00
23	19.90	14	16.50	16	19.95	11	28.92
29	18.87	20	19.20	21	21.98	18	28.00
Dec. 6	16.72	28	18.30	29	23.92	25	23.97
13	18.16	Mar. 7	18.15	July 12	20.98	Oct. 2	23.99
21	20.30	14	18.20	19	23.95	9	21.91
27	21.50	21	17.80	26	21.92	16	24.00
Jan. 4, 1969	22.07	28	15.70	Aug. 3	17.97	23	24.92
10	21.70	Apr. 3	14.50	9	18.98	30	24.93
17	22.86	11	14.36	16	22.91	6	24.91
24	19.80	18	15.80	23	23.95	13	20.00
30	20.53	25	16.60	30	23.97	20	19.00
Feb. 6	20.50	May 4	17.05	Sept. 6	24.91	27	17.93
14	21.90	5	18.70	13	23.92	Dec. 4	17.98
21	21.55	15	19.60	20	22.95	13	15.97
28	20.25	23	18.50	27	23.94	18	16.93
Mar. 7	20.40	30	20.50	Oct. 4	24.91	26	14.94
14	20.84	June 6	18.45	11	23.96		

j High reading due to flood.

Monroe County

411230N0752400.1. Local number Mo-190. U.S. Geol. Survey. Tobyhanna State Park. Drilled observation artesian well in sandstone of Catskill Formation, Mississippian and Devonian age, diam 6 in, depth 98 ft, cased to 59. Lsd 1,960 ft above msl. MP top of plywood cover, 2.57 ft above lsd. Highest water level 7.13 below lsd, Apr. 10, 1970; lowest 15.15 below lsd, Oct. 14, 1970. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	11.08	10.18
10	10.70	10.10
15	10.79	9.20
20	13.70	.....	9.69
25	13.20	10.61	9.80
Eom	12.20	10.64	10.29

1968

5	.....	10.11	11.81	9.10	9.50	8.55	9.41	11.88	13.71	13.83	13.99	9.28
10	.....	10.21	11.90	9.37	9.88	9.45	10.29	12.15	13.57	14.75	13.72	9.48
15	.....	10.70	11.80	9.83	9.25	8.80	10.83	.....	13.02	14.80	13.43	8.90
20	.....	10.99	9.42	10.20	9.45	8.55	10.71	.....	13.20	14.60	11.79	9.41
25	10.99	11.41	8.82	9.65	9.30	8.84	10.97	13.11	13.35	14.35	10.90	9.72
Eom	11.00	11.55	8.91	8.95	7.61	8.20	11.52	13.52	13.60	13.99	10.38	9.61

1969

5	.....	.....	.....	.....	.....	10.80	11.93	7.70	11.60	13.05	13.49	10.43
10	.....	.....	.....	.....	.....	11.30	12.25	8.88	11.90	13.21	12.27	10.40
15	.....	.....	.....	.....	.....	11.40	11.89	9.73	12.22	13.40	11.47	8.70
20	.....	.....	.....	.....	.....	10.78	11.83	10.20	12.48	13.54	11.03	9.26
25	.....	.....	.....	.....	9.95	11.07	11.43	10.81	12.79	13.60	9.80	9.66
Eom	.....	.....	.....	.....	10.65	11.50	8.59	11.52	13.01	13.79	9.86	10.08

1970

5	10.24	9.28	9.69	7.63	7.94	10.44	11.62	12.78	13.59	14.87	12.31	9.30
10	10.48	8.96	9.88	7.33	8.70	10.73	12.01	13.07	14.17	15.02	11.90	9.79
15	10.73	8.43	10.21	7.15	9.14	11.12	12.13	13.24	14.37	15.12	9.13	10.18
20	.....	8.97	10.38	7.60	8.90	10.83	12.40	13.50	14.35	14.95	8.53	10.33
25	11.15	9.20	10.46	7.38	9.36	11.10	12.45	13.45	14.70	13.18	8.65	10.40
Eom	11.18	9.53	8.81	8.24	10.00	11.42	12.58	13.75	14.72	12.75	9.04	10.70

1971

5	10.63	11.73	8.75	7.44	9.00	9.88	11.81	11.80	12.51	10.76	10.04	10.20
10	10.30	12.03	8.81	7.43	9.27	10.51	12.22	11.75	12.63	11.04	10.07	8.30
15	10.63	11.05	8.44	7.60	8.47	10.80	12.60	12.07	11.93	10.76	10.41	7.82
20	11.00	10.31	8.15	8.29	8.82	10.71	12.86	12.40	11.47	11.02	10.60	8.29
25	11.21	9.63	8.62	9.00	9.19	11.11	13.18	12.77	10.47	10.70	10.86	8.70
Eom	11.57	8.90	8.70	9.03	9.78	11.43	12.98	12.26	10.48	10.23	10.50	8.81

1972

5	8.98	10.04	8.50	7.94	7.80	7.84	8.58	11.72	13.66	14.64	.....	9.03
10	9.17	10.42	9.01	8.27	8.00	8.55	8.98	12.00	13.98	14.49	.....	8.02
15	8.63	9.67	8.75	8.02	8.31	9.18	9.70	12.35	14.12	14.59	.....	8.41
20	9.33	10.00	7.93	7.60	8.37	8.10	10.05	12.70	14.12	14.73	h10.20	9.10
25	9.31	10.21	7.75	7.61	8.56	.....	10.65	13.03	14.30	14.80	9.97	8.07
Eom	9.90	10.38	7.90	8.60	9.21	7.80	11.25	13.35	14.45	14.53	8.77	7.92

h Tape measurement.

Montgomery County

401452N0753936.1. Local number Mg-2. Commonwealth of Pennsylvania. Pottsgrove Manor. King and High Sts., Pottstown. Dug unused water-table well in Brunswick Shale, Triassic age, diam 4 ft, depth 30 ft, casing information not available. Lsd 158 ft above msl. MP top of wooden cover, 0.70 ft above lsd. Highest water level 19.75 below lsd, Mar. 22, 1967; lowest 27.34 below lsd, Aug. 25, 1950. Records available: 1948-51, 1953-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 23, 1968	23.58	Apr. 24, 1969	24.40	July 23, 1970	24.66	Oct. 28, 1971	24.34
Feb. 22	24.99	May 26	25.05	Aug. 24	25.10	Nov. 24	25.11
Mar. 22	22.94	June 26	25.19	Sept. 24	24.22	Dec. 30	24.97
Apr. 24	25.16	July 25	23.15	Oct. 24	24.20	Jan. 26, 1972	24.62
May 24	24.03	Aug. 27	25.19	Nov. 25	24.06	Feb. 25	23.05
June 25	23.50	Sept. 26	24.70	Dec. 24	23.90	Mar. 30	24.15
July 29	25.22	Oct. 27	25.56	Jan. 26, 1971	24.85	April	23.59
Aug. 23	24.19	Nov. 24	25.52	Feb. 24	22.27	May	24.58
Sept. 23	24.13	Dec. 17	24.33	Mar. 25	22.70	July 27	24.83
Oct. 23	25.16	Jan. 22, 1970	24.26	Apr. 26	24.89	Aug. 29	25.22
Nov. 25	24.38	Feb. 25	24.38	May 26	24.12	Sept. 26	25.54
Dec. 19	24.51	Mar. 25	23.59	June 28	25.27	Oct. 27	25.48
Jan. 23, 1969	25.82	Apr. 23	23.39	July 29	25.30	Nov. 28	23.99
Feb. 25	25.00	May 25	25.03	Aug. 26	25.22	Dec. 27	21.93
Mar. 27	23.74	June 24	23.48				

400123N0751845.1. Local number Mg-133. Bryn Mawr College. Lower Merion Township. Montgomery and Norris Sts. NE., Bryn Mawr. Drilled unused artesian well in schist of Wissahickon Formation, Precambrian to Ordovician age, previously reported in shale of Wissahickon Formation of Precambrian(?) age, diam 10 in, depth 254 ft, casing information not available. Lsd 380 ft above msl. MP top of casing, at lsd. Highest water level 13.27 below lsd, Oct. 26, 1972; lowest 24.50 below lsd, Dec. 13, 1954. Records available: 1954-72.

400123N0751845.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 22, 1968	20.44	Apr. 24, 1969	19.00	Aug. 24, 1970	17.18	Nov. 23, 1971	15.70
Feb. 21	18.30	May 26	19.19	Sept. 23	17.80	Dec. 29	15.95
Mar. 21	17.35	June 26	19.10	Oct. 26	17.90	Jan. 26, 1972	16.27
Apr. 23	17.35	July 25	19.10	Nov. 23	16.75	February	16.15
May 23	17.86	Aug. 28	17.40	Dec. 23	16.75	March	15.09
June 24	16.81	Sept. 26	17.97	Jan. 25, 1971	15.57	April	15.67
July 24	17.84	Oct. 27	23.12	Feb. 24	16.35	May	15.30
Aug. 22	18.66	Nov. 14	19.62	Mar. 25	15.70	June	16.00
Sept. 23	19.42	Dec. 17	19.45	Apr. 26	15.60	July 3	16.40
Oct. 23	20.06	Jan. 21, 1970	18.93	May 26	16.13	Aug. 28	17.24
Nov. 25	20.04	Mar. 25	17.96	June 28	17.05	Sept. 25	17.90
Dec. 19	21.00	Apr. 23	14.57	July 28	17.80	Oct. 26	13.27
Jan. 23, 1969	20.28	May 25	17.00	Aug. 26	18.32	Nov. 27	16.20
Feb. 25	20.68	June 24	17.79	Sept. 29	15.20	Dec. 26	15.23
Mar. 27	23.38	July 24	16.99	Oct. 28	14.95		

400808N0752104.1. Local number Mg-225. Norristown State Hospital. Steiger St., Norristown. Drilled unused artesian well in sandstone of Stockton Formation, Triassic age, diam 12 in, depth 300 ft, casing information not available. Lsd 165 ft above msl. MP top of casing, 0.75 ft above lsd. Highest water level 15.12 below lsd, Mar. 5, 1972; lowest 60.25 below lsd, Nov. 5, 6, 1963. Records available: 1956-72.

Lowest water level for the day, from recorder graph, 1968											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	29.27	27.00	27.45	21.80	25.18	21.30	19.83	34.45	40.81	41.20	36.70
10	29.40	27.10	27.95	22.39	26.03	21.30	20.90	35.09	42.05	41.10	36.93
15	29.60	27.68	26.89	23.08	26.71	18.50	21.78	34.79	41.50	41.20	36.01
20	26.70	25.70	21.80	23.88	26.75	18.29	27.10	36.52	41.29	37.40	35.90
25	27.05	29.20	21.51	23.70	27.29	18.18	30.65	37.08	40.14	35.77	36.10
Eom	27.80	28.90	21.31	24.32	24.40	18.90	31.60	38.90	40.85	36.25	36.50
1969											
5	35.91	40.09	39.60	34.84	33.96	35.10	.....	31.30	32.13	42.29	46.00
10	36.04	50.45	38.40	34.82	34.10	35.51	.....	32.26	32.99	43.12	46.05
15	36.51	40.84	37.65	35.00	34.75	35.88	.....	29.46	34.00	43.91	46.39
20	36.70	41.20	37.39	34.65	35.10	36.21	.....	29.72	38.33	44.52	46.52
25	38.83	40.99	37.00	33.86	34.18	36.52	40.60	30.40	39.73	45.08	46.26
Eom	39.89	40.40	35.20	33.78	34.70	.....	32.10	31.51	41.25	45.77	46.50
1970											
5	.....	.....	30.20	22.91	21.40	.....	.....	.....	.....	40.10	37.90
10	.....	.....	31.30	.....	22.30	.....	.....	37.55	.....	40.50	37.08
15	.....	.....	32.34	.....	23.70	.....	.....	36.71	.....	40.82	33.33
20	.....	.....	33.11	.....	27.00	.....	.....	37.02	.....	41.22	30.25
25	34.32	28.42	32.08	20.38	.....	.....	32.50	.....	39.56	38.45	29.77
Eom	.....	29.20	30.30	20.73	.....	.....	.....	.....	39.70	38.46	29.85
1971											
5	28.10	28.39	21.81	23.70	25.70	26.41	31.60	33.10	27.10	19.92	21.22
10	25.10	27.10	20.12	21.23	26.68	27.21	32.00	31.05	25.11	20.72	21.60
15	25.40	25.10	20.54	21.57	26.21	.....	33.10	e33.0	17.54	19.01	22.30
20	26.14	25.29	21.13	22.36	24.97	.....	e34.0	31.56	17.60	19.69	22.71
25	26.90	24.15	21.80	23.44	25.29	.....	e35.0	30.83	18.08	20.03	23.30
Eom	27.62	23.47	22.65	24.53	25.90	30.56	35.67	28.66	19.00	20.83	20.90
1972											
5	21.75	22.28	15.12	18.43	18.04	19.66	25.50	22.48	29.30	30.26	31.59
10	21.51	22.29	15.89	19.32	17.23	20.51	27.60	30.12	33.20	30.44	26.65
15	21.63	20.85	16.60	19.85	16.55	21.41	25.50	25.02	29.60	30.58	23.09
20	21.73	20.17	16.45	18.99	16.91	21.69	25.66	24.92	29.30	31.08	21.10
25	22.29	.....	16.80	19.00	17.80	.....	26.31	25.83	29.48	31.42	19.35
Eom	22.85	.....	17.62	19.23	18.65	25.37	21.83	25.90	29.69	31.41	18.80

e Estimated.

401310N0751817.1. Local number Mg-884. Merck, Sharp, and Dohme, Inc. Upper Gwynedd Township, West Point. Drilled unused artesian well in Brunswick Shale, Triassic age, diam 12 to 10 in, depth 600 ft, casing information not available. Lsd 351 ft above msl. MP top of casing, 1.30 ft above lsd. Highest water level 38.40 below lsd, June 30, 1972; lowest 93.17 below lsd, Oct. 20, 22, 1966. Records available: 1966-72.

Lowest water level for the day, from recorder graph, 1968											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
5	66.50	67.55	66.73	61.35	.....	64.15	68.95	66.90	72.80	80.02	83.55
10	66.05	67.65	66.18	61.31	.....	64.16	69.62	66.05	74.20	81.00	83.70
15	66.48	66.87	65.11	60.95	.....	63.60	70.05	65.60	75.40	81.60	83.75
20	66.75	67.20	64.45	60.70	.....	64.10	69.68	65.23	76.52	82.20	83.75
25	66.08	66.78	67.10	63.12	.....	63.90	66.05	68.95	67.90	77.60	82.70
Eom	66.42	66.89	66.70	61.60	.....	64.23	67.75	67.75	70.61	79.00	83.28
1969											
5	83.25	83.20	83.63	79.70	76.10	.....	.....	81.05	79.95	.....	77.25
10	83.40	85.10	83.20	78.93	75.61	.....	.....	80.48	80.29	.....	79.0
15	83.95	85.11	82.90	78.50	75.40	.....	.....	79.76	80.56	.....	80.0
20	84.35	84.90	82.39	77.89	75.20	.....	.....	79.12	.....	.....	81.0
25	84.77	84.70	81.40	77.10	75.00	.....	.....	80.70	79.06	.....	83.05
Eom	85.09	84.48	80.60	76.52	.....	.....	81.18	79.35	.....	76.20	83.60

401310N0751817.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	67.71	67.21	70.28	.....	75.00	78.51	78.68	74.20
10	.....	.....	.....	.....	67.40	67.25	e70.8	.....	75.75	79.10	78.40	73.97
15	.....	.....	.....	.....	67.30	67.45	e71.3	.....	76.45	79.60	77.40	73.82
20	.....	.....	.....	.....	67.18	68.30	e71.8	.....	77.09	89.70	76.45	73.40
25	.....	h76.27	h74.76	.....	67.17	68.89	.....	73.22	77.21	79.06	75.58	72.65
Eom	.....	.....	.....	.....	67.23	69.60	.....	74.20	77.82	78.77	74.63	71.69
1971												
5	70.87	59.74	68.09	65.02	62.52	62.60	.....	68.00	67.44	65.20	62.40	59.13
10	70.35	70.04	67.29	64.32	62.91	62.62	67.15	65.08	67.04	.....	62.37	58.14
15	70.05	e69.0	66.64	63.72	63.02	.....	68.00	65.76	66.58	.....	62.40	57.32
20	69.92	69.55	66.18	63.11	62.39	.....	68.85	66.83	66.21	.....	62.08	56.13
25	69.67	69.08	65.93	62.90	62.4	.....	69.34	67.80	65.93	.....	61.73	55.00
Eom	69.51	68.70	65.20	62.68	62.60	.....	69.21	67.87	65.50	62.70	60.93	53.38
1972												
5	52.11	48.28	43.80	41.75	40.30	.....	38.60	42.32	44.34	49.34	53.20	62.60
10	50.90	47.84	43.81	41.82	39.75	.....	38.55	42.50	45.36	50.39	52.76	63.35
15	50.41	46.70	42.83	41.55	38.83	.....	40.50	42.45	45.98	50.52	52.18	63.60
20	49.52	46.46	42.75	41.35	38.94	.....	41.55	42.65	46.94	53.17	56.71	64.03
25	49.15	45.62	41.95	40.88	39.12	39.03	41.51	43.42	47.86	52.79	59.26	64.15
Eom	48.46	44.86	41.60	.....	.....	38.40	41.90	43.95	48.90	53.06	61.22	64.30

e Estimated.

h Tape measurement.

Northampton County

403618N0752038.1. Local number Np-85. City of Bethlehem. Drilled observation artesian well in Tomstown Dolomite, Cambrian age, diam 12 in, depth 344 ft, cased to 73. Lsd 230 ft above msl. MP top of casing, 1.00 ft above lsd. Highest water level 0.00 June 23, 1972; lowest 3.99 below lsd, July 17, 1969. Records available: 1969-72.

Lowest water level for the day, from recorder graph, 1969												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	3.04	3.77	3.79	3.81	3.88
10	....	....	....	....	....	....	....	3.46	3.83	3.80	3.69	3.63
15	....	....	....	....	....	....	3.95	3.66	3.90	3.83	3.71	e3.5
20	....	....	....	....	....	....	3.97	3.71	3.85	3.81	3.55	3.76
25	....	....	....	....	....	....	3.71	3.83	3.90	3.85	3.73	e3.7
Eom	....	....	....	....	....	....	2.44	3.92	3.80	3.87	3.79	e3.8
1970												
5	e3.8	....	....	....	3.35	3.55	....	....	....	....	2.53	3.63
10	e3.8	....	....	....	3.45	3.65	....	....	....	....	3.61	3.78
15	e3.8	....	....	....	3.51	3.75	....	3.82	....	....	2.36	3.60
20	e3.9	....	....	....	....	3.80	....	3.82	....	....	3.16	3.34
25	...	h3.67	h3.43	3.05	3.60	....	....	....	3.96	....	3.50	3.60
Eom	...	...	...	...	3.59	....	....	....	3.90	....	3.60	3.75
1971												
5	2.60	3.81	2.48	3.24	3.60	3.31	3.60	1.91	3.18	3.50	2.97	3.00
10	3.50	3.32	2.31	3.18	3.53	3.36	3.60	3.11	3.40	3.20	3.23	2.89
15	3.63	2.40	2.53	3.37	3.37	3.30	3.66	....	2.47	3.33	3.35	3.07
20	3.72	3.00	2.16	3.48	3.50	3.48	3.49	....	3.17	3.49	3.38	3.21
25	3.73	2.41	2.74	3.52	3.51	3.57	3.40	....	3.33	3.20	3.40	3.27
Eom	3.86	2.26	3.12	3.56	2.95	3.56	3.50	2.61	3.48	3.43	2.05	3.30
1972												
5	2.90	3.22	2.68	3.09	3.20	2.60	2.20	3.31	3.47	3.55	3.41	....
10	3.00	3.41	3.13	3.21	2.60	3.05	2.73	3.25	3.56	3.50	2.10	....
15	3.10	2.91	2.79	3.20	3.17	3.16	2.87	3.40	3.56	3.47	1.73	....
20	3.32	3.30	2.25	3.08	3.12	2.05	3.04	3.42	3.60	3.52	2.67	....
25	3.37	3.38	2.41	3.15	3.33	....	3.21	3.43	3.54	3.54	3.06	....
Eom	3.41	2.68	2.87	3.35	3.41	1.71	3.21	3.31	3.47	3.44	...	2.50

e Estimated.

h Tape measurement.

Perry County

402847N0770811.1. Local number Pe-2. Bertha Demaree. 29 North Third St., Newport. Dug unused water-table well in sandstone of Chemung Formation, diam 36 in, depth 20 ft, cased with stone. Lsd 400 ft above msl. MP top of wooden cover, at lsd. Highest water level 6.98 below lsd, Apr. 15, 1968; lowest 18.53 below lsd, May 28, 1943. Records available: 1931-68. Measurement discontinued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 7, 1968	8.11	Feb. 12, 1968	7.72	Mar. 26, 1968	7.70	Apr. 22, 1968	7.16
15	7.89	19	7.75	31	7.52	29	7.19
18	8.17	26	7.90	Apr. 8	7.41	May 7	7.47
22	8.01	Mar. 3	7.55	15	6.98	13	7.40
29	8.08	11	7.32	21	7.02	19	7.21
Feb. 5	7.85	18	7.27				

402339N0770745.1. Local number Pe-511. U.S. Geol. Survey. State Game Land No. 256. Drilled observation artesian well in shale of Mahantango Formation, Devonian age, diam 6 in, depth 138 ft, cased to 17. Lsd 590 ft above msl. MP top of plywood cover, 3.05 ft above lsd. Highest water level 1.41 above lsd, Feb. 22, 1971; lowest 2.28 below lsd, Oct. 27, 28, 1969. Records available: 1968-72.

Lowest water level for the day, above and below lsd, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	....	....	....	....	....	....	....	-0.54	-1.53	+0.37	....	-0.5
10	....	....	....	....	....	....	....	.58	.80	+.34	....	.59
15	....	....	....	....	....	....	-0.40	.91	.33	....	....	.37
20	....	....	....	....	....	....	.30	....	.64	....	h+0.15	.79
25	....	....	....	....	....	h+0.67	.3	....	-.68	h-.86	-.48	....
Eom	....	....	....	....	....	....	.58	1.80	+.40	....	.77	....
1969												
5	....	-0.32	-0.45	+0.17	-0.50	-0.03	-1.08	-0.39	-1.31	-1.62	-1.79	-1.53
10	....	.44	.46	-.2	.12	.52	1.05	.76	1.11	1.74	1.40	1.47
15	....	1.00	1.02	.26	...	.58	1.27	.91	1.31	1.80	1.74	.48
20	....	.62	.78	.22	.60	.35	1.10	1.11	1.41	2.11	1.31	.84
25	-0.89	.57	.01	.13	.43	.67	.55	1.30	1.58	2.06	1.18	1.14
Eom	.76	.48	-.16	.32	.81	.98	1.08	1.63	1.94	2.23	1.31	.64
1970												
5	-0.58	+0.22	-0.09	+1.02	+1.07	-0.51	-0.88	-1.02	-1.30	-1.34	-0.32	-0.40
10	.59	.03	+.02	+.45	+.41	.86	.50	1.16	1.15	1.64	-.64	.68
15	.77	+.27	+.24	-.20	-.07	1.29	.03	1.24	1.39	1.50	+.10	.50
20	.60	-.18	-.28	-.73	.15	.84	.20	1.20	1.46	1.32	+.08	-.08
25	.88	+.34	+.46	+.94	.40	.61	.74	.92	1.51	.84	-.18	+.08
Eom	-.54	+.07	.14	.63	.69	.72	.76	1.11	1.11	.97	.44	-.24
1971												
5	-0.12	-0.55	+0.53	....	-0.44	-0.49	-0.77	-0.65	-1.70	-1.17	-0.53	-0.45
10	+.09	-.31	.63	....	-.41	.60	1.00	.64	1.43	1.07	.67	+.66
15	-.08	+.63	.71	....	+.24	.56	.74	1.27	1.18	1.04	1.25	+.15
20	.25	.76	.64	....	+.32	...	1.07	1.33	1.33	1.35	1.22	-.20
25	e .40	1.06	.63	-0.48	-.18	.76	1.11	1.56	.83	1.33	1.34	.71
Eom	.49	.97	+.26	.48	.13	.72	1.78	1.33	.87	.98	.20	.74
1972												
5	-0.20	+0.10	+1.06	+0.04	+0.79	-0.19	....	-0.45	-1.24	-1.14	-1.39	+0.24
10	+.11	.02	.25	-.23	.73	.63	+0.20	.56	1.48	1.28	-.30	1.05
15	.30	.38	.01	+.19	.76	.51	-.05	.84	1.07	1.20	+.04	.86
20	.20	.47	.08	.96	.55	-.37	+.68	.87	1.10	1.19	-.12	....
25	+.06	...	.64	.51	.26	...	+.18	.74	1.38	h1.30	-.02	....
Eom	-.43	...	.18	.05	+.06	...	-.21	1.24	.91	1.28	+.34	....

e Estimated.

h Tape measurement.

Philadelphia County

395342N0751021.1. Local number Ph-12. U.S. Naval Base. Barracks and East Fourth St., Philadelphia. Drilled observation artesian well in sand of Raritan Formation (middle aquifer), Cretaceous age, diam 8 in, depth 110 ft, cased to 94, screened 94-104. Lsd 10.00 ft above msl. MP top of casing, 1.80 ft above lsd. Highest water level 16.55 below lsd, Nov. 8, 1972; lowest 39.60 below lsd, July 20, 1955. Records available: 1944-72. Mean daily fluctuation caused by tidal loading, 0.20 ft.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	24.05	23.78	23.30	23.55	23.20	23.22	23.47	23.75	23.81	21.60	21.12	23.20
10	24.55	23.28	23.95	23.49	23.60	23.48	23.79	23.52	23.61	21.80	20.68	23.80
15	23.80	23.90	24.30	23.12	23.58	23.50	23.85	24.20	22.72	21.40	21.25	22.70
20	24.30	23.75	23.05	23.19	23.42	23.74	23.62	24.05	23.59	20.51	22.35	23.32
25	23.90	23.80	23.20	23.00	23.85	23.21	23.88	22.55	21.86	20.35	22.80	23.20
Eom	23.20	23.29	23.35	23.39	24.19	23.43	23.99	23.60	21.88	21.83	23.10	22.13
1969												
5	23.02	22.75	23.00	.....	23.20	.....	.....	.....	22.82	22.22	21.50	21.79
10	23.50	22.73	.....	.....	22.75	.....	.....	.....	22.51	22.12	21.40	21.85
15	23.62	22.21	.....	.....	.....	.....	.....	.....	22.51	22.11	21.94	21.60
20	23.28	22.93	.....	.....	.....	.....	.....	.....	22.47	21.87	22.13	21.80
25	22.95	22.53	.....	22.90	.....	.....	.....	.....	21.80	22.30	22.00	22.03
Eom	23.08	22.49	.....	23.23	.....	.....	23.00	22.80	22.05	22.04	21.22	21.50
1970												
5	21.62	23.96	22.94	23.28	23.87	21.60	23.70	25.00	24.26	25.58	23.97	23.71
10	21.34	23.00	23.10	23.20	22.63	21.45	24.25	23.98	25.10	24.70	24.51	23.69
15	22.06	23.35	23.28	23.37	22.61	21.59	24.54	24.19	24.68	24.30	23.78	23.49
20	.....	24.09	23.40	23.00	21.83	23.79	24.22	24.42	24.10	24.52	23.95	23.19
25	22.25	23.21	23.15	23.70	21.70	23.70	24.28	24.42	25.10	24.19	24.35	22.53
Eom	23.19	.....	23.20	.....	21.61	.....	24.43	24.64	.....	24.55	23.99	22.63
1971												
5	22.60	21.34	21.67	21.56	21.15	21.57	21.76	19.81	.....	19.72	20.23	20.43
10	22.80	21.91	21.84	21.42	21.32	21.80	21.90	19.95	.....	19.80	19.85	19.77
15	22.69	21.80	21.50	21.21	21.70	21.43	21.54	19.90	.....	20.02	20.15	19.70
20	22.98	22.00	21.00	21.05	22.42	21.48	21.20	21.02	.....	20.52	19.71	19.76
25	22.64	21.71	21.98	21.05	22.60	22.26	20.80	21.07	.....	19.60	20.18	20.57
Eom	21.46	21.65	21.63	21.09	21.36	22.29	20.28	21.33	20.33	19.84	19.95	.....

395342N0751021.1--Continued.

1972												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	20.52	19.82	19.82	19.57	.....	19.64	19.29	18.20	17.46	17.12	17.63
10	20.71	20.30	19.61	19.40	.....	19.50	19.50	18.26	17.81	16.99	17.45
15	20.35	19.52	19.61	19.10	.....	19.17	19.49	17.90	17.14	16.87	17.60
20	20.86	19.95	19.66	19.00	.....	19.42	18.89	17.76	17.40	16.80	17.50
25	19.74	19.57	19.42	.....	.....	18.83	19.08	17.46	16.78	17.17	17.23
Eom	20.27	19.80	19.59	19.65	.....	.....	19.20	18.70	17.02	17.10	17.80	17.35

395316N0751049.1. Local number Ph-20. U.S. Naval Base. Phillip and West Third St., Philadel-
phia. Drilled observation artesian well in sand of Raritan Formation (lower aquifer), Cretaceous
age, diam 8 in, depth 266 ft (19 ft into rock), cased to 238, screened 238-243. Lsd 13 ft above
msl. MP top of casing, 3.20 ft above lsd. Highest water level 23.31 below lsd, Oct. 26, 1972;
lowest 64.90 below lsd, Dec. 4, 1964. Records available: 1946-72. Mean daily fluctuation caused
by tidal loading, 1.7 ft.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	31.42	30.40	33.05	32.18	32.59	33.05	34.22	35.45	33.81	32.78	.....
10	.....	31.10	29.33	33.35	34.19	34.30	34.21	36.30	34.25	34.20	31.45	.....
15	.....	33.80	33.15	32.41	34.30	33.61	35.65	36.31	34.25	32.53	32.55	.....
20	.....	33.31	30.25	31.83	34.62	35.49	34.55	35.65	.....	30.60	34.11	.....
25	32.35	31.42	30.70	31.52	33.43	33.54	36.31	34.04	35.38	31.11	33.50	.....
Eom	32.30	30.23	32.15	34.10	31.55	33.15	36.30	34.95	35.20	32.42	.....	.....

1969												
5	.....	31.70	32.02	.....	.....	32.99	33.03	32.96	33.18	31.70	33.41	31.08
10	.....	31.30	32.06	.....	.....	33.90	32.78	34.18	32.76	32.76	30.41	32.72
15	.....	.....	32.33	35.30	.....	.....	34.30	33.70	32.31	32.40	32.76	31.30
20	.....	.....	32.28	32.26	.....	.....	33.00	32.50	31.76	32.95	32.80	31.93
25	.....	31.80	31.60	.....	.....	.....	35.01	33.92	31.73	31.70	31.82	31.08
Eom	33.55	31.63	32.86	.....	33.20	33.95	33.93	32.90	31.81	32.08	31.25	31.20

1970												
5	30.32	34.30	31.04	30.79	.....	31.20	33.45	.....	34.40	.....	33.49	.....
10	30.42	33.49	31.31	32.10	.....	31.80	36.48	.....	35.33	.....	34.54	.....
15	32.80	31.50	30.80	31.24	.....	30.39	.....	.....	.....	.....	32.13	.....
20	.....	34.70	30.36	30.69	.....	31.63	.....	.....	.....	.....	32.03	.....
25	30.63	31.52	30.26	.....	31.03	34.22	34.73	34.87	.....	.....	.....	31.41
Eom	32.92	.....	30.30	.....	31.75	.....	.....	.....	.....	.....	.....	31.80

1971												
5	31.81	29.86	31.52	30.63	31.09	31.99	30.82	29.13	30.20	27.39	28.50	28.52
10	31.30	30.40	31.16	31.59	31.50	32.50	32.00	31.72	30.50	27.50	27.89	28.21
15	31.49	30.03	30.98	31.29	36.10	31.30	31.80	30.80	31.44	27.74	28.47	28.38
20	31.35	30.88	30.50	31.58	40.49	31.98	30.25	32.07	28.48	28.78	28.55	28.41
25	31.42	30.98	31.25	31.48	39.90	35.10	30.26	32.11	28.10	26.77	28.70	29.20
Eom	30.42	31.30	31.28	30.43	31.32	34.21	29.14	31.40	28.91	27.50	28.33	29.31

1972												
5	29.09	29.57	28.67	28.87	28.15	29.20	28.71	30.08	.....	25.87	.....	27.08
10	28.86	29.63	28.77	28.58	28.02	30.07	28.27	30.21	.....	24.96	.....	26.70
15	28.96	29.34	28.43	28.45	28.42	29.03	28.18	29.55	.....	24.31	.....	26.80
20	29.28	30.42	28.77	28.43	28.45	28.69	29.79	29.30	.....	23.70	.....	26.92
25	29.09	29.01	28.47	28.28	28.60	28.25	28.92	32.00	25.54	23.51	.....	26.85
Eom	29.32	29.03	28.77	28.41	28.51	.....	31.30	.....	25.53	.....	27.59	26.87

Potter County

414640N0774938.1. Local number Po-72. U.S. Geol. Survey. Denton Hill State Park. Drilled
observation artesian well in shale of Catskill Formation, Mississippian and Devonian age, diam
6 in, depth 110 ft, cased to 21. Lsd 1,810 ft above msl. MP top of plywood cover, 1.10 ft above
lsd. Highest water level 5.20 below lsd, Mar. 23, 1968; lowest 29.00 below lsd, Oct. 20, 1972.
Records available: 1967-72.

Lowest water level for the day, from recorder graph, 1967												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	12.70	15.50
10	14.20	14.30
15	19.90	13.19	8.80
20	8.35	13.98	12.40
25	13.39	11.50	11.65
Eom	13.20	13.75	15.15

1968												
5	16.52	10.95	22.30	10.40	13.80	13.00	.....	.....	26.50	26.84	26.68	.....
10	.....	.....	19.20	13.11	13.60	.....	19.55	.....	.....	26.80	24.19	.....
15	19.40	15.70	19.20	14.70	10.00	.....	.....	.....	24.99	27.02	24.69	.....
20	21.20	16.91	9.90	15.98	7.40	.....	.....	.....	.....	25.62	.....	.....
25	22.90	19.05	7.50	16.50	12.90	20.02	.....	26.12	26.57	26.30	.....	18.50
Eom	9.80	20.18	10.65	14.40	8.00	.....	.....	26.50	26.82	25.95	.....	11.35

1969												
5	15.40	13.28	.....	.....	13.8	.....	.....	.....	26.34	.....	.....	.....
10	.....	15.60	.....	.....	8.00	.....	.....	.....	.....	.....	.....	.....
15	.....	17.30	.....	.....	12.80	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	11.60	.....	13.50	.....	.....	.....	.....	.....	12.47	.....
25	12.30	19.90	.....	7.90	13.82	e24.0	25.50	26.85	.....	.....	12.66	.....
Eom	14.10	21.3	.....	12.48	.....	.....	26.10	26.91	.....	.....	14.60	.....

414640N0774938.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	9.55	.....	.....	.....	17.89	18.95	22.80	24.90	.....	9.00	.....
10	.....	e12.	.....	.....	.....	20.52	18.00	24.70	25.64	.....	13.90	.....
15	.....	e13.	.....	.....	.....	22.70	17.88	25.25	24.72	.....	6.80	.....
20	.....	h15.67	h17.77	.....	.....	20.30	14.50	25.40	23.10	.....	11.52	.....
25	e18.0	.....	17.20	h7.30	h15.44	20.00	17.50	25.52	.....	12.70	.....	e14.22
Eom	14.73	.....	.....	.....	.....	.....	20.38	22.25	.....	15.27	.....	15.94
1971												
5	16.40	e22.7	12.97	8.10	14.22	22.20	.....	26.88	.....	.....	24.87	19.90
10	15.78	23.40	14.02	7.70	10.60	24.40	.....	27.19	.....	.....	25.22	10.25
15	17.20	22.49	13.90	7.42	13.00	.....	.....	.....	.....	27.40	25.28	15.35
20	18.30	22.40	11.50	9.30	15.70	.....	.....	.....	.....	28.00	21.85	15.70
25	19.40	14.25	14.51	14.10	17.52	.....	26.74	25.68	24.71	25.70	21.31	17.93
Eom	21.03	7.80	15.48	13.70	19.76	.....	26.30	.....	23.93	25.28	21.40	12.35
1972												
5	16.00	19.60	12.60	15.10	16.10	.....	.....	25.45	28.43	28.45	22.90	19.60
10	18.21	21.30	14.45	16.32	13.20	.....	.....	25.99	28.73	28.57	19.67	13.55
15	13.30	22.03	15.20	11.02	15.20	.....	.....	26.72	28.47	28.8	12.75	15.05
20	16.90	23.40	15.97	12.72	16.55	.....	.....	26.98	28.57	29.00	17.95	18.37
25	11.95	24.39	13.45	16.26	19.54	.....	20.68	27.90	28.	27.33	19.81	12.47
Eom	16.92	24.78	15.10	18.50	.....	.....	23.52	28.00	28.55	27.57	19.75	16.12

e Estimated.

h Tape measurement.

Schuylkill County

403223N0762242.1. Local number Sc-1. Nick C. Donofrio. Pine Grove. Dug unused water-table well in shale of Mahantango Formation (previously reported shale of Portage Formation), Devonian age, diam 52 in, depth 33 ft, cased with stone. Lsd 560 ft above msl. MP top of wooden cover, at lsd. Highest water level 3.56 below lsd, Aug. 31, 1940; lowest 31.78 below lsd, Nov. 5, 1944. Records available: 1931-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1968	16.80	Feb. 15, 1969	14.30	Mar. 14, 1970	14.80	May 1, 1971	17.90
13	16.15	22	16.18	21	15.75	8	17.10
20	14.00	Mar. 1	15.99	Apr. 4	13.00	15	13.70
27	13.78	8	16.20	11	13.20	22	14.18
Feb. 6	12.18	15	16.80	18	13.00	29	14.80
10	15.00	22	15.90	25	12.60	June 5	15.30
17	15.60	29	13.70	May 2	13.27	12	16.30
24	17.20	Apr. 5	13.18	9	15.18	19	17.50
Mar. 2	17.70	12	14.18	16	16.70	25	21.60
9	17.20	19	14.07	23	17.00	July 3	23.90
16	11.70	26	14.18	June 6	17.47	10	22.20
Apr. 6	14.10	May 3	15.00	13	17.90	17	23.80
13	14.80	16	15.70	20	13.90	24	24.00
20	14.38	17	15.90	July 24	15.00	31	13.70
27	13.30	24	16.20	11	14.50	Aug. 7	15.30
May 4	15.17	31	16.80	18	13.18	14	17.90
11	14.10	June 7	18.07	25	16.60	21	18.30
17	15.10	14	18.70	Aug. 1	17.30	28	18.08
25	14.90	21	19.70	8	18.00	Sept. 4	19.00
June 1	13.20	28	19.20	15	19.10	11	19.70
8	13.70	July 4	20.50	22	19.60	18	19.10
15	14.20	12	21.57	29	20.80	25	18.60
22	14.47	19	21.80	Sept. 5	21.20	Oct. 2	18.20
29	18.08	26	19.47	12	22.28	9	18.17
July 6	19.37	Aug. 2	16.60	19	22.70	16	19.60
13	19.86	9	17.90	26	22.28	23	20.18
20	20.70	16	18.20	Oct. 3	22.16	30	14.90
27	21.20	23	19.80	10	22.80	Nov. 6	14.50
Aug. 3	21.70	30	20.20	17	22.30	13	15.07
10	22.00	Sept. 6	19.60	24	21.80	20	16.37
17	22.70	13	22.00	31	16.60	25	15.60
24	24.70	20	22.00	Nov. 7	14.40	31	15.30
31	25.50	27	22.99	14	14.00	Dec. 9	12.20
Sept. 7	25.70	Oct. 4	22.96	21	12.87	11	14.20
14	25.20	11	23.95	28	15.00	18	14.48
21	21.20	18	23.70	Dec. 6	15.70	25	15.60
28	21.27	25	24.00	11	17.10	31	15.30
Oct. 5	21.70	31	24.47	12	14.70	Jan. 8, 1972	13.70
12	22.17	Nov. 8	24.00	19	14.00	15	13.30
19	21.80	16	22.80	26	14.50	22	13.80
26	21.20	22	23.70	Jan. 2, 1971	13.07	29	15.17
Nov. 2	21.00	29	23.90	9	12.50	Feb. 5	13.60
9	20.20	Dec. 6	24.00	16	14.20	12	13.00
16	18.30	13	21.00	23	13.80	19	13.17
23	17.00	20	20.17	30	16.60	26	13.36
30	15.99	27	19.10	Feb. 6	15.70	Mar. 4	14.00
Dec. 7	13.90	Jan. 3, 1970	17.80	13	13.00	11	14.37
14	14.70	10	17.30	20	12.20	18	13.80
21	15.60	17	17.47	27	12.50	25	24.10
28	15.90	24	17.80	Mar. 27	12.18	9	16.60
Jan. 4, 1969	14.98	31	17.16	13	12.30	15	12.30
11	14.95	Feb. 7	13.90	20	12.90	22	14.17
18	17.66	14	13.70	Apr. 3	16.00	29	14.50
25	18.20	21	13.50	10	16.20	6	13.40
Feb. 1	15.90	28	14.00	17	17.20	13	14.10
8	14.80	Mar. 7	14.20	24	17.70	20	14.40

403223N0762242.1--Continued.

	Date	Water level		Date	Water level		Date	Water level		Date	Water level
May	27, 1972	13.59	July	22, 1972	17.90	Sept.	16, 1972	23.58	Nov.	11, 1972	20.20
June	3	13.40		29	19.27		23	25.80		18	17.20
	10	16.00	Aug.	5	19.80		30	23.70		25	11.60
	17	14.40		12	20.60	Oct.	7	21.37	Dec.	2	13.18
	24	13.68		19	21.80		14	24.18		9	12.80
	30	14.70		26	19.80		21	24.80		16	13.00
July	8	15.50		29	22.80		28	25.20		23	12.00
	15	16.30	Sept.	2	22.58	Nov.	4	24.80		30	12.80

Snyder County

403939N0765910.1. Local number Sn-130. U.S. Geol. Survey. State Game Land No. 194. Drilled observation artesian well in shale of Catskill Formation, Mississippian and Devonian age, diam 6 in, depth 100 ft, cased to 41. Lsd 740 ft above msl. MP top of plywood cover, 3.55 ft above lsd. Highest water level 15.08 below lsd, Feb. 3, 1970; lowest 19.42 below lsd, Nov. 5, 1972. Records available: 1968-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	17.83	18.06	18.00	18.17	16.70
10	.....	.....	.....	.....	.....	.....	.....	17.75	17.71	18.06	17.34	.....
15	.....	.....	.....	.....	.....	.....	.....	17.57	17.83	17.21	18.11	17.08
20	.....	.....	.....	.....	.....	.....	.....	17.63	.....	17.69	17.84	16.80
25	.....	.....	.....	.....	.....	.....	.....	17.70	.....	17.80	17.96	17.78
Eom	.....	.....	.....	.....	.....	.....	.....	17.75	18.00	17.91	18.13	18.04
1969												
5	18.22	18.38	18.59	18.32	18.66	18.86	19.08	18.36	18.88	19.10	19.11	18.96
10	18.30	18.51	18.60	18.19	18.20	18.70	19.11	18.65	18.68	19.11	18.48	18.98
15	18.40	18.65	18.74	18.43	18.54	18.96	19.15	18.87	18.87	19.14	18.68	18.26
20	18.48	18.68	18.76	18.49	18.64	19.01	19.13	18.93	18.98	19.14	18.66	18.69
25	18.47	18.59	18.00	18.32	18.72	19.06	19.11	18.97	19.04	19.17	18.58	18.83
Eom	18.43	18.62	18.11	18.54	18.86	19.09	18.48	19.00	19.07	19.18	18.76	.....
1970												
5	.....	17.38	18.55	.....	18.60	19.03	.....	18.87	19.17	19.24	.....	18.52
10	.....	18.27	18.44	.....	18.76	19.07	.....	.....	19.19	19.26	.....	18.66
15	.....	18.16	18.70	.....	18.92	19.10	.....	.....	19.22	.....	.....	18.25
20	.....	18.62	18.63	.....	18.72	18.39	.....	19.09	19.23	.....	h18.20	18.20
25	18.86	17.84	.....	.....	18.84	18.81	18.98	19.11	19.24	18.36	18.42	18.22
Eom	18.37	.....	.....	.....	19.00	.....	19.02	19.16	.....	18.79	18.64	18.56
1971												
5	18.06	18.91	18.14	18.81	19.08	18.96	19.03	17.46	19.06	19.18	18.58	18.18
10	.....	18.87	18.03	18.89	19.04	19.02	19.05	18.50	19.08	19.18	18.82	16.60
15	.....	17.34	17.64	18.92	18.02	18.70	18.99	18.80	19.11	19.22	18.96	18.07
20	.....	17.68	18.25	18.96	18.60	18.78	18.99	18.90	19.13	19.26	18.51	18.24
25	.....	16.93	18.22	19.01	18.76	18.95	19.03	18.96	19.16	19.21	18.63	18.48
Eom	18.91	16.58	18.64	19.06	18.87	18.99	18.82	19.03	19.17	19.16	18.14	18.64
1972												
5	18.04	18.07	17.44	18.79	17.62	18.26	18.54	19.02	19.23	19.30	19.42	18.03
10	18.25	18.56	18.44	18.89	16.50	18.72	17.50	19.06	19.25	19.33	18.60	16.88
15	17.83	18.08	18.64	18.68	18.36	18.83	18.45	19.09	19.25	19.32	17.70	18.25
20	18.36	18.34	18.33	18.13	18.66	18.58	18.39	19.13	19.29	19.35	18.44	18.49
25	18.30	18.61	17.90	18.56	18.71	.....	18.77	19.15	19.27	19.34	18.62	17.88
Eom	18.47	18.33	18.62	18.77	18.67	h18.19	18.93	19.22	19.26	19.39	18.25	18.47

h Tape measurement.

Somerset County

400008N0791428.1. Local number So-2. Commonwealth of Pennsylvania. Laurel Hill State Park. Drilled unlined artesian well in shale and sandstone of Pottsville Group, Pennsylvanian age, diam 6 to 4 in, depth 450 ft, cased to 310. Lsd 2,037 ft above msl. MP top of casing, 1.43 ft above lsd. Highest water level 29.04 below lsd, May 8, 1971; lowest 35.97 below lsd, Aug. 21, 1937. Records available: 1937-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	30.35	30.34	30.3	.....	....	29.5	29.80	30.54	31.2	....	32.0	31.38
10	30.39	30.28	30.3	.....	....	29.5	29.91	30.57	31.2	....	31.8	31.43
15	30.27	30.26	30.3	.....	....	....	30.02	30.69	31.3	....	31.8	31.28
20	30.37	30.21	h30.28	.....	....	29.57	30.14	30.87	31.4	....	31.7	31.21
25	30.33	30.3	.....	.....	29.7	29.5	30.30	30.9	....	31.9	31.66	31.07
Eom	30.32	30.3	.....	.....	29.5	28.66	30.43	30.1	....	31.9	31.66	30.95
1969												
5	30.93	30.45	30.36	30.24	30.06	30.11	30.46	30.6	....	30.76	30.57	30.40
10	30.77	30.43	30.29	30.21	29.90	30.13	30.38	30.6	....	30.76	30.57	30.35
15	30.83	30.46	30.40	30.23	29.98	30.12	30.49	30.7	....	30.80	30.50	30.10
20	30.75	30.39	30.36	30.13	29.96	30.18	30.53	30.6	....	31.28	30.49	30.09
25	30.67	30.37	30.26	30.02	29.99	30.26	30.5	30.66	30.70	30.90	30.51	30.07
Eom	30.52	30.36	30.38	30.03	30.08	30.44	30.6	....	30.76	30.71	30.46	29.90

400008N0791428.1--Continued.

1970												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.96	29.9	29.6	29.42	29.26	29.2	.....	29.74	30.0	30.37	30.5	30.12
10	e29.8	29.9	29.65	29.27	29.25	29.2	.....	29.80	30.1	30.48	30.5	30.09
15	e29.8	29.7	29.56	29.26	29.20	29.3	.....	29.88	30.2	30.52	30.3	30.97
20	29.8	29.7	29.60	29.22	29.25	29.28	.....	29.9	30.25	30.62	30.27	29.95
25	29.9	29.5	29.46	29.21	29.2	.....	29.85	29.8	30.30	30.5	30.26	29.7
Eom	29.8	....	29.46	.....	29.2	.....	29.75	30.0	.....	30.4	30.18	29.7
1971												
5	29.5	29.4	29.25	29.15	29.19	29.30	29.53	29.7	.....	31.20	31.33	.....
10	29.6	29.4	29.24	29.15	29.17	29.28	29.65	29.7	.....	31.40	31.5	.....
15	29.6	29.31	29.16	29.13	29.13	29.13	29.64	29.89	29.88	.....	31.66	.....
20	29.55	29.33	29.09	29.15	29.15	29.25	29.72	29.9	31.34	.....	31.68	.....
25	29.54	29.29	29.13	29.13	29.21	29.34	29.73	.....	31.26	.....	31.67	.....
Eom	29.3	29.28	29.11	29.18	29.25	29.41	e29.7	.....	31.14	31.41	.....	31.28
1972												
5	31.20	31.0	30.99	30.77	30.5	30.8	h30.95	31.1	31.6	....	32.3	31.88
10	31.15	31.1	31.14	30.77	30.4	30.9	31.	31.2	31.7	.....	32.2	31.68
15	31.23	30.9	30.92	30.63	30.5	30.9	31.2	31.2	31.7	.....	32.13	31.69
20	31.20	30.9	30.96	30.5	30.54	31.0	31.0	31.3	32.	.....	32.02	31.56
25	31.1	31.04	30.89	30.5	30.6	....	31.07	31.5	....	32.3	32.09	31.43
Eom	31.1	31.04	30.88	30.6	30.7	.....	31.1	31.5	.....	32.3	31.99	31.44

e Estimated.

h Tape measurement.

Sullivan County

413026N0763529.2. Local number Su-34. U.S. Geol. Survey. Near Forksville. Drilled observation water-table well in shale of Catskill Formation, Mississippian and Devonian age, diam 6 in, depth 50 ft, cased to 34. Lsd 1,080 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 7.42 below lsd, June 23, 1972; lowest 31.12 below lsd, Sept. 4, 1966. Records available: 1965-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	27.70	23.20	28.68	25.50	27.70	28.59	27.52	29.50	29.99	29.43	28.70	25.50
10	28.15	25.45	28.64	26.56	27.68	26.70	28.45	29.12	29.23	29.52	26.45	25.10
15	27.60	26.87	28.45	27.34	26.00	26.33	28.99	29.43	24.99	29.60	25.49	26.41
20	26.17	26.74	23.20	27.82	26.08	26.91	29.05	39.80	27.81	29.50	20.63	28.00
25	26.30	27.48	21.07	27.80	25.95	27.70	29.15	39.82	28.72	29.41	24.75	28.35
Eom	23.50	28.69	24.80	28.00	23.20	26.60	29.49	30.05	29.26	28.10	25.89	25.92
1969												
5	27.48	27.77	28.50	25.93	26.60	28.20	28.13	25.42	29.13	29.30	28.70	27.32
10	28.10	28.50	28.88	23.00	26.40	28.60	28.73	26.73	29.06	29.55	22.53	27.32
15	29.10	28.87	29.20	25.70	26.00	28.10	28.10	27.85	29.50	29.72	24.90	24.20
20	28.45	28.97	28.90	26.18	26.78	26.44	27.82	27.48	29.49	29.79	24.20	25.66
25	28.30	28.53	27.62	24.70	27.35	26.40	26.90	28.53	29.72	29.66	24.72	26.71
Eom	27.30	28.53	25.83	25.25	28.22	27.35	24.30	29.15	29.76	29.81	26.32	26.96
1970												
5	26.93	19.80	26.68	.....	26.22	26.95	26.83	27.42	29.22	29.05	25.72	26.58
10	26.93	23.70	26.82	.....	27.35	25.90	27.75	28.19	29.50	29.42	26.53	27.10
15	27.19	23.75	27.21	25.60	27.47	27.29	25.45	28.55	29.35	28.80	.....	e25.7
20	26.77	25.28	27.20	26.34	23.70	26.50	17.45	28.90	29.21	27.79	.....	25.35
25	26.87	25.70	24.96	26.05	25.28	27.51	24.90	28.42	29.55	24.40	24.80	25.22
Eom	26.65	.....	22.20	.....	25.45	.....	26.82	29.19	.....	26.42	26.10	26.39
1971												
5	27.11	.....	23.70	25.91	27.59	28.40	29.65	23.00	29.42	28.60	27.72	25.72
10	25.56	.....	23.75	26.58	27.75	28.90	29.90	26.55	29.50	28.83	27.92	21.70
15	26.43	.....	22.75	26.57	26.70	29.08	30.00	28.50	28.77	27.72	27.23	24.30
20	27.70	24.72	23.27	27.00	26.24	29.11	30.06	29.20	28.58	28.42	28.15	25.58
25	.....	21.75	24.90	27.60	26.52	29.30	30.03	29.25	27.62	28.60	28.21	26.70
Eom	.....	e17.0	25.90	27.60	27.66	29.51	29.11	28.30	28.03	28.51	27.41	26.90
1972												
5	24.88	25.97	20.60	25.79	22.29	25.50	e24.	28.15	29.46	29.80	29.09	24.77
10	25.80	26.87	22.70	25.89	23.09	26.84	e25.	27.93	29.72	29.66	26.05	21.10
15	24.57	25.90	22.50	25.02	24.60	27.78	26.62	28.68	29.48	29.83	21.60	23.95
20	25.18	25.33	21.59	21.60	25.78	26.30	24.59	28.87	29.56	29.89	24.53	25.29
25	25.12	26.10	21.25	24.75	27.00	18.00	26.51	29.24	29.68	29.47	25.39	22.80
Eom	25.25	26.57	24.95	26.32	27.83	e22.	27.80	29.20	29.77	29.31	23.30	24.70

e Estimated.

Susquehanna County

415025N0755242.1. Local number Sq-1. Carlton Farm. Montrose. Dug unused water-table well in sand and gravel of Quaternary age (previously reported in drift of Pleistocene age), diam 4 ft, depth 38 ft, cased with stone. Lsd 1,690 ft above msl. MP top of wooden platform, 0.15 ft above lsd (since July 1968). Highest water level 0.55 below lsd, Apr. 8, 1970; lowest 11.40 below lsd, Dec. 29, 1961. Records available: 1930-72.

415025N0755242.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 10, 1968	6.31	Aug. 11, 1969	4.27	Nov. 12, 1970	6.65	Dec. 4, 1971	6.03
21	7.39	18	3.95	22	4.65	27	5.25
31	6.63	25	5.23	Dec. 2	5.05	Jan. 8, 1972	5.15
Feb. 14	5.47	Sept. 2	5.95	16	5.45	15	4.60
Mar. 16	6.47	15	7.30	26	5.65	22	4.80
Apr. 6	3.20	29	7.75	Jan. 2, 1971	6.04	Feb. 5	5.65
17	4.80	Oct. 29	4.95	9	5.34	12	7.25
27	6.17	Dec. 8	5.25	17	5.90	Mar. 4	4.78
May 5	6.77	Jan. 26, 1970	6.65	23	5.75	12	5.15
14	6.76	Feb. 5	3.90	30	6.75	24	3.54
June 1	3.60	14	3.45	Feb. 8	8.35	31	3.35
July 15	6.84	21	5.20	13	8.33	Apr. 9	3.95
23	5.35	Mar. 4	5.85	21	7.00	24	3.45
30	8.51	14	4.75	Mar. 6	4.75	May 6	2.70
Aug. 10	8.75	21	6.55	13	4.55	20	3.98
29	8.20	31	2.15	20	2.95	June 3	6.00
Sept. 7	7.17	Apr. 8	1.55	Apr. 4	2.80	11	5.22
21	6.52	18	1.15	10	.99	19	5.85
Oct. 25	8.35	21	2.55	17	4.10	26	2.15
Nov. 11	6.95	29	3.32	May 1	5.35	July 3	3.85
Dec. 19	5.05	May 14	2.95	8	5.25	Aug. 5	7.15
Jan. 11, 1969	7.20	June 23	5.75	17	4.65	12	6.35
27	7.73	11	5.85	23	4.75	29	7.29
Feb. 5	7.90	26	1.35	29	5.20	Sept. 5	7.00
13	8.25	July 3	8.50	June 7	6.90	16	8.51
27	7.85	10	8.50	July 16	8.50	23	1.15
Mar. 6	7.05	19	8.15	22	8.60	30	5.75
14	8.86	27	4.85	Aug. 14	6.80	Oct. 13	4.30
21	7.13	Aug. 1	5.85	28	7.52	16	4.40
Apr. 17	5.09	9	5.70	Sept. 7	7.33	23	5.39
June 21	4.55	17	6.65	20	7.55	31	5.21
28	4.90	23	7.40	Oct. 4	7.30	Nov. 12	2.75
July 12	4.35	29	7.80	16	7.58	18	2.75
19	7.59	Sept. 7	6.65	24	7.85	26	1.97
28	5.95	Oct. 6	3.25	Nov. 3	7.98	Dec. 11	2.44
Aug. 3	5.43	26	5.03	13	7.50	19	3.05

Tioga County

414510N0773333.1. Local number Ti-1. Mrs. Ruth K. Wilson. Gaines. Dug unused water-table well in sand and gravel of Quaternary age (previously reported of Pleistocene age), diam 30 in, depth 23 ft, cased with stone. Lsd 1,290 ft above msl. MP top of wooden cover, 3.80 ft above lsd. Highest water level 4.17 below lsd, Apr. 22, 1961; lowest 22.04 below lsd, Nov. 6, 1963. Records available: 1935-72.

Jan. 6, 1968	18.30	Nov. 16, 1968	19.34	Oct. 4, 1969	20.45	Aug. 15, 1970	17.74
13	19.10	23	15.48		20.11	22	18.01
20	18.95	30	13.75		20.65	29	17.35
27	18.50	7	11.93	25	20.90	Sept. 5	16.50
Feb. 3	12.17	14	13.54	Nov. 1	21.95	12	17.15
10	9.95	21	16.70	7	18.90	19	15.88
17	12.90	28	17.40	15	16.10	26	17.00
24	16.35	Jan. 4, 1969	14.22	22	13.30	Oct. 3	15.60
Mar. 2	17.84	11	16.77	29	13.37	10	13.34
9	18.53	18	17.59	Dec. 6	14.44	17	7.69
16	18.58	25	16.56	13	11.60	24	6.99
23	14.10	1	15.75	20	9.95	31	9.25
30	9.51	8	15.36	27	12.13	Nov. 7	11.43
Apr. 6	7.50	22	17.17	Jan. 3, 1970	13.67	14	5.55
13	10.93	Mar. 1	17.24	10	14.79	21	5.85
20	14.03	8	17.44	17	15.73	29	9.80
27	16.08	15	17.96	24	15.84	Dec. 5	10.85
May 4	16.33	22	17.99	31	15.65	12	11.61
11	16.57	29	18.01	Feb. 7	8.82	19	11.48
18	15.62	5	15.78	14	9.40	26	10.03
25	12.10	Apr. 12	10.90	21	10.60	Jan. 2, 1971	10.95
June 1	6.39	19	11.18	28	8.78	9	13.52
8	8.30	26	6.35	Mar. 7	10.05	16	15.52
15	10.10	May 3	8.05	14	8.39	23	17.44
22	11.75	10	10.25	21	9.85	30	18.00
29	11.85	17	11.35	28	5.53	Feb. 6	18.38
July 6	12.75	24	5.34	Apr. 4	5.60	13	18.55
13	16.23	31	7.35	11	6.97	20	16.85
20	18.25	June 7	9.62	18	9.30	27	11.03
27	18.27	14	11.54	25	10.27	Mar. 6	6.32
Aug. 3	18.33	21	10.65	May 2	10.57	13	7.89
10	17.70	28	12.61	9	12.60	20	5.56
17	18.54	July 5	16.15	16	11.14	27	7.04
24	18.84	12	17.65	23	10.88	Apr. 3	6.58
Sept. 7	19.39	19	18.00	30	7.18	10	8.85
14	17.32	26	17.00	June 6	8.95	17	9.77
21	15.18	Aug. 2	18.05	13	11.72	24	13.75
28	17.64	9	18.32	20	13.30	May 1	15.60
Oct. 5	18.25	16	21.10	27	18.10	8	16.45
12	17.84	23	18.50	July 4	16.40	15	17.35
19	19.25	30	18.85	11	16.59	22	15.14
26	18.95	Sept. 6	19.25	18	12.56	29	16.05
Nov. 2	18.98	13	19.60	25	11.53	June 5	17.64
9	20.57	20	20.24	Aug. 1	13.55	12	18.13
	20.20	27	16.44	8	16.93	19	16.28

414510N0773333.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
June 26, 1971	17.60	Nov. 13, 1971	18.87	Apr. 1, 1972	8.60	Aug. 19, 1972	18.75
July 3	18.34	20	19.35	8	11.95	26	18.70
10	18.95	27	20.10	15	12.65	Sept. 2	19.25
17	18.92	Dec. 4	19.54	22	7.90	9	19.80
24	18.90	11	16.85	29	12.22	16	20.09
31	18.89	18	16.00	May 6	13.80	23	20.23
Aug. 1	18.87	25	16.85	15	11.38	30	20.45
14	19.30	Jan. 1, 1972	13.75	20	12.80	Oct. 7	19.40
21	19.70	8	13.95	27	15.07	14	19.17
28	20.00	15	14.66	June 3	16.70	21	19.78
Sept. 4	20.50	22	14.82	10	17.09	28	19.82
11	20.60	28	14.85	17	15.08	Nov. 4	18.35
18	20.55	Feb. 5	14.86	24	6.99	11	16.70
25	18.85	12	14.82	July 1	5.88	18	12.73
Oct. 2	17.65	19	14.90	8	8.05	25	14.47
9	18.15	26	16.70	15	11.85	Dec. 2	13.55
16	18.43	Mar. 4	7.05	22	11.29	9	7.35
23	19.09	11	5.80	29	13.83	16	8.80
30	18.65	18	5.85	Aug. 5	17.09	23	8.99
Nov. 6	18.65	25	6.00	12	18.05	30	11.40

Union County

405928N0771155.1. Local number Un-51. U.S. Geol. Survey. Robert B. Winter State Park. Drilled observation artesian well in Reedsville Shale, Ordovician age, diam 6 in, depth 115 ft, cased to 91. Lsd 1,550 ft above msl. MP is top of plywood cover, 3.58 ft above lsd. Highest water level 25.46 below lsd, June 30, 1972; lowest 41.50 below lsd, Nov. 5-8, 1972. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	34.20	38.08
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.40	34.80	38.23
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.45	35.60	38.11
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.32	36.48	37.22
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	39.62	37.12	36.45
Eom	.....	.....	.....	.....	.....	.....	.....	.....	.....	36.00	37.72	36.89
1968												
5	.....	39.46	39.45	34.61	38.52	32.85	37.42	39.85	40.76	40.50	40.27	35.70
10	.....	39.45	39.58	34.10	38.73	34.10	38.10	40.03	40.78	40.56	40.53	35.40
15	.....	39.48	39.70	36.30	38.71	34.95	38.61	40.21	40.59	40.62	40.30	35.20
20	38.88	39.40	39.45	37.10	38.60	34.70	39.05	40.38	40.55	40.68	39.27	.....
25	39.18	39.38	38.33	37.70	38.39	35.43	39.31	40.51	40.50	40.69	36.05	37.20
Eom	39.40	39.38	34.30	38.18	36.55	36.73	39.62	40.65	40.50	40.71	35.40	37.91
1969												
5	38.40	.....	40.48	40.02	35.80	38.02	39.61	40.32	.....	.....	40.95	37.13
10	38.80	.....	40.53	39.46	.....	38.32	.....	40.37	.....	.....	40.65	37.31
15	39.18	.....	40.63	38.30	.....	38.61	.....	40.42	.....	.....	40.08	37.03
20	39.41	40.30	40.65	37.50	.....	38.88	.....	40.46	.....	.....	39.34	36.30
25	39.58	.....	40.50	36.70	37.52	39.18	40.26	40.48	40.79	41.06	38.45	36.19
Eom	.....	.....	40.28	35.92	37.80	39.40	40.32	.....	.....	41.11	37.37	36.88
1970												
5	37.45	39.17	37.87	34.60	34.80	37.88	39.45	40.35	40.90	41.30	40.77	35.40
10	37.95	38.77	38.03	31.80	36.10	37.98	39.62	40.47	40.99	41.33	40.35	36.53
15	38.40	38.15	38.23	27.50	37.02	38.29	39.80	40.59	41.02	41.40	37.75	37.21
20	.....	37.80	38.39	26.85	37.60	38.65	39.92	40.69	41.10	41.44	31.45	37.75
25	38.98	37.69	38.49	30.70	37.99	38.92	40.07	40.75	41.19	41.18	32.80	37.95
Eom	39.27	.....	37.90	.....	38.02	.....	40.22	40.82	.....	41.10	34.15	38.28
1971												
5	38.47	39.04	33.72	36.27	37.20	37.95	39.56	40.30	40.90	39.36	37.95	38.55
10	38.55	39.25	33.90	35.10	37.97	38.40	39.71	40.39	40.98	39.07	37.35	38.40
15	38.58	39.20	35.10	30.13	38.25	38.70	39.85	40.52	40.86	38.97	37.20	36.70
20	38.60	39.05	35.48	31.01	38.14	38.99	40.00	40.60	40.75	39.05	37.32	34.70
25	.....	38.25	34.98	33.96	37.50	39.22	40.13	40.72	40.37	39.00	37.82	35.34
Eom	38.87	36.89	35.80	36.03	37.54	39.38	40.25	40.83	39.85	38.74	38.21	36.48
1972												
5	37.19	38.14	37.72	32.30	35.77	36.54	30.15	37.67	40.15	41.04	41.50	40.16
10	37.70	38.18	38.70	32.88	.....	36.78	33.75	38.35	40.35	41.13	41.40	38.65
15	38.09	38.25	34.25	33.20	.....	36.97	35.45	38.85	40.51	41.22	41.31	35.20
20	38.27	38.47	35.25	31.15	.....	37.34	35.47	39.25	40.66	41.30	41.11	34.56
25	38.34	38.62	32.75	32.02	35.00	.....	35.30	39.57	40.81	41.36	40.95	34.60
Eom	38.18	38.75	32.02	34.40	35.85	h25.46	36.75	39.92	40.94	41.44	40.52	33.20

h Tape measurement.

Washington County

400220N0801217.1. Local number Ws-1. Floyd King. Amity. Dug domestic water-table well in limestone of Washington Formation, Permian age, diam 40 in, depth 36 ft, cased with stone to 4. Lsd 1,196 ft above msl. MP top of brass plate under trap door, 0.70 ft above lsd. Highest water level 7.85 below lsd, Dec. 16, 1972; lowest dry, July 17, 1965. Records available: 1936-72.

400220N0801217.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 6, 1968	23.81	Apr. 12, 1969	19.81	July 13, 1970	18.81	Oct. 3, 1971	19.81
13	25.81	19	15.89	18	22.81	9	19.84
20	23.85	26	15.85	25	22.83	16	29.87
27	15.81	May 3	16.87	Aug. 1	22.81	23	28.81
Feb. 3	11.81	7	14.83	8	22.85	30	28.89
10	11.89	17	14.81	15	27.81	6	29.81
17	11.85	24	19.81	22	26.89	13	29.83
24	11.83	31	19.85	29	22.86	20	29.87
Mar. 2	12.85	June 7	20.81	Sept. 5	22.89	27	26.89
9	14.81	14	19.89	12	22.87	Dec. 4	26.87
16	10.89	21	22.85	19	23.81	11	25.81
23	11.81	28	24.89	26	26.81	18	25.83
30	11.85	July 5	17.81	Oct. 3	26.83	25	23.85
Apr. 6	13.85	12	16.89	10	26.85	Jan. 1, 1972	16.90
13	14.90	19	14.81	17	30.81	8	16.81
20	14.84	26	14.83	24	28.87	15	15.89
27	14.85	Aug. 2	20.83	31	22.81	22	11.81
May 4	16.65	9	14.87	Nov. 7	20.81	29	11.85
11	16.84	16	14.81	14	18.81	Feb. 5	11.89
18	12.81	23	11.85	21	16.81	12	13.81
25	8.87	30	18.83	29	18.83	19	13.83
June 1	11.81	Sept. 6	21.81	Dec. 5	28.81	26	8.81
8	15.81	12	24.83	12	15.46	Mar. 5	8.85
15	19.50	20	24.89	21	11.85	11	8.85
22	20.84	27	26.83	26	12.81	18	8.89
29	21.86	Oct. 4	29.81	Jan. 2, 1971	12.83	25	8.87
July 6	22.81	11	29.83	9	12.81	Apr. 1	9.81
13	23.81	18	29.89	16	14.86	8	10.85
20	27.81	25	32.85	23	14.89	15	10.87
Aug. 3	27.81	Nov. 1	31.85	30	15.81	22	8.83
10	24.81	8	32.81	Feb. 6	15.83	29	8.85
24	24.89	15	31.86	12	15.85	May 6	9.81
31	28.81	22	30.89	20	9.88	13	15.88
Sept. 7	28.82	29	31.82	27	9.81	20	16.81
14	28.81	Dec. 6	21.81	Mar. 2	15.88	27	18.81
21	28.63	13	22.81	9	9.85	June 3	18.89
28	28.88	20	21.85	13	13.23	10	19.81
Oct. 5	28.89	27	21.81	20	11.85	17	19.87
12	28.90	Jan. 3, 1970	21.85	27	15.88	July 1	16.81
19	28.87	10	21.83	Apr. 3	15.89	8	10.81
26	28.85	17	16.89	10	20.81	15	10.85
Nov. 2	29.84	24	16.81	17	20.85	22	11.81
9	25.81	31	12.81	24	22.81	29	14.89
16	28.81	Feb. 7	11.81	May 1	22.85	Aug. 3	15.81
23	27.85	14	11.83	8	10.89	12	15.85
30	25.81	21	14.81	15	11.81	19	16.85
Dec. 7	25.83	28	14.83	22	12.83	26	21.81
14	26.81	Mar. 7	14.81	29	13.48	Sept. 2	21.85
21	26.61	14	14.87	June 5	12.87	9	21.89
28	25.81	21	14.89	12	12.85	16	22.85
Jan. 4, 1969	25.89	28	10.83	19	12.89	23	25.81
11	25.85	Apr. 4	10.83	26	19.81	30	23.81
18	25.87	11	11.81	July 3	27.81	Oct. 7	20.85
25	20.81	18	12.87	10	26.85	14	22.81
Feb. 1	16.87	25	15.86	17	27.87	21	20.86
8	15.85	May 2	18.82	24	19.87	28	20.81
15	15.83	9	19.81	31	20.81	Nov. 4	19.81
22	18.83	16	18.83	Aug. 7	20.85	11	14.86
Mar. 1	20.81	23	18.87	14	21.81	18	14.89
8	21.81	30	20.81	21	23.81	25	14.81
15	21.85	June 6	20.85	28	22.89	Dec. 2	15.81
22	27.81	13	20.83	Sept. 4	21.81	9	7.90
29	22.86	20	23.81	11	23.81	16	7.85
Apr. 5	17.83	27	23.83	18	22.81	23	8.81
		July 4	18.83	25	18.87	30	12.83

J High reading due to flood.

Wayne County

414333N0751532.1. Local number Wn-64. U.S. Geol. Survey. State Game Land No. 159. Drilled observation artesian well in sand and gravel of glacial outwash, Quaternary age, diam 6 in, depth 52 ft, cased to 52. Lsd 1,330 ft above msl. MP top of plywood cover, 2.57 ft above lsd. Highest water level 7.88 below lsd, Nov. 17, 1972; lowest 31.95 below lsd, Nov. 5, 1970. Records available: 1967-72.

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

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.20	27.59
10	28.65	27.41
15	28.48	26.45
20	31.10	28.42	26.89
25	30.89	28.03	26.95
Eom	30.15	27.69	.....

414333N0751532.1--Continued.

1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	.....	26.71	25.80	22.90	25.93	30.20	31.30	30.31	30.80	27.55
10	.....	.....	.....	.....	25.75	24.72	27.12	30.38	31.25	31.42	30.32	27.72
15	.....	.....	.....	.....	24.70	25.75	28.07	30.65	30.85	31.42	29.50	27.90
20	.....	.....	.....	.....	24.41	25.84	28.80	30.85	30.98	31.35	28.20	28.25
25	.....	.....	27.31	27.42	24.10	26.81	29.32	30.98	30.09	31.38	27.99	28.41
Eom	.....	.....	26.80	26.10	23.15	25.62	29.83	31.20	30.24	31.03	27.90	28.35
1969												
5	28.39	28.40	29.35	26.90	26.53	28.10	27.83	28.42	29.1	30.95	31.45	29.59
10	28.72	28.50	29.40	26.30	26.10	28.53	28.60	27.99	29.4	31.10	30.70	29.13
15	29.15	28.80	29.64	26.40	25.82	28.78	29.20	27.90	29.9	31.21	30.43	28.60
20	29.33	29.00	29.55	26.13	26.23	27.29	29.50	27.80	30.5	31.32	30.11	28.57
25	29.28	29.10	28.00	25.03	26.00	26.80	29.82	28.2	30.7	31.38	29.69	28.66
Eom	28.99	29.28	27.38	25.73	27.20	26.90	29.28	28.7	30.89	31.49	29.43	28.73
1970												
5	28.80	28.15	28.03	25.42	25.61	27.29	.....	.....	31.44	30.91	31.95	.....
10	28.76	27.41	28.03	24.50	26.01	28.20	.....	.....	31.36	30.80	31.84	.....
15	28.90	26.99	28.19	.....	26.95	28.82	.....	.....	31.22	30.89	.....	.....
20	.....	27.33	28.37	.....	26.94	.....	.....	31.55	31.20	30.97	28.90	.....
25	28.81	27.56	27.93	24.47	25.95	.....	30.38	31.52	31.08	31.49	.....	28.70
Eom	28.87	.....	26.60	.....	26.25	.....	31.40	.....	31.80	.....	.....	28.63
1971												
5	28.60	29.09	26.29	25.40	25.69	27.72	30.11	30.71	31.12	31.46	31.34	30.02
10	28.97	29.30	26.22	24.53	25.62	28.46	30.33	30.91	31.26	31.52	31.13	22.13
15	28.94	28.75	26.22	23.79	24.62	28.87	30.53	31.11	31.30	31.44	31.01	.....
20	28.73	27.80	25.39	24.20	24.50	29.27	30.70	31.21	31.37	31.53	30.83	.....
25	.....	27.10	26.00	25.55	25.20	29.61	30.86	31.33	.....	31.55	30.70	.....
Eom	28.85	26.44	26.32	26.10	26.62	29.88	30.98	31.00	31.42	31.50	30.53	27.53
1972												
5	27.39	28.42	27.63	25.97	25.40	26.02	23.93	29.30	30.49	30.90	28.5	26.59
10	27.55	28.81	27.69	26.10	24.69	26.13	25.00	29.55	30.70	30.73	19.10	25.60
15	27.70	28.70	27.50	25.17	24.73	26.98	26.10	29.80	30.79	30.69	8.97	25.78
20	27.70	28.45	26.90	25.05	24.89	27.62	27.33	29.94	30.85	30.71	26.56	26.49
25	28.03	28.55	26.22	24.80	25.52	.....	28.18	30.18	30.88	30.69	26.53	26.00
Eom	28.05	28.66	26.59	25.71	26.88	24.89	28.95	30.25	30.79	30.46	26.21	26.00

Westmoreland County

402138N0790318.1. Local number We-300. U.S. Geol. Survey. State Game Land No. 42. Drilled observation artesian well in shale of Conemaugh Formation, Pennsylvanian age, diam 6 in, depth 110 ft, cased to 22. Lsd 1,270 ft above msl. MP top of plywood cover, 3.05 ft above lsd. Highest water level 15.54 below lsd, Apr. 22, 1972; lowest 29.22 below lsd, July 3, 1968. Records available: 1968-72.

Lowest water level for the day, from recorder graph, 1968												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	.....	.....	22.90	20.15	21.18	25.75	29.21	26.70	24.30	24.30	23.66	20.83
10	.....	.....	22.70	19.95	20.88	25.82	29.12	26.39	24.29	24.31	23.17	20.65
15	.....	21.50	22.28	20.03	20.90	26.15	28.91	25.57	24.21	24.30	.....	.....
20	.....	21.80	21.15	20.40	20.30	26.22	28.72	25.28	24.30	24.12	.....	20.31
25	.....	23.12	20.65	20.70	26.80	.....	28.10	24.50	24.18	24.06	21.96	19.99
Eom	.....	22.80	20.25	20.80	26.10	29.11	27.75	24.33	24.31	24.03	21.69	19.21
1969												
5	19.18	18.48	18.55	17.58	17.84	19.08	20.14	19.62	20.30	20.30	19.46	18.63
10	19.40	18.46	18.44	17.54	18.12	19.37	20.12	19.66	20.20	20.08	19.10	18.60
15	19.45	18.41	18.93	17.85	18.24	19.62	20.31	19.70	20.11	19.97	18.68	18.12
20	19.40	18.70	.....	18.12	17.98	19.83	20.30	19.72	20.19	19.89	18.33	17.94
25	19.20	18.37	18.15	17.85	17.78	19.00	19.86	19.77	20.14	19.86	18.17	18.12
Eom	18.86	18.49	18.31	17.81	18.64	20.10	19.86	20.21	20.20	19.77	17.96	18.05
1970												
5	17.90	17.38	16.75	16.72	17.72	18.62	17.70	19.51	19.96	.....	19.74	17.97
10	17.76	16.56	16.94	16.80	18.14	19.10	17.90	19.25	20.10	.....	19.50	18.80
15	18.07	17.02	.....	17.12	18.64	19.42	18.41	19.39	20.34	.....	19.00	18.70
20	17.97	17.16	.....	16.80	17.73	18.34	19.16	19.55	20.37	.....	18.41	17.47
25	17.72	16.72	16.83	17.12	17.61	17.45	19.53	19.67	.....	20.17	18.44	17.37
Eom	17.61	.....	17.01	.....	18.22	.....	19.71	19.86	.....	20.20	18.28	.....
1971												
5	.....	.....	16.77	17.31	18.63	18.46	18.97	18.42	18.01	18.04	18.58	18.15
10	.....	.....	16.86	17.59	17.01	18.64	19.18	17.80	18.53	18.62	18.31	17.50
15	.....	.....	16.24	17.54	16.70	18.53	19.10	18.26	18.52	19.14	18.72	17.84
20	.....	.....	16.32	17.26	16.66	18.14	19.16	18.71	17.38	19.38	18.85	18.16
25	17.59	16.53	16.70	17.20	17.12	18.18	19.16	18.80	17.38	19.31	18.67	18.14
Eom	17.47	16.65	16.80	17.64	18.11	18.44	19.20	18.00	17.52	19.01	17.30	.....
1972												
5	.....	18.82	16.83	16.92	16.52	18.60	17.25	19.25	19.76	20.01	18.74	17.77
10	.....	18.93	16.85	16.36	16.34	18.88	17.39	19.25	19.92	19.82	18.28	17.55
15	.....	18.60	16.17	15.92	15.90	18.91	18.30	19.31	19.96	19.46	18.17	17.49
20	.....	18.64	16.30	15.79	16.52	18.48	18.35	19.33	20.16	19.35	17.86	17.46
25	18.57	18.04	.....	15.76	17.46	.....	18.80	19.43	20.22	19.04	17.53	17.57
Eom	18.47	17.45	16.56	16.08	18.10	.....	19.22	19.66	20.15	19.02	18.00	.....

York County

400317N0764520.1. Local number Yo-180. New York Wire Cloth Co. Near Zions View. Drilled unused artesian well in shale of New Oxford Formation, Triassic age, diam 8 in, depth 490 ft, casing information not available. Lsd 360 ft above msl. MP top of casing, at lsd. Highest water level 20.08 below lsd, Apr. 30, 1968; lowest 37.55 below lsd, Nov. 3, 4, 1963. Records available: 1962-72.

Lowest water level for the day, from recorder graph, 1968

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5	29.25	26.18	30.51	27.40	30.80	27.56	29.10	32.19	34.56	34.27	34.60	30.20
10	29.68	36.03	31.35	28.20	31.28	26.89	30.00	32.35	34.30	34.39	34.60	30.03
15	29.50	26.70	31.10	29.05	31.60	26.70	30.86	32.88	32.38	34.53	33.12	29.91
20	28.40	27.70	29.40	29.80	31.57	27.09	31.53	33.30	33.05	34.49	31.70	30.01
25	27.31	29.03	28.25	30.25	31.60	27.90	32.09	....	33.42	34.08	30.67	30.15
Eom	27.00	29.62	27.28	20.08	29.20	28.23	32.40	34.21	33.85	34.30	30.90	30.25

1969

5	30.55	32.31	31.88	31.04	30.88	32.68	32.40	26.00	28.96	31.90	33.89	33.63
10	31.20	32.21	31.42	30.72	31.22	32.70	32.86	24.42	28.95	32.20	33.53	33.25
15	31.97	32.43	31.70	30.65	31.70	32.50	33.20	25.91	29.91	32.62	33.60	31.57
20	32.41	32.78	31.83	30.42	32.01	31.98	33.25	26.47	30.63	32.95	33.56	30.88
25	32.70	32.29	31.80	30.11	32.01	....	30.95	27.00	31.23	33.40	33.23	30.16
Eom	32.80	32.03	31.36	30.45	32.68	31.98	28.10	28.40	31.90	33.85	33.22	29.30

1970

5	28.10	26.02	25.00	22.16	22.00	28.90	25.78	27.20	31.31	32.70	....	27.50
10	27.62	25.10	25.40	22.20	23.30	28.41	24.82	27.90	31.72	32.86	....	27.65
15	27.90	24.21	25.52	22.50	24.79	29.00	23.49	28.89	32.32	33.02	....	27.39
20	....	24.25	25.40	21.90	25.60	28.53	23.61	29.70	32.54	33.01	....	26.38
25	28.00	....	24.40	21.50	26.91	27.04	25.00	30.20	32.61	32.24	27.91	25.34
Eom	27.80	....	23.62	....	28.25	....	26.50	30.80	32.46	....	27.80	24.94

1971

5	24.80	26.08	23.70	24.73	28.81	24.71	26.31	....	....	....	....	23.25
10	24.28	25.96	23.14	25.21	28.51	23.78	27.20	25.58	....	....	....	....
15	24.36	25.50	23.18	25.84	27.61	23.59	27.61	25.91	....	....	....	....
20	24.60	25.30	....	26.58	26.32	....	28.40	....	....	....	....	....
25	....	24.50	....	27.48	25.91	24.44	....	....	....	....	26.20	....
Eom	25.62	24.09	23.73	28.25	26.10	25.40	....	29.68	....	28.82	....	24.93

1972

5	24.55	....	21.67	22.49	21.70	23.96	21.51	27.16	30.13	31.34	30.97	....
10	23.92	....	22.11	23.46	21.32	24.70	21.94	27.70	30.53	31.47	30.58	....
15	....	....	22.18	23.66	20.52	25.07	22.75	28.20	30.69	....	29.92	....
20	....	....	22.11	22.09	20.87	25.50	24.26	28.61	31.01	....	29.09	....
25	....	....	21.55	21.48	22.30	22.20	25.39	29.18	30.98	....	28.40	23.00
Eom	....	22.70	21.82	21.56	23.72	....	26.50	29.65	31.10	30.98	....	23.10

References

- Becher, A. E., 1970, Ground water in Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. ES 3, 42 p.
- _____, 1971, Hydrogeologic controls on and water-quality effects of a gasoline spill near Mechanicsburg, Pennsylvania: U.S. Geol. Survey open-file report.
- Biesecker, J. E., Lescinsky, J. B., and Wood, C. R., 1968, Water resources of The Schuylkill River Basin: Pennsylvania Dept. of Forest and Waters, Water Resources Bull. 3, 198 p.
- Carswell, L. D., Hollowell, J. R., and Platt, L. B., 1968, Geology and hydrology of The Martinsburg Formation in Dauphin County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-24, 54 p.
- Flippo, H. N., Jr., and Wood, C. R., 1968, Water-level contour maps of the carbonate rocks of the Great Valley in Lehigh County, Pennsylvania: U.S. Geol. Survey open-file report.
- Gallaher, J. T., 1973, Summary of ground-water resources in Allegheny County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-35.
- Growitz, D. J. and Lloyd, O. B., Jr., 1971, Relationship between ground-water levels and quality in shallow observation wells, Muddy Creek Basin, southeastern York County, Pennsylvania: U.S. Geol. Survey Prof. Paper 750-D, p. D178-D181.
- Hollowell, J. R., 1971, Hydrology of the Pleistocene sediments in the Wyoming Valley, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-28, 77 p.
- Johnston, H. E., 1970, Ground-water resources of the Mifflintown and Loysville quadrangles, Pennsylvania: Pennsylvania Geol. Survey 4th ser., Bull. W-27, 96 p.
- Kimmel, G. E., and Schiner, G. R., 1967, Progress report on the ground water conditions of the Shenango and Stoneboro 15-minute quadrangles, Pennsylvania: U.S. Geol. Survey open-file report.
- Meisler, Harold, and Becher, A. E., 1971, Hydrology of the carbonate rocks of the Lancaster 15-minute quadrangle, southeastern Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-26, 149 p.
- Newport, T. G., 1971, Summary of ground-water resources in Montgomery County: Pennsylvania Geol. Survey, 4th ser., Bull. W-29, 83 p.
- _____, 1973, Summary of ground-water resources in Clarion County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-32.
- _____, 1973, Summary of ground-water resources of Westmoreland County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-37.
- _____, 1973, Summary of ground-water resources of Washington County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-38.
- _____, 1973, Summary of ground-water resources of Luzerne County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-40.
- Newport, T. G., Koester, H. E., and Bergin, M. J., 1971, Geology, hydrology, and geochemistry of the Black Creek watershed near Mocaqua, Luzerne County, Pennsylvania: U.S. Geol. Survey open-file report.
- Poth, C. W., 1968, Hydrology of the metamorphic and igneous rocks of central Chester County: Pennsylvania Geol. Survey, 4th ser., Bull. W-25, 84 p.
- _____, 1969, Progress report on the hydrology of the Martinsburg Formation in Lehigh and Northampton Counties, Pennsylvania: U.S. Geol. Survey open-file report.
- _____, 1973, Hydrology of the Martinsburg Formation in Lehigh and Northampton Counties, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-30.

References--Continued.

- Poth, C. W., 1973, Summary of ground-water resources in Armstrong County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-34.
- _____, 1973, Summary of ground-water resources of Butler County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-35.
- _____, 1973, Summary of ground-water resources of Beaver County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-39.
- Schiner, G. R., and Kimmel, G. E., 1973, *Geology and hydrology of northern Mercer County, Pennsylvania*: Pennsylvania Geol. Survey, 4th ser., Bull. W-33.
- Seater, P. R., 1968, An appraisal of the ground-water resources of the upper Susquehanna River Basin in Pennsylvania: U.S. Geol. Survey open-file report.
- Wood, C. R., 1972, Ground-water flow: *Photogrammetric Engineering*, April 1972, 347-352 p.
- Wood, Charles, Filippo, Jr., Herbert N., and Lescinsky, Joseph B., 1973, Water resources of Lehigh County, Pennsylvania: Pennsylvania Geol. Survey, 4th ser., Bull. W-31.

RHODE ISLAND

The observation-well program in Rhode Island was continued during 1968 through 1972 in cooperation with the Rhode Island Water Resources Coordinating Board. Figure 13 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, designated by a three-letter abbreviation of a city or town name and serial numbers assigned within each city or town, have been continued in this report for the convenience of local users and for easy reference to previously published data.

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.

Kent County

414022N0713328.1. Local number Cov 411. Robert Card. Powhatan Ave., near Washington. Dug unused water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 26 ft, cased with concrete. Lsd 260 ft above msl. MP hole in top of wooden cover, 1.98 ft above lsd. Highest water level 18.50 below lsd, Dec. 27, 1972; lowest 23.73 below lsd, Jan. 29, 1966. Records available: 1961-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	20.68	Apr. 25, 1969	19.72	July 25, 1970	21.45	Oct. 25, 1971	22.51
Feb. 26	20.82	May 24	19.84	Aug. 28	21.93	Nov. 26	22.70
Mar. 26	19.15	June 25	20.86	Sept. 24	22.20	Dec. 27	22.19
Apr. 25	19.91	July 28	21.44	Oct. 24	22.47	Jan. 22, 1972	21.62
May 25	20.67	Aug. 26	21.64	Nov. 21	21.70	Feb. 24	21.02
June 25	20.79	Sept. 25	22.07	Dec. 29	21.40	Mar. 25	19.22
July 25	21.23	Oct. 25	22.42	Jan. 23, 1971	21.45	Apr. 22	20.02
Aug. 26	21.52	Nov. 22	21.86	Feb. 20	21.14	May 27	19.15
Sept. 25	22.03	Dec. 29	19.61	Mar. 27	20.34	June 24	19.16
Oct. 26	22.52	Jan. 24, 1970	19.97	Apr. 24	20.35	July 22	19.93
Nov. 23	22.16	Feb. 21	19.50	May 24	20.43	Aug. 24	21.32
Dec. 26	21.25	Mar. 27	20.32	June 26	20.98	Sept. 23	21.86
Jan. 25, 1969	21.33	Apr. 25	18.87	July 24	21.49	Oct. 28	21.82
Feb. 27	21.80	May 23	20.70	Aug. 25	22.00	Nov. 25	20.10
Mar. 26	19.69	June 27	21.02	Sept. 25	22.30	Dec. 27	18.50

Providence County

415626N0712546.1. Local number Cum 265. Matthew J. Partridge. 27 Scott Rd., near Ashton. Dug unused water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 20 ft, lined with stone. Lsd about 130 ft above msl. MP hole in wooden cover, 0.36 ft above lsd. Highest water level 9.60 below lsd, Mar. 26, 1969; lowest 17.20 below lsd, Sept. 29, 1949. Records available: 1946-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	11.94	Apr. 25, 1969	10.79	July 24, 1970	14.51	Oct. 25, 1971	15.10
Feb. 26	12.77	May 24	12.70	Aug. 28	15.80	Nov. 26	12.91
Mar. 26	10.55	June 25	13.82	Sept. 24	16.04	Dec. 27	11.67
Apr. 25	12.78	July 28	15.38	Oct. 24	15.56	Jan. 22, 1972	11.52
May 25	12.86	Aug. 26	14.91	Nov. 21	12.21	Feb. 24	10.38
June 25	12.30	Sept. 25	14.10	Dec. 29	11.34	Mar. 25	10.51
July 25	13.73	Oct. 25	14.15	Jan. 23, 1971	11.94	Apr. 22	11.70
Aug. 26	15.38	Nov. 22	11.89	Feb. 20	10.97	May 27	11.37
Sept. 25	15.54	Dec. 29	9.97	Mar. 27	11.42	June 24	11.19
Oct. 26	15.93	Jan. 24, 1970	12.48	Apr. 24	12.08	July 22	12.95
Nov. 23	12.49	Feb. 21	11.47	May 24	11.62	Aug. 24	13.89
Dec. 26	11.67	Mar. 27	11.44	June 26	13.70	Sept. 23	13.21
Jan. 25, 1969	12.48	Apr. 25	12.43	July 24	15.18	Oct. 28	12.73
Feb. 27	12.46	May 23	12.50	Aug. 25	16.08	Nov. 25	10.24
Mar. 26	9.60	June 27	13.26	Sept. 25	16.26	Dec. 27	10.63

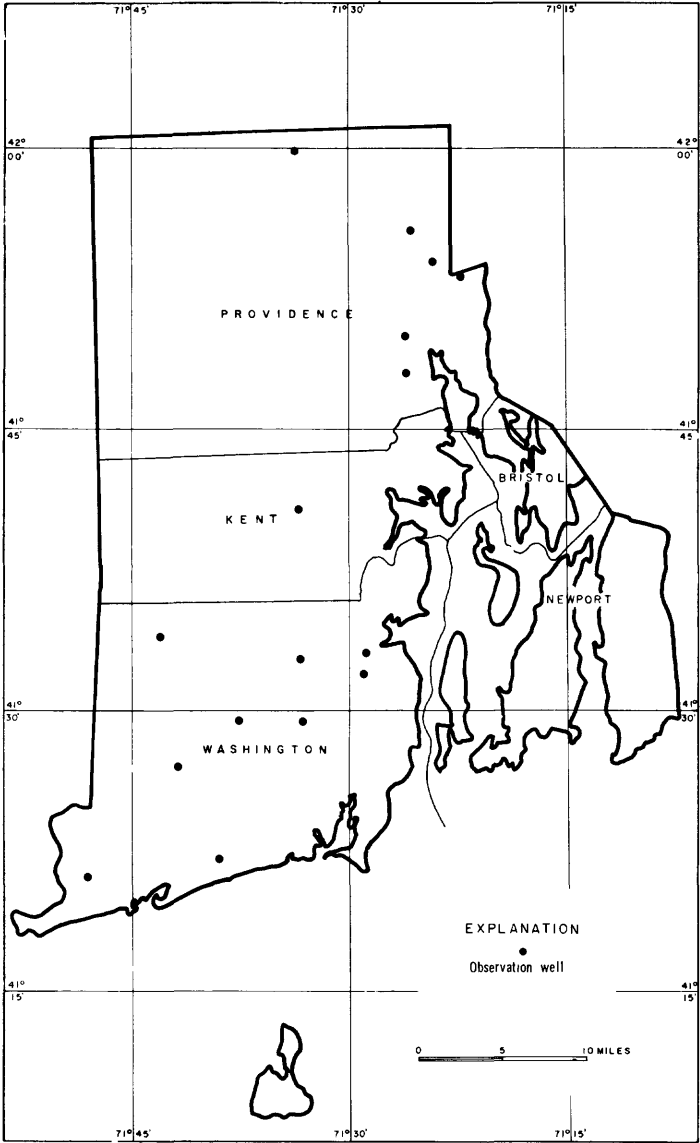


Figure 13.--Location of observation wells in Rhode Island, 1968-72.

415437N0712422.1. Local number Lin 84. Maplehurst Farm, Inc. Between Blackstone River and Front St., Lonsdale. Drilled unused water-table well in sand and gravel of Pleistocene age, diam 8 in, depth 107 ft, cased to 107, open bottom. Lsd about 60 ft above msl. MP inside lower 11p of 8-in pipe, 3.32 ft above lsd. Highest water level 0.02 above lsd, Mar. 26, 1969; lowest 7.30 below lsd, Aug. 24, 1966. Records available: 1946-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	-4.99	Apr. 25, 1969	-2.74	July 24, 1970	-5.91	Oct. 25, 1971	-6.23
Feb. 26	5.41	May 24	3.37	Aug. 28	5.68	Nov. 26	6.16
Mar. 26	2.03	June 25	6.60	Sept. 24	5.85	Dec. 27	5.85
Apr. 25	4.99	July 28	6.99	Oct. 24	5.30	Jan. 22, 1972	5.93
May 25	5.40	Aug. 26	7.05	Nov. 21	5.28	Feb. 24	5.75
June 25	5.43	Sept. 25	6.95	Dec. 29	5.72	Mar. 25	2.70
July 25	6.32	Oct. 25	7.09	Jan. 23, 1971	5.82	Apr. 22	3.35
Aug. 26	6.79	Nov. 22	5.51	Feb. 20	4.64	May 27	4.99
Sept. 25	6.94	Dec. 29	2.77	Mar. 27	3.14	June 24	3.50
Oct. 26	7.23	Jan. 24, 1970	4.82	Apr. 24	4.73	July 22	5.57
Nov. 23	6.43	Feb. 21	3.65	May 24	3.71	Aug. 24	6.42
Dec. 26	5.20	Mar. 27	3.81	June 26	5.58	Sept. 23	6.01
Jan. 25, 1969	5.26	Apr. 25	4.24	July 24	6.02	Oct. 28	6.13
Feb. 27	-6.31	May 23	3.84	Aug. 25	6.13	Nov. 25	3.93
Mar. 26	+0.02	June 27	5.19	Sept. 25	6.16	Dec. 27	3.51

415948N0713250.1. Local number Nsm 21. Thomas E. Esty. State Highway 146, near Branch Village. Dug domestic water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 16 ft, cased with tile, open bottom. Lsd 238.68 ft above mal. MP hole in wooden cover at top of tile casing, 2.08 ft below lsd. Highest water level 3.67 below lsd, Mar. 26, 1969; lowest 11.71 below lsd, Oct. 28, 1957. Records available: 1947-72. Water levels affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	6.75	May 24, 1969	6.87	Aug. 28, 1970	10.08	Nov. 26, 1971	9.21
Feb. 26	7.48	June 25	7.89	Sept. 24	10.17	Dec. 27	8.47
Mar. 26	7.06	July 28	7.31	Oct. 24	10.33	Jan. 22, 1972	7.17
Apr. 25	7.39	Aug. 26	9.12	Nov. 21	9.30	Feb. 24	6.85
May 25	7.56	Sept. 25	9.04	Dec. 29	8.52	Mar. 25	5.10
June 25	7.10	Oct. 25	9.03	Jan. 23, 1971	7.88	Apr. 22	6.27
July 25	8.41	Nov. 22	6.68	Feb. 20	5.95	May 27	6.61
Aug. 26	9.27	Dec. 29	4.77	Mar. 27	6.37	June 24	5.77
Sept. 25	9.69	Jan. 24, 1970	7.35	Apr. 24	7.22	July 22	7.94
Oct. 26	10.06	Feb. 21	6.65	May 24	6.74	Aug. 24	6.42
Nov. 23	8.42	Mar. 27	6.42	June 26	8.52	Sept. 23	8.70
Dec. 26	7.52	Apr. 25	6.03	July 24	9.38	Oct. 28	8.67
Jan. 25, 1969	7.23	May 23	7.95	Aug. 25	10.08	Nov. 25	5.89
Feb. 27	3.67	June 27	7.83	Sept. 25	10.43	Dec. 27	5.69
Mar. 26	4.75	July 24	9.00	Oct. 25	10.19		

415138N0712204.1. Local number Paw 136. Greenhalgh Mills, Inc. 314 Woodbine St., Pawtucket. Drilled unused water-table well in gravel of Pleistocene age, diam 2 in, depth 43 ft, cased to 40, screened about 40-43. Lsd about 86 ft above msl. MP top of casing, 3.15 ft above lsd. Highest water level 2.32 below lsd, Dec. 27, 1972; lowest 7.28 below lsd, Jan. 29, 1966. Records available: 1962-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	4.50	May 24, 1969	3.61	Aug. 28, 1970	5.22	Nov. 26, 1971	5.84
Feb. 26	4.45	June 25	4.52	Sept. 24	5.60	Dec. 27	5.49
Mar. 26	2.92	July 28	5.04	Oct. 24	5.68	Jan. 22, 1972	5.35
Apr. 25	3.72	Aug. 26	4.97	Nov. 21	5.41	Feb. 24	5.20
May 25	4.23	Sept. 25	5.08	Dec. 28	5.30	Mar. 25	3.38
June 26	4.08	Oct. 25	5.25	Jan. 23, 1971	5.29	Apr. 22	3.59
July 25	4.47	Nov. 22	5.03	Feb. 20	4.59	May 27	3.28
Aug. 26	4.83	Dec. 29	3.22	Mar. 27	3.95	June 24	3.05
Sept. 25	5.23	Jan. 24, 1970	3.87	Apr. 24	3.96	July 22	3.42
Oct. 26	6.69	Feb. 21	2.85	May 24	4.33	Aug. 24	3.92
Nov. 23	5.28	Mar. 24	3.54	June 26	4.77	Sept. 23	3.67
Dec. 26	5.01	Apr. 25	2.87	July 24	5.14	Oct. 28	4.17
Jan. 25, 1969	4.93	May 23	3.24	Aug. 25	5.14	Nov. 25	3.24
Feb. 27	3.91	June 27	4.22	Sept. 25	5.43	Dec. 27	2.32
Mar. 26	3.34	July 24	4.56	Oct. 25	5.61		

414746N0712556.1. Local number Pro 48. Gorham Manufacturing Co. 333 Adelaide Ave., Providence. Drilled unused artesian well in sand and gravel of Pleistocene age, diam 8 in, depth 124 ft, cased to 116, screened 116-124. Lsd 45.79 ft above msl. MP top edge of hole in center of steel cover, 0.48 ft below lsd. Highest water level 5.08 below lsd, Apr. 20, May 4, 1953; lowest 10.22 below lsd, Oct. 20, 1947. Records available: 1944-72. Water levels affected by pumping.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	8.53	Apr. 25, 1969	7.73	July 25, 1970	8.29	Oct. 25, 1971	8.15
Feb. 26	8.42	May 24	7.77	Aug. 28	7.97	Nov. 26	8.12
Mar. 26	7.60	June 25	8.14	Sept. 24	7.83	Dec. 27	8.20
Apr. 25	7.64	July 28	8.44	Oct. 24	7.71	Jan. 22, 1972	8.18
May 27	7.77	Aug. 26	8.57	Nov. 21	6.99	Feb. 24	7.99
June 25	7.88	Sept. 25	8.65	Dec. 28	7.41	Mar. 25	7.27
July 25	8.03	Oct. 25	8.79	Jan. 23, 1971	7.52	Apr. 22	7.13
Aug. 26	8.31	Nov. 22	8.50	Feb. 20	7.51	May 27	7.82
Sept. 25	8.61	Dec. 29	7.89	Mar. 27	7.42	June 24	6.48
Oct. 26	8.76	Jan. 24, 1970	8.43	Apr. 24	7.48	July 22	6.76
Nov. 23	8.58	Feb. 21	7.61	May 24	7.30	Aug. 24	6.90
Dec. 26	8.38	Mar. 27	7.60	June 26	7.45	Sept. 23	6.61
Jan. 25, 1969	8.28	Apr. 25	7.16	July 24	7.66	Oct. 28	6.84
Feb. 27	8.04	May 23	7.40	Aug. 25	7.94	Nov. 25	6.29
Mar. 26	7.78	June 27	7.55	Sept. 25	8.13	Dec. 27	5.92

414939N0712608.1. Local number Pro 1051. U.S. Rubber Co. 10 Eagle St., Providence. Drilled unused water-table well in sand and gravel of Pleistocene age, diam 10 in, depth 82 ft, cased to 82, open bottom. Lsd about 10 ft above msl. MP floor of recorder shelter, 1.65 ft above lsd. Highest water level 1.17 below lsd, Sept. 2, 1954; lowest 16.10 below lsd, Jan. 16, 1948. Records available: 1948-72. Water levels affected by pumping.

414939N0712608.1--Continued.

Lowest water level for the month, from recorder graph

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 20, 1968	6.31	Apr. 19, 1969	5.52	July 2, 1970	4.80	Oct. 19, 1971	9.54
Feb. 8	7.51	May 3	5.63	Aug. 29	4.93	Nov. 27	7.50
Mar. 7	7.54	June 27	5.97	Sept. 4	4.95	Dec. 4	8.14
Apr. 4	6.92	July 19	6.69	Oct. 3	4.99	Jan. 14, 1972	7.96
May 25	5.17	Aug. 20	8.94	Nov. 20	4.87	Feb. 11	7.84
June 22	5.33	Sept. 13	6.67	Dec. 19	4.93	Apr. 5	7.36
July 31	8.64	Oct. 10	6.42	Jan. 16, 1971	4.87	May 27	6.66
Aug. 1	8.62	Nov. 5	5.59	Feb. 5	5.07	June 24	7.38
Sept. 28	6.54	Dec. 6	4.18	Mar. 31	4.73	July 1	7.24
Oct. 11	7.08	Jan. 31, 1970	3.52	Apr. 2	4.98	Aug. 11	7.20
Nov. 1	6.80	Feb. 28	4.39	May 8	4.68	Sept. 30	7.43
Dec. 13	5.15	Mar. 27	4.57	June 30	5.18	Oct. 20	8.03
Jan. 17, 1969	5.17	Apr. 18	4.30	July 2	5.57	Nov. 2	7.53
Feb. 1	4.57	May 16	4.64	Aug. 31	7.06	Dec. 20	6.42
Mar. 27	4.66	June 12	5.11	Sept. 26	9.35		

Washington County

412214N0713940.1. Local number Cha 18. U.S. Naval Auxiliary Air Station. Post Rd., near Charlestown. Drilled unused water-table well in sand and clay of Pleistocene age, diam 8 in, depth 32 ft, cased to 32, open bottom. Lsd about 26 ft above msl. MP top of casing, at lsd. Highest water level 12.79 below lsd, Apr. 25, 1953; lowest 21.63 below lsd, Dec. 29, 1965. Records available: 1946-72.

Jan. 27, 1968	16.67	Apr. 25, 1969	15.55	July 25, 1970	13.23	Oct. 25, 1971	20.78
Feb. 26	16.71	May 24	16.41	Aug. 28	19.25	Nov. 26	21.14
Mar. 26	13.21	June 25	17.65	Sept. 24	19.78	Dec. 27	19.87
Apr. 25	15.54	July 28	18.89	Oct. 24	20.10	Jan. 22, 1972	18.27
May 25	17.01	Aug. 26	18.54	Nov. 21	17.76	Feb. 24	17.39
June 25	17.55	Sept. 25	19.16	Dec. 29	16.87	Mar. 25	14.19
July 25	17.93	Oct. 25	19.44	Jan. 23, 1971	16.98	Apr. 22	15.45
Aug. 26	19.17	Nov. 22	17.75	Feb. 20	17.43	May 18	14.38
Sept. 25	20.12	Dec. 29	15.31	Mar. 27	15.92	June 24	14.38
Oct. 26	20.78	Jan. 24, 1970	16.00	Apr. 24	16.50	July 22	15.78
Nov. 23	20.48	Feb. 21	16.10	May 24	16.55	Aug. 24	17.67
Dec. 26	19.04	Mar. 27	16.91	June 26	17.55	Sept. 23	18.60
Jan. 25, 1969	18.27	Apr. 25	14.34	July 24	17.85	Oct. 28	18.70
Feb. 27	17.91	May 23	16.33	Aug. 25	19.79	Nov. 25	16.00
Mar. 26	17.09	June 27	17.36	Sept. 25	20.33	Dec. 27	13.52

413423N0714319.1. Local number Exe 6. State Dept. of Agriculture and Conservation. Arcadia State Forest. Ten Rod Rd., near Millville. Dug unused water-table well in sand and gravel of Pleistocene age, diam 39 in, depth 10 ft, cased with concrete to 10, open bottom. Lsd about 130 ft above msl. MP hole on east side of concrete cover, at lsd (since Apr. 25, 1969). Highest water level 3.27 below lsd, Dec. 27, 1972; lowest 7.74 below lsd, Sept. 27, 1957. Records available: 1948-72.

Jan. 27, 1968	5.60	Apr. 25, 1969	3.81	July 25, 1970	6.74	Oct. 25, 1971	7.40
Feb. 26	5.94	May 24	5.02	Aug. 28	6.63	Nov. 26	6.80
Mar. 26	4.26	June 25	6.22	Sept. 24	6.78	Dec. 27	6.52
Apr. 25	5.18	July 28	6.85	Oct. 24	6.63	Jan. 22, 1972	6.00
May 25	5.38	Aug. 26	6.53	Nov. 21	6.33	Mar. 25	3.56
June 25	5.88	Sept. 25	6.44	Dec. 29	6.40	Apr. 22	4.31
July 25	6.53	Oct. 25	7.14	Jan. 23, 1971	6.53	May 18	4.62
Aug. 26	7.05	Nov. 22	6.35	Feb. 20	5.88	June 24	3.44
Sept. 25	7.37	Dec. 29	4.04	Mar. 27	5.04	July 22	5.03
Oct. 26	7.45	Jan. 24, 1970	5.61	Apr. 24	5.52	Aug. 24	5.74
Nov. 23	6.66	Feb. 21	4.72	May 24	5.54	Sept. 23	5.86
Dec. 26	6.18	Mar. 27	4.67	June 26	6.49	Oct. 28	5.98
Jan. 25, 1969	5.99	Apr. 25	4.28	July 24	6.77	Nov. 25	4.00
Feb. 27	6.39	May 23	5.40	Aug. 25	7.32	Dec. 27	3.27
Mar. 26	3.78	June 27	6.03	Sept. 25	7.49		

413307N0713236.1. Local number Exe 16. State Dept. of Public Welfare. Dr. Joseph H. Ladd School, near Exeter. Driven unused water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 27 ft, cased to 27, open bottom. Lsd 154.47 ft above msl. MP top of casing, 1.78 ft above lsd. Highest water level 7.38 below lsd, Apr. 15, 1953; lowest 15.40 below lsd, Oct. 30, 1957. Records available: 1946-72.

Jan. 27, 1968	10.56	Apr. 25, 1969	9.87	July 25, 1970	11.51	Oct. 25, 1971	13.04
Feb. 26	9.90	May 24	9.84	Aug. 28	12.55	Nov. 26	13.37
Mar. 26	8.65	June 25	10.81	Sept. 24	12.20	Dec. 27	12.53
Apr. 25	9.36	July 28	12.12	Oct. 24	13.50	Jan. 22, 1972	11.99
May 25	10.32	Aug. 26	12.70	Nov. 21	12.56	Mar. 25	9.22
June 25	10.94	Sept. 25	13.41	Dec. 29	11.06	Apr. 22	8.93
July 25	11.79	Oct. 25	14.02	Jan. 23, 1971	11.06	May 18	8.67
Aug. 26	12.93	Nov. 22	13.38	Feb. 20	9.68	June 24	8.65
Sept. 25	13.62	Dec. 29	11.34	Mar. 27	9.64	July 22	8.94
Oct. 26	14.12	Jan. 24, 1970	10.45	Apr. 24	9.88	Aug. 24	10.24
Nov. 23	14.01	Feb. 21	9.82	May 24	10.46	Sept. 23	11.10
Dec. 26	13.10	Mar. 27	10.05	June 26	11.29	Oct. 28	12.38
Jan. 25, 1969	12.57	Apr. 25	8.85	July 24	12.03	Nov. 25	10.61
Feb. 27	12.27	May 23	9.70	Aug. 25	12.68	Dec. 27	8.59
Mar. 26	11.21	June 27	10.62	Sept. 25			

413148N0712816.1. Local number Nok 255. Lawrence Smith. Pendar Rd., near Allenton. Dug unused water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 14 ft, cased with concrete. Lsd about 50 ft above msl. MP top edge of casing on west rim of well, at lsd. Highest water level 3.81 below lsd, Mar. 26, 1968; lowest 12.33 below lsd, Sept. 27, 1966. Records available: 1954-63, 1966-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	6.88	Apr. 25, 1969	6.02	July 25, 1970	9.12	Oct. 25, 1971	10.24
Feb. 26	7.13	May 24	6.88	Aug. 28	9.87	Nov. 26	9.64
Mar. 26	3.81	June 25	8.51	Sept. 24	9.76	Dec. 27	8.33
Apr. 25	5.71	July 28	9.64	Oct. 24	9.42	Jan. 22, 1972	9.07
May 25	6.25	Aug. 26	9.93	Nov. 21	8.25	Feb. 24	8.40
June 25	6.97	Sept. 25	10.23	Dec. 29	8.76	Mar. 25	6.90
July 25	7.62	Oct. 25	10.36	Jan. 23, 1971	8.98	Apr. 22	7.52
Aug. 26	8.71	Nov. 22	8.77	Feb. 20	8.60	May 27	6.60
Sept. 25	9.30	Dec. 29	6.33	Mar. 27	7.50	June 24	4.94
Oct. 26	9.53	Jan. 24, 1970	8.45	Apr. 24	8.15	July 22	7.77
Nov. 23	8.15	Feb. 21	7.54	May 24	7.36	Aug. 24	9.02
Dec. 26	7.33	Mar. 27	7.27	June 26	8.60	Sept. 23	8.02
Jan. 25, 1969	8.17	Apr. 25	6.98	July 24	9.34	Oct. 28	8.94
Feb. 27	8.38	May 23	7.44	Aug. 25	9.66	Nov. 25	7.09
Mar. 26	6.27	June 27	8.34	Sept. 25	10.14	Dec. 27	6.32

413308N0712805.1. Local number Nok 450. Richard S. Bannister. 890 Tower Hill Rd., Belleville. Dug unused water-table well in sand and gravel of Pleistocene age, diam 24 in, depth 17 ft, cased with concrete. Lsd 60 ft above msl. MP hole in top of wooden base, 2.80 ft above lsd. Highest water level 9.85 below lsd, June 24, 1972; lowest 16.45 below lsd, Dec. 29, 1965. Records available: 1961-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	12.28	Apr. 25, 1969	11.78	July 25, 1970	13.36	Oct. 25, 1971	15.57
Feb. 26	12.41	May 24	12.37	Aug. 28	14.43	Nov. 26	15.22
Mar. 26	9.88	June 25	13.33	Sept. 24	14.86	Dec. 27	14.42
Apr. 25	11.32	July 28	14.10	Oct. 24	14.61	Jan. 22, 1972	13.70
May 25	12.39	Aug. 26	14.73	Nov. 21	13.70	Feb. 24	12.67
June 25	13.16	Sept. 25	15.10	Dec. 29	13.46	Mar. 25	11.39
July 25	13.82	Oct. 25	15.43	Jan. 23, 1971	13.33	Apr. 22	11.65
Aug. 26	14.79	Nov. 22	14.36	Feb. 20	12.22	May 27	10.58
Sept. 25	15.53	Dec. 29	11.54	Mar. 27	11.63	June 24	9.85
Oct. 26	16.01	Jan. 24, 1970	12.19	Apr. 24	12.10	July 22	11.45
Nov. 23	15.20	Feb. 21	11.37	May 24	12.22	Aug. 24	12.60
Dec. 26	14.04	Mar. 27	11.75	June 26	13.22	Sept. 23	13.37
Jan. 25, 1969	13.39	Apr. 25	10.73	July 24	13.87	Oct. 28	13.48
Feb. 27	13.49	May 23	11.80	Aug. 25	14.63	Nov. 25	12.20
Mar. 26	11.85	June 27	12.54	Sept. 25	15.31	Dec. 27	10.42

412717N0714153.1. Local number Ric 231. N. D. MacLeod. Narragansett Trail, near Wood River Jct. Dug unused water-table well in sand and gravel of Pleistocene age, diam 30 in, depth 29 ft, lined with stone. Lsd about 84 ft above msl. MP hole in top of wooden cover, 0.36 ft above lsd (since Feb. 21, 1968). Highest water level 20.65 below lsd, May 23, 1958; lowest dry, several times, 1965-67. Records available: 1955-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	25.09	Apr. 25, 1969	24.73	July 25, 1970	24.10	Oct. 25, 1971	26.87
Feb. 26	24.34	May 24	24.16	Aug. 28	24.96	Nov. 26	26.86
Mar. 26	22.58	June 25	24.49	Sept. 24	25.64	Dec. 27	27.84
Apr. 25	22.04	July 28	25.11	Oct. 24	26.29	Jan. 22, 1972	27.69
May 25	22.83	Aug. 26	25.75	Nov. 21	26.25	Feb. 24	27.23
June 25	22.51	Sept. 25	26.40	Dec. 29	25.88	Mar. 25	25.38
July 25	24.03	Oct. 25	27.01	Jan. 23, 1971	25.37	Apr. 22	24.61
Aug. 26	24.78	Nov. 22	27.45	Feb. 20	25.02	May 27	22.80
Sept. 25	25.61	Dec. 29	26.99	Mar. 27	23.83	June 24	21.71
Oct. 26	26.40	Jan. 24, 1970	25.48	Apr. 24	23.49	July 22	21.20
Nov. 23	27.04	Feb. 21	24.73	May 24	23.44	Aug. 24	22.37
Dec. 26	26.64	Mar. 27	24.52	June 26	24.18	Sept. 23	23.58
Jan. 25, 1969	26.41	Apr. 25	22.75	July 24	24.80	Oct. 28	24.64
Feb. 27	26.12	May 23	23.14	Aug. 25	25.58	Nov. 25	24.65
Mar. 26	25.78	June 27	23.57	Sept. 25	26.33	Dec. 27	22.89

412918N0713210.1. Local number Sok 6. University of Rhode Island. Thirty Acre Rd., Kingston. Drilled unused water-table well in sand and gravel of Pleistocene age, diam 10 in, depth 34 ft, cased to 34, open bottom. Lsd 111.89 ft above msl. MP top edge of concrete casing on south rim of well, 7.92 below lsd, Apr. 12, 13, 1958; lowest 15.06 below lsd, Dec. 29, 1965. Records available: 1947, 1955-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	11.34	Feb. 27, 1969	13.08	May 23, 1970	11.98	Oct. 25, 1971	14.44
Feb. 26	11.34	Mar. 26	11.66	June 27	12.71	Feb. 24, 1972	12.13
Mar. 26	9.15	Apr. 25	11.53	Aug. 28	13.60	Mar. 25	10.38
Apr. 25	10.75	June 25	13.29	Sept. 24	13.71	Apr. 22	10.80
May 25	11.89	July 28	13.86	Oct. 24	13.79	May 27	9.62
June 25	12.70	Aug. 26	14.07	Nov. 21	12.72	June 24	9.66
July 25	13.10	Sept. 25	13.96	Jan. 23, 1971	11.54	July 22	10.58
Aug. 26	13.70	Oct. 25	14.19	Feb. 20	11.47	Aug. 24	11.64
Sept. 25	13.96	Nov. 22	13.40	Mar. 27	12.40	Sept. 23	12.50
Oct. 26	14.62	Jan. 24, 1970	11.86	Apr. 24	13.03	Oct. 28	12.75
Nov. 23	14.25	Feb. 21	11.50	May 24	13.62	Nov. 25	11.49
Dec. 26	13.41	Mar. 27	10.96	June 26	14.15	Dec. 27	9.97
Jan. 25, 1969	13.35						

412923N0713616.1. Local number Sok 515. R. R. Holley. Laurel Lane Golf Course, near West Kingston. Dug unused water-table well in sand and gravel of Pleistocene age, diam 36 in, depth 30 ft, lined with stone. Lsd 127.84 ft above msl. MP top edge of concrete casing on south rim of well, 2.03 ft above lsd (since July 7, 1969). Highest water level 24.38 below lsd, Apr. 18, 1958, Mar. 26, 1968; lowest 30.11 below lsd, Oct. 25, 1969. Records available: 1955-72.

412923N0713616.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Jan. 27, 1968	26.05	May 24, 1969	26.09	Aug. 28, 1970	28.78	Nov. 26, 1971	29.37
Feb. 26	26.43	June 25	27.18	Sept. 24	28.55	Dec. 27	28.14
Mar. 26	24.38	July 28	28.07	Oct. 24	28.94	Jan. 22, 1972	27.32
Apr. 25	25.95	Aug. 26	28.77	Nov. 21	27.12	Feb. 24	26.95
May 25	26.83	Sept. 25	29.79	Dec. 28	26.64	Mar. 25	24.82
June 26	27.33	Oct. 25	30.11	Jan. 23, 1971	26.97	Apr. 22	25.70
July 25	27.98	Nov. 22	28.10	Feb. 20	26.53	May 27	25.06
Aug. 26	28.93	Dec. 29	26.44	Mar. 27	25.53	June 24	24.67
Sept. 25	29.70	Jan. 24, 1970	26.27	Apr. 24	26.17	July 22	25.97
Oct. 26	29.68	Feb. 21	25.46	May 24	26.27	Aug. 24	27.53
Nov. 23	28.63	Mar. 27	26.29	June 26	27.45	Sept. 23	28.15
Dec. 26	27.49	Apr. 25	25.31	July 24	28.19	Oct. 28	27.77
Jan. 25, 1969	27.39	May 23	26.35	Aug. 25	28.82	Nov. 25	26.90
Mar. 26	26.42	June 27	27.03	Sept. 25	29.38	Dec. 27	24.96
Apr. 25	25.39	July 25	27.74	Oct. 25	29.44		

412117N0714755.1. Local number Wes 401. Charles W. Holt. Old Post Rd., north of Westerly State Airport, near Westerly. Dug unused water-table well in sand and gravel of Pleistocene age, diam 36 in, depth 11 ft, lined with stone. Lsd about 45 ft above msl. MP top edge of top stone on southwest rim of well, at lsd. Highest water level 3.74 below lsd, Mar. 26, 1968; lowest dry, several times, 1963, 1965-66, 1968, 1971. Records available: 1959-72. Well destroyed; measurement discontinued.

Jan. 27, 1968	7.10	Mar. 26, 1969	6.75	May 23, 1970	6.84	July 24, 1971	(f)
Feb. 26	7.67	Apr. 25	6.32	June 27	7.89	Aug. 25	(f)
Mar. 26	3.74	May 24	7.38	July 25	8.20	Sept. 25	(f)
Apr. 25	6.16	June 25	8.61	Aug. 28	9.47	Oct. 25	(f)
May 25	6.54	July 28	9.57	Sept. 24	9.30	Nov. 26	(f)
June 25	7.28	Aug. 26	9.75	Oct. 24	9.37	Dec. 27	0.11
July 25	8.19	Sept. 25	10.08	Nov. 21	7.16	Mar. 25, 1972	5.90
Aug. 26	9.56	Oct. 25	8.96	Dec. 28	7.57	Apr. 22	6.38
Sept. 25	10.33	Nov. 22	8.50	Jan. 23, 1971	7.88	May 27	5.98
Oct. 26	(f)	Dec. 29	4.71	Feb. 20	7.57	June 24	3.78
Nov. 23	9.08	Jan. 24, 1970	7.49	Mar. 27	6.65	July 22	6.47
Dec. 26	7.81	Feb. 21	6.73	Apr. 24	7.50	Aug. 24	7.74
Jan. 25, 1969	8.46	Mar. 27	6.80	May 24	6.76	Sept. 23	7.80
Feb. 27	8.11	Apr. 25	5.68	June 26	(f)	Oct. 28	8.50

f Dry.

VERMONT

The observation-well program in Vermont was continued during the 1968 through 1972 period in cooperation with the Vermont Department of Water Resources. Figure 14 shows the location of the 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, designated by town or city name and serial numbers assigned within each city or town, have been continued in this report for the convenience of local users and for easy reference to previously published data.

Well Descriptions and Water-Level Measurements

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

Bennington County

424810N0731604.1. Local number Pownal 1. Robert Rudd, Sr. At North Pownal. Dug unused water-table well in sand and gravel, diam 24 in, depth 18 ft, cased with stone. Lsd about 515 ft above msl. MP top of 3/4-in diam hole drilled in center of 3/8-in thick steel cover, at lsd. Highest water level 10.88 below lsd, Apr. 9, 1970; lowest 16.59 below lsd, Oct. 19, 1964. Records available: 1964-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Oct. 19, 1964	16.59	Nov. 27, 1965	14.39	Feb. 2, 1967	13.87	Mar. 9, 1968	14.09
27	16.55	Dec. 6	14.38	9	13.69	15	14.25
Nov. 5	16.51	14	14.37	15	13.68	22	13.80
11	16.50	29	14.28	22	13.69	5	13.39
17	16.52	Jan. 2, 1966	14.25	8	13.87	10	13.05
24	16.53	17	14.22	13	13.75	17	13.33
Dec. 1	16.51	26	14.33	21	13.77	24	13.12
12	16.41	Feb. 1	14.30	26	13.77	May 7	13.20
16	16.20	18	13.65	Apr. 4	12.48	14	13.42
30	15.66	25	13.70	10	12.25	22	13.58
Jan. 6, 1965	15.60	Mar. 2	13.70	19	12.03	24	13.54
12	15.62	9	13.10	25	11.79	6	13.80
24	15.73	24	13.20	4	12.66	16	13.75
31	15.73	29	12.96	May 12	13.00	24	13.78
Feb. 4	15.74	Apr. 6	13.15	16	12.91	July 2	13.77
10	15.52	16	13.44	24	13.07	9	13.82
18	15.52	24	13.60	June 12	13.75	18	14.08
27	15.20	May 6	13.79	19	13.54	23	14.25
Mar. 6	15.16	16	13.67	25	13.76	Aug. 2	14.69
18	15.14	20	13.70	July 5	13.80	12	15.00
31	15.07	24	13.73	12	13.94	17	15.02
Apr. 7	15.03	June 7	13.90	21	13.85	23	15.32
14	14.39	14	13.75	25	13.96	Sept. 6	15.68
23	13.85	24	13.93	Aug. 7	13.80	13	15.00
30	13.82	July 2	14.00	25	13.91	18	15.45
May 8	13.83	12	14.48	Sept. 9	14.00	24	15.78
17	13.87	23	14.37	19	14.36	Oct. 1	15.99
21	13.95	Aug. 3	14.94	26	14.60	9	15.82
28	14.02	15	15.24	Oct. 3	14.69	21	16.08
June 2	13.77	22	15.36	17	14.73	24	16.08
9	14.08	Sept. 5	14.12	25	14.74	Nov. 2	16.07
22	14.46	15	15.07	Nov. 2	14.14	8	16.10
July 12	15.05	23	14.18	10	14.14	19	14.98
19	14.98	Oct. 7	14.60	28	13.68	22	14.93
31	15.52	19	15.06	Dec. 7	13.70	Dec. 7	13.71
Aug. 2	15.52	24	14.28	12	13.52	18	13.66
9	15.76	Nov. 7	14.07	15	13.53	24	13.59
20	15.91	14	14.10	21	13.42	Jan. 8, 1969	13.62
26	16.10	21	14.36	Jan. 6, 1968	13.67	15	13.76
Sept. 2	15.22	28	14.51	12	13.75	21	13.63
16	15.57	Dec. 2	14.57	19	13.79	24	13.42
23	15.78	9	14.20	29	13.95	Feb. 5	13.32
Oct. 6	14.97	18	14.24	Feb. 7	13.47	12	13.52
13	14.88	23	14.17	13	13.53	18	13.68
27	15.04	Jan. 9, 1967	14.20	17	13.65	21	13.72
Nov. 12	15.07	21	13.91	22	13.78	Mar. 3	13.80
19	15.02	24	13.92	Mar. 1	13.90	10	13.99

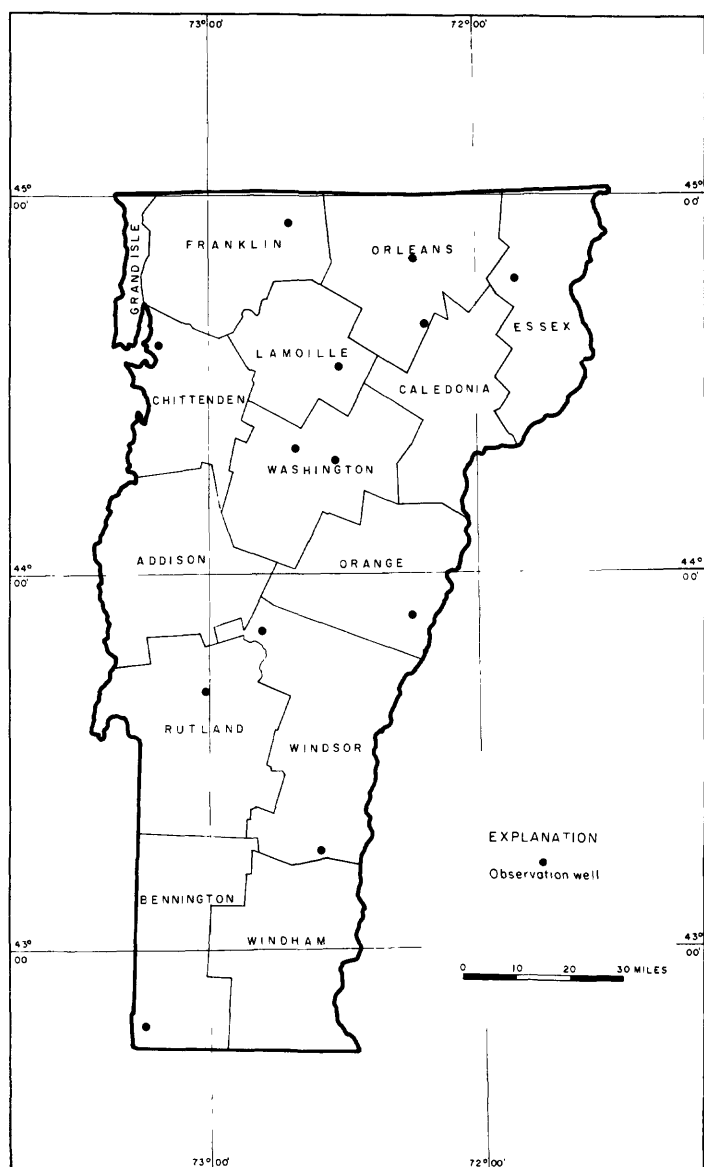


Figure 14.--Location of observation wells in Vermont, 1968-72.

424810N0731604.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Mar. 17, 1969	14.12	Nov. 6, 1969	14.12	July 14, 1970	14.18	Sept. 22, 1971	13.66
24	13.08	19	13.74	25	14.38	Oct. 22	14.54
Apr. 6	11.86	24	13.82	Aug. 23	15.36	Nov. 27	14.12
14	11.95	Dec. 23	13.70	Sept. 22	14.21	Dec. 16	13.68
21	11.99	Jan. 6, 1970	13.77	26	14.45	26	13.62
24	11.63	12	13.81	Oct. 11	13.81	Jan. 27, 1972	13.44
May 5	12.55	19	13.89	24	13.78	Feb. 24	13.72
16	13.10	24	13.99	Nov. 18	13.79	Mar. 9	13.42
20	13.23	Feb. 2	13.79	Dec. 23	13.80	20	12.83
24	13.23	11	12.22	Jan. 23, 1971	14.20	25	12.48
June 2	13.29	17	12.12	Feb. 23	13.72	Apr. 12	13.05
13	13.70	21	12.40	Mar. 13	13.48	27	11.51
19	13.51	Mar. 7	13.27	21	12.30	May 9	11.59
24	13.54	24	13.32	Apr. 10	12.81	24	12.80
July 8	13.76	Apr. 4	11.06	21	13.04	June 21	13.25
16	13.93	9	10.88	26	13.21	25	13.28
23	13.88	13	11.35	May 10	12.72	July 4	12.87
30	13.84	21	12.30	16	12.18	24	13.30
Aug. 4	13.98	28	12.74	June 7	13.48	26	13.40
17	14.39	5	13.14	12	13.63	Aug. 11	13.77
24	14.63	18	13.41	19	13.80	25	14.18
Sept. 5	15.09	22	13.44	July 21	13.79	Sept. 26	14.91
10	14.28	June 4	13.64	Aug. 15	14.12	Oct. 26	14.46
18	14.91	22	13.78	25	14.95	Nov. 25	13.57
26	15.20	24	13.82	30	14.68	Dec. 19	13.50
Oct. 28	15.09	July 8	13.97	Sept. 11	14.44	28	13.57
Nov. 1	15.10						

Chittenden County

443646N0731249.1. Local number Milton 3. U.S. Geol. Survey. At Sandbar Waterfowl Development Area, near Milton. Driven observation water-table well in glacial sand and gravel of Pleistocene age, diam 1 1/4 in, depth 40 ft, well point 38-40. Lsd about 160 ft above msl. MP top of casing, 4.00 ft above lsd. Highest water level 24.63 below lsd, May 24, 1971; lowest 37.82 below lsd, Feb. 26, 1965. Records available: 1956-72.

Jan. 25, 1968	36.53	Apr. 24, 1969	29.32	July 27, 1970	28.14	Oct. 22, 1971	31.20
Feb. 23	36.58	May 23	28.78	Aug. 25	29.46	Nov. 29	32.67
Mar. 26	36.50	June 24	28.13	Sept. 28	31.05	Dec. 27	33.58
Apr. 24	31.50	July 28	29.22	Oct. 26	32.27	Jan. 27, 1972	34.07
May 24	30.49	Aug. 25	30.19	Nov. 18	33.07	Feb. 25	34.47
June 24	31.26	Sept. 25	31.53	Dec. 23	34.02	Mar. 28	35.02
July 25	32.04	Oct. 27	32.71	Jan. 22, 1971	34.69	Apr. 26	29.58
Aug. 23	32.63	Nov. 25	33.59	Feb. 22	35.19	May 24	27.67
Sept. 25	33.48	Dec. 26	34.04	Mar. 25	35.46	June 26	28.05
Oct. 28	34.34	Jan. 23, 1970	34.04	Apr. 26	25.45	July 28	28.43
Nov. 21	35.04	Feb. 23	34.30	May 24	24.63	Aug. 29	29.07
Dec. 23	35.72	Mar. 26	34.36	June 25	25.68	Sept. 25	29.92
Jan. 27, 1969	35.89	Apr. 23	26.45	July 23	26.95	Oct. 25	31.13
Feb. 21	35.80	May 25	30.14	Aug. 24	28.56	Nov. 27	32.40
Mar. 25	35.35	June 24	26.85	Sept. 24	30.04	Dec. 27	33.29

Essex County

444731N0715147.1. Local number Brighton 1. U.S. Geol. Survey. Island Pond. At Brighton State Park Beach, south of the road and just west of the parking lot. Augered observation water-table well in medium and coarse sand, diam 1 1/4 in, depth 35 ft, well point 33-35. Lsd about 1,180 ft above msl. MP top of casing, 4.00 ft above lsd. Highest water level 2.40 below lsd, Apr. 24, 1969; lowest 4.80 below lsd, July 27, 1970. Records available: 1966-72.

Nov. 7, 1966	4.30	May 24, 1968	3.60	Dec. 26, 1969	3.95	July 23, 1971	4.23
22	4.33	June 24	3.91	Jan. 23, 1970	4.18	Aug. 25	4.55
Dec. 20	4.08	July 25	4.52	Feb. 23	3.98	Sept. 24	4.08
Jan. 24, 1967	4.40	Aug. 23	4.62	Mar. 26	4.12	Oct. 22	3.89
Feb. 21	4.53	Sept. 25	3.99	Apr. 23	2.62	Nov. 29	3.64
Mar. 27	4.60	Oct. 28	4.48	May 25	3.53	Dec. 27	3.55
Apr. 27	3.23	Nov. 21	4.16	June 24	4.46	Jan. 27, 1972	3.62
May 24	3.58	Dec. 23	4.06	July 27	4.80	Feb. 25	3.74
June 27	4.05	Jan. 27, 1969	4.33	Aug. 25	4.75	Mar. 28	3.41
July 28	4.49	Feb. 21	4.40	Sept. 28	3.72	Apr. 26	2.73
Aug. 25	4.59	Mar. 25	4.22	Oct. 26	3.49	May 24	3.07
Sept. 28	4.44	Apr. 24	2.40	Nov. 18	3.59	June 26	3.64
Oct. 25	3.44	May 23	2.59	Dec. 23	3.69	July 28	3.68
Nov. 24	3.78	June 24	3.81	Jan. 22, 1971	4.17	Aug. 29	4.09
Dec. 22	3.53	July 28	4.40	Feb. 22	4.10	Sept. 25	4.62
Jan. 26, 1968	4.17	Aug. 25	4.26	Mar. 25	3.94	Oct. 26	4.21
Feb. 23	4.18	Sept. 25	4.60	Apr. 26	2.62	Nov. 27	3.79
Mar. 26	2.87	Oct. 27	4.33	May 24	3.04	Dec. 27	3.89
Apr. 24	3.35	Nov. 25	3.69	June 25	3.79		

Franklin County

445603N0724229.1. Local number Berkshire 1. U.S. Geol. Survey. On Rte. 118 R.O.W., SE end of bridge over Missisquoi River, East Berkshire. Augured observation water-table well in fine sand and gravel, diam 1½ in, depth 51 ft, well point 49-51. Lsd about 425 ft above msl. MP top of casing, 4.00 ft above lsd. Highest water level 10.16 below lsd, Mar. 26, 1968; lowest 15.98 below lsd, Sept. 25, 1968. Records available: 1966-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 8, 1966	15.49	May 24, 1968	13.63	Dec. 26, 1969	13.83	July 23, 1971	15.04
22	15.14	June 24	14.69	Jan. 23, 1970	14.25	Aug. 24	14.87
Dec. 19	14.39	July 25	15.46	Feb. 23	13.65	Sept. 24	14.66
Jan. 24, 1967	14.37	Aug. 23	15.40	Mar. 26	12.91	Oct. 22	15.27
Feb. 21	14.44	Sept. 25	15.98	Apr. 23	10.25	Nov. 29	14.86
Mar. 27	14.33	Oct. 28	15.19	May 25	13.69	Dec. 27	13.44
Apr. 27	12.62	Nov. 21	13.89	June 24	15.36	Jan. 27, 1972	13.39
May 24	13.37	Dec. 23	12.77	July 27	15.61	Feb. 25	14.44
June 27	13.94	Jan. 27, 1969	12.64	Aug. 25	15.73	Mar. 28	12.91
July 28	15.22	Feb. 21	13.42	Sept. 28	12.98	Apr. 26	10.87
Aug. 25	15.10	Mar. 25	12.23	Oct. 26	13.70	May 24	13.52
Sept. 29	14.77	Apr. 24	10.19	Nov. 18	14.22	June 26	14.82
Oct. 25	13.69	May 23	10.77	Dec. 23	13.01	July 28	13.15
Nov. 24	13.43	June 24	14.66	Jan. 22, 1971	13.64	Aug. 29	14.65
Dec. 22	12.82	July 28	15.21	Feb. 22	13.00	Sept. 25	15.88
Jan. 25, 1968	14.10	Aug. 25	15.23	Mar. 25	12.43	Oct. 25	14.92
Feb. 23	13.95	Sept. 25	15.63	Apr. 26	10.75	Nov. 27	14.27
Mar. 26	10.16	Oct. 27	14.83	May 24	12.86	Dec. 27	12.87
Apr. 24	14.04	Nov. 25	13.96	June 25	14.87		

Lamoille County

413405N073225.1. Local number Morristown 1. U.S. Geol. Survey. Vermont Hwy. Dept. of Rte. 15, approximately 3 mi east of Morristown. Augured observation water-table well in silty-fine to medium sand, diam 1½ in, depth 50 ft, well point 48-50. Lsd approximately 660 ft above msl. MP top of casing, approximately 4.00 ft above lsd. Highest water level 16.26 below lsd, Apr. 24, 1969; lowest 20.33 below lsd, Sept. 25, 1968. Records available: 1966-72.

Oct. 31, 1966	20.07	May 24, 1968	18.68	Dec. 26, 1969	18.70	July 23, 1971	19.56
Nov. 22	20.15	June 24	19.07	Jan. 23, 1970	18.87	Aug. 25	19.86
Dec. 20	19.68	July 25	19.55	Feb. 23	19.07	Sept. 24	19.75
Jan. 24, 1967	19.87	Aug. 23	19.95	Mar. 26	19.00	Oct. 22	20.10
Feb. 22	19.40	Sept. 25	20.33	Apr. 23	17.04	Nov. 29	20.01
Mar. 28	19.77	Oct. 28	20.21	May 25	18.21	Dec. 27	19.02
Apr. 27	18.24	Nov. 21	19.70	June 24	19.16	Jan. 27, 1972	19.25
May 24	18.40	Dec. 23	18.64	July 27	19.82	Feb. 25	19.30
June 27	18.85	Jan. 27, 1969	19.04	Aug. 25	20.30	Mar. 28	18.79
July 28	19.58	Feb. 21	18.89	Sept. 28	20.26	Apr. 26	17.20
Aug. 25	20.04	Mar. 25	18.77	Oct. 26	20.13	May 24	17.61
Sept. 28	20.23	Apr. 24	16.26	Nov. 18	20.23	June 26	18.11
Oct. 25	19.66	May 23	16.73	Dec. 23	19.17	July 28	18.36
Nov. 24	19.45	June 24	18.27	Jan. 22, 1971	19.06	Aug. 29	19.43
Dec. 22	19.02	July 28	19.38	Feb. 22	19.27	Sept. 25	19.88
Jan. 26, 1968	19.05	Aug. 25	19.61	Mar. 25	18.99	Oct. 26	19.88
Feb. 23	18.97	Sept. 25	20.05	Apr. 26	16.92	Nov. 27	19.13
Mar. 26	18.13	Oct. 27	20.17	May 24	17.63	Dec. 27	17.88
Apr. 24	18.70	Nov. 25	19.37	June 25	18.99		

Orange County

435343N0721518.1. Local number West Fairlee 1. U.S. Geol. Survey. At Vermont Hwy. Dept. garage, 60 ft west of salt shed, approximately 1.3 mi SSE of West Fairlee Village. Augured observation water-table well in sand, diam 1½ in, depth 54 ft, well point 52-54. Lsd approximately 700 ft above msl. MP top of casing, approximately 2.00 ft above lsd. Highest water level 0.88 below lsd, Apr. 24, 1969; lowest 5.43 below lsd, Nov. 18, 1970. Records available: 1966-72.

Nov. 21, 1966	4.77	June 24, 1968	3.07	Jan. 26, 1970	4.20	July 23, 1971	4.74
Dec. 19	4.65	July 25	4.14	Feb. 23	3.52	Aug. 25	5.20
Jan. 23, 1967	5.04	Aug. 23	4.82	Mar. 26	3.81	Sept. 24	4.99
Feb. 21	4.98	Sept. 25	4.95	Apr. 23	1.85	Oct. 22	4.86
Mar. 27	4.68	Oct. 28	5.14	May 25	2.88	Nov. 29	5.11
Apr. 26	3.33	Nov. 21	4.54	June 24	4.15	Dec. 27	4.58
May 23	2.75	Dec. 23	3.84	July 27	4.91	Jan. 27, 1972	4.57
June 26	3.74	Jan. 27, 1969	4.21	Aug. 25	5.40	Feb. 25	4.75
July 27	4.28	Feb. 24	4.46	Sept. 28	5.38	Mar. 28	3.13
Aug. 25	4.77	Mar. 25	4.13	Oct. 26	5.25	Apr. 26	1.29
Sept. 28	5.22	Apr. 24	.88	Nov. 18	5.43	May 23	1.91
Oct. 26	4.23	May 23	2.31	Dec. 23	5.20	June 27	3.05
Nov. 27	4.22	June 24	3.75	Jan. 22, 1971	5.06	July 26	2.52
Dec. 22	3.70	July 28	4.71	Feb. 22	4.74	Aug. 28	3.23
Jan. 25, 1968	4.28	Aug. 25	4.62	Mar. 25	4.27	Sept. 25	4.19
Feb. 23	4.48	Sept. 24	5.15	Apr. 26	1.69	Oct. 27	4.54
Mar. 26	1.81	Oct. 27	5.24	May 24	2.43	Nov. 27	3.46
Apr. 24	2.97	Nov. 25	3.60	June 25	4.08	Dec. 26	3.60
May 24	2.73	Dec. 29	3.77				

Orleans County

443952N0721140.1. Local number Glover 1. U.S. Geol. Survey. Vermont Hwy. Dept. salt shed of Rte. 16, south of Glover Village. Augured observation water-table well in sand and gravel, diam 1 1/4 in, depth 82 ft, sand point 80-82. Lsd approximately 1,200 ft above msl. MP top of casing, approximately 4.00 ft above lsd. Highest water level 12.11 below lsd, May 23, 1969; lowest 18.95 below lsd, Mar. 28, 1967. Records available: 1966-72.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 21, 1966	18.48	June 24, 1968	16.45	Jan. 23, 1970	16.96	July 23, 1971	16.12
Dec. 19	18.30	July 25	16.72	Feb. 23	17.28	Aug. 24	16.86
Jan. 24, 1967	18.58	Aug. 23	17.16	Mar. 26	17.37	Sept. 24	16.95
Feb. 22	18.75	Sept. 25	17.39	Apr. 23	15.04	Oct. 22	17.07
Mar. 28	18.95	Oct. 28	17.50	May 25	15.05	Nov. 29	17.52
Apr. 27	16.66	Nov. 21	17.75	June 24	15.83	Dec. 27	17.52
May 24	16.31	Dec. 23	17.47	July 27	16.65	Jan. 27, 1972	17.62
June 27	16.63	Jan. 27, 1969	17.77	Aug. 25	17.18	Feb. 25	17.78
July 28	17.02	Feb. 21	17.90	Sept. 28	17.32	Mar. 28	17.68
Aug. 25	17.49	Mar. 25	18.00	Oct. 26	17.15	Apr. 26	16.55
Sept. 28	17.54	Apr. 24	13.57	Nov. 18	17.30	May 24	13.81
Oct. 25	17.28	May 23	12.11	Dec. 23	17.22	June 26	14.37
Nov. 24	17.42	June 24	14.59	Jan. 22, 1971	17.40	July 28	15.40
Dec. 22	17.25	July 28	15.50	Feb. 22	17.54	Aug. 29	16.23
Jan. 26, 1968	17.70	Aug. 26	16.09	Mar. 25	17.57	Sept. 25	16.68
Feb. 23	18.01	Sept. 25	16.65	Apr. 26	15.60	Oct. 26	17.43
Mar. 26	16.19	Oct. 27	17.11	May 24	14.18	Nov. 27	17.10
Apr. 24	16.09	Nov. 25	16.51	June 25	15.40	Dec. 27	17.03
May 24	15.65	Dec. 26	16.61				

445158N0721550.1. Local number Irasburg 1. Normand Beaulieu. Near Irasburg. Dug unused water-table well in glacial till of Pleistocene age, diam 30 in, depth 15 ft, lined with stone. Lsd about 910 ft above msl. MP top edge of notch chiseled in top of concrete well curb, on east side, 0.50 ft above lsd. Highest water level 0.79 below lsd, May 1, 1971; lowest 13.4 below lsd, Nov. 12, 1964. Records available: 1964-72.

Jan. 6, 1968	7.84	Mar. 21, 1969	6.37	May 6, 1970	3.45	July 22, 1971	8.10
13	7.71	Apr. 3	5.73	12	4.30	Aug. 4	8.15
20	7.60	9	5.30	20	5.35	13	8.10
27	7.49	17	4.48	June 3	5.75	18	7.61
Feb. 7	6.50	23	3.50	9	6.40	24	9.30
14	9.50	May 2	3.40	16	6.99	Sept. 4	8.25
21	8.85	9	3.63	23	7.95	15	6.90
Mar. 6	9.58	16	3.70	July 7	8.15	23	6.85
13	9.14	22	3.50	14	8.10	Oct. 21	7.85
23	4.50	June 5	3.00	24	8.80	Nov. 2	8.00
Apr. 4	4.30	11	4.05	Aug. 24	10.50	Sept. 9	8.00
12	4.72	18	5.35	Sept. 3	10.27	16	8.45
18	5.00	23	6.00	10	9.98	23	8.40
24	5.42	July 1	5.77	17	9.70	Dec. 1	7.80
May 4	5.61	8	5.64	26	9.52	9	7.05
10	5.85	15	5.40	Oct. 5	9.47	16	6.32
18	5.95	22	5.75	12	8.13	28	5.80
25	5.90	28	6.38	19	6.30	Jan. 4, 1972	6.00
June 5	8.50	Aug. 1	6.20	25	6.18	11	6.15
10	7.50	6	5.95	Nov. 5	6.39	18	6.31
15	7.03	14	6.50	12	6.94	25	6.50
22	6.60	22	5.60	16	7.40	Feb. 3	6.70
July 5	6.75	Sept. 5	7.10	Dec. 2	7.00	10	8.50
9	6.97	12	8.47	8	6.95	17	8.70
16	7.20	19	7.86	15	7.10	24	8.98
23	7.30	24	7.79	23	7.17	Mar. 7	8.49
Aug. 2	8.25	Oct. 1	7.82	Jan. 8, 1971	7.48	14	8.01
9	9.00	8	7.91	16	7.69	21	7.50
16	9.70	14	8.00	23	7.81	27	6.80
23	10.16	24	8.45	Feb. 3	7.49	Apr. 6	6.10
Sept. 6	10.75	Nov. 24	4.80	11	7.38	13	5.22
14	11.52	Dec. 3	4.70	17	7.32	20	3.81
22	12.50	9	4.50	22	7.25	27	2.90
Oct. 4	11.35	16	5.40	Mar. 3	7.23	May 4	2.50
12	10.47	26	5.70	11	7.21	11	3.75
17	10.44	Jan. 2, 1970	5.85	17	7.17	17	4.21
29	10.40	9	6.12	22	7.00	24	5.37
Nov. 7	10.35	15	6.43	Apr. 1	4.75	June 1	4.75
15	9.78	22	6.59	9	3.20	8	4.99
21	8.75	Feb. 6	6.65	16	1.37	15	5.31
29	6.40	12	6.77	May 1	.79	22	5.87
Dec. 6	6.10	19	6.89	8	2.82	July 6	6.09
13	6.05	Mar. 5	6.97	15	5.48	13	6.65
20	5.60	11	6.87	20	5.68	20	6.41
Jan. 24, 1969	5.45	19	6.70	June 2	6.18	25	5.38
Feb. 5	6.00	25	6.51	9	7.00	Aug. 29	6.56
12	6.30	Apr. 3	4.75	19	7.70	Sept. 25	8.25
21	6.10	9	3.38	28	8.20	Oct. 26	8.37
28	6.00	15	2.30	July 8	8.30	Nov. 27	6.06
Mar. 7	6.25	23	3.48	15	8.45	Dec. 27	6.43
14	6.50						

Rutland County

434217N0730106.1. Local number Pittsford 8. U.S. Geol. Survey. In St. Alphonsus Cemetery, near Pittsford. Bored and driven observation water-table well in glacial sand of Pleistocene age, diam 1 1/4 in, depth 42 ft (previously reported 43 ft), well point 40-42. Lsd about 490 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 35.89 below lsd, May 25, 1970; lowest 39.59 below lsd, Oct. 18, 1957. Records available: 1957-72.

434217N0730106.1--Continued.

Date	Water level
Jan. 25, 1968	37.52
Feb. 23	37.49
Mar. 26	37.14
Apr. 23	37.01
May 24	37.88
June 24	37.94
July 25	38.09
Aug. 23	38.09
Sept. 25	38.27
Oct. 28	38.37
Nov. 21	37.28
Dec. 23	37.11
Jan. 27, 1969	37.10
Feb. 24	37.00
Mar. 25	36.77

Date	Water level
Apr. 24, 1969	36.44
May 23	36.25
June 24	36.15
July 28	36.32
Aug. 25	36.50
Sept. 24	36.68
Oct. 27	36.83
Nov. 25	36.95
Dec. 29	37.05
Jan. 26, 1970	36.99
Feb. 23	36.80
Mar. 26	36.63
Apr. 23	36.18
May 25	35.89
June 24	36.12

Date	Water level
July 27, 1970	36.48
Aug. 25	36.82
Sept. 28	36.91
Oct. 26	36.97
Nov. 18	37.09
Dec. 23	37.08
Jan. 22, 1971	37.14
Feb. 22	37.16
Mar. 25	36.98
Apr. 26	36.47
May 24	36.22
June 25	36.39
July 23	36.60
Aug. 30	36.68
Sept. 24	36.85

Date	Water level
Oct. 22, 1971	36.95
Nov. 29	37.07
Dec. 27	36.95
Jan. 27, 1972	36.80
Feb. 25	36.87
Mar. 28	36.58
Apr. 26	36.56
May 23	36.49
June 27	36.47
July 26	36.42
Aug. 29	36.55
Sept. 25	36.72
Oct. 27	36.78
Nov. 27	36.40
Dec. 26	36.14

Washington County

441829N0724139.1. Local number Middlesex 3. U.S. Geol. Survey. At Vermont Hwy. Dept. garage area adjacent to salt shed, off U.S. Rte. 2. Augured observation water-table well in sand and gravel, diam 1 1/4 in, depth 50 ft, well point 48-50. Lsd approximately 460 ft above msl. MP top of casing, at lsd. Highest water level 16.89 below lsd, Apr. 24, 1969; lowest 23.45 below lsd, Sept. 25, 1968. Records available: 1966-72.

Date	Water level
Oct. 28, 1966	22.90
Nov. 21	22.53
Dec. 19	22.11
Jan. 23, 1967	22.42
Feb. 21	22.00
Mar. 27	21.88
Apr. 26	19.98
May 22	20.70
June 26	22.37
July 27	22.64
Aug. 25	23.47
Sept. 28	23.30
Oct. 25	22.45
Nov. 27	22.05
Dec. 22	21.61
Jan. 25, 1968	21.49
Feb. 23	21.63
Mar. 26	18.11
Apr. 23	21.94

Date	Water level
May 24, 1968	20.69
June 24	22.20
July 25	22.99
Aug. 23	23.02
Sept. 25	23.49
Oct. 28	22.63
Nov. 21	21.20
Dec. 23	21.46
Jan. 27, 1969	20.95
Feb. 24	21.17
Mar. 25	20.43
Apr. 24	16.89
May 23	19.17
June 24	21.54
July 28	22.10
Aug. 25	22.60
Sept. 24	23.03
Oct. 27	22.54
Nov. 25	21.17

Date	Water level
Dec. 29, 1969	20.14
Jan. 26, 1970	21.48
Feb. 23	20.51
Mar. 26	20.37
Apr. 23	17.61
May 25	21.60
June 24	22.91
July 27	23.43
Aug. 25	22.82
Sept. 28	22.95
Oct. 26	22.31
Nov. 18	22.59
Dec. 23	21.95
Jan. 22, 1971	22.10
Feb. 23	21.28
Mar. 25	21.14
Apr. 27	18.20
May 24	20.88

Date	Water level
June 25, 1971	22.93
July 23	23.06
Aug. 24	22.46
Sept. 24	22.38
Oct. 22	22.84
Nov. 29	22.25
Dec. 27	20.99
Jan. 27, 1972	20.91
Feb. 25	21.69
Mar. 28	19.52
Apr. 26	17.66
May 24	20.21
June 26	21.59
July 26	20.67
Aug. 29	22.89
Sept. 25	23.28
Oct. 25	22.63
Dec. 26	21.07

441552N0723419.1. Local number Montpelier 2. U.S. Geol. Survey. At 9 Winter St., Montpelier. Augured observation water-table well in medium to coarse sand, diam 1 1/4 in, depth 26 ft, well point 24-26. Lsd approximately 520 ft above msl. MP top of casing, approximately 2.00 ft above lsd. Highest water level 11.09 below lsd, Apr. 24, 1969; lowest 16.74 below lsd, Sept. 26, 1972. Records available: 1966-72.

Date	Water level
Oct. 24, 1966	15.98
Nov. 25	15.87
Dec. 19	15.46
Jan. 25, 1967	16.10
Feb. 21	16.08
Mar. 27	16.19
Apr. 27	13.21
May 24	14.08
June 27	15.12
July 28	15.94
Aug. 28	15.55
Sept. 28	15.13
Oct. 25	14.76
Nov. 27	14.66
Dec. 26	14.83
Feb. 23, 1968	15.98
Mar. 27	13.22
Apr. 24	14.33
May 27	14.51

Date	Water level
June 24, 1968	15.26
July 25	15.67
Aug. 23	16.06
Sept. 25	16.24
Oct. 28	15.91
Nov. 21	15.36
Dec. 23	15.02
Jan. 27, 1969	15.54
Feb. 21	15.62
Mar. 25	15.14
Apr. 24	11.09
May 23	12.41
June 24	14.53
July 28	15.48
Aug. 26	15.09
Sept. 25	15.54
Oct. 28	16.10
Nov. 25	14.84
Dec. 30	15.08

Date	Water level
Jan. 23, 1970	15.51
Feb. 23	14.89
Mar. 26	15.32
Apr. 23	12.07
May 25	14.08
June 24	15.65
July 27	16.17
Aug. 25	16.36
Sept. 28	16.37
Oct. 26	15.87
Nov. 18	16.07
Dec. 23	15.91
Jan. 22, 1971	16.09
Feb. 23	15.55
Mar. 25	15.08
Apr. 26	11.93
May 24	12.86
June 25	15.60

Date	Water level
July 23, 1971	16.24
Aug. 24	15.80
Sept. 24	15.17
Oct. 22	15.89
Nov. 29	15.96
Dec. 27	15.33
Jan. 28, 1972	15.64
Feb. 25	15.90
Mar. 28	14.40
Apr. 26	12.04
May 24	12.36
June 26	14.98
July 28	15.29
Aug. 29	16.30
Sept. 26	16.74
Oct. 27	16.35
Nov. 27	15.32
Dec. 28	15.09

Windsor County

431551N0723506.1. Local number Chester 1. U.S. Geol. Survey. At Vermont Hwy. Dept. salt shed, SE of Chester. Augured observation water-table well in sand, diam 1 1/4 in, depth 22 ft, well point 20-22. Lsd approximately 580 ft above msl. MP top of casing, 2.00 ft above lsd. Highest water level 2.54 below lsd, Apr. 26, 1972; lowest 6.31 below lsd, Sept. 28, 1967. Records available: 1966-72.

431551N0723506.1--Continued.

Date	Water level	Date	Water level	Date	Water level	Date	Water level
Nov. 3, 1966	5.35	May 24, 1968	4.20	Dec. 29, 1969	4.82	July 23, 1971	6.03
21	4.83	June 24	5.25	Jan. 26, 1970	5.22	Aug. 30	5.11
Dec. 19	5.31	July 25	5.88	Feb. 23	4.72	Sept. 24	5.80
Jan. 23, 1967	5.41	Aug. 23	6.17	Mar. 26	3.85	Oct. 22	5.85
Feb. 21	5.05	Sept. 25	6.09	Apr. 23	3.76	Nov. 29	5.79
Mar. 27	4.54	Oct. 28	5.86	May 25	4.83	Dec. 27	4.90
Apr. 26	3.54	Nov. 21	4.34	June 24	5.80	Jan. 27, 1972	4.59
May 23	4.51	Dec. 23	4.63	July 27	6.17	Feb. 25	5.05
June 26	5.06	Jan. 27, 1969	4.80	Aug. 25	5.96	Mar. 28	3.84
July 27	5.82	Feb. 24	5.25	Sept. 28	5.69	Apr. 26	2.54
Aug. 25	6.26	Mar. 25	3.74	Oct. 26	5.40	May 23	3.37
Sept. 28	6.31	Apr. 24	2.56	Nov. 18	5.54	June 27	4.35
Oct. 26	5.07	May 23	4.85	Dec. 23	5.44	July 26	4.95
Nov. 27	5.53	June 24	4.89	Jan. 22, 1971	5.23	Aug. 28	6.01
Dec. 22	4.79	July 28	5.84	Feb. 22	5.01	Sept. 25	5.88
Jan. 25, 1968	5.29	Aug. 25	5.63	Mar. 25	4.64	Oct. 27	5.83
Feb. 23	5.39	Sept. 24	6.09	Apr. 26	3.49	Nov. 27	2.98
Mar. 26	2.84	Oct. 27	5.83	May 24	4.87	Dec. 26	4.77
Apr. 24	5.44	Nov. 25	4.23	June 25	6.05		

435129N0724833.1. Local number Rochester 1. U.S. Geol. Survey. At Vermont Hwy. Dept. garage adjacent salt shed, approximately 1.3 mi south of Rochester Village. Augered observation water-table well in sand, diam 1 1/2 in, depth 73 ft, well point 71-73. Lsd approximately 800 ft above msl. MP top of casing, approximately 4.00 ft above lsd. Highest water level 4.50 below lsd, Mar. 26, 1968; lowest 12.99 below lsd, Sept. 25, 1968. Records available: 1966-72.

Oct. 28, 1966	11.82	May 24, 1968	8.93	Dec. 29, 1969	10.82	July 23, 1971	12.79
Nov. 21	11.60	June 24	10.53	Jan. 26, 1970	11.62	Aug. 25	12.81
Dec. 19	11.37	July 25	12.09	Feb. 23	10.00	Sept. 24	12.52
Jan. 23, 1967	12.19	Aug. 23	12.73	Mar. 26	10.69	Oct. 22	12.75
Feb. 21	11.75	Sept. 25	12.99	Apr. 23	5.40	Nov. 29	12.57
Mar. 27	11.96	Oct. 28	12.84	May 25	9.64	Dec. 27	10.86
Apr. 26	8.08	Nov. 21	11.95	June 24	12.21	Jan. 27, 1972	10.81
May 22	8.09	Dec. 23	10.66	July 27	12.70	Feb. 25	11.86
June 26	10.75	Jan. 27, 1969	11.48	Aug. 25	12.94	Mar. 28	9.49
July 27	12.39	Feb. 24	11.80	Sept. 28	12.69	Apr. 26	6.34
Aug. 25	12.64	Mar. 25	11.67	Oct. 26	12.34	May 23	8.80
Sept. 28	12.75	Apr. 24	4.67	Nov. 18	12.64	June 27	11.51
Oct. 26	12.28	May 23	7.28	Dec. 23	11.91	July 26	9.70
Nov. 27	12.00	June 24	11.37	Jan. 22, 1971	12.21	Aug. 29	11.72
Dec. 22	9.90	July 28	12.29	Feb. 22	11.78	Sept. 25	12.58
Jan. 25, 1968	11.74	Aug. 25	11.23	Mar. 25	11.16	Oct. 27	12.22
Feb. 23	11.64	Sept. 24	12.64	Apr. 26	5.92	Nov. 27	8.29
Mar. 26	4.50	Oct. 27	12.58	May 24	9.27	Dec. 26	9.98
Apr. 23	10.29	Nov. 25	10.15	June 25	12.32		

* U.S. GOVERNMENT PRINTING OFFICE: 1974 O-543-586/150

