Department of Natural Resources
MARYLAND GEOLOGICAL SURVEY
Kenneth N. Weaver, Director

BASIC DATA REPORT NO. 17

GROUND-WATER LEVELS FROM THE MARYLAND OBSERVATION-WELL NETWORK, 1943-86

by

Michael J. Smigaj
and
Raymond G. Davis, Jr.

Prepared in cooperation with the
Geological Survey
United States Department of the Interior

1987

CONVERSION FACTORS AND ABBREVIATIONS

For the convenience of readers who may prefer to use metric (International System) units rather than the inch-pound units used in the report, values may be converted by using the following factors:

Multiply inch-pound unit	*by*	*To obtain metric unit*
inch (in.)	25.40	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)

Cover: Well WA Be 2 at Fort Frederick State Park. This well was dug in 1756 and was re-walled in 1930.

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ABSTRACT

Water-level data are presented for 122 ground-water wells in the Maryland Observation-Well Network; the data begin as early as April 1943 and extend through December 1986. Water-level tables and hydrographs are given for each well, along with a description of the well characteristics, location, owner, aquifer, altitude, period of record, the extremes for the period of record, and pertinent remarks. Also included are brief discussions of the hydrogeologic settings in Maryland and factors that affect ground-water levels.

INTRODUCTION

The Maryland Observation-Well Network began in 1943 as a cooperative program between the Maryland Geological Survey and the U.S. Geological Survey, with the purpose of monitoring ground-water levels throughout the State of Maryland. The network was established to observe ground-water-level fluctuations through time, to identify areas of natural and stressed conditions, and to provide historical water-level records for ground-water management. The observation wells have been selected to provide both geographic and geologic coverage of the State. Water levels have been collected manually by wetted steel tape approximately every 4 to 6 weeks; some wells are equipped with continuous water-level recorders to observe daily fluctuations.

From 1943 through 1974, water levels for selected wells were published in U.S. Geological Survey Water-Supply Papers; since then, they have been published annually in U.S. Geological Survey Water-Data Reports. These publications present data for only a few wells. This report presents data for 122 wells.

Purpose and Scope

The purpose of this report is to present water-level data for wells in the Maryland Observation-Well Network so that they are readily available to other governmental agencies and the general public. Data for 122 wells covering the period of 1943 to 1986 are included. Two criteria used for the selection of wells in this report were: (1) the well was still in the network in 1982, and (2) the period of water-level record covers at least 5 years. The well information and water levels are compiled in the U.S. Geological Survey's National Water Data Storage and Retrieval Systems GWSI (Ground-Water Site Inventory) files at the National Headquarters in Reston, Va., and at the Mid-Atlantic District's Prime computer in Towson, Md.

Physiographic Setting

Maryland is divided into five physiographic provinces—the Coastal Plain, Piedmont, Blue Ridge, Valley and Ridge, and Appalachian Plateau (fig. 1). A general description of the boundaries of these provinces follows.

The Coastal Plain is bounded on the west by the Piedmont and on the east by the Atlantic Ocean where it extends to the edge of the Continental Shelf. The Chesapeake Bay geographically divides the Coastal Plain into two subdivisions—the Eastern Shore or the Delmarva Peninsula, and the western shore. The Eastern Shore is a flat, low-terraced plain, whereas the western shore is a rolling upland similar to the Piedmont Plateau. The Coastal Plain consists of southeasterly dipping layers of unconsolidated sands, clays, silts and gravels, that thicken downdip, and range in age from Cretaceous to Holocene.

The Piedmont is bounded on the east by the Coastal Plain and on the west by Catoctin Mountain of the Blue Ridge. The Piedmont is divided geographically into eastern and western subdivisions at Parrs Ridge. The eastern subdivision consists of gneiss, slate, phyllite, schist, quartzite, marble, serpentinite, and granitic and gabbroic rocks, that range in age from Precambrian to Ordovician. The western subdivision in its easterly area consists of phyllite, schist, marble, quartzite, metabasalt, and metarhyolite, whereas the westerly area consists of limestone, sandstone, shale, and siltstone. The western subdivision ranges in age from Cambrian to Triassic. Because of the variety in types of rock, the topography in the Piedmont is generally hilly with deep stream valleys.

The Blue Ridge is bounded on the east by the Piedmont and to the west by the Valley and Ridge. The Blue Ridge consists of sandstone, quartzite, gneiss, metamorphosed volcanic rocks, and clastic deposits that range in age from Precambrian to Cambrian. This province is a highland in which the Catoctin Mountains form the eastern ridge and South Mountain the western ridge.

The Valley and Ridge, which consists of the Hagerstown Valley and the Allegheny Ridges, is bounded on the east by South Mountain of the Blue Ridge and on the west by Dans Mountain of the Appalachian Plateau. The Great Valley subdivision, known also as the Hagerstown Valley, is underlain by a series of Cambrian and Ordovician limestones and shales. The Allegheny Ridges subdivision is a series of northeasterly trending ridges of sandstone, quartzite, and shale, with valleys of limestone of Ordovician, Silurian, and Devonian age.

The Appalachian Plateau is bounded by Dans Mountain on the east and extends westward beyond Garrett County, the westernmost county in Maryland. The Appalachian Plateau consists of folded shale, siltstone, sandstone, clay, limestone, and coal of Devonian, Mississippian and Pennsylvanian age. This province is a series of northeasterly trending ridges with deeply incised river valleys.

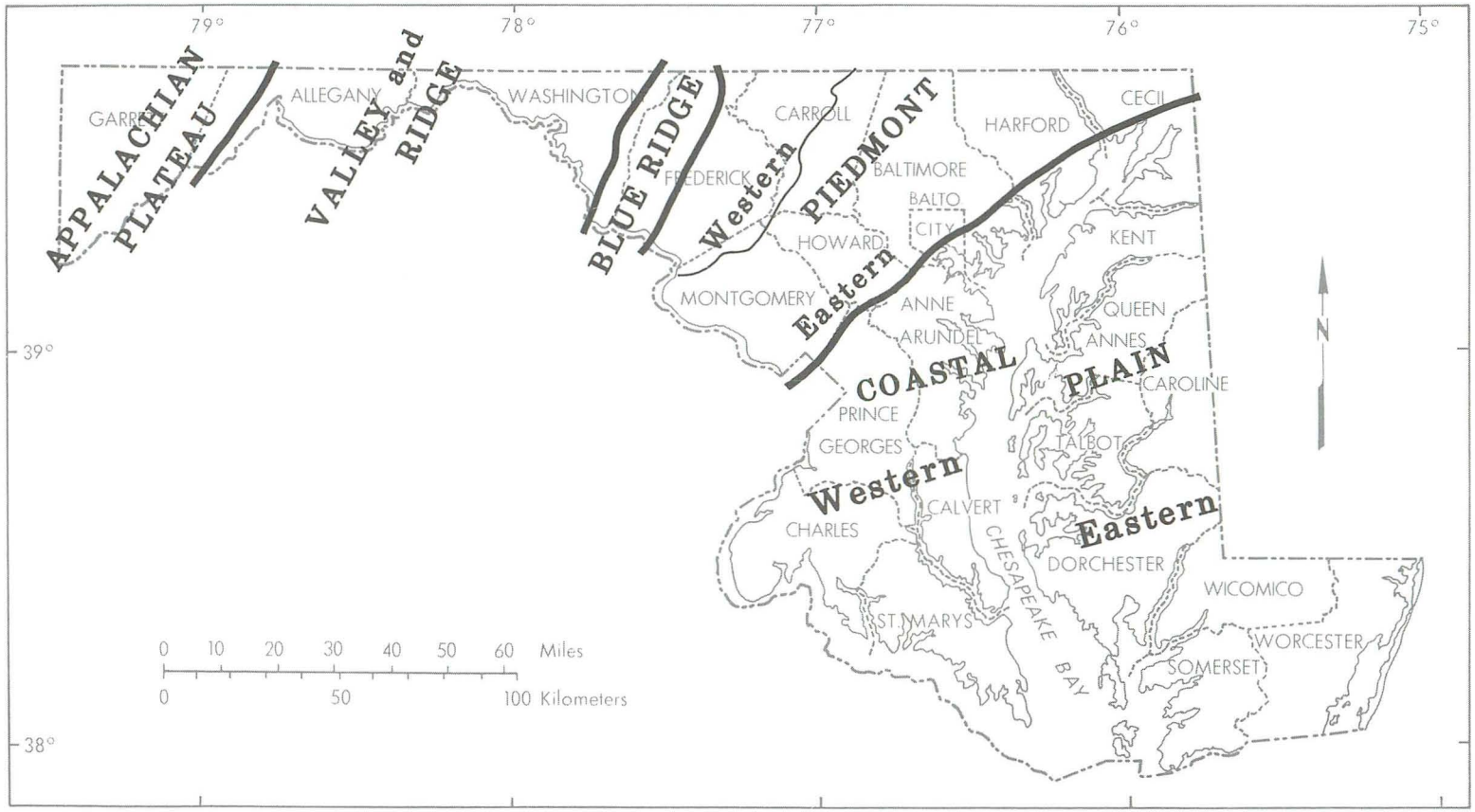


Figure 1. Physiographic provinces of Maryland (Modified from Vokes and Edwards, 1974).

Hydrogeologic Setting

The hydrologic cycle (fig. 2) is the major natural mechanism for regulating ground-water levels; it represents the cyclic movement of water from the land surface or Earth's surface to the atmosphere with the eventual return to the Earth's surface as precipitation. Precipitation that falls on the land surface either immediately runs off into streams, where some is taken up by evapotranspiration (evaporation directly into the atmosphere and transpiration by plants), or infiltrates into the soil. As water percolates downward by gravitational forces into the soil, it will encounter two basic hydrologic zones. The first, the unsaturated zone, contains both air and water, and invariably below this is the saturated zone with interconnected openings full of water. The top of the zone of saturation is the water table and the water below the water table is called ground water. It is this ground water in the zone of saturation that moves downgradient through porous sediments and rock fractures to areas of ground-water discharge, such as springs and seeps, rivers, and other surface-water bodies. As the water reaches these surface-water bodies, some water evaporates to continue the hydrologic cycle.

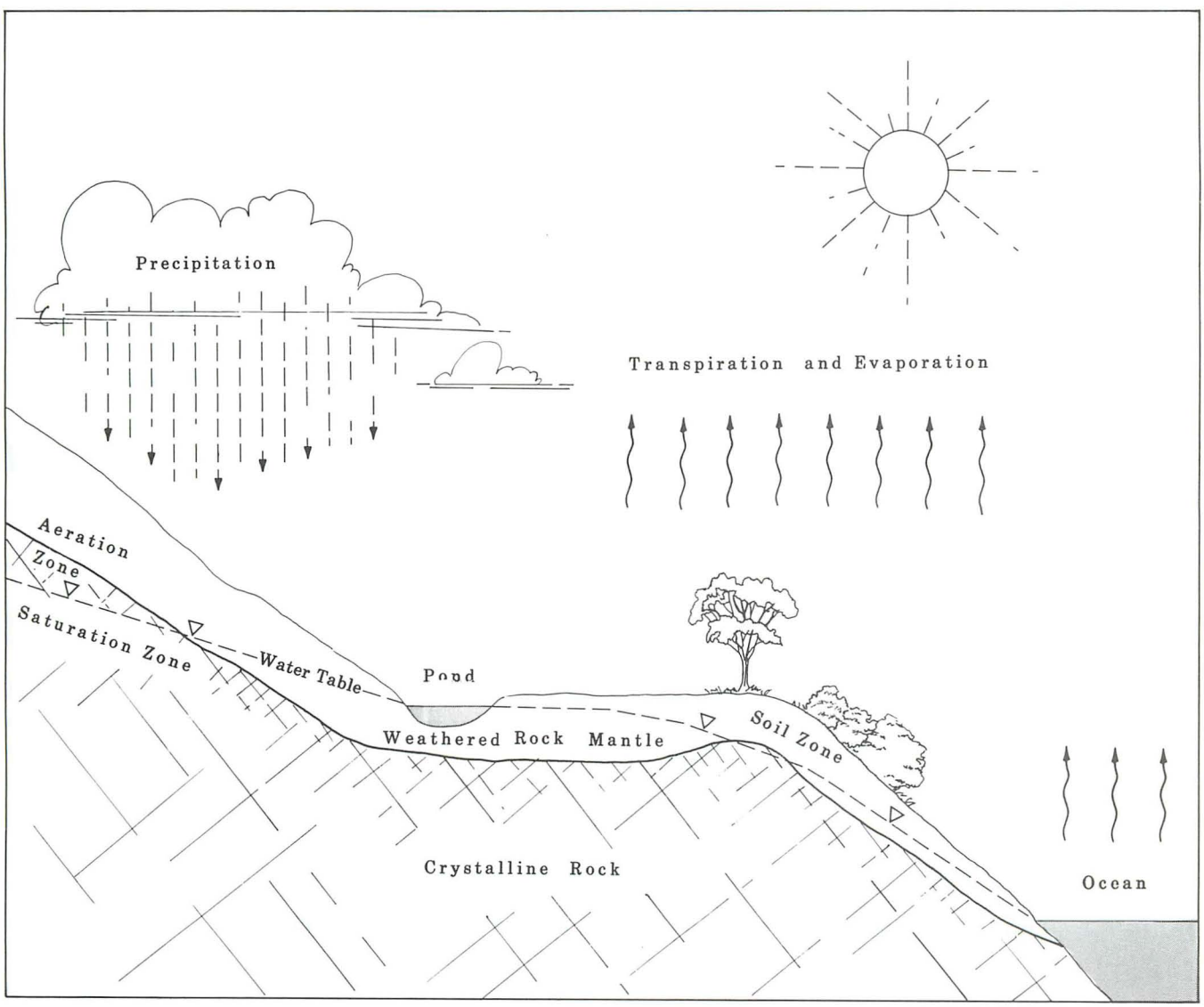


Figure 2. The general hydrologic cycle.

Unconsolidated Aquifers

Unconsolidated aquifers consist of loosely packed gravel, sand, silt, and clay (fig. 3). These sediments underlie the Coastal Plain and form alluvial deposits throughout the State. The Coastal Plain covers an areal extent of about half of Maryland (see fig. 1), attaining a thickness of approximately 8,000 ft downdip near its southeastern border at the Atlantic Ocean. Unconsolidated aquifers are the main source of freshwater for the Coastal Plain. The recharge for these aquifers occurs along outcrop areas and by leakage through overlying confining beds. River deposits are of variable thickness, with a maximum of little more than 100 ft, and are present only in river valleys.

Bedrock Aquifers

The bedrock aquifers include the crystalline rocks (metamorphic and igneous) and the consolidated sedimentary rocks, both of which are present west of the Coastal Plain. Because of the lack of primary permeability in these rocks, water must move through fractures, joints, and other crevices (see fig. 3) that have developed since consolidation. In limestone, these fractures and joints generally are enlarged by solution.

Factors Affecting Water Levels in Maryland

Natural

The major natural influence on ground-water levels is seasonal differences in recharge to aquifers. High precipitation, combined with low evapotranspiration in the spring, increases ground-water recharge in the spring. Consequently, ground-water levels generally are highest in the spring. On the other hand, low amounts of precipitation and high rates of evapotranspiration generally reduce recharge and lower ground-water levels during the summer and fall. This produces a cyclic water-level configuration such as can be seen in figure 4.

In addition to seasonal influences on water levels, the relative movements of the Earth, Sun, and Moon can cause water levels to change. Earth tides (fig. 5) and sea-level tides (fig. 6) can affect ground-water levels. These gravitational effects generally cause water-level changes on the order of tenths of a foot in Maryland. Earthquakes (fig. 7) also can cause water levels to change. As an earthquake occurs, shockwaves are transmitted through the Earth, and water levels in a well may begin a rapid up-and-down movement due to the compressional effect of the seismic waves. Earthquakes may cause ground-water levels to fluctuate from tenths of a foot to greater than 1 foot.

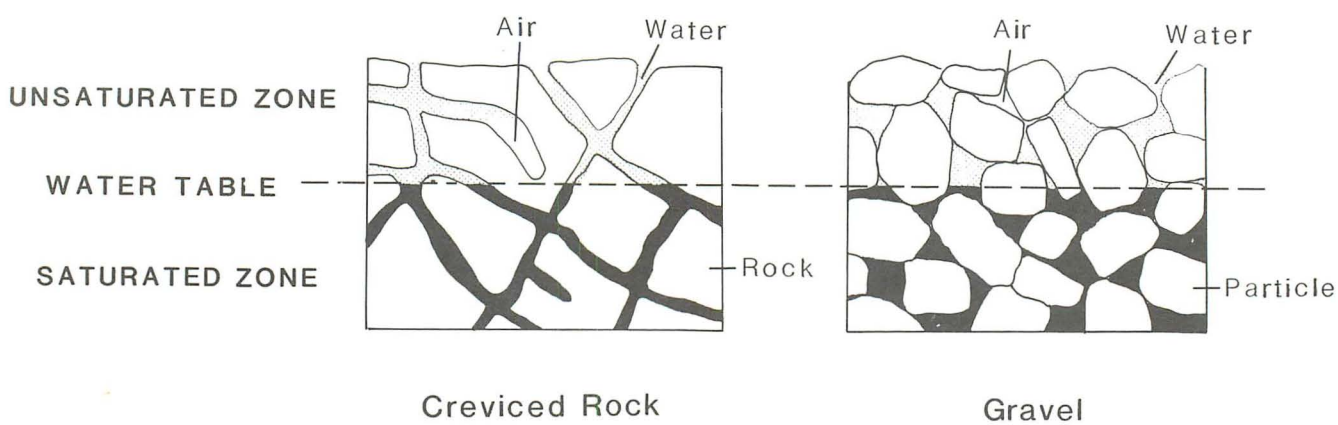
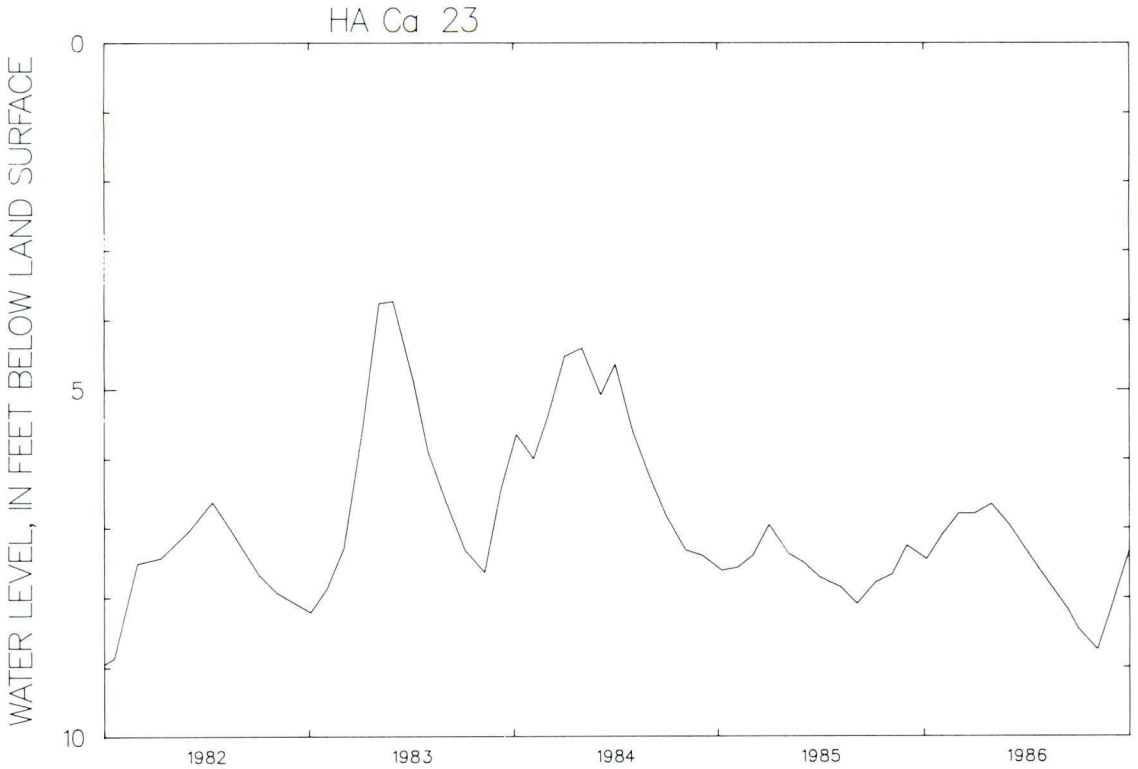


Figure 3. The occurrence of ground water in the hydrogeologic settings in Maryland.



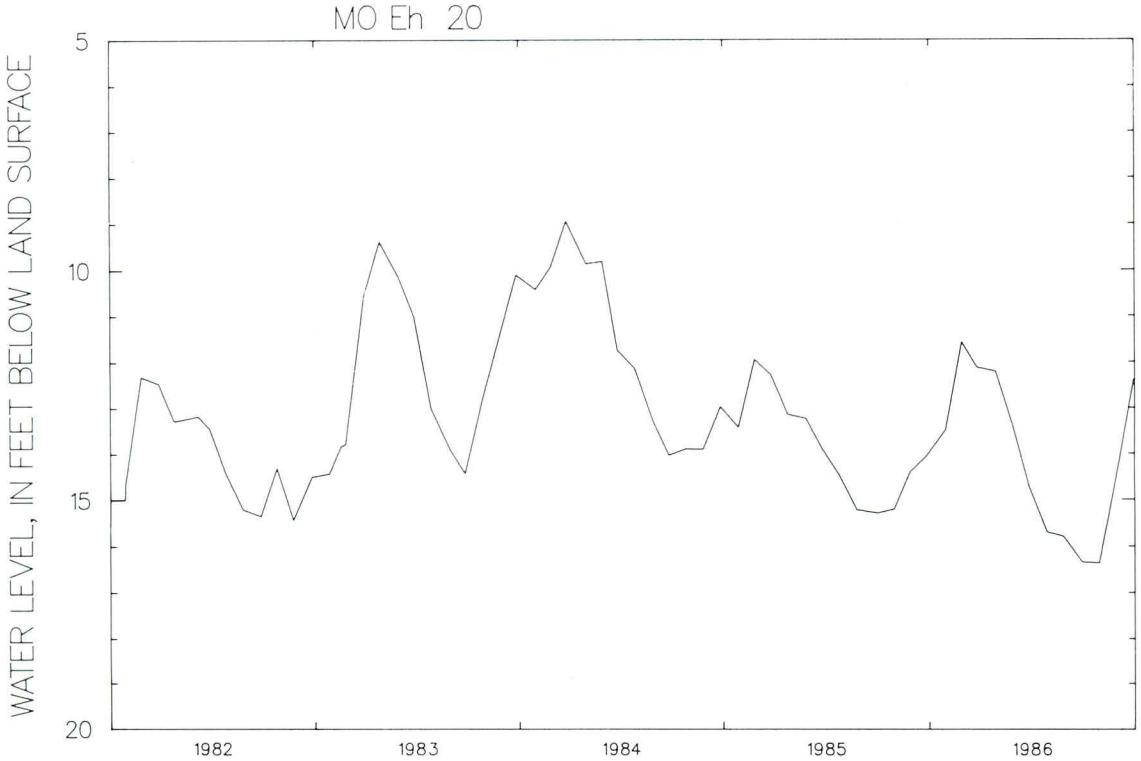


Figure 4. Seasonal variation in well water levels.

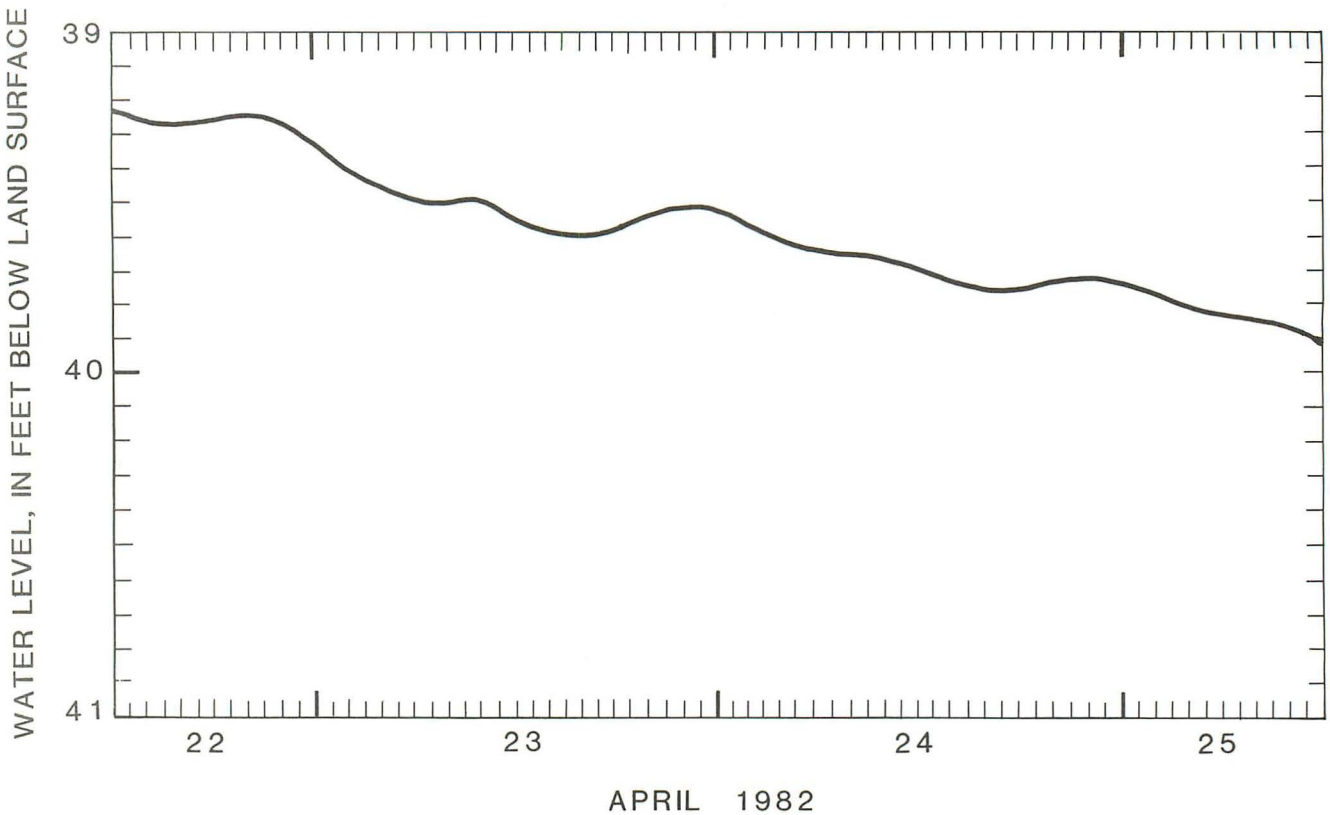


Figure 5. Earth-tidal fluctuations in water levels in well WA Bk 25.

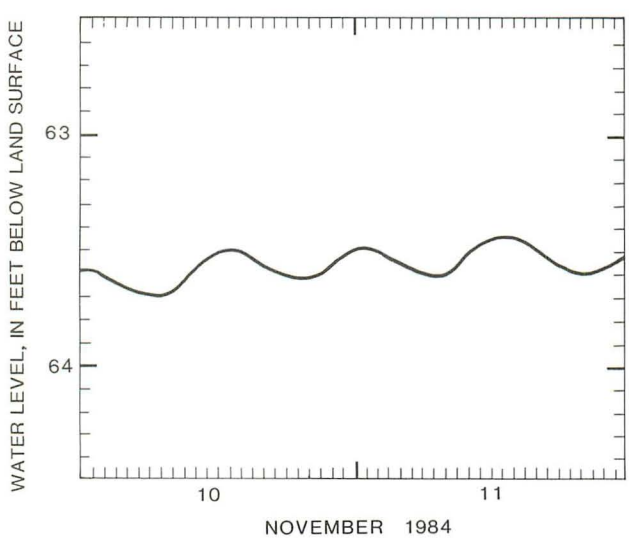


Figure 6. Ocean-tidal fluctuations in water levels in well CE Cf 49.

Human-Induced

Ground-water levels also can be affected by such activities as ground-water withdrawals (fig. 8), construction, and mining. In areas with large populations and where ground water is the most readily available source of freshwater for municipal supplies, pumpage can exceed the natural recharge rate, thereby causing water levels to decline. Construction can cause ground water to drain to the exposed surface where the excavation for buildings or roadways extends below the water table. Cutting into hillsides may expose aquifers and drain ground-water systems, thereby lowering water levels in the immediate area. This is also true for underground mining and quarrying activities.

Acknowledgments

Over the years, many professionals and technicians have contributed their skills and expertise in recording water levels and are hereby acknowledged. A special

acknowledgment is due to Claire A. Richardson (retired) for her proficient recordkeeping from the initiation of this cooperative program. The computer programs for the tables and hydrographs were written by Nelson Williams and Frank Holtschneider of the U.S. Geological Survey. Brenda Feit and Joanne de Grouchy of the U.S. Geological Survey checked and edited the well data.

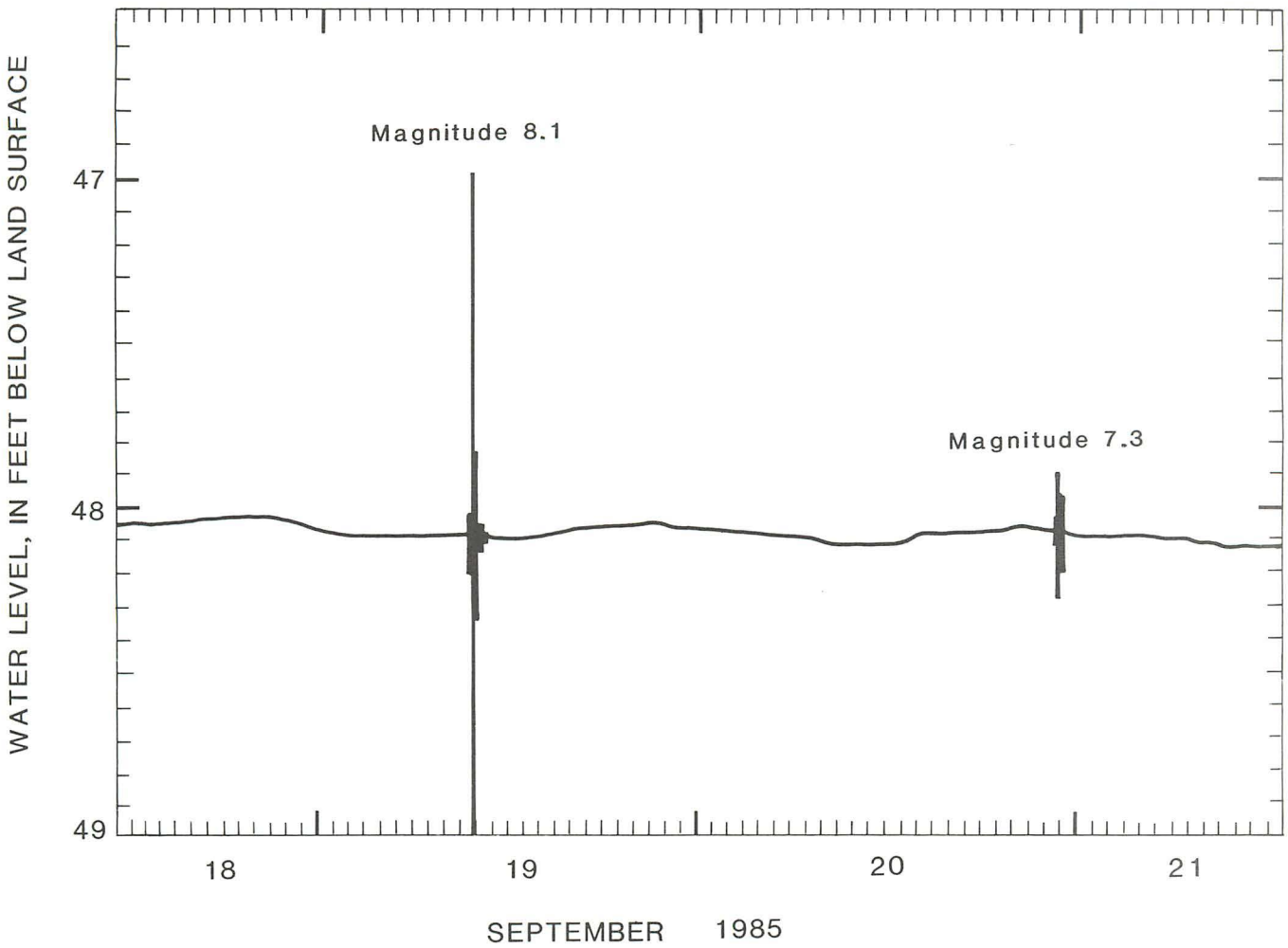
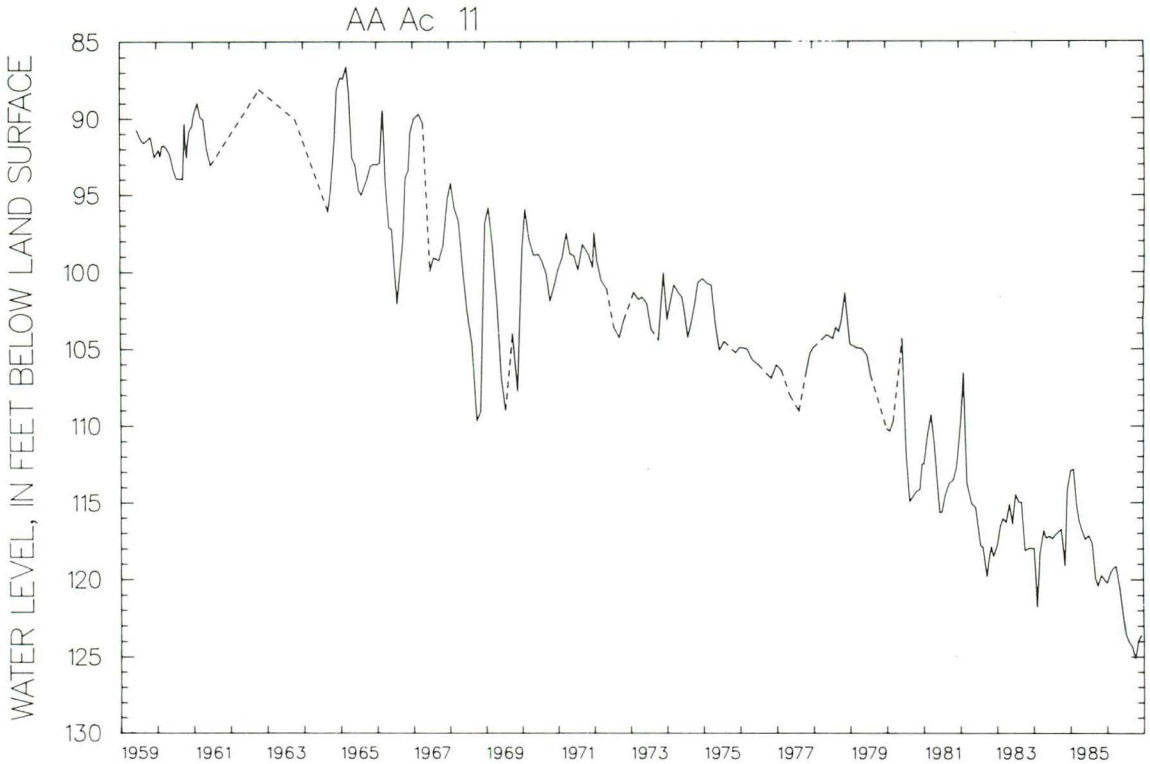


Figure 7. Effects of earthquakes on water levels in well WA Bk 25 (September 19, 1985 earthquake at Mexico City, Mexico and the September 20, 1985 aftershock).

EXPLANATION OF OBSERVATION-WELL DATA

The Maryland Observation-Well Network consists of wells owned by the U.S. Geological Survey, Maryland Geological Survey, various cooperating agencies, and private concerns. These observation wells were acquired through U.S. Geological Survey ground-water projects or were independently secured to fill a gap in the network. Table 1 shows a breakdown of the network by county and physiographic province.

The majority of observation wells are located in the Coastal Plain physiographic province as shown in table 1. This is due to the fact that in this province, the only major source of freshwater is ground water. In the



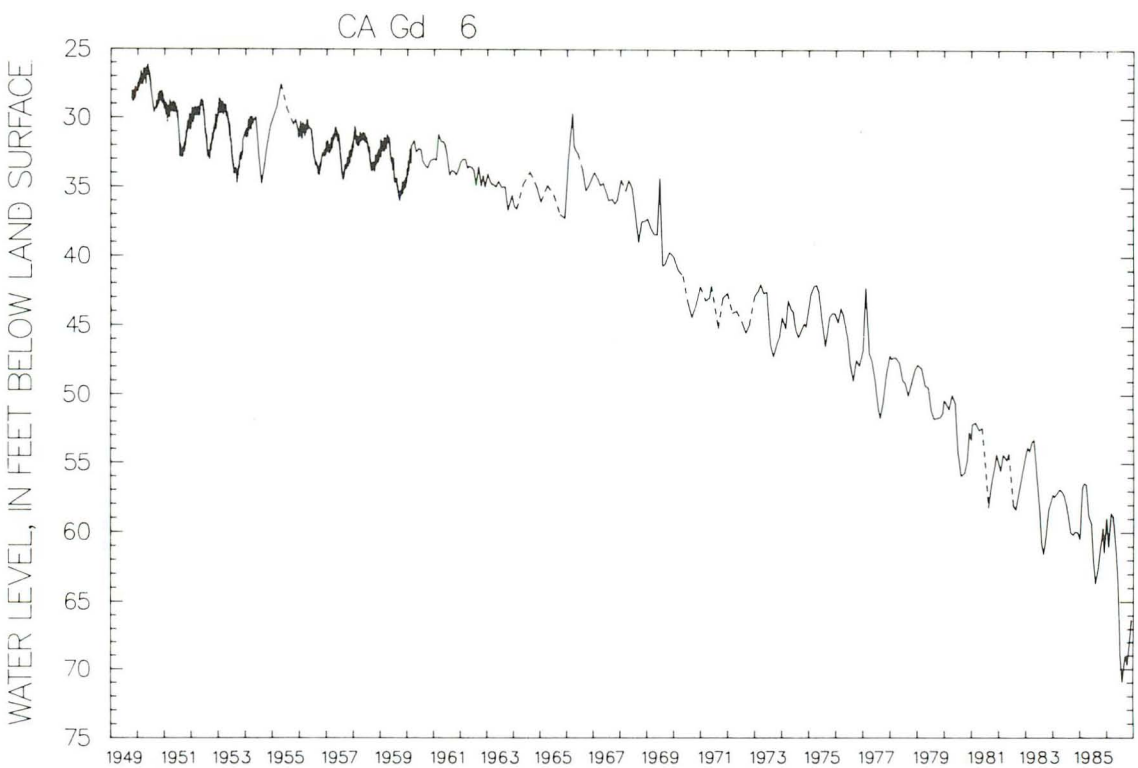


Figure 8. Water-level declines caused by ground-water withdrawal.

Table 1. Number of network wells in each county or city and physiographic province

County or City	Number of Observation Wells	Physiographic Provinces					
		Allegheny Plateau	Valley & Ridge	Great Valley	Blue Ridge	Piedmont	Coastal Plain
Allegany County	3	1	2				
Anne Arundel County	11						11
Baltimore City	3					1	2
Baltimore County	8					4	4
Calvert County	11						11
Caroline County	5						5
Carroll County	1					1	
Cecil County	4					1	3
Charles County	5						5
Dorchester County	7						7
Frederick County	1					1	
Garrett County	2	2					
Harford County	5					2	3
Howard County	2					2	
Kent County	1						1
Montgomery County	3					3	
Prince Georges County	7						7
Queen Anne's County	4						4
St. Mary's County	15						15
Somerset County	2						2
Talbot County	7						7
Washington County	7		2	4	1		
Wicomico County	5						5
Worcester County	3						3
TOTAL	122	3	4	4	1	15	95

other physiographic provinces, surface-water supplies may be more important. Therefore, the distribution of wells in the network is heavily weighted to the Coastal Plain. Also, a large percentage of the population in Maryland is centered near the metropolitan areas of Baltimore and Washington, D.C., which border the Coastal Plain.

Well-Numbering System

Wells in Maryland are identified on the basis of a numbering system established by the Maryland Geological Survey. The first two letters of the well number are the county prefix (for example, AL for Allegany). The second part of the well number consists of two letters that designate the 5-minute quadrangle into which the county has been divided; the first letter denotes a 5-minute segment of latitude, and the second letter denotes a 5-minute segment of longitude. The wells are numbered sequentially within each 5-minute quadrangle. For example, well AL Ah 1 is the first well inventoried within the Ah 5-minute quadrangle in Allegany County. The county abbreviation may appear slightly different in previous reports, having been reduced from a three-letter code to two letters (example: Cal to CA for Calvert Co.). Baltimore City well numbers are in 1-mile grids, with reference to the Washington Monument as the center. Thus, well 7S4E-1 is in the grid 7 miles south and 4 miles east of the Washington Monument and was the first well inventoried in that 1-mile grid.

Well Descriptions

A description of each observation well precedes the water-level tables and hydrographs. Each description includes the *well number* and a *site-identification* number of 15 digits: the first 6 digits are the latitude, the next 7 digits are the longitude, and the last 2 digits refer to the sequence order for identifying one or more wells at a particular latitude and longitude location. The *permit number* is the State permit number required for drilling wells in Maryland. Upon completion of the well, the driller must submit a completion report which documents specific data on the construction of the well. The *location* repeats the latitude and longitude in the appropriate designation of degrees, minutes, and seconds. The hydrologic unit is a code for the river basin where the well is located (U.S. Geological Survey, 1974: Hydrologic Unit Map). Also, a brief local description is given along with the well-owner's name. The *aquifer* is the geologic formation from which the well receives its water supply. *Well characteristics* describe the physical condition of the well and the known construction dimensions. *Datum* lists the altitude of land surface above sea level to the nearest 10 ft as determined from a 7½-minute quadrangle topographic map, and to the nearest hundredth of a foot as determined from a topographic survey. The measuring point is the distance above or below the land-surface datum at which the measurements are made. The *remarks* section gives important miscellaneous data relevant to the well site. The *period of record* lists the beginning and ending month and year of water-level record, or "current year" if the data include records through 1986. The *extremes for period of record* identify the date or dates of highest and lowest water-level measurements.

Water-Level Tables

The water-level tables are in order by year and give water levels in feet above or below land-surface datum. Tables for wells which may have had a continuous recorder for some period of time show only two measurements per month to reduce the length of the tables. In most of these cases, the hydrographs reflect all the daily water-level recordings.

Hydrographs

The hydrographs are a graphic display of water levels over a period of time. Solid lines indicate daily or monthly water levels; dashed lines indicate more than 60 days between water-level measurements. All the water levels are given in feet above or below land-surface datum.

SELECTED REFERENCES

Achmad, Grufron, and Weigle, J. M., 1979, A quasi three-dimensional finite-difference ground-water flow model with a field application: Maryland Geological Survey Report of Investigations No. 33, 58 p.

Bachman, L. J., and Wilson, J. M., 1984, The Columbia aquifer of the Eastern Shore of Maryland: Maryland Geological Survey Report of Investigations No. 40, Part 1, 34 p., Part 2, 110 p.

Bennett, R. R., and Meyer, R. R., 1952, Geology and ground water resources of the Baltimore area: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 4, 573 p.

Bennion, V. R., and Brookhart, J. W., 1949, The ground-water resources, *in* The water resources of Anne Arundel County: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 5, p. 28–149.

Chapelle, F. H., and Drummond, D. D., 1983, Hydrogeology, digital simulation, and geochemistry of the Aquia and Piney Point-Nanjemoy aquifer system in southern Maryland: Maryland Geological Survey Report of Investigations No. 38, 100 p.

Cooke, C. W., Martin, R. O. R., and Meyer, Gerald, 1952, The ground-water resources *in* Geology and water resources of Prince George's County: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 10, 270 p.

Dingman, R. J., and Ferguson, H. F., 1956, The ground-water resources of the Piedmont part, *in* The water resources of Baltimore and Harford Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 17, p. 1–128.

Dingman, R. J., and Meyer, Gerald, 1954, The ground-water resources *in* The water resources of Howard and Montgomery Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 14, p. 1–139.

Drummond, D. D., 1984, Records of selected wells, Calvert and St. Mary's Counties, Maryland:

[1]The name of this agency was changed to the Maryland Geological Survey in June, 1964.

Maryland Geological Survey Basic Data Report No. 14, 117 p.

Ferguson, H. F., 1953, The ground-water resources, *in* The water resources of St. Mary's County: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 11, p. 16–189.

Hansen, H. J., 1972, A user's guide for the artesian aquifers of the Maryland Coastal Plain, Part One—Introductory definitions and examples: Maryland Geological Survey, 86 p.

_____ 1972, A user's guide for the artesian aquifers of the Maryland Coastal Plain, Part Two—Aquifer characteristics: Maryland Geological Survey, 123 p.

_____ 1977, Geologic and hydrologic data from two core holes drilled through the Aquia Formation (Eocene-Paleocene) in Prince George's and Queen Anne's Counties, Maryland: Maryland Geological Survey, Miscellaneous Open-File Report, 77 p.

Heath, R. C., 1983, Basic ground-water hydrology: U.S. Geological Survey Water-Supply Paper 2220, 84 p.

Hilleary, J. T., and Weigle, J. M., 1981, Carroll County ground-water information: Well records, springs, and chemical-quality data: Maryland Geological Survey Basic Data Report No. 12, 252 p.

Johnston, P. M., 1964, Geology and ground-water resources of Washington, D.C., and vicinity: U.S. Geological Survey Water-Supply Paper 1776, 97 p.

Laughlin, C. P., 1966, Records of wells and springs in Baltimore County, Maryland: Maryland Geological Survey Basic Data Report No. 1, 406 p.

Lucas, R. C., 1972, Worcester County ground-water information: Well records, pumpage, chemical quality data, and selected well logs: Maryland Geological Survey Basic Data Report No. 6, 99 p.

_____ 1976, Anne Arundel County ground-water information: Selected well records, chemical quality data, and selected well logs: Maryland Geological Survey Basic Data Report No. 8, 149 p.

Mack, F. K., 1966, Ground water in Prince George's County: Maryland Geological Survey Bulletin 29, 101 p.

_____ 1976, Preliminary analysis of geohydrologic data from test wells drilled near Chalk Point, Prince George's County, Maryland: U.S. Geological Survey Open-File Report 76-322.

Mack, F. K., and Mandle, R. J., 1977, Digital simulation and prediction of water levels in the Magothy aquifer in southern Maryland: Maryland Geological Survey Report of Investigations No. 28, 42 p.

Mack, F. K., and Richardson, C. A., 1962, Ground-water supplies for industrial and urban development in Anne Arundel County: Maryland Geological Survey Bulletin 26, 90 p.

Mack, F. K., Thomas, W. O., and Weigle, J. M., 1972, Geohydrology of channel-fill deposits near Salisbury, Maryland: Maryland Geological Survey Bulletin 31, 124 p.

Mack, F. K., Webb, W. E., and Gardner, R. A., 1971, Water resources of Dorchester and Talbot Counties, Maryland: Maryland Geological Survey Report of Investigations No. 17, 107 p.

Mack, F. K., Wheeler, J. C., and Curtin, S. E., 1978, Map showing the potentiometric surface of the Magothy aquifer in southern Maryland, September 1977: U.S. Geological Survey Open-File Report 78-999, scale 1:500,000, 1 sheet.

_____ 1983, Water-level declines in the Magothy aquifer in southern Maryland related to increase in pumpage: U.S. Geological Survey Open-File Report 82–919, 29 p.

Meyer, Gerald, 1958, The ground-water resources, *in* The water resources of Carroll and Frederick Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 22, p. 1–228.

Nutter, L. J., 1973, Hydrogeology of the carbonate rocks, Frederick and Hagerstown Valleys, Maryland: Maryland Geological Survey Report of Investigations No. 19, 50 p.

_____ 1974, Hydrogeology of Antietam Creek Basin: U.S. Geological Survey, Journal of Research, v. 2, no. 2, p. 249–252.

_____ 1975, Hydrogeology of the Triassic rocks of Maryland: Maryland Geological Survey Report of Investigations No. 26, 37 p.

_____ 1977, Ground-water resources of Harford County, Maryland: Maryland Geological Survey Bulletin 32, 44 p.

Nutter, L. J., and Otton, E. G., 1969, Ground-water occurrence in the Maryland Piedmont: Maryland Geological Survey Report of Investigations No. 10, 56 p.

Nutter, L. J., and Smigaj, M. J., 1975, Harford County ground-water information: Well records, chemical quality data, and pumpage: Maryland Geological Survey Basic Data Report No. 7, 89 p.

Nutter, L. J., Smigaj, M. J., and Knobel, L. L., 1980, Garrett County water-well records, chemical-quality data, ground-water use, coal test-hole data, and surface-water data: Maryland Geological Survey Basic Data Report No. 11, 102 p.

Otton, E. G., 1955, Ground-water resources of the southern Maryland Coastal Plain: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 15, 347 p.

_____ 1981, Availability of ground water in western

Montgomery County, Maryland: Maryland Geological Survey Report of Investigations No. 34, 76 p.

Otton, E. G., and Mandle, R. J., 1984, Hydrogeology of the upper Chesapeake Bay area, Maryland, with emphasis on aquifers of the Potomac Group: Maryland Geological Survey Report of Investigations No. 39, 62 p.

Overbeck, R. M., 1951, The ground-water resources, *in* The water resources of Calvert County: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 8, p. 4–95.

_____ 1954, Ground-water resources, *in* Geology and water resources of Garrett County: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 13, p. 117–252.

Overbeck, R. M., and Slaughter, T. H., 1958, The ground-water resources, *in* The water resources of Cecil, Kent and Queen Anne's Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 21, p. 1–382.

Papadopulos, S. S., Bennett, R. R., Mack, F. K., and Trescott, P. C., 1974, Water from the Coastal Plain aquifers in the Washington, D.C., metropolitan area: U.S. Geological Survey Circular 697, 11 p.

Rasmussen, W. C., and Slaughter, T. H., 1955, The ground-water resources, *in* The water resources of Somerset, Wicomico and Worcester Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 16, p. 1–469.

_____ 1957, The ground-water resources, *in* The water resources of Caroline, Dorchester, and Talbot Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 18, p. 1–371.

Richardson, C. A., 1976, Availability of ground water in Montgomery County, Maryland: U.S. Geological Survey Open-File Report 76–882, 6 p.

_____ 1976, Approximate depth to the water table, Montgomery County, Maryland: U.S. Geological Survey Open-File Report 76–881, 2 p.

_____ 1976, Areas of shallow water table, Prince George's County, Maryland: U.S. Geological Survey Open-File Report 76–194, 2 p.

_____ 1976, Availability of ground water in Prince Georges County, Maryland: U.S. Geological Survey Open-File Report 76–197, 6 p.

_____ 1982, Ground water in the Piedmont upland of central Maryland: U.S. Geological Survey Water-Supply Paper 2077, 42 p.

Slaughter, T. H., 1962, The ground-water resources, *in* The water resources of Allegany and Washington Counties: Maryland Department of Geology, Mines and Water Resources[1] Bulletin 24, p. 1–243.

Slaughter, T. H., and Laughlin, C. P., 1966, Records of wells and springs, chemical analyses, and selected well logs in Charles County, Maryland: Maryland Geological Survey Basic Data Report No. 2, 93 p.

Slaughter, T. H., Otton, E. G., and Laughlin, C. P., 1968, Availability of ground water in Charles County, Maryland: Maryland Geological Survey Bulletin 30, 101 p.

Tompkins, M. D., 1983, Prince George's County ground-water information: Well records, chemical-quality data, pumpage, appropriation data, observation well records, and well logs: Maryland Geological Survey Basic Data Report No. 13, 160 p.

U.S. Geological Survey, 1974, Hydrologic unit map, States of Maryland and Delaware: U.S. Geological Survey, scale 1:500,000, 1 sheet.

_____ 1975, WATSTORE User's Guide, National Water Data Storage and Retrieval System, Volume II, Appendix: U.S. Geological Survey Open-File Report 75–589.

_____ 1937–57, Water levels and artesian pressure in observation wells in the United States in 1936–55: U.S. Geological Survey Water-Supply Papers.

_____ 1962–75, Ground-water levels in the United States, Southeastern States, 1956–58, 1959–63, 1964–68, 1969–73, 1974: U.S. Geological Survey Water-Supply Papers.

_____ 1976–86, Water resources data for Maryland and Delaware water year, 1975–85—volume 1: Towson, Maryland, U.S. Geological Survey Water-Data MD-DE-75-1 to MD-DE-84-1 Reports (published annually).

_____ 1979, Ground water: Popular publications of the U.S. Geological Survey series, Stock No. 024–001–03228–7, 23 p.

Vokes, H. E., and Edwards, Jonathan, Jr., 1974, Geography and geology of Maryland: Maryland Geological Survey Bulletin 19, 242 p.

Weigle, J. M., 1974, Availability of fresh ground water in northeastern Worcester County, Maryland: Maryland Geological Survey Report of Investigations No. 24, 64 p.

Weigle, J. M., and Achmad, Grufon, 1982, Geohydrology of the fresh-water aquifer system in the vicinity of Ocean City, Maryland: Maryland Geological Survey Report of Investigations No. 37, 56 p.

Weigle, J. M., and Webb, W. E., 1970, Southern Maryland—records of selected wells, water levels, and chemical analyses of water: Maryland Geological Survey Basic Data Report No. 4, 48 p.

Williams, J. F., III, 1979, Simulated changes in water level in the Piney Point aquifer in Maryland:

Maryland Geological Survey Report of Investigations No. 31, 50 p.
Woll, R. S., 1978, Maryland ground-water information: Chemical quality data: Maryland Geological Survey Basic Data Report No. 10, 125 p.

WATER-LEVEL DATA

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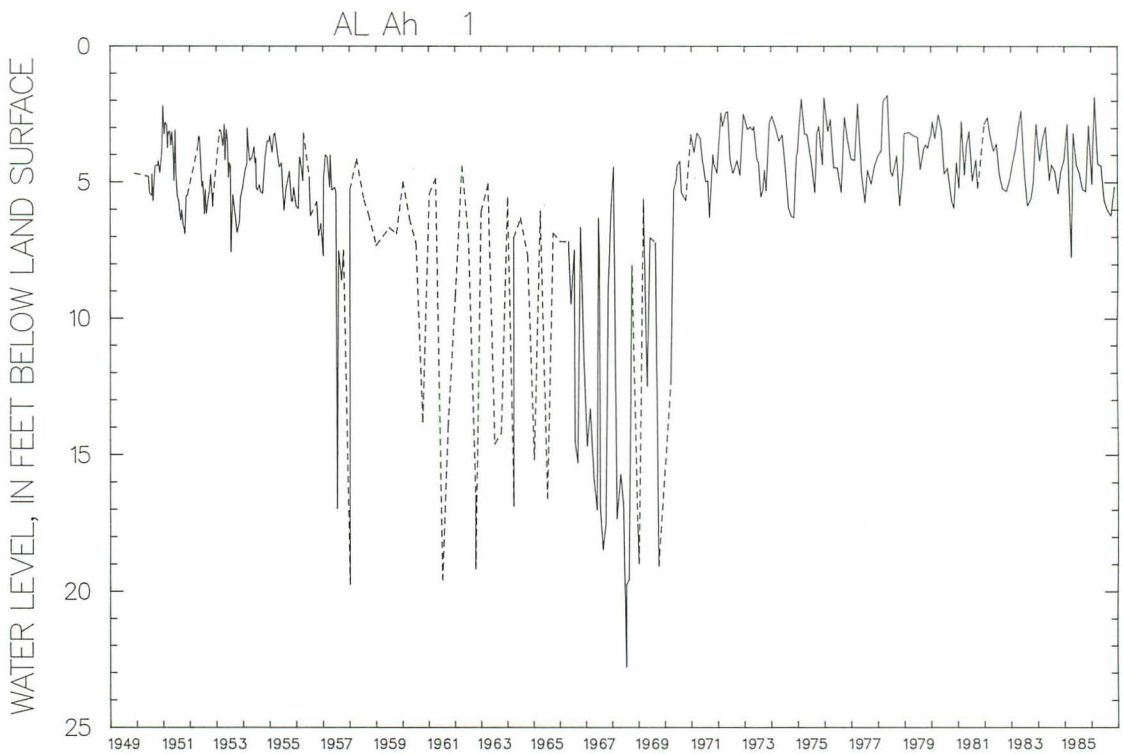
WELL NUMBER.--AL Ah 1 SITE ID.--394024078273401
LOCATION.--Lat 39°40'24", long 78°27'34", Hydrologic Unit 02070003, near Fifteen Mile Creek, 2.8 mi southeast of Pratt.
Owner: Green Ridge State Forest.
AQUIFER.--Jennings Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, reported depth 300 ft, measured depth 113 ft; casing diameter 8 in. to unknown depth; open hole.
DATUM.--Altitude of land-surface is 720 ft. Measuring point: Top of sanitary seal in casing, 0.3 ft above land-surface datum.
REMARKS.--Water level was deeper than 40 ft below land-surface datum on Nov. 19, 1969, and Feb. 12, 1970, when well was being pumped. Water-levels may be affected by nearby pumping.
PERIOD OF RECORD.--December 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.80 ft below land-surface datum, May 18, 1978; lowest measured 22.80 ft below land-surface datum, July 16, 1968.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 01, 1949	4.68	SEP 01, 1954	5.35	APR 03, 1964	7.02	APR 24, 1973	3.08
JUN 15, 1950	4.80	26	5.42	JUL 08	6.32	MAY 11	2.95
30	5.40	OCT 01	5.36	OCT 14	7.70	JUN 22	4.15
JUL 30	5.50	NOV 03	4.08	JAN 11, 1965	15.18	JUL 14	4.29
AUG 01	4.70	DEC 01	3.50	APR 08	6.06	AUG 17	5.54
15	5.70	22	3.52	JUL 14	16.60	SEP 13	5.28
SEP 15	4.40	JAN 03, 1955	3.30	OCT 05	6.85	OCT 02	4.55
OCT 16	4.40	FEB 07	3.92	JAN 06, 1966	7.17	26	5.32
25	4.22	28	3.27	MAY 05	7.19	DEC 11	2.80
NOV 18	4.66	MAR 16	3.20	JUN 08	9.48	JAN 14, 1974	2.56
DEC 15	3.89	MAY 16	4.45	JUL 27	7.47	MAR 11	3.04
30	2.18	JUN 15	4.30	AUG 02	14.50	APR 22	3.49
JAN 16, 1951	3.24	30	5.05	SEP 09	15.30	JUN 06	3.25
FEB 01	2.80	JUL 20	6.04	OCT 20	6.63	JUL 24	4.73
19	2.90	AUG 16	5.26	DEC 07	11.69	AUG 26	5.77
MAR 03	3.76	OCT 01	4.60	JAN 19, 1967	14.68	28	5.93
07	3.39	31	5.70	MAR 03	13.30	OCT 07	6.24
APR 02	3.14	NOV 15	5.70	APR 20	15.80	NOV 11	6.30
18	3.66	30	5.20	JUN 07	17.02	DEC 16	4.04
MAY 15	3.60	JAN 04, 1956	5.90	26	6.30	JAN 02, 1975	3.89
JUN 01	4.96	FEB 01	5.97	JUL 12	7.80	23	2.95
15	3.07	16	4.08	19	16.86	FEB 24	1.93
JUL 17	5.52	MAR 02	4.25	AUG 28	18.47	APR 08	3.22
AUG 01	5.65	APR 04	4.96	OCT 05	17.50	MAY 13	3.25
SEP 01	6.40	09	3.18	NOV 09	8.86	JUN 17	3.84
15	6.02	JUN 30	4.82	DEC 21	5.89	JUL 22	4.51
OCT 01	6.44	JUL 16	6.24	JAN 24, 1968	4.42	AUG 28	5.39
04	6.53	OCT 11	5.72	MAR 07	17.34	SEP 25	3.19
NOV 15	5.53	NOV 05	6.97	APR 29	15.70	OCT 22	2.93
DEC 03	5.48	DEC 07	6.50	JUN 06	16.79	DEC 09	4.37
APR 16, 1952	3.80	JAN 07, 1957	7.70	JUL 16	22.80	JAN 02, 1976	1.88
MAY 01	3.31	11	4.91	17	19.75	FEB 23	3.13
15	3.37	FEB 04	4.00	AUG 22	19.55	MAR 29	2.68
JUN 19	5.17	MAR 02	4.10	OCT 04	8.03	MAY 11	4.47
JUL 02	4.98	APR 06	5.20	DEC 20	17.55	JUN 09	4.46
23	6.18	12	4.01	JAN 08, 1969	18.99	JUL 01	4.48
AUG 04	5.27	MAY 06	5.30	MAR 13	5.62	AUG 24	5.37
18	6.16	JUN 14	5.20	MAY 02	12.50	OCT 08	2.60
SEP 13	5.61	JUL 01	5.40	JUN 13	7.02	NOV 17	3.41
30	5.32	17	16.98	AUG 25	7.22	JAN 04, 1977	4.15
OCT 17	4.71	AUG 07	7.50	OCT 07	19.08	FEB 21	4.20
NOV 13	5.91	SEP 18	8.60	MAR 26, 1970	12.30	APR 06	2.10
17	5.62	OCT 14	7.47	MAY 05	5.30	MAY 26	4.67
FEB 16, 1953	3.07	JAN 09, 1958	19.76	JUN 15	4.86	JUL 12	5.75
MAR 05	3.14	10	5.28	17	4.42	AUG 17	4.55
APR 02	3.68	APR 10	4.16	JUL 30	4.22	OCT 06	5.07
15	3.18	JUL 23	5.67	AUG 20	5.38	NOV 21	4.40
MAY 01	4.20	SEP 25	6.19	OCT 19	5.68	JAN 04, 1978	4.05
19	3.06	JAN 07, 1959	7.31	DEC 28	3.25	FEB 22	3.83
JUN 04	3.47	JUL 08	6.67	FEB 11, 1971	3.91	MAR 23	2.00
18	4.84	OCT 15	6.88	MAR 22	3.18	MAY 18	1.80
JUL 02	4.30	JAN 12, 1960	4.99	MAY 07	3.39	JUN 27	4.60
16	4.44	APR 14	6.35	JUN 03	4.13	JUL 24	4.77
AUG 17	5.45	JUL 13	7.26	JUL 21	4.98	SEP 21	4.02
SEP 30	6.43	OCT 10	13.80	AUG 19	4.95	OCT 30	5.87
OCT 15	6.85	JAN 13, 1961	5.43	SEP 10	6.30	DEC 15	4.50
NOV 03	6.62	APR 10	4.86	OCT 27	3.99	JAN 03, 1979	3.20
15	6.45	JUL 12	19.59	NOV 12	4.35	MAR 13	3.16
DEC 31	5.20	SEP 28	13.95	DEC 22	4.67	MAY 03	3.28
FEB 01, 1954	4.59	JAN 09, 1962	9.16	FEB 14, 1972	2.44	JUL 05	3.35
25	4.32	APR 12	4.40	MAR 07	2.95	AUG 08	4.52
MAR 01	3.00	JUL 11	7.00	APR 19	2.45	SEP 25	3.79
16	3.60	OCT 16	16.49	MAY 16	2.40	OCT 24	3.62
APR 06	4.23	17	19.19	JUN 20	4.19	NOV 20	3.75
MAY 03	4.10	JAN 04, 1963	6.08	JUL 27	4.68	DEC 18	3.40
JUN 05	3.70	APR 10	5.07	SEP 22	4.20	JAN 02, 1980	3.28
15	4.30	JUL 10	14.60	NOV 02	4.75	23	2.76
JUL 06	5.22	OCT 08	14.20	DEC 18	2.48	FEB 27	3.39
19	5.30	JAN 08, 1964	5.58	FEB 13, 1973	3.06	APR 15	2.50
AUG 16	5.10	APR 02	16.87	MAR 20	2.96	MAY 28	3.05

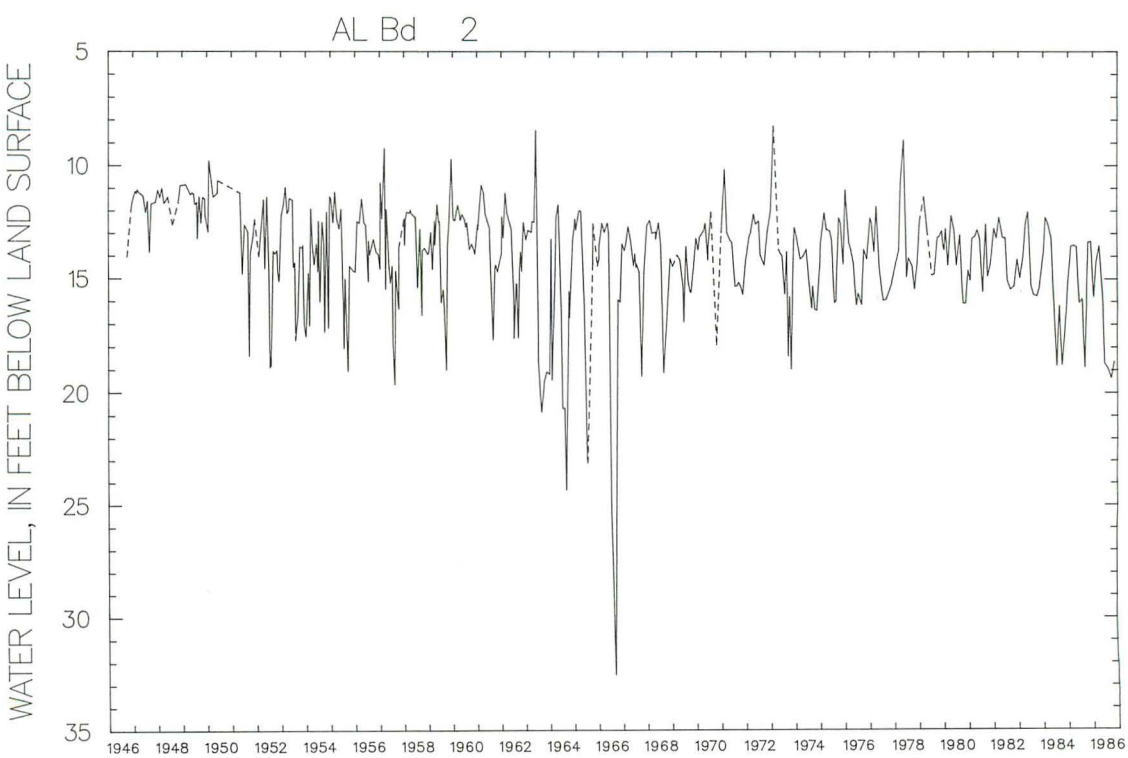
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 03, 1980	4.69	MAR 22, 1982	3.24	DEC 15, 1983	2.85	SEP 11, 1985	5.25
AUG 15	4.47	MAY 11	3.86	FEB 01, 1984	4.22	OCT 22	5.33
OCT 10	5.68	JUN 21	3.58	MAR 16	3.42	DEC 02	2.89
NOV 10	5.95	JUL 26	4.65	APR 23	2.95	JAN 16, 1986	5.07
DEC 17	4.26	SEP 09	5.24	JUN 12	4.93	FEB 20	1.85
JAN 21, 1981	5.21	NOV 02	5.33	JUL 13	4.35	APR 07	4.32
FEB 25	2.75	DEC 15	4.92	AUG 28	4.61	MAY 21	4.40
APR 06	4.73	JAN 26, 1983	4.29	OCT 09	5.42	JUL 01	5.67
MAY 06	3.65	MAR 10	3.78	NOV 19	4.58	AUG 11	6.01
JUN 10	3.12	APR 18	2.94	JAN 03, 1985	4.14	OCT 01	6.22
JUL 22	4.96	MAY 23	2.36	FEB 14	2.85	NOV 18	5.18
SEP 09	4.17	JUL 08	4.62	APR 04	7.74		
OCT 05	5.22	AUG 16	5.86	MAY 06	3.18		
JAN 05, 1982	2.85	OCT 03	5.60	JUN 17	4.36		
FEB 17	2.61	NOV 07	5.01	JUL 29	4.67		



WELL NUMBER.--AL Bd 2 SITE ID.--393930078460901
LOCATION.--Lat 39°39'30", long 78°46'09", Hydrologic Unit 02070002, at Henderson Ave. and Valley St., Cumberland.
Owner: Cumberland Brewing Company.
AQUIFER.--Tonoloway Limestone.
WELL CHARACTERISTICS.--Drilled unused artesian well, reported depth 100 ft, measured depth 84.5; casing diameter 6 in. to unknown depth; open hole.
DATUM.--Altitude of land-surface datum is 640 ft. Measuring point: Top of casing at land-surface datum.
PERIOD OF RECORD.--October 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured, 8.24 ft below land-surface datum, Feb. 8, 1973; lowest measured, 32.55 ft below land-surface datum, Sept. 7, 1966.

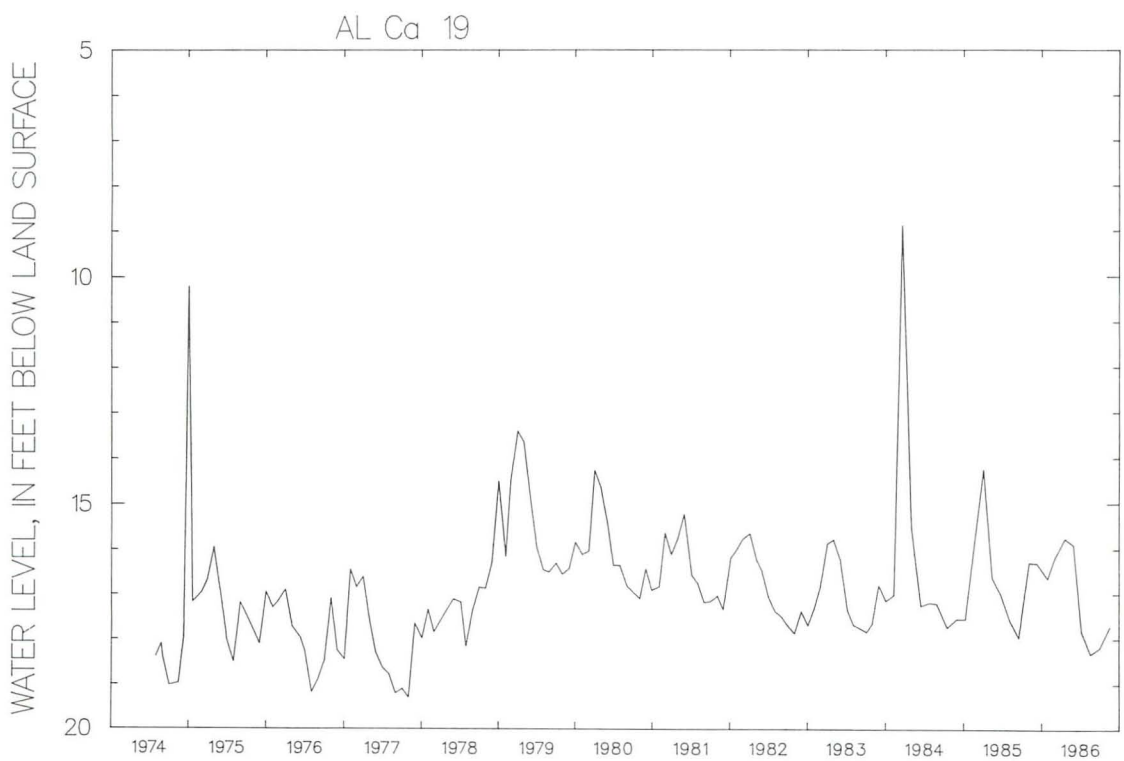
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04, 1946	14.04	JUN 19, 1953	11.53	APR 09, 1958	11.96	APR 10, 1963	12.46
DEC 06	11.94	30	14.50	16	12.10	MAY 08	12.50
19	11.63	JUL 23	14.30	JUN 20	12.30	JUN 04	8.45
FEB 04, 1947	11.11	AUG 03	17.73	JUL 21	15.27	JUL 10	17.56
21	11.24	SEP 08	16.55	23	15.40	11	18.60
MAR 07	11.06	OCT 05	13.59	AUG 28	12.79	AUG 27	20.85
31	11.19	NOV 13	13.66	SEP 25	16.62	OCT 01	19.80
APR 22	11.25	19	13.53	OCT 02	13.78	08	19.50
MAY 01	11.26	DEC 08	17.00	NOV 04	13.65	NOV 14	19.06
JUN 03	11.35	JAN 05, 1954	17.55	DEC 03	13.80	DEC 27	19.18
JUL 08	12.08	FEB 10	14.74	24	13.92	JAN 18, 1964	13.23
AUG 05	11.57	25	17.09	JAN 07, 1959	13.85	30	19.45
SEP 03	13.86	MAR 17	11.90	FEB 05	12.95	MAR 17	14.85
30	11.69	APR 08	13.50	MAR 03	14.60	APR 02	12.33
DEC 02	11.61	MAY 06	14.40	APR 02	12.45	MAY 04	11.70
JAN 06, 1948	11.08	JUN 09	13.47	07	13.52	JUN 18	16.42
FEB 03	11.41	28	14.70	MAY 13	11.70	JUL 08	20.39
MAR 04	11.00	JUL 07	12.46	JUN 04	12.49	10	20.67
APR 06	11.67	29	16.03	16	12.48	AUG 10	20.67
JUN 01	11.39	AUG 31	12.48	JUL 08	15.23	SEP 02	24.33
AUG 09	12.62	SEP 26	13.54	10	16.06	OCT 14	15.54
NOV 03	11.64	OCT 05	17.35	AUG 11	15.49	19	16.72
DEC 02	10.88	NOV 08	12.05	27	16.24	DEC 08	13.29
FEB 14, 1949	10.84	DEC 02	17.17	SEP 28	19.01	JAN 11, 1965	12.35
22	10.84	21	11.36	OCT 15	13.62	21	12.85
MAR 02	10.88	JAN 07, 1955	11.47	NOV 09	12.36	MAR 12	11.98
MAY 03	11.29	FEB 07	12.48	DEC 12	9.71	APR 05	11.99
23	11.20	09	12.53	JAN 06, 1960	12.18	08	12.03
JUN 18	11.25	MAR 07	11.16	11	12.38	MAY 27	15.92
JUL 06	11.73	APR 07	12.36	FEB 02	12.43	JUL 14	22.89
AUG 03	11.61	MAY 10	12.80	MAR 18	11.74	20	23.10
11	13.25	JUN 09	11.92	APR 14	12.16	OCT 04	14.33
SEP 07	11.35	JUL 14	16.53	26	12.41	08	12.55
OCT 04	12.55	20	18.07	MAY 20	12.15	DEC 14	14.42
NOV 01	11.40	AUG 05	15.00	JUN 28	12.38	JAN 05, 1966	14.13
30	11.47	SEP 20	19.08	JUL 13	12.71	06	13.54
DEC 05	12.19	OCT 12	14.44	AUG 01	12.51	FEB 19	12.54
JAN 19, 1950	12.95	DEC 07	14.66	SEP 08	13.71	MAR 25	12.95
FEB 01	9.78	JAN 04, 1956	14.70	OCT 10	13.46	MAY 11	12.52
APR 04	11.39	FEB 02	12.47	NOV 04	13.64	31	12.99
JUN 06	11.20	MAR 05	12.55	30	13.92	JUL 12	25.25
09	10.65	APR 09	11.46	JAN 09, 1961	12.61	28	27.14
MAY 04, 1951	11.21	MAY 15	12.55	12	12.83	SEP 07	32.55
JUN 07	14.82	JUN 07	12.63	MAR 06	10.85	OCT 17	15.91
JUL 12	12.62	JUL 18	15.14	APR 10	11.22	NOV 17	16.02
AUG 30	12.94	19	13.33	MAY 05	12.14	DEC 16	13.44
SEP 18	18.41	AUG 07	13.96	JUL 06	12.76	JAN 19, 1967	13.75
OCT 04	13.92	SEP 28	13.29	12	13.63	FEB 15	13.38
NOV 19	13.02	OCT 04	13.26	AUG 29	17.68	MAR 17	12.68
DEC 06	12.36	11	13.40	SEP 28	14.48	APR 24	13.30
FEB 08, 1952	14.04	NOV 08	13.82	OCT 11	14.40	JUN 08	14.42
APR 09	11.80	DEC 12	13.93	NOV 03	14.69	26	13.89
16	11.49	JAN 08, 1957	14.58	JAN 04, 1962	13.87	JUL 12	14.49
MAY 05	14.57	10	10.75	09	12.24	19	14.34
JUN 05	11.39	FEB 04	12.37	FEB 28	11.20	AUG 28	14.68
JUL 08	14.86	MAR 15	9.24	MAR 28	12.10	OCT 05	19.27
22	18.89	APR 02	15.48	MAY 03	12.50	NOV 09	14.75
AUG 07	18.80	11	11.93	29	12.80	DEC 21	12.64
SEP 08	13.79	MAY 22	14.48	JUL 09	15.90	FEB 01, 1968	12.40
OCT 02	13.91	JUN 12	15.19	11	17.62	MAR 07	12.98
NOV 04	13.77	JUL 08	14.45	AUG 14	15.20	APR 29	12.92
13	14.68	19	17.85	21	15.25	30	13.25
DEC 02	15.14	AUG 15	19.66	SEP 12	17.60	JUN 12	12.51
08	14.85	28	14.66	OCT 04	14.48	JUL 16	13.50
JAN 05, 1953	12.22	OCT 14	16.35	16	13.80	18	13.82
FEB 10	11.67	16	13.64	NOV 01	14.68	AUG 28	19.13
MAR 06	10.95	JAN 02, 1958	12.36	28	12.50	OCT 11	16.89
31	12.13	09	13.52	JAN 04, 1963	13.28	DEC 02	14.10
APR 21	12.00	FEB 10	12.05	FEB 06	12.85	JAN 06, 1969	14.45
MAY 05	11.45	MAR 20	12.10	MAR 28	12.95	MAR 14	13.95

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 24, 1969	14.15	SEP 13, 1973	18.41	OCT 17, 1977	15.50	JUN 22, 1977	13.18
JUN 12	15.35	OCT 02	15.77	NOV 18	15.20	JUL 27	15.06
24	16.92	26	18.97	JAN 04, 1978	14.49	SEP 10	15.45
JUL 24	13.55	NOV 30	13.47	MAR 02	13.74	NOV 03	15.31
AUG 25	15.08	DEC 11	12.72	29	10.76	DEC 16	14.12
SEP 23	15.55	JAN 14, 1974	13.15	MAY 16	8.85	JAN 27, 1983	14.95
OCT 07	15.60	MAR 11	14.12	JUN 28	14.92	MAR 11	14.06
NOV 24	14.18	APR 25	13.98	JUL 24	14.07	APR 18	12.55
DEC 19	13.20	JUN 06	13.69	SEP 18	14.42	MAY 25	12.02
JAN 21, 1970	13.72	JUL 25	15.36	OCT 23	15.44	JUL 13	15.29
FEB 12	13.15	AUG 26	16.30	DEC 01	14.33	AUG 17	15.69
APR 13	12.85	SEP 10	15.30	JAN 03, 1979	12.48	OCT 05	15.75
MAY 05	12.53	OCT 08	16.34	MAR 09	11.35	NOV 09	15.41
JUN 15	14.18	NOV 07	16.39	APR 25	12.81	JAN 09, 1984	13.78
17	13.67	DEC 27	14.37	JUL 05	14.82	FEB 06	12.27
JUL 30	12.02	JAN 02, 1975	13.47	AUG 10	14.77	MAR 16	12.58
OCT 19	17.88	27	12.82	SEP 24	13.17	MAY 01	13.18
DEC 28	12.95	FEB 26	12.07	OCT 24	13.10	JUN 15	16.37
FEB 16, 1971	10.15	APR 01	12.85	NOV 27	12.86	JUL 24	18.82
MAR 22	12.96	03	12.80	DEC 19	13.53	AUG 30	16.17
MAY 07	13.29	MAY 20	12.88	JAN 02, 1980	13.71	OCT 10	18.79
JUN 03	13.39	JUN 18	13.30	22	12.77	NOV 19	17.35
JUL 21	15.32	JUL 28	16.06	FEB 28	14.40	JAN 02, 1985	15.18
AUG 19	15.30	AUG 19	15.97	APR 16	12.19	FEB 15	13.55
SEP 13	15.15	SEP 29	12.29	MAY 29	12.85	MAR 25	13.51
OCT 15	15.36	OCT 24	12.51	JUL 03	14.40	MAY 07	13.57
NOV 12	15.69	DEC 04	14.35	AUG 22	13.04	JUN 18	16.05
DEC 22	14.26	JAN 02, 1976	11.05	OCT 09	16.08	JUL 31	15.88
FEB 11, 1972	13.16	FEB 24	13.39	NOV 13	16.06	SEP 12	18.90
MAR 07	12.94	MAR 26	13.71	DEC 24	14.61	OCT 25	13.38
APR 19	12.12	MAY 05	14.32	JAN 23, 1981	15.06	DEC 05	13.34
MAY 17	12.58	JUN 14	16.16	FEB 18	13.21	JAN 17, 1986	15.80
JUL 01	12.43	JUL 13	15.64	APR 02	13.10	FEB 24	14.22
27	13.95	AUG 30	16.13	MAY 07	12.82	APR 08	13.53
SEP 22	14.39	OCT 04	13.70	JUN 12	13.22	MAY 28	15.65
NOV 09	12.88	NOV 16	14.12	JUL 27	15.57	JUN 30	18.72
DEC 26	11.98	JAN 03, 1977	12.30	SEP 08	12.57	AUG 15	18.92
FEB 08, 1973	8.24	21	12.47	OCT 07	14.88	OCT 03	19.35
APR 23	13.69	MAR 03	13.80	NOV 19	14.31	NOV 17	18.65
MAY 18	13.86	APR 04	11.78	JAN 07, 1982	12.76		
JUN 14	13.98	MAY 19	14.46	FEB 12	13.19		
JUL 24	15.68	JUL 14	15.94	MAR 24	12.27		
AUG 22	13.78	AUG 24	15.90	MAY 13	13.16		



WELL NUMBER.--AL Ca 19 SITE ID.--393009079025201 PERMIT NUMBER.--AL-05-0057
LOCATION.--Lat 39°30'09", long 79°02'52", Hydrologic Unit 02070002, north end of Franklin.
Owner: Carl Arthur.
AQUIFER.--Conemaugh Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, reported depth 93 ft, measured depth 84.5 ft; casing diameter 6 in. with depth to 46 ft; open hole.
DATUM.--Altitude of land-surface datum is 1035 ft. Measuring point: Top of casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--July 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 8.88 ft below land-surface datum, March 19, 1984; lowest measured, 19.30 ft below land-surface datum, Nov. 1, 1977.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 31, 1974	18.38	JUL 01, 1977	18.63	JUL 01, 1980	16.35	JUN 03, 1983	16.22
AUG 26	18.10	AUG 01	18.78	31	16.35	JUL 07	17.35
SEP 03	18.40	SEP 01	19.20	SEP 04	16.82	AUG 04	17.68
OCT 02	19.02	OCT 03	19.10	OCT 01	16.95	SEP 02	17.75
NOV 15	18.97	NOV 01	19.30	NOV 03	17.10	OCT 05	17.84
DEC 09	17.97	DEC 01	17.65	DEC 01	16.43	31	17.65
JAN 02, 1975	10.20	JAN 03, 1978	17.98	30	16.91	DEC 01	16.80
21	17.17	FEB 02	17.34	FEB 03, 1981	16.83	JAN 03, 1984	17.15
MAR 05	16.95	MAR 01	17.84	MAR 02	15.64	FEB 09	17.02
31	16.68	MAY 01	17.35	APR 01	16.11	MAR 19	8.88
MAY 02	15.95	JUN 01	17.11	MAY 01	15.77	MAY 01	15.53
JUN 02	16.98	JUL 06	17.18	JUN 01	15.23	JUN 15	17.26
JUL 01	18.02	31	18.16	JUL 07	16.57	JUL 23	17.19
AUG 01	18.50	SEP 01	17.35	AUG 03	16.75	AUG 27	17.21
SEP 02	17.18	OCT 02	16.85	SEP 02	17.18	OCT 16	17.74
NOV 03	17.80	31	16.87	OCT 02	17.16	NOV 29	17.55
DEC 01	18.10	DEC 01	16.28	NOV 04	17.04	JAN 09, 1985	17.55
JAN 02, 1976	16.95	JAN 02, 1979	14.50	DEC 01	17.34	FEB 27	15.60
FEB 02	17.30	FEB 05	16.15	JAN 05, 1982	16.19	APR 04	14.24
MAR 01	17.13	28	14.50	FEB 04	15.99	MAY 15	16.63
APR 01	16.90	APR 02	13.40	MAR 03	15.77	JUN 24	17.00
MAY 03	17.72	MAY 01	13.64	APR 06	15.65	AUG 05	17.57
JUN 09	17.96	JUN 01	14.85	MAY 06	16.21	SEP 17	17.96
JUL 01	18.26	JUL 02	15.95	JUN 01	16.47	NOV 04	16.29
AUG 02	19.18	AUG 02	16.45	JUL 01	17.05	DEC 10	16.30
SEP 01	18.89	29	16.50	AUG 02	17.38	JAN 29, 1986	16.64
OCT 01	18.48	OCT 02	16.30	SEP 02	17.50	MAR 05	16.17
NOV 01	17.09	NOV 01	16.55	OCT 01	17.70	APR 21	15.76
DEC 01	18.25	DEC 03	16.42	NOV 01	17.87	MAY 30	15.90
JAN 03, 1977	18.45	JAN 02, 1980	15.84	DEC 03	17.38	JUL 07	17.82
FEB 01	16.44	FEB 04	16.11	JAN 03, 1983	17.69	AUG 19	18.32
MAR 01	16.84	MAR 06	16.03	FEB 02	17.32	OCT 01	18.18
APR 01	16.61	APR 03	14.26	MAR 01	16.85	NOV 17	17.72
MAY 02	17.61	MAY 02	14.63	APR 04	15.87		
31	18.30	JUN 02	15.41	MAY 02	15.78		



WELL NUMBER.--AA Ac 11 SITE ID.--391101076404001 PERMIT NUMBER.--AA-00-2445

LOCATION.--Lat 39°11'01", long 76°40'40", Hydrologic Unit 02060003, west end of runway 15 Baltimore-Washington International Airport.
Owner: Maryland Department of Transportation.

AQUIFER.--Patuxent Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 320 ft; casing diameter 6 in. with depth to 312 ft; screened from 312 to 320 ft.

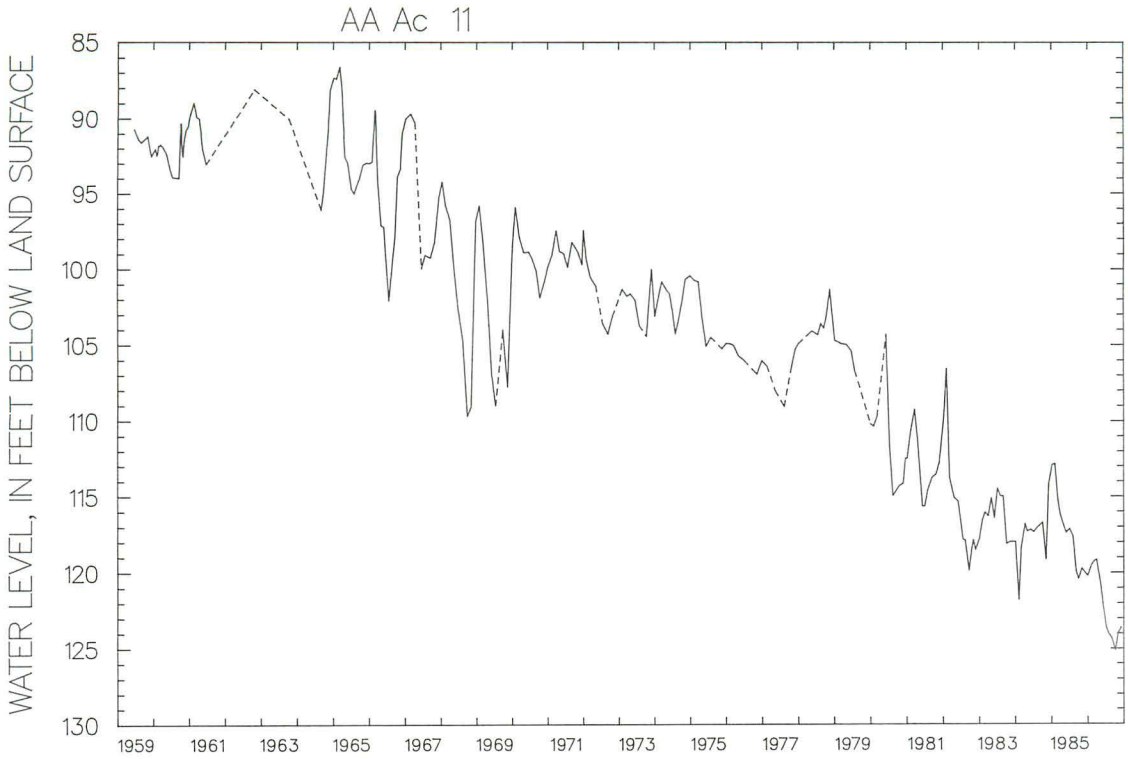
DATUM.--Altitude of land-surface datum is 136.9 ft. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well used during construction of airport. Water level reported by driller 90 ft below land-surface datum, April 23, 1948.

PERIOD OF RECORD.--June 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 86.60 ft below land-surface datum, March 9, 1965; lowest measured, 125.12 ft below land-surface datum, Oct. 9, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 18, 1959	90.73	JAN 11, 1967	90.01	JUN 06, 1974	101.62	MAR 09, 1982	113.75
AUG 04	91.42	MAR 01	89.69	JUL 01	102.62	APR 23	115.05
31	91.61	APR 14	90.30	AUG 02	104.27	JUN 03	115.33
OCT 19	91.30	JUN 20	99.94	SEP 06	103.30	JUL 20	117.79
NOV 05	91.19	JUL 28	99.06	OCT 10	102.13	AUG 12	117.89
DEC 14	92.55	SEP 19	99.25	NOV 13	100.69	SEP 21	119.84
31	92.30	OCT 31	98.26	DEC 30	100.43	OCT 15	118.55
JAN 22, 1960	92.04	DEC 15	95.22	FEB 11, 1975	100.74	NOV 03	117.85
25	92.12	JAN 18, 1968	94.20	MAR 26	100.84	26	118.50
FEB 02	92.28	FEB 20	95.77	MAY 02	103.18	JAN 03, 1983	117.76
16	92.29	APR 04	96.72	JUN 12	105.09	FEB 01	116.55
MAR 09	91.80	MAY 22	100.25	JUL 30	104.49	MAR 01	116.03
15	91.73	JUN 28	102.55	NOV 19	105.24	APR 01	116.30
APR 13	91.96	AUG 15	104.66	DEC 31	104.90	MAY 05	115.09
MAY 13	92.31	SEP 30	109.68	FEB 10, 1976	104.92	JUN 03	116.42
17	92.40	NOV 08	109.06	MAR 18	105.03	JUL 06	114.46
JUN 20	93.35	DEC 27	96.82	MAY 06	105.71	AUG 04	114.95
JUL 18	93.92	JAN 31, 1969	95.80	JUL 02	106.01	SEP 02	114.98
SEP 22	93.97	MAR 13	98.26	NOV 08	106.92	OCT 05	118.12
OCT 08	90.55	APR 28	102.25	DEC 30	106.01	NOV 09	117.97
10	90.32	JUN 06	106.90	FEB 18, 1977	106.38	JAN 03, 1984	117.97
NOV 10	91.63	JUL 18	109.00	MAY 13	108.00	FEB 07	121.78
26	90.80	SEP 29	104.00	AUG 12	109.03	MAR 01	118.32
DEC 22	90.50	NOV 17	107.77	OCT 21	106.59	APR 09	116.79
JAN 09, 1961	89.75	JAN 06, 1970	98.50	DEC 02	105.27	MAY 02	117.30
FEB 15	88.96	FEB 05	95.90	30	104.93	JUN 05	117.18
MAR 16	89.89	MAR 18	97.88	APR 05, 1978	104.34	JUL 05	117.34
APR 14	90.04	MAY 04	98.90	MAY 19	104.08	AUG 03	117.09
MAY 18	91.99	JUN 21	98.85	JUN 22	104.22	29	116.93
JUN 26	93.06	JUL 29	99.34	JUL 18	104.33	OCT 02	116.72
OCT 24, 1962	88.10	SEP 09	100.14	AUG 18	103.58	NOV 07	119.12
15	90.05	OCT 15	101.89	SEP 15	103.90	DEC 04	114.15
SEP 04, 1964	96.08	NOV 30	100.84	OCT 13	103.12	JAN 07, 1985	112.90
29	94.87	JAN 06, 1971	99.83	NOV 17	101.34	FEB 05	112.83
NOV 10	91.37	FEB 17	99.05	JAN 05, 1979	104.68	MAR 07	115.18
DEC 01	88.12	MAR 30	97.45	MAR 09	104.91	28	116.13
JAN 06, 1965	87.32	MAY 05	98.81	MAY 04	104.97	MAY 01	116.88
FEB 01	87.41	JUN 17	98.97	JUN 21	105.40	30	117.39
MAR 09	86.60	JUL 27	99.88	JUL 27	106.72	JUL 03	117.14
APR 02	88.31	SEP 10	98.20	JAN 02, 1980	110.19	AUG 05	117.63
MAY 03	92.55	NOV 11	98.88	FEB 01	110.35	SEP 06	119.91
JUN 02	93.03	DEC 22	99.70	MAR 07	109.69	OCT 01	120.42
JUL 07	94.68	JAN 05, 1972	97.41	JUN 05	104.30	NOV 05	119.71
AUG 05	95.01	FEB 03	99.30	JUL 10	111.57	DEC 03	119.98
SEP 06	94.39	MAR 17	100.55	AUG 14	114.95	JAN 02, 1986	120.21
29	93.97	MAY 11	101.11	OCT 15	114.31	FEB 05	119.54
NOV 02	93.11	JUL 20	103.58	NOV 26	114.12	MAR 03	119.27
DEC 02	92.98	SEP 12	104.27	DEC 18	112.49	APR 01	119.14
JAN 10, 1966	93.00	OCT 30	103.11	JAN 06, 1981	112.45	MAY 09	120.63
FEB 03	92.88	FEB 05, 1973	101.33	FEB 09	110.64	JUN 04	121.97
MAR 02	89.43	MAR 27	101.78	MAR 19	109.23	JUL 08	123.57
08	89.68	APR 30	101.62	APR 20	111.32	30	123.98
APR 01	94.16	JUN 19	102.05	JUN 09	115.65	SEP 03	124.33
MAY 04	97.10	JUL 30	103.70	JUL 02	115.62	OCT 09	125.12
JUN 02	97.24	OCT 12	104.43	31	114.59	NOV 06	123.95
JUL 23	102.08	DEC 03	100.00	SEP 11	113.77	DEC 04	123.62
SEP 23	97.85	JAN 07, 1974	103.12	OCT 23	113.51		
OCT 18	93.88	FEB 05	102.11	NOV 24	112.78		
NOV 17	93.39	MAR 18	100.82	JAN 07, 1982	109.75		
DEC 06	90.94	MAY 01	101.33	FEB 05	106.54		


AA Ac 11
WATER LEVEL, IN FEET BELOW LAND SURFACE
85
90
95
100
105
110
115
120
125
130
1959
1961
1963
1965
1967
1969
1971
1973
1975
1977
1979
1981
1983
1985

WELL NUMBER.--AA Ad 29 SITE ID.--391015076373501

LOCATION.--Lat 39°10'15", long 76°37'35", Hydrologic Unit 02060003, near Linden Lane, Glen Burnie, near the Anne Arundel County Department of Public Works office.
Owner: Anne Arundel County Department of Public Works.

AQUIFER.--Patuxent Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 500 ft; casing diameter 3 in. with depth to 395 ft and from 400 to 420 ft; casing diameter 2 in. from 420 to 460 ft; screened 3 in. slotted pipe from 395 to 400 ft; screened 2 in. slotted pipe from 460 to 500 ft.

DATUM.--Altitude of land-surface datum is 37 ft. Measuring point: Top of casing, 1.47 ft above land-surface datum.

REMARKS.--Equipped with water-level recorder from July 19, 1948 to Jan. 18, 1968.

PERIOD OF RECORD.--June 1948 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 14.04 ft above land-surface datum, Sept. 2, 1952; lowest measured, 63.63 ft below land-surface datum, July 30, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 04, 1948	10.93	NOV 23, 1953	13.07	DEC 08, 1959	-4.22	JUN 29, 1964	-12.99
11	10.91	DEC 31	12.73	21	-4.10	AUG 06	-15.04
JUL 14	11.31	FEB 10, 1954	12.69	JAN 14, 1960	-3.86	SEP 29	-14.82
19	11.34	APR 07	12.65	18	-2.31	NOV 10	-4.65
AUG 02	11.39	MAY 18	12.75	FEB 01	-4.44	DEC 01	-1.50
03	11.41	JUN 30	12.43	29	-2.44	JAN 06, 1965	1.03
SEP 01	11.63	SEP 07	12.30	APR 04	-2.88	FEB 01	0.18
16	11.38	15	12.11	13	-4.96	MAR 09	0.48
OCT 01	11.52	OCT 12	12.03	MAY 11	-4.35	APR 02	-6.76
14	11.62	NOV 29	11.89	17	-5.51	MAY 03	-11.10
NOV 05	11.55	DEC 28	11.62	JUN 02	-5.50	JUN 02	-11.96
16	11.39	FEB 25, 1955	10.94	20	-7.04	SEP 14	-8.54
DEC 09	11.62	APR 26	11.36	JUL 08	-9.88	29	-6.55
20	12.00	JUL 11	11.18	AUG 01	-9.19	NOV 02	-5.70
JAN 11, 1949	12.13	SEP 21	11.02	05	-9.91	DEC 02	3.19
19	12.21	NOV 07	11.17	SEP 08	-8.90	JAN 04, 1966	-2.46
FEB 03	12.20	DEC 05	11.10	29	-7.23	FEB 08	-4.79
17	12.67	JAN 09, 1956	10.67	OCT 07	3.02	MAR 02	-2.08
MAR 08	12.67	FEB 03	10.63	17	-3.02	NOV 29	-4.46
APR 06	13.45	28	10.91	NOV 03	-4.00	DEC 21	-7.67
12	13.30	APR 02	11.06	10	-1.27	JAN 10, 1967	-8.19
MAY 27	13.84	19	11.09	DEC 08	0.17	MAR 01	-9.68
JUN 15	13.76	JUN 04	11.30	22	0.68	APR 17	-9.20
20	13.82	JUL 11	11.31	JAN 11, 1961	2.50	24	-11.82
JUL 28	13.61	30	11.36	31	3.06	MAY 03	-13.35
AUG 31	13.58	AUG 01	11.42	FEB 18	-0.61	JAN 12, 1968	-12.08
SEP 30	13.17	SEP 11	11.02	MAR 01	-3.08	18	-12.90
OCT 27	12.81	OCT 01	11.17	11	-0.54	FEB 20	-13.64
NOV 30	12.96	29	10.87	APR 06	0.66	APR 04, 1974	-29.27
DEC 29	12.53	DEC 03	11.00	MAY 03	-4.65	SEP 26	-27.05
FEB 03, 1950	12.59	JAN 02, 1957	10.86	31	-4.55	MAY 15, 1975	-34.79
28	12.55	FEB 04	10.87	JUN 13	-7.80	MAY 11, 1976	-38.09
MAR 23	12.89	MAR 12	11.04	16	-7.06	SEP 15,	-37.94
APR 27	12.48	APR 02	11.16	AUG 01	-8.52	NOV 17	-36.08
MAY 19	12.51	29	11.28	28	-7.77	APR 05, 1977	-38.93
JUN 28	12.60	JUL 03	10.96	OCT 05	-2.14	JUL 27	-35.66
AUG 10	12.66	AUG 05	10.60	30	1.31	AUG 25	-36.03
SEP 19	12.52	SEP 10	9.59	NOV 06	-1.30	SEP 06	36.73
OCT 26	12.30	OCT 07	9.24	DEC 05	-2.83	30	-37.18
NOV 20	12.29	NOV 12	7.67	JAN 03, 1962	-3.55	OCT 31	-35.13
JAN 02, 1951	11.95	DEC 09	9.48	FEB 06	-1.85	NOV 29	-34.43
10	11.96	JAN 07, 1958	9.27	MAR 09	-7.44	DEC 28	-31.85
FEB 13	11.93	FEB 07	4.74	APR 03	-4.73	JAN 24, 1978	-31.24
APR 17	12.30	MAR 04	4.52	25	-3.75	FEB 22	-32.03
MAY 22	12.28	APR 01	6.22	MAY 25	-11.78	MAR 20	-32.15
JUN 28	12.24	MAY 06	4.87	JUN 05	-12.35	APR 04	-31.94
JUL 30	12.09	JUN 02	3.74	JUL 02	-5.87	MAY 01	-31.17
AUG 21	12.14	05	2.61	AUG 01	-7.36	18	-31.16
SEP 18	12.09	JUL 07	5.85	SEP 04	-8.29	JUN 14	-30.24
NOV 08	12.19	AUG 04	3.12	OCT 09	-3.86	JUL 12	-30.22
DEC 06	12.26	SEP 02	4.14	NOV 05	-0.81	AUG 10	-29.61
JAN 03, 1952	12.22	11	3.52	DEC 03	0.05	SEP 07	-29.93
FEB 05	12.16	NOV 17	2.20	JAN 08, 1963	-1.95	NOV 09	-27.13
APR 03	12.58	DEC 01	5.14	FEB 13	-3.48	30	-25.44
MAY 08	13.07	JAN 05, 1959	6.00	MAR 05	-4.95	DEC 28	-31.96
JUN 16	13.38	FEB 02	3.87	APR 02	-5.09	FEB 01, 1979	-33.79
JUL 11	13.37	MAR 02	3.77	29	-8.62	MAR 19	-34.69
SEP 02	14.04	31	3.85	JUN 07	-6.81	APR 17	-34.76
OCT 06	13.53	MAY 04	3.21	JUL 16	-13.05	SEP 04	-39.53
28	13.31	JUN 01	0.09	SEP 09	-8.45	FEB 22, 1980	-42.75
DEC 18	13.22	04	0.41	24	-6.22	MAR 04	-44.61
22	13.21	JUL 08	-7.29	OCT 16	-5.39	JUN 19	-39.53
FEB 09, 1953	13.13	13	-5.76	NOV 04	-4.45	JUL 23	-52.26
MAR 16	13.23	AUG 03	-4.82	DEC 10	-3.20	AUG 21	-53.42
APR 17	13.42	31	-6.73	JAN 03, 1964	-2.55	NOV 26	-49.00
JUN 18	13.58	SEP 14	-6.43	FEB 10	-2.82	JAN 28, 1981	-40.95
JUL 15	13.38	21	-6.44	MAR 06	-4.31	FEB 25	-40.11
SEP 02	13.49	OCT 19	-4.16	APR 06	-2.18	MAR 25	-40.22
OCT 08	12.97	NOV 05	-5.55	MAY 05	-5.43	SEP 04	-51.86
20	13.05	12	-5.38	JUN 02	-11.12	NOV 20	-47.48

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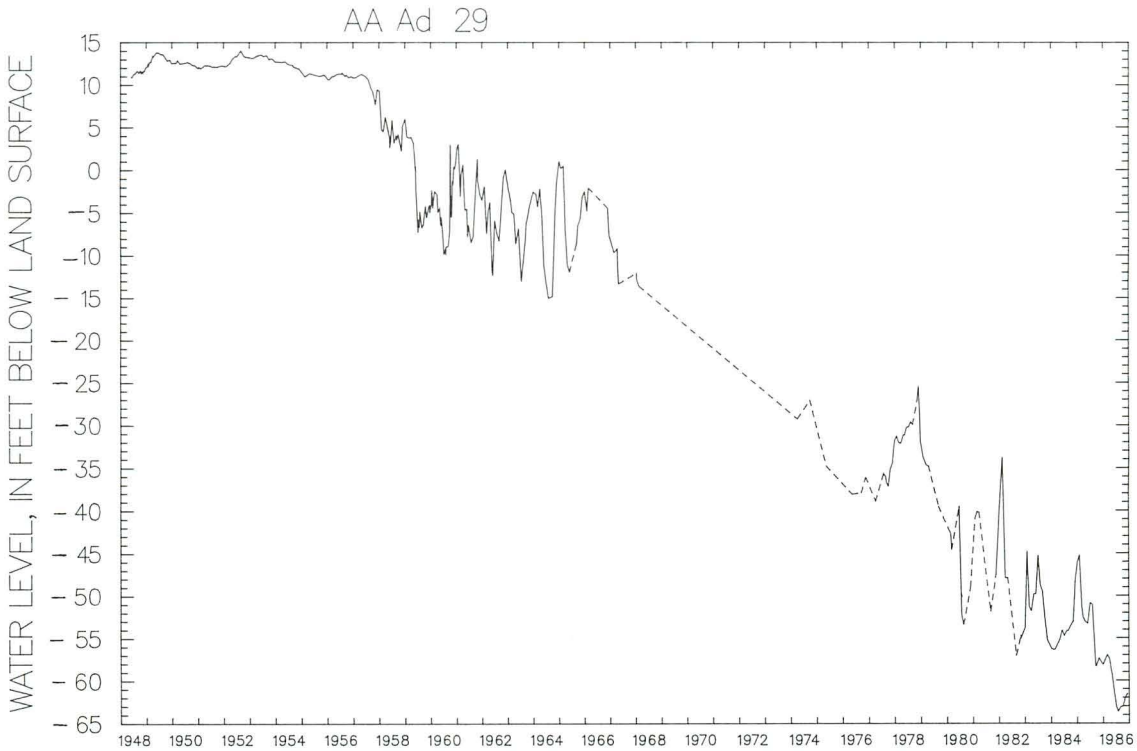
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 07, 1982	-39.56	AUG 04, 1983	-48.76	DEC 04, 1984	-48.41	FEB 05, 1986	-57.45
FEB 16	-33.77	SEP 02	-49.50	JAN 07, 1985	-46.09	MAR 03	-56.99
MAR 29	-47.90	OCT 05	-52.55	FEB 05	-45.23	APR 01	-57.46
MAY 03	-47.90	NOV 09	-55.22	MAR 07	-51.25	MAY 09	-59.45
SEP 01	-57.04	JAN 03, 1984	-56.21	28	-52.57	JUN 04	-61.20
NOV 03	-54.74	FEB 07	-56.40	MAY 01	-53.10	JUL 08	-63.12
04	-55.01	MAR 01	-56.30	30	-53.30	30	-63.63
JAN 03, 1983	-53.78	MAY 02	-55.19	JUL 03	-50.85	SEP 03	-63.11
FEB 01	-44.78	JUN 05	-54.06	AUG 05	-51.09	OCT 09	-63.00
MAR 01	-51.28	JUL 05	-54.75	SEP 18	-58.33	NOV 06	-62.07
31	-51.82	AUG 03	-54.17	OCT 01	-58.26	DEC 04	-61.61
MAY 05	-49.81	28	-54.14	NOV 05	-57.36		
JUN 03	-49.78	OCT 02	-53.55	DEC 03	-57.78		
JUL 06	-45.27	NOV 07	-53.03	JAN 02, 1986	-58.16		



WELL NUMBER.--AA Bf 3 SITE. ID.--390945076285601
LOCATION.--Lat 39°09'45", long 76°28'56", Hydrologic Unit 02060003, 8 mi east of Glen Burnie at Fort Smallwood Park.
Owner: Baltimore City Department of Recreation and Parks.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Dug brick-lined unused water-table well, diameter 4 ft, depth 22.8 ft.
DATUM.--Altitude of land-surface datum is 20 ft. Measuring point: Hole in concrete cover at land-surface datum.
REMARKS.--Water level measured 14.10 ft below land-surface datum, Jan. 27, 1944.
PERIOD OF RECORD.--April 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water-level measured 10.40 ft below land-surface datum, March 31, 1958; lowest measured, 19.09 ft below land surface datum, Dec. 7, 1965.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 11, 1956	13.15	DEC 04, 1961	18.61	NOV 06, 1968	16.20	MAY 13, 1977	13.84
19	13.08	JAN 08, 1962	18.06	DEC 19	16.18	JUL 11	14.87
JUN 04	13.72	FEB 05	17.42	FEB 03, 1969	15.20	AUG 12	15.71
JUL 11	13.75	MAR 05	15.81	MAR 13	14.74	OCT 21	17.07
30	14.04	APR 02	16.17	APR 28	14.25	DEC 02	14.05
SEP 10	14.70	27	12.35	JUN 05	14.56	30	12.55
OCT 01	14.93	JUN 04	15.62	JUL 17	15.58	FEB 10, 1978	12.11
29	15.21	JUL 02	13.86	AUG 25	13.38	APR 05	11.92
DEC 03	15.35	31	14.74	SEP 29	13.96	MAY 19	11.96
JAN 02, 1957	13.92	SEP 11	17.16	NOV 17	14.25	JUN 22	12.59
FEB 04	13.32	OCT 08	18.43	JAN 05, 1970	14.29	JUL 18	13.30
MAR 11	13.02	NOV 10	18.67	FEB 05	13.45	AUG 18	13.52
APR 01	12.98	DEC 10	17.93	MAR 18	13.88	SEP 15	13.96
29	12.95	JAN 07, 1963	18.01	MAY 04	13.39	OCT 13	14.45
JUN 10	13.16	FEB 12	16.32	JUN 15	14.59	NOV 17	15.07
JUL 03	14.10	MAR 07	16.19	JUL 24	13.89	JAN 05, 1979	14.23
AUG 05	15.29	APR 01	15.92	SEP 09	13.14	MAR 09	11.40
SEP 10	17.54	29	13.25	OCT 15	14.59	MAY 04	12.18
OCT 07	17.61	JUN 07	13.86	NOV 30	13.98	JUN 21	12.69
NOV 12	17.04	SEP 09	17.42	JAN 06, 1971	13.39	JUL 27	13.50
DEC 02	17.27	JAN 03, 1964	14.80	FEB 17	13.40	SEP 11	12.58
JAN 06, 1958	12.90	FEB 05	13.87	MAR 30	12.53	OCT 26	12.13
FEB 07	11.98	MAR 06	13.00	MAY 05	12.77	NOV 23	12.93
MAR 03	11.84	APR 06	13.15	JUN 17	12.88	JAN 02, 1980	13.55
31	10.40	MAY 05	12.74	JUL 27	13.88	FEB 01	13.65
MAY 05	11.22	JUN 02	13.01	SEP 10	12.97	MAR 07	13.89
JUN 02	11.84	29	13.64	NOV 11	12.29	APR 29	12.90
AUG 04	13.58	AUG 06	14.98	DEC 22	12.71	JUN 05	13.02
SEP 02	15.67	SEP 04	17.48	FEB 03, 1972	13.21	JUL 10	13.95
29	14.29	29	15.90	MAR 17	12.20	AUG 14	14.44
NOV 03	14.55	NOV 10	17.25	APR 28	12.23	OCT 15	15.47
DEC 01	15.32	DEC 01	15.59	JUN 26	13.03	NOV 26	16.19
29	15.20	JAN 06, 1965	16.43	SEP 12	14.04	DEC 18	16.11
FEB 02, 1959	14.09	FEB 01	15.79	OCT 30	14.94	JAN 06, 1981	15.38
MAR 02	13.90	MAR 09	13.55	DEC 29	12.20	FEB 09	14.96
30	13.67	APR 01	13.14	FEB 05, 1973	12.14	MAR 19	14.05
MAY 04	13.23	MAY 03	13.92	MAR 27	12.89	25	14.07
JUN 01	13.53	JUN 02	14.19	APR 30	12.30	APR 20	14.11
JUL 08	13.59	JUL 06	14.49	JUN 19	13.47	JUN 09	13.95
AUG 03	15.14	AUG 03	14.79	JUL 30	13.55	JUL 02	13.76
31	15.08	SEP 14	16.12	OCT 12	14.88	31	13.61
SEP 30	15.12	29	16.35	DEC 03	15.45	SEP 10	14.41
OCT 20	15.42	NOV 02	18.43	JAN 07, 1974	13.26	11	14.27
NOV 03	15.44	DEC 07	19.09	FEB 05	13.20	OCT 23	14.86
16	16.60	JAN 05, 1966	18.97	MAR 18	13.57	NOV 24	15.12
DEC 11	17.55	FEB 09	18.90	MAY 01	12.68	JAN 07, 1982	14.60
30	17.12	MAR 02	16.56	JUN 06	13.36	FEB 05	13.87
JAN 25, 1960	16.36	APR 07	13.80	JUL 01	13.75	MAR 09	13.07
FEB 29	15.41	28	13.89	AUG 02	14.31	APR 23	13.22
APR 04	12.88	JUN 15	13.41	SEP 06	15.07	JUN 03	13.18
13	13.04	AUG 04	14.53	OCT 10	15.82	JUL 20	13.05
MAY 06	13.17	SEP 16	17.38	NOV 13	15.69	AUG 12	14.72
JUN 02	12.97	OCT 11	17.27	DEC 30	14.12	SEP 21	14.35
JUL 08	13.19	NOV 16	14.05	FEB 11, 1975	13.48	OCT 15	14.90
AUG 01	14.08	DEC 29	14.15	MAR 26	12.71	NOV 03	14.99
SEP 13	14.17	JAN 31, 1967	13.64	MAY 02	13.00	26	15.20
OCT 03	13.62	MAR 14	12.78	JUN 12	13.03	JAN 03, 1983	13.93
NOV 07	14.99	APR 24	13.11	JUL 30	13.57	FEB 01	13.99
DEC 05	15.39	JUN 21	13.77	NOV 19	13.23	MAR 01	13.08
JAN 11, 1961	16.49	AUG 09	14.44	DEC 29	12.75	APR 01	11.84
31	16.10	SEP 12	12.42	FEB 10, 1976	12.55	MAY 05	10.80
MAR 01	12.17	OCT 27	13.70	MAR 18	13.23	JUN 03	12.02
APR 03	12.51	DEC 07	14.50	MAY 06	13.43	JUL 06	12.00
MAY 03	11.68	JAN 11, 1968	13.58	JUL 02	14.31	AUG 03	13.26
29	11.82	FEB 21	12.30	AUG 06	14.81	SEP 02	14.04
JUL 03	13.42	APR 10	12.95	SEP 27	14.85	OCT 05	15.14
AUG 01	14.12	MAY 20	13.73	NOV 08	13.35	NOV 09	15.96
28	14.87	JUN 27	13.55	DEC 30	14.00	JAN 03, 1984	12.41
OCT 02	16.56	AUG 13	15.65	FEB 18, 1977	14.52	FEB 07	12.85
30	17.81	SEP 27	15.24	APR 12	13.69	MAR 01	12.32

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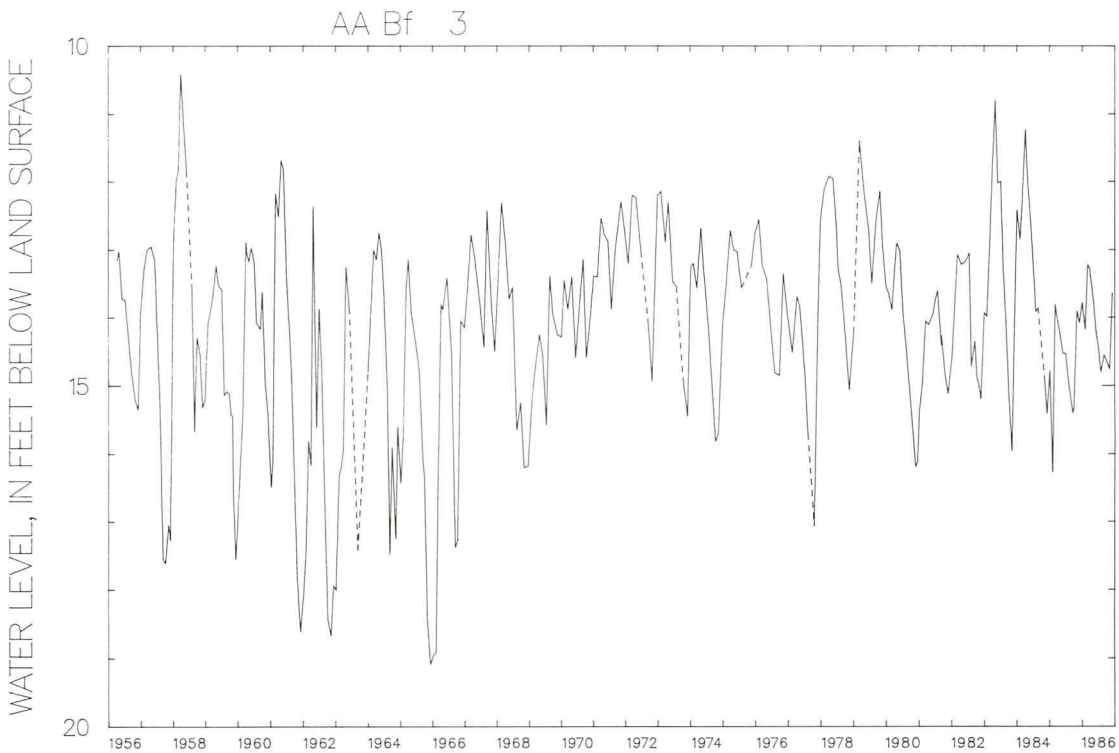
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 06, 1984	11.22	FEB 04, 1985	16.28	NOV 05, 1985	13.90	JUL 30, 1986	14.80
MAY 02	11.97	MAR 07	13.81	DEC 03	14.08	SEP 04	14.55
JUN 05	12.58	28	14.00	JAN 02, 1986	13.78	OCT 09	14.66
JUL 05	13.24	MAY 01	14.27	FEB 05	14.18	NOV 06	14.76
AUG 03	13.92	30	14.52	MAR 03	13.22	DEC 04	13.65
28	13.86	JUL 03	14.54	24	13.27		
NOV 07	14.91	AUG 05	14.97	MAY 09	13.76		
DEC 04	15.41	SEP 18	15.40	JUN 04	14.18		
JAN 07, 1985	14.78	OCT 01	15.32	JUL 08	14.49		



WELL NUMBER.--AA Cb 1 SITE ID.--390303076463201 PERMIT NUMBER.--AA-03-5695
LOCATION.--Lat 39°03'03", long 76°46'32", Hydrologic Unit 02060006, on Duvall Bridge Rd., Fort George G. Meade. Owner: U.S. Army.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 505 ft; casing diameter 6 in. with depth to 485 ft; screened from 485 to 505 ft.
DATUM.--Altitude of land-surface datum is 126 ft. Measuring point: Top lip of 3 in. extension pipe, 3.35 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder from July 2, 1964 to current year.
PERIOD OF RECORD.--March 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.60 ft below land-surface datum, May 1, 1962; lowest measured, 86.22 ft below land-surface datum, Oct. 7, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28, 1962	40.74	JUN 02, 1966	48.47	FEB 14, 1970	56.55	JUL 01, 1973	63.13
MAY 01	40.60	JUL 02	49.72	MAR 01	56.23	16	64.14
JUN 27	41.18	21	51.22	16	56.08	AUG 01	64.75
AUG 02	41.58	SEP 27	52.32	APR 01	55.83	16	65.87
SEP 10	41.71	OCT 18	51.47	15	55.27	SEP 01	66.56
OCT 10	41.82	NOV 26	50.51	MAY 01	55.65	15	66.43
DEC 11	41.45	DEC 09	50.37	12	55.65	OCT 01	65.95
JAN 14, 1963	41.54	15	50.25	JUN 01	56.65	16	65.43
FEB 14	41.28	JAN 02, 1967	49.78	15	57.53	NOV 01	64.62
MAR 06	41.12	03	49.81	JUL 01	57.83	15	64.02
APR 03	41.28	FEB 02	48.92	16	58.05	DEC 01	62.45
MAY 01	41.52	16	48.76	AUG 01	57.92	15	61.68
JUN 04	41.70	MAR 14	48.01	07	58.56	JAN 01, 1974	61.15
JUL 17	42.41	APR 04	48.37	SEP 10	59.22	13	60.62
SEP 04	43.09	07	47.84	OCT 29	59.93	FEB 01	60.48
OCT 14	43.20	MAY 12	48.50	30	59.98	14	61.71
DEC 14	43.24	JUN 21	51.78	NOV 01	59.86	MAR 01	62.32
JAN 10, 1964	42.51	JUL 05	52.96	15	59.15	16	60.04
FEB 14	42.30	AUG 07	53.48	DEC 01	58.85	APR 01	59.64
MAR 11	42.36	SEP 06	53.53	16	58.30	13	59.72
31	42.16	OCT 10	55.05	JAN 01, 1971	57.80	MAY 20	61.90
MAY 07	42.04	NOV 14	54.93	16	57.72	24	61.80
JUN 05	43.36	JAN 04, 1968	55.45	FEB 01	57.49	JUN 02	62.12
JUL 02	43.56	FEB 06	55.48	14	56.81	14	62.26
21	43.87	17	55.61	MAR 01	57.22	JUL 05	62.99
AUG 01	44.03	MAR 01	56.03	16	56.55	16	64.53
16	44.02	03	56.12	APR 01	56.81	AUG 02	67.21
SEP 01	44.15	APR 11	56.82	15	57.07	12	66.96
15	44.50	19	57.11	MAY 01	56.68	OCT 03	63.90
OCT 01	44.65	MAY 01	57.44	16	56.95	24	64.13
16	44.42	16	57.95	JUN 01	57.01	NOV 01	63.80
NOV 01	44.32	JUN 01	58.10	15	56.80	15	63.31
18	43.96	15	58.52	JUL 01	56.30	DEC 01	62.72
DEC 03	43.70	JUL 01	58.81	16	55.62	16	62.50
14	43.63	21	59.16	AUG 01	55.02	JAN 01, 1975	62.52
JAN 01, 1965	43.61	AUG 01	59.91	07	54.98	16	62.07
18	43.41	10	60.05	NOV 03	59.42	FEB 01	63.30
FEB 01	43.69	SEP 02	59.88	DEC 03	59.02	14	63.46
14	43.57	16	59.40	22	58.38	MAR 01	60.70
MAR 01	43.26	OCT 01	59.38	JAN 01, 1972	57.43	16	60.07
16	43.10	21	58.99	14	56.75	APR 01	59.99
APR 01	43.05	NOV 01	58.83	FEB 02	56.38	08	61.25
16	42.85	15	58.42	14	55.90	MAY 19	61.57
MAY 01	43.12	DEC 01	58.38	MAR 02	56.15	25	62.04
13	43.23	16	57.73	09	57.38	JUN 01	61.50
JUN 01	43.75	JAN 01, 1969	57.53	MAY 02	56.45	07	62.06
16	44.36	11	57.60	16	56.55	JUL 01	63.95
JUL 01	44.78	FEB 01	57.32	JUN 01	57.27	16	64.03
09	44.89	17	57.08	15	58.75	AUG 01	64.10
AUG 01	45.13	MAR 02	56.85	JUL 01	59.64	16	64.69
15	45.43	09	56.75	07	60.50	SEP 01	65.49
SEP 01	45.62	APR 03	57.16	AUG 02	62.55	15	65.50
15	46.08	11	57.23	19	63.60	OCT 01	64.47
OCT 01	46.70	MAY 01	57.40	SEP 21	63.55	16	64.38
16	46.89	16	58.70	OCT 26	63.74	NOV 01	64.70
NOV 01	47.14	JUN 01	59.04	28	63.69	15	64.35
14	47.00	18	59.70	NOV 01	63.94	DEC 01	65.07
DEC 02	46.96	JUL 01	59.98	15	62.92	16	65.05
13	46.92	05	59.97	DEC 01	62.77	JAN 01, 1976	65.30
JAN 04, 1966	47.23	SEP 02	59.09	09	62.68	16	65.05
17	47.11	16	59.21	JAN 01, 1973	61.28	FEB 01	65.55
FEB 01	47.00	OCT 01	59.31	07	61.17	15	65.92
16	47.27	16	59.27	FEB 26	59.48	MAR 01	65.57
MAR 01	47.07	NOV 01	58.94	MAR 21	59.55	16	65.39
02	47.21	15	58.35	APR 24	59.96	APR 01	63.72
APR 01	47.02	DEC 01	57.57	27	59.56	15	63.28
15	47.50	16	57.45	MAY 01	59.77	MAY 01	63.60
MAY 04	47.98	JAN 01, 1970	56.54	16	59.66	16	64.15
26	48.22	16	56.77	JUN 01	60.10	JUN 01	64.22
JUN 01	48.36	FEB 01	56.69	15	60.70	15	65.15

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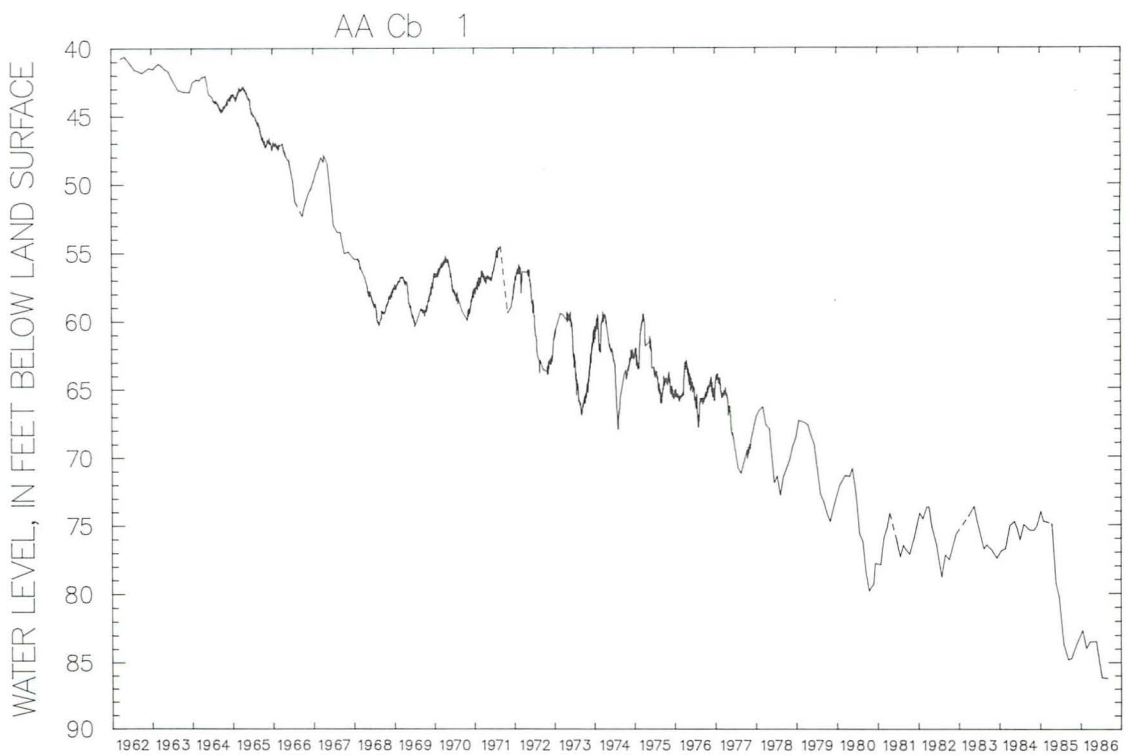
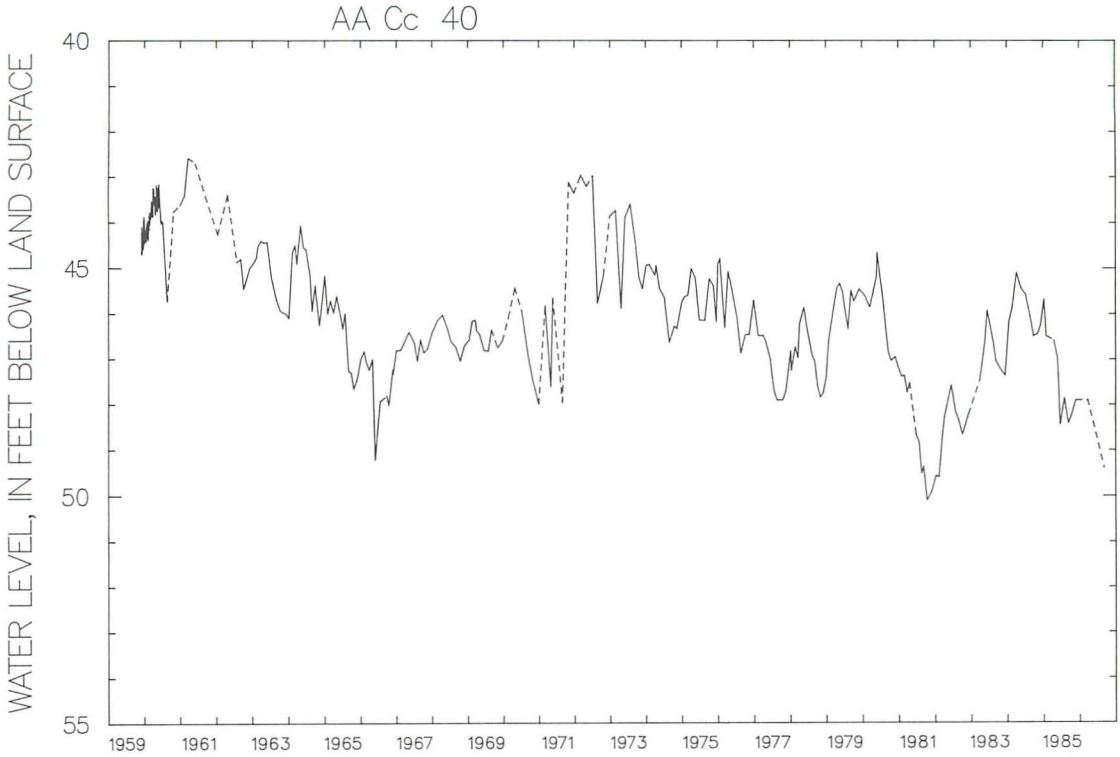
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 01, 1976	65.86	JAN 05, 1978	67.08	SEP 17, 1980	78.38	DEC 09, 1983	77.42
16	66.15	FEB 02	66.60	OCT 15	79.81	JAN 19, 1984	76.87
AUG 01	67.53	MAR 07	66.33	NOV 26	79.28	FEB 24	76.73
16	66.14	APR 04	67.65	DEC 11	77.80	APR 05	75.04
SEP 01	65.86	MAY 05	67.98	JAN 28, 1981	77.90	MAY 16	74.75
15	66.01	JUN 16	71.91	FEB 25	75.98	JUN 08	75.27
OCT 01	65.60	JUL 13	71.40	MAR 25	75.25	JUL 05	76.08
16	65.40	AUG 10	72.80	APR 20	74.14	AUG 07	74.97
NOV 01	64.84	SEP 06	71.47	JUN 24	76.24	SEP 25	75.38
16	64.84	OCT 05	70.86	JUL 24	77.32	NOV 06	75.41
DEC 01	65.16	NOV 02	70.22	AUG 20	76.49	DEC 04	75.08
16	65.55	30	69.22	SEP 08	76.76	JAN 07, 1985	74.02
JAN 01, 1977	64.98	DEC 28	68.61	OCT 14	77.13	30	74.72
16	64.10	JAN 25, 1979	67.35	NOV 25	75.95	APR 17	74.95
FEB 01	64.39	MAR 19	67.52	JAN 12, 1982	74.14	MAY 23	79.24
14	64.37	APR 17	67.68	FEB 11	74.55	JUN 21	80.24
MAR 01	65.48	MAY 14	68.41	MAR 17	73.72	AUG 01	83.65
16	65.37	JUN 12	69.07	APR 06	73.67	SEP 12	84.79
APR 01	65.30	AUG 06	72.72	MAY 03	75.13	OCT 10	84.68
15	65.55	SEP 06	73.33	JUN 14	76.46	NOV 25	83.65
MAY 01	66.95	OCT 04	74.18	JUL 30	78.81	JAN 17, 1986	82.65
16	66.70	NOV 01	74.75	AUG 31	77.19	30	83.08
JUN 01	68.24	29	73.82	OCT 06	77.54	FEB 21	83.95
05	68.31	JAN 25, 1980	72.09	DEC 07	75.68	MAR 26	83.48
JUL 25	70.79	MAR 14	71.38	MAR 29, 1983	74.36	MAY 21	83.44
AUG 22	71.22	APR 24	71.45	MAY 18	73.65	JUL 11	86.14
OCT 17	69.46	MAY 20	70.85	JUN 14	74.70	OCT 07	86.22
24	69.89	JUN 19	72.63	AUG 15	76.75		
NOV 01	69.71	JUL 23	75.65	SEP 08	76.46		
09	69.18	AUG 21	76.22	OCT 28	76.87		



WELL NUMBER.--AA Cc 40 SITE ID.--390423076432001 PERMIT NUMBER.--AA-03-5693
LOCATION.--Lat 39°04'23", long 76°43'20", Hydrologic Unit 02060006, on Rifle Range Rd., Fort George G. Meade. Owner: U.S. Army.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 238 ft; casing diameter 6 in. with depth to 208 ft; screened from 208 to 238 ft.
DATUM.--Altitude of land-surface datum is 137 ft. Measuring point: Top of recorder platform, 1.0 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder Dec. 4, 1959 to July 21, 1960 and Jan. 12, 1978 to current year.
PERIOD OF RECORD.--December 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.58 ft below land-surface datum, March 25, 1961; lowest measured, 50.09 ft below land-surface datum, Oct. 15, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 04, 1959	44.65	FEB 08, 1966	46.83	JAN 03, 1974	44.94	MAR 14, 1980	45.85
17	44.54	MAR 02	47.06	FEB 04	44.92	APR 24	45.45
JAN 01, 1960	44.35	APR 01	47.24	APR 04	45.16	MAY 20	45.18
18	44.22	MAY 04	47.00	16	44.94	26	44.65
FEB 01	44.05	JUN 02	49.22	MAY 20	45.44	JUN 19	45.10
15	44.08	JUL 22	47.93	JUL 08	45.64	JUL 23	45.63
MAR 01	43.93	SEP 27	47.81	AUG 27	46.63	AUG 21	46.30
18	43.69	OCT 18	48.01	OCT 17	46.27	SEP 17	46.83
APR 01	43.81	NOV 26	47.23	NOV 12	46.33	OCT 15	47.03
18	43.43	30	47.33	DEC 31	45.75	NOV 26	46.94
MAY 01	43.73	JAN 03, 1967	46.81	JAN 29, 1975	45.62	DEC 11	47.07
16	43.35	FEB 16	46.80	MAR 04	45.59	JAN 28, 1981	47.38
JUN 01	43.16	APR 04	46.58	APR 07	45.01	FEB 25	47.36
22	44.00	MAY 12	46.40	MAY 19	45.23	MAR 25	47.73
JUL 11	44.00	JUL 05	46.64	JUN 27	46.14	APR 20	47.52
21	44.47	AUG 07	47.05	AUG 20	46.15	JUN 24	48.65
AUG 25	45.73	SEP 06	46.56	OCT 06	45.23	JUL 24	48.83
OCT 28	43.77	OCT 10	46.86	NOV 17	45.38	AUG 20	49.51
JAN 05, 1961	43.62	NOV 14	46.78	DEC 16	46.18	SEP 08	49.36
FEB 18	43.41	JAN 04, 1968	46.41	31	44.91	OCT 14	50.09
MAR 25	42.58	FEB 26	46.15	JAN 22, 1976	44.79	NOV 25	49.92
JUN 07	42.71	APR 19	46.02	MAR 10	46.31	JAN 12, 1982	49.56
JAN 20, 1962	44.27	JUN 05	46.31	APR 13	45.07	FEB 11	49.59
MAY 01	43.40	JUL 15	46.61	MAY 20	45.45	MAR 17	48.67
AUG 02	44.87	SEP 02	46.74	JUL 12	46.08	APR 06	48.28
SEP 10	44.80	OCT 16	47.04	AUG 20	46.87	MAY 03	48.00
OCT 10	45.46	NOV 26	46.71	OCT 04	46.46	JUN 14	47.57
DEC 11	45.00	JAN 16, 1969	46.57	NOV 12	46.46	JUL 30	48.16
JAN 14, 1963	44.90	FEB 17	46.16	DEC 27	45.69	AUG 31	48.36
FEB 14	44.78	MAR 21	46.14	FEB 11, 1977	46.48	OCT 06	48.66
MAR 06	44.52	APR 02	46.37	APR 04	46.48	DEC 07	48.21
APR 03	44.41	MAY 05	46.46	MAY 02	46.63	MAR 29, 1983	47.46
MAY 01	44.45	JUN 18	46.81	JUN 13	47.00	MAY 18	46.63
JUN 04	44.43	JUL 30	46.82	30	47.36	JUN 14	45.92
JUL 17	45.20	SEP 02	46.35	JUL 25	47.72	AUG 15	46.64
SEP 04	45.67	NOV 04	46.75	AUG 22	47.90	SEP 08	47.03
OCT 14	45.93	DEC 23	46.59	OCT 17	47.90	OCT 28	47.23
DEC 14	46.01	FEB 24, 1970	46.07	NOV 17	47.70	DEC 09	47.36
JAN 10, 1964	46.10	APR 30	45.43	JAN 05, 1978	46.81	JAN 19, 1984	46.16
FEB 14	44.66	JUL 10	45.94	12	47.25	FEB 22	45.85
MAR 11	44.50	SEP 10	46.88	FEB 20	46.73	APR 05	45.09
31	44.91	OCT 29	47.45	MAR 20	46.97	MAY 16	45.40
MAY 07	44.07	DEC 30	47.99	APR 04	46.22	JUN 07	45.49
JUN 05	44.55	MAR 07, 1971	45.82	MAY 18	45.86	JUL 05	45.57
JUL 02	44.60	MAY 04	47.61	JUN 14	46.25	AUG 07	45.90
AUG 11	45.17	25	45.64	JUL 13	46.58	SEP 25	46.49
SEP 02	45.94	AUG 31	47.96	AUG 10	46.92	NOV 06	46.42
OCT 02	45.38	NOV 03	43.12	SEP 06	47.05	DEC 04	46.24
NOV 13	46.25	DEC 27	43.36	OCT 05	47.60	JAN 07, 1985	45.67
DEC 03	45.89	MAR 06, 1972	42.96	NOV 02	47.84	30	46.48
JAN 08, 1965	45.17	MAY 02	43.21	30	47.74	APR 17	46.58
FEB 05	46.00	JUL 06	42.97	DEC 28	47.42	MAY 23	46.97
MAR 05	45.71	AUG 25	45.77	JAN 25, 1979	46.57	JUN 21	48.44
APR 07	45.98	OCT 26	45.15	MAR 19	45.79	AUG 01	47.85
MAY 07	45.61	DEC 28	43.86	APR 17	45.43	SEP 12	48.41
JUN 04	45.90	FEB 26, 1973	43.73	MAY 14	45.33	OCT 10	48.25
JUL 08	46.33	MAR 21	44.58	JUN 12	45.50	NOV 25	47.90
AUG 01	45.99	APR 24	45.88	AUG 06	46.33	MAR 26, 1986	47.89
SEP 03	47.25	JUN 01	43.89	SEP 06	45.48	SEP 08	49.39
OCT 01	47.31	JUL 26	43.59	OCT 04	45.72		
27	47.66	SEP 17	44.45	NOV 01	45.59		
DEC 02	47.42	OCT 23	45.20	29	45.45		
JAN 04, 1966	47.00	NOV 27	45.45	JAN 25, 1980	45.60		


AA Cc 40
WATER LEVEL, IN FEET BELOW LAND SURFACE
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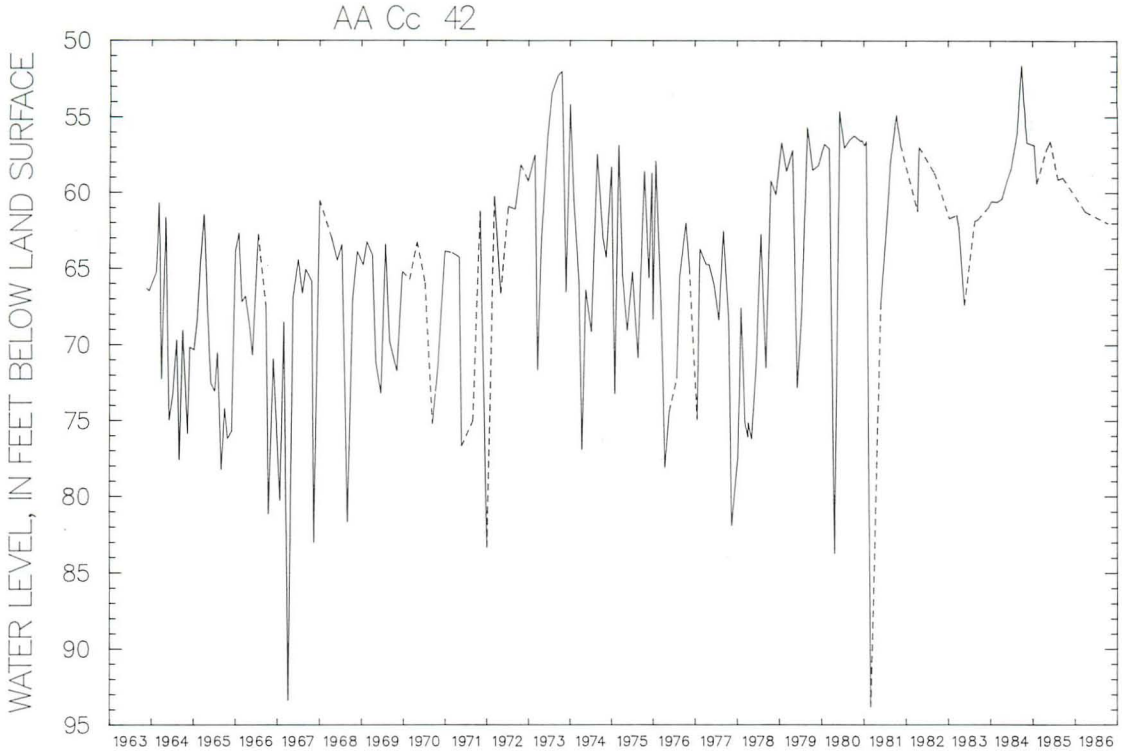
WELL NUMBER.--AA Cc 42 SITE ID.--390423076414501 PERMIT NUMBER.--AA-01-7068
LOCATION.--Lat 39°04'23", long 76°41'45", Hydrologic Unit 02060006, at water treatment plant, Kings Heights.
Owner: Anne Arundel County Department of Public Works.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 163 ft; casing diameter 10 in. with depth to 148 ft; screen diameter 10 in. from 148 to 163 ft.
DATUM.--Altitude of land-surface datum is 180 ft. Measuring point: Top of coupling, at land-surface datum.
PERIOD OF RECORD.--November 1963 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.62 ft. below land-surface datum, Sept. 27, 1984; lowest measured, 93.86 ft below land-surface datum, March 2, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 22, 1963	66.32	JUL 15, 1968	63.41	DEC 31, 1974	58.27	JAN 02, 1980	57.32
DEC 14	66.48	SEP 02	81.71	JAN 29, 1975	73.26	25	56.78
JAN 10, 1964	65.95	OCT 16	67.03	MAR 04	56.83	MAR 06	57.08
FEB 14	65.26	NOV 26	63.88	APR 07	65.45	APR 23	83.75
MAR 11	60.66	JAN 16, 1969	64.77	MAY 19	69.06	JUN 05	54.60
31	72.27	FEB 17	63.25	JUL 03	65.19	JUL 14	57.04
MAY 07	61.63	APR 07	64.14	AUG 21	70.88	AUG 26	56.51
JUN 05	74.98	MAY 05	71.15	OCT 15	58.55	OCT 08	56.23
JUL 07	73.32	JUN 18	73.20	NOV 24	65.64	DEC 03	56.59
AUG 11	69.68	JUL 29	63.38	DEC 19	58.68	12	56.54
SEP 02	77.62	SEP 03	69.78	31	68.36	JAN 05, 1981	56.89
OCT 02	69.05	NOV 04	71.73	JAN 22, 1976	57.89	19	56.59
NOV 13	75.88	DEC 23	65.19	MAR 10	67.44	MAR 02	93.86
DEC 03	70.15	FEB 24, 1970	65.72	APR 13	78.10	MAY 26	67.29
JAN 09, 1965	70.33	APR 30	63.25	MAY 20	74.37	JUL 13	62.34
FEB 05	68.35	JUL 09	65.97	JUL 22	72.21	AUG 17	57.95
MAR 05	64.59	SEP 10	75.21	AUG 20	65.52	OCT 09	54.85
APR 07	61.46	OCT 29	71.37	OCT 12	61.99	NOV 12	56.86
MAY 07	67.73	DEC 30	63.86	NOV 12	64.99	APR 06, 1982	61.20
JUN 04	72.53	MAR 05, 1971	63.97	JAN 17, 1977	74.93	21	56.98
JUL 08	73.06	MAY 04	64.26	FEB 11	63.71	AUG 31	58.70
AUG 01	70.51	24	76.69	APR 04	64.70	JAN 06, 1983	61.68
SEP 03	78.27	AUG 31	75.02	MAY 02	64.76	MAR 11	61.48
OCT 01	74.18	NOV 03	61.22	JUN 13	66.02	30	62.30
27	76.20	JAN 03, 1972	83.33	JUL 25	68.38	MAY 18	67.40
DEC 02	75.70	MAR 07	60.29	SEP 02	62.51	AUG 15	61.85
JAN 04, 1966	63.88	MAY 02	66.64	OCT 17	68.16	SEP 07	61.77
FEB 03	62.67	JUL 07	60.92	NOV 14	81.93	DEC 07	60.98
MAR 02	67.20	SEP 05	61.09	JAN 05, 1978	77.48	JAN 06, 1984	60.55
APR 01	66.82	OCT 25	58.13	FEB 02	67.54	FEB 24	60.60
MAY 04	68.56	DEC 28	59.24	MAR 07	75.06	APR 05	60.40
JUN 02	70.71	FEB 26, 1973	57.49	APR 03	76.10	MAY 16	59.24
JUL 21	62.74	MAR 21	71.69	04	75.10	JUN 22	58.43
SEP 27	67.57	APR 24	63.10	MAY 05	76.21	AUG 14	56.05
OCT 18	81.18	JUN 19	56.24	JUN 14	71.01	SEP 27	51.62
NOV 30	70.90	JUL 26	53.44	JUL 24	62.70	NOV 06	56.69
JAN 26, 1967	80.27	SEP 17	52.31	SEP 05	71.54	JAN 07, 1985	56.86
MAR 01	68.48	OCT 23	52.01	OCT 17	59.19	30	59.40
APR 07	93.39	NOV 27	66.59	NOV 29	60.12	APR 23	57.14
MAY 19	66.93	JAN 03, 1974	54.14	JAN 18, 1979	56.68	MAY 27	56.59
JUL 05	64.42	FEB 04	60.51	MAR 02	58.57	AUG 01	59.13
AUG 07	66.65	MAR 20	65.77	APR 23	57.20	SEP 12	59.00
SEP 06	65.04	APR 16	76.94	JUN 04	72.83	MAR 26, 1986	61.23
OCT 28	65.85	MAY 20	66.38	JUL 12	68.04	OCT 07	62.00
NOV 14	83.06	JUL 08	69.15	AUG 30	55.66		
JAN 04, 1968	60.50	AUG 28	57.43	OCT 15	58.51		
APR 19	63.06	OCT 17	62.99	DEC 03	58.18		
JUN 05	64.47	NOV 14	64.29	27	57.53		


AA Cc 42
WATER LEVEL, IN FEET BELOW LAND SURFACE
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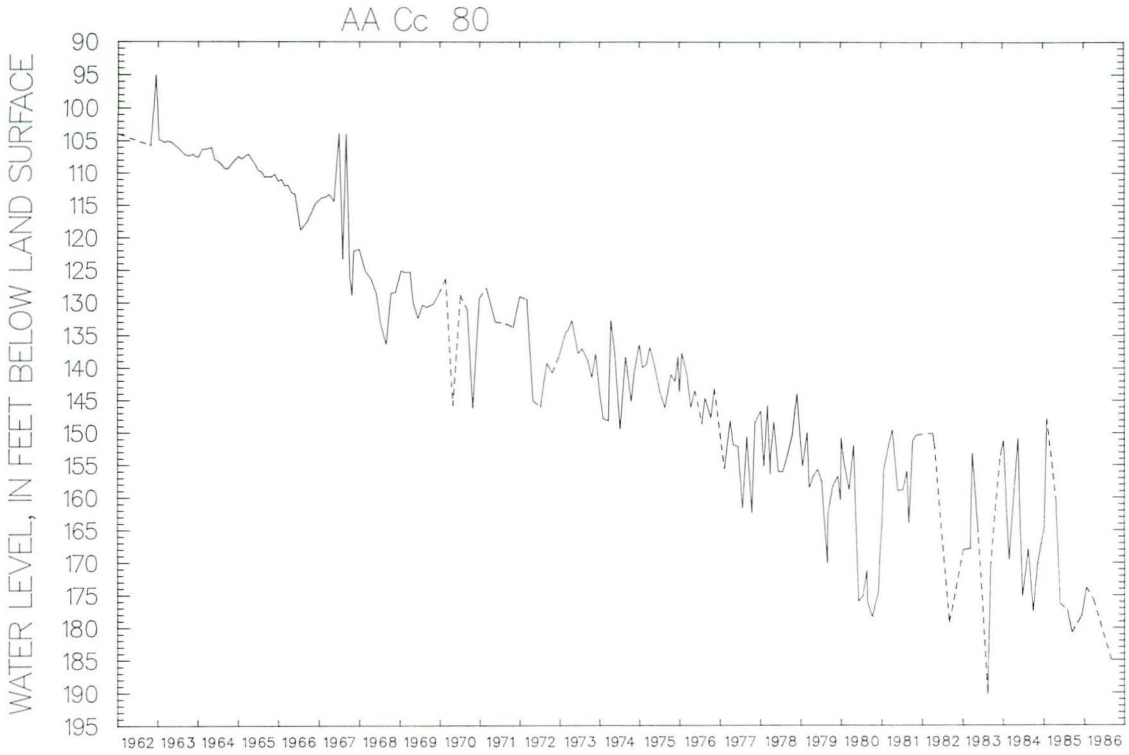
1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--AA Cc 80 SITE ID.--390422076414503 PERMIT NUMBER.--AA-04-6965
LOCATION.--Lat 39°04'22", long 76°41'45", Hydrologic Unit 02060006, at water treatment plant, Kings Heights. Owner: Anne Arundel County Department of Public Works.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 873 ft; casing diameter 1 in. with depth to 870 ft; screen diameter 1.25 in. from 870 to 873 ft.
DATUM.--Altitude of land-surface datum is 177.77 ft. Measuring Point: Top of coupling, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--January 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 95.04 ft below land-surface datum, Dec. 11, 1962; lowest measured, 190.20 ft below land-surface datum, Aug. 15, 1983.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16, 1962	103.99	JUL 05, 1967	103.85	MAY 20, 1974	137.67	DEC 27, 1979	160.49
OCT 24	105.72	AUG 07	123.44	JUL 08	149.44	JAN 02, 1980	150.67
30	105.77	SEP 06	103.94	AUG 28	138.27	25	154.42
DEC 11	95.04	OCT 10	125.98	OCT 17	145.18	MAR 06	158.06
JAN 14, 1963	104.83	28	128.91	NOV 14	140.65	14	158.90
FEB 18	105.12	NOV 14	122.06	DEC 31	136.39	APR 23	151.87
MAR 04	105.26	JAN 04, 1968	121.79	JAN 29, 1975	139.94	JUN 05	175.93
APR 03	105.10	FEB 26	125.17	MAR 04	139.49	JUL 14	175.19
MAY 02	105.17	APR 19	126.37	APR 07	136.84	AUG 20	171.17
JUN 04	105.65	JUN 05	128.59	MAY 19	139.65	26	176.09
JUL 17	106.27	JUL 15	133.38	JUL 03	143.51	OCT 08	178.34
SEP 04	107.14	SEP 02	136.41	AUG 21	146.12	DEC 03	174.35
OCT 14	107.40	OCT 16	128.55	OCT 15	140.97	12	169.79
NOV 22	107.14	NOV 26	128.39	NOV 24	142.06	JAN 05, 1981	163.72
DEC 14	107.50	JAN 16, 1969	125.11	DEC 19	138.21	19	155.74
JAN 10, 1964	107.56	FEB 17	125.34	31	143.78	MAR 02	152.26
FEB 14	106.29	APR 07	125.31	JAN 22, 1976	137.71	APR 09	149.45
MAR 11	106.34	MAY 05	130.03	MAR 10	141.05	MAY 26	158.99
31	106.24	JUN 18	132.45	APR 13	146.07	JUL 13	158.82
MAY 07	106.07	JUL 29	130.33	MAY 20	143.44	AUG 17	155.91
JUN 05	107.96	SEP 03	130.75	JUL 22	148.56	SEP 03	164.02
JUL 07	108.23	NOV 04	130.19	AUG 20	144.63	OCT 09	151.20
AUG 11	108.81	DEC 23	128.72	OCT 12	147.70	NOV 12	150.31
SEP 02	109.31	FEB 24, 1970	126.32	NOV 12	143.15	APR 06, 1982	150.05
OCT 02	109.40	APR 30	145.88	FEB 11, 1977	155.61	21	151.73
NOV 13	108.44	JUL 09	128.87	APR 04	148.09	AUG 31	179.15
DEC 03	108.04	SEP 10	131.10	MAY 02	151.85	JAN 06, 1983	168.00
JAN 09, 1965	107.45	OCT 29	146.25	JUN 13	152.13	MAR 11	167.85
FEB 05	107.86	DEC 30	129.30	JUL 25	161.77	30	153.05
MAR 05	107.45	MAR 05, 1971	127.76	SEP 02	150.58	MAY 18	164.50
APR 07	107.05	MAY 04	131.67	OCT 17	162.45	AUG 15	190.20
MAY 07	107.93	24	132.94	NOV 14	148.44	SEP 07	170.75
JUN 04	108.56	AUG 31	133.28	JAN 05, 1978	146.58	DEC 07	153.52
JUL 08	109.68	NOV 03	133.77	FEB 02	155.29	JAN 06, 1984	151.16
AUG 01	109.81	JAN 03, 1972	129.06	MAR 07	145.69	FEB 24	169.62
SEP 03	110.67	MAR 07	129.48	APR 03	156.57	APR 05	160.30
OCT 01	110.60	MAY 02	145.09	04	153.82	MAY 16	150.73
27	110.66	JUL 07	145.98	MAY 05	148.26	JUN 22	175.18
DEC 02	110.22	SEP 05	139.26	JUN 14	156.01	AUG 14	167.84
JAN 04, 1966	111.30	OCT 25	140.77	JUL 24	156.10	SEP 27	177.50
FEB 03	111.02	DEC 28	138.07	SEP 05	153.41	NOV 06	170.09
MAR 02	112.03	FEB 26, 1973	134.53	OCT 17	150.31	JAN 07, 1985	164.55
APR 01	111.91	MAR 21	134.18	NOV 29	143.94	30	147.68
MAY 04	113.09	APR 24	132.69	JAN 18, 1979	155.23	APR 23	160.59
JUN 02	113.29	JUN 19	137.83	MAR 02	149.86	MAY 27	176.30
JUL 21	118.80	JUL 26	137.05	20	158.56	AUG 01	177.28
SEP 20	117.54	SEP 17	138.91	APR 23	156.80	SEP 12	180.74
OCT 18	116.45	OCT 23	141.47	JUN 04	155.70	DEC 05	178.23
NOV 30	114.79	NOV 27	137.77	JUL 12	157.60	JAN 21, 1986	173.80
JAN 26, 1967	113.86	JAN 03, 1974	143.89	AUG 30	170.17	MAR 26	175.78
MAR 01	113.73	FEB 04	147.83	SEP 04	162.83	SEP 04	185.02
APR 07	113.32	MAR 22	148.14	OCT 15	158.39		
MAY 19	114.43	APR 16	132.66	DEC 03	156.71		


AA Cc 80
WATER LEVEL, IN FEET BELOW LAND SURFACE
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WELL NUMBER.--AA Cc 81 SITE ID.--390422076414504 PERMIT NUMBER.--AA-04-6965

LOCATION.--Lat 39°04'22", long 76°41'45", Hydrologic Unit 02060006, at water treatment plant, Kings Heights. Owner: Anne Arundel County Department of Public Works.

AQUIFER.--Patuxent Formation.

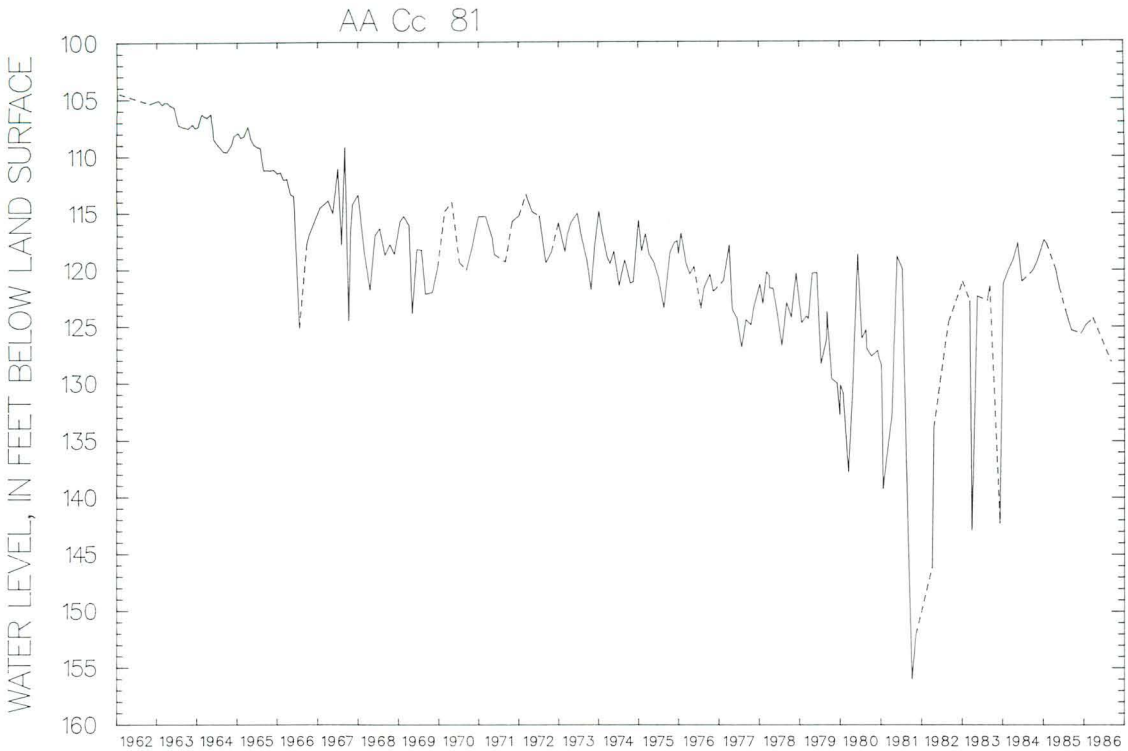
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 723 ft; casing diameter 1 in. with depth to 720 ft; screen diameter 1.25 in. from 720 to 723 ft.

DATUM.--Altitude of land-surface datum is 177.77 ft. Measuring Point: Top of coupling, 0.7 ft above land-surface datum.

PERIOD OF RECORD.--January 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 104.50 ft below land-surface datum, Jan. 20, 1962; lowest measured, 156.10 ft below land-surface datum, Oct. 9, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 20, 1962	104.50	JUL 05, 1967	111.10	MAY 20, 1974	118.33	DEC 27, 1979	132.79
OCT 24	105.36	AUG 07	117.84	JUL 08	121.43	JAN 02, 1980	130.14
30	105.34	SEP 06	109.13	AUG 28	119.10	25	130.82
DEC 11	105.19	OCT 10	124.55	OCT 17	121.19	MAR 06	136.49
JAN 14, 1963	105.08	28	116.46	NOV 14	121.05	14	137.80
FEB 18	105.48	NOV 14	114.22	DEC 31	115.60	APR 23	129.99
MAR 04	105.27	JAN 04, 1968	113.36	JAN 29, 1975	118.32	JUN 05	118.61
APR 03	105.24	FEB 26	118.29	MAR 04	116.80	JUL 14	126.09
MAY 02	105.53	APR 19	121.83	APR 07	118.62	AUG 20	125.28
JUN 04	105.68	JUN 05	116.96	MAY 19	119.32	26	126.96
JUL 17	107.23	JUL 15	116.33	JUL 03	120.79	OCT 08	127.63
SEP 04	107.42	SEP 02	118.70	AUG 21	123.41	DEC 03	127.13
OCT 14	107.50	OCT 16	117.73	OCT 15	118.43	12	127.67
NOV 22	107.15	NOV 26	118.61	NOV 24	117.59	JAN 05, 1981	128.41
DEC 14	107.48	JAN 16, 1969	115.72	DEC 19	117.42	19	139.30
JAN 10, 1964	107.39	FEB 17	115.24	31	118.60	MAR 02	135.77
FEB 14	106.29	APR 07	116.09	JAN 22, 1976	116.74	APR 09	132.82
MAR 11	106.50	MAY 05	123.88	MAR 10	119.44	MAY 26	118.80
31	106.59	JUN 18	118.16	APR 13	120.38	JUL 13	119.94
MAY 07	106.28	JUL 29	118.22	MAY 20	119.69	AUG 17	136.75
JUN 05	108.50	SEP 03	122.15	JUL 22	123.40	SEP 03	143.47
JUL 07	108.92	NOV 04	121.97	AUG 20	121.60	OCT 09	156.10
AUG 11	109.31	DEC 23	119.75	OCT 12	120.38	NOV 12	152.05
SEP 02	109.55	FEB 24, 1970	114.82	NOV 12	121.94	APR 06, 1982	146.18
OCT 02	109.61	APR 30	114.03	FEB 11, 1977	120.96	21	133.85
NOV 13	108.94	JUL 09	119.34	APR 04	117.80	AUG 31	124.65
DEC 03	108.18	SEP 10	119.99	MAY 02	123.55	JAN 06, 1983	121.07
JAN 09, 1965	107.90	OCT 29	118.10	JUN 13	124.30	MAR 11	122.80
FEB 05	108.33	DEC 30	115.29	JUL 25	126.86	30	142.95
MAR 05	108.20	MAR 05, 1971	115.28	SEP 02	124.41	MAY 18	122.35
APR 07	107.33	MAY 04	117.19	OCT 17	124.87	AUG 15	122.75
MAY 07	108.44	24	118.63	NOV 14	123.26	SEP 07	121.42
JUN 04	108.95	AUG 31	119.29	JAN 05, 1978	121.28	DEC 07	142.28
JUL 08	109.17	NOV 03	115.70	FEB 02	123.02	JAN 06, 1984	121.25
AUG 01	109.24	JAN 03, 1972	115.21	MAR 07	120.18	FEB 24	119.98
SEP 03	111.25	MAR 07	113.33	APR 03	120.58	APR 05	119.08
OCT 01	111.19	MAY 02	114.86	04	121.63	MAY 16	117.61
27	111.24	JUL 07	115.27	MAY 05	121.68	JUN 22	121.06
DEC 02	111.16	SEP 05	119.37	JUN 14	124.02	SEP 27	120.10
JAN 04, 1966	111.49	OCT 25	118.40	JUL 24	126.71	NOV 06	119.28
FEB 03	111.41	DEC 28	115.88	SEP 05	122.89	JAN 07, 1985	117.37
MAR 02	112.08	FEB 26, 1973	118.40	OCT 17	124.22	30	117.70
APR 01	111.99	MAR 21	116.86	NOV 29	120.31	APR 23	120.00
MAY 04	113.32	APR 24	115.78	JAN 18, 1979	124.70	MAY 27	121.59
JUN 02	113.50	JUN 19	115.00	MAR 02	124.09	AUG 01	124.01
JUL 21	125.17	JUL 26	116.95	20	124.34	SEP 12	125.33
SEP 27	117.74	SEP 17	119.20	APR 23	120.30	DEC 05	125.63
OCT 18	116.92	OCT 23	121.78	JUN 04	120.28	JAN 21, 1986	124.86
NOV 30	115.85	NOV 27	117.81	JUL 12	128.30	MAR 26	124.30
JAN 26, 1967	114.50	JAN 03, 1974	114.81	AUG 30	126.14	SEP 04	128.09
MAR 01	114.22	FEB 04	116.77	SEP 04	123.70		
APR 07	113.88	MAR 22	118.90	OCT 15	129.60		
MAY 19	115.04	APR 16	119.45	DEC 03	129.98		


AA Cc 81
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--AA Cc 82 SITE ID.--390422076414505 PERMIT NUMBER.--AA-04-6965

LOCATION.--Lat 39°04'22", long 76°41'45", Hydrologic Unit 02060006, at water treatment plant, Kings Heights. Owner: Anne Arundel County Department of Public Works.

AQUIFER.--Patapsco Formation.

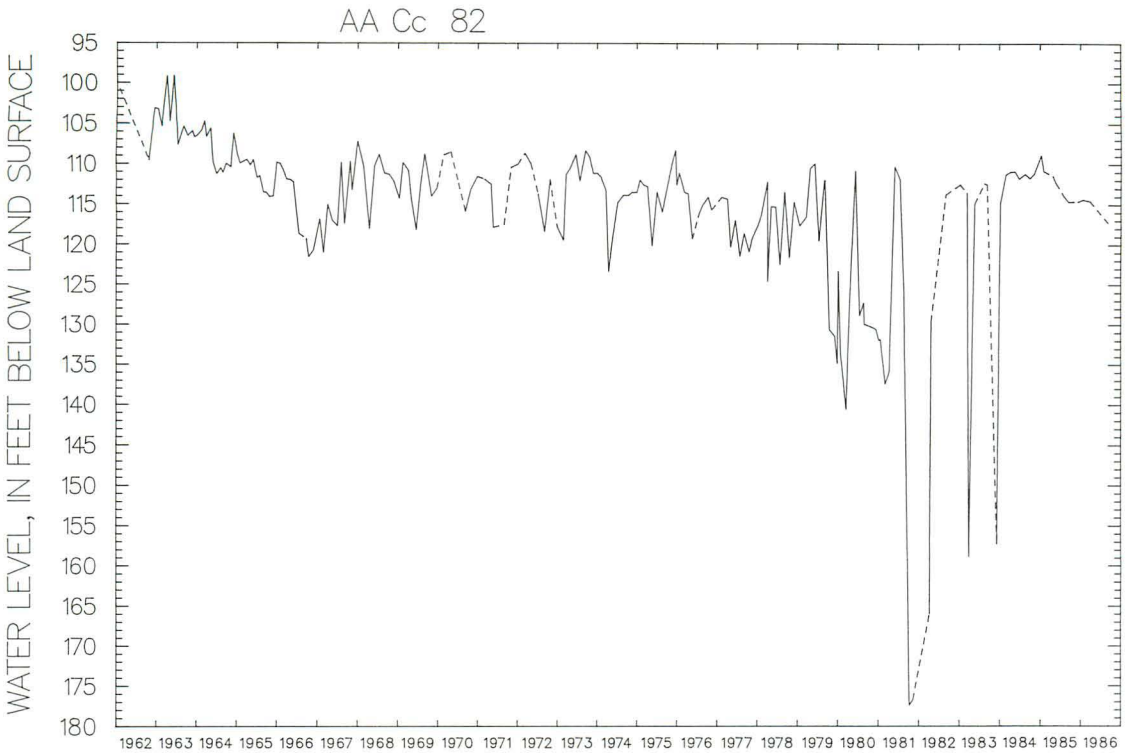
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 458 ft; casing diameter 1 in. with depth to 455 ft; screen diameter 1.25 in. from 455 to 458 ft.

DATUM.--Altitude of land-surface datum is 177.77 ft. Measuring point: Top of coupling, 0.5 ft above land-surface datum.

PERIOD OF RECORD.--January 1962 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 99.08 ft below land-surface datum, June 4, 1963; lowest measured, 177.45 ft below land-surface datum, Oct. 9, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 25, 1962	100.80	AUG 07, 1967	109.80	AUG 28, 1974	113.87	JAN 25, 1980	133.53
OCT 30	109.53	SEP 06	117.48	OCT 17	113.88	MAR 06	139.35
DEC 11	103.12	OCT 28	109.68	NOV 14	113.51	14	140.57
JAN 14, 1963	103.25	NOV 14	113.28	DEC 31	113.50	APR 23	124.09
FEB 18	105.37	JAN 04, 1968	107.20	JAN 29, 1975	111.97	JUN 05	110.75
MAR 04	102.88	FEB 26	110.31	MAR 04	112.61	JUL 14	128.84
APR 03	99.14	APR 19	118.11	APR 07	112.79	AUG 20	127.20
MAY 02	104.76	JUN 05	110.24	MAY 19	120.16	26	129.91
JUN 04	99.08	JUL 15	108.82	JUL 03	113.43	OCT 08	130.15
JUL 17	107.66	SEP 02	111.17	AUG 21	115.96	DEC 03	130.48
SEP 04	105.36	OCT 16	111.33	OCT 15	112.18	12	130.63
OCT 14	106.53	NOV 26	112.19	NOV 24	109.51	JAN 05, 1981	131.89
NOV 22	105.93	JAN 16, 1969	114.29	DEC 19	108.29	19	131.81
DEC 14	106.71	FEB 17	109.82	31	112.61	MAR 02	137.39
JAN 10, 1964	106.48	APR 07	110.84	JAN 22, 1976	111.11	APR 09	135.86
FEB 14	105.84	MAY 05	114.37	MAR 10	113.47	MAY 26	110.26
MAR 11	104.73	JUN 18	118.22	APR 13	113.68	JUL 13	111.85
31	106.68	JUL 29	112.36	MAY 20	119.28	AUG 17	125.28
MAY 07	105.57	SEP 03	108.77	JUL 22	116.07	SEP 03	141.58
JUN 05	109.89	NOV 04	114.03	AUG 20	115.13	OCT 09	177.45
JUL 07	111.29	DEC 23	113.02	OCT 12	114.09	NOV 12	176.67
AUG 11	110.52	FEB 24, 1970	108.87	NOV 12	115.68	APR 06, 1982	165.95
SEP 02	111.12	APR 30	108.52	FEB 11, 1977	114.08	21	129.53
OCT 02	109.97	JUL 09	112.41	APR 04	114.30	AUG 31	113.70
NOV 13	110.43	SEP 10	115.86	MAY 02	120.29	JAN 06, 1983	112.50
DEC 03	106.20	OCT 29	113.15	JUN 13	116.95	MAR 11	113.50
JAN 09, 1965	108.76	DEC 30	111.55	JUL 25	121.43	30	158.90
FEB 05	109.97	MAR 05, 1971	111.91	SEP 02	118.57	MAY 18	114.82
MAR 05	109.71	MAY 04	112.54	OCT 17	120.88	AUG 15	112.35
APR 07	109.47	24	117.89	NOV 14	119.18	SEP 07	112.45
MAY 07	110.18	AUG 31	117.51	JAN 05, 1978	117.60	DEC 07	157.22
JUN 04	109.51	NOV 03	110.39	FEB 02	116.44	JAN 06, 1984	114.78
JUL 08	111.75	JAN 03, 1972	110.03	MAR 07	114.07	FEB 24	111.25
AUG 01	111.54	MAR 07	108.67	APR 03	112.12	APR 05	110.92
SEP 03	113.51	MAY 02	110.00	04	124.63	MAY 16	110.87
OCT 01	113.58	JUL 07	113.76	MAY 05	115.23	JUN 22	111.78
27	114.09	SEP 05	118.42	JUN 14	115.26	AUG 14	111.18
DEC 02	114.04	OCT 25	111.89	JUL 24	122.51	SEP 27	111.72
JAN 04, 1966	109.79	DEC 28	117.78	SEP 05	113.38	NOV 06	111.15
FEB 03	109.99	FEB 26, 1973	119.48	OCT 17	121.61	JAN 07, 1985	108.86
MAR 02	110.76	MAR 21	111.27	NOV 29	114.63	30	110.86
APR 01	111.90	APR 24	110.60	JAN 18, 1979	117.63	APR 23	111.46
MAY 04	111.98	JUN 19	108.82	MAR 02	116.85	MAY 21	112.33
JUN 02	112.26	JUL 26	112.11	20	116.47	AUG 01	113.91
JUL 21	118.64	SEP 17	108.33	APR 23	110.48	SEP 12	114.63
SEP 27	119.34	OCT 23	109.15	JUN 04	109.90	DEC 05	114.60
OCT 18	121.59	NOV 27	111.20	JUL 12	119.50	JAN 21, 1986	114.35
NOV 30	120.68	JAN 03, 1974	111.15	AUG 30	112.01	MAR 26	114.55
JAN 26, 1967	116.85	FEB 04	111.60	SEP 04	111.95	SEP 04	117.22
MAR 01	121.05	MAR 22	113.26	OCT 15	130.59		
APR 07	115.03	APR 16	123.41	DEC 03	131.41		
MAY 19	117.03	MAY 20	119.37	27	134.85		
JUL 05	117.72	JUL 08	114.78	JAN 02, 1980	123.24		


AA Cc 82
WATER LEVEL, IN FEET BELOW LAND SURFACE
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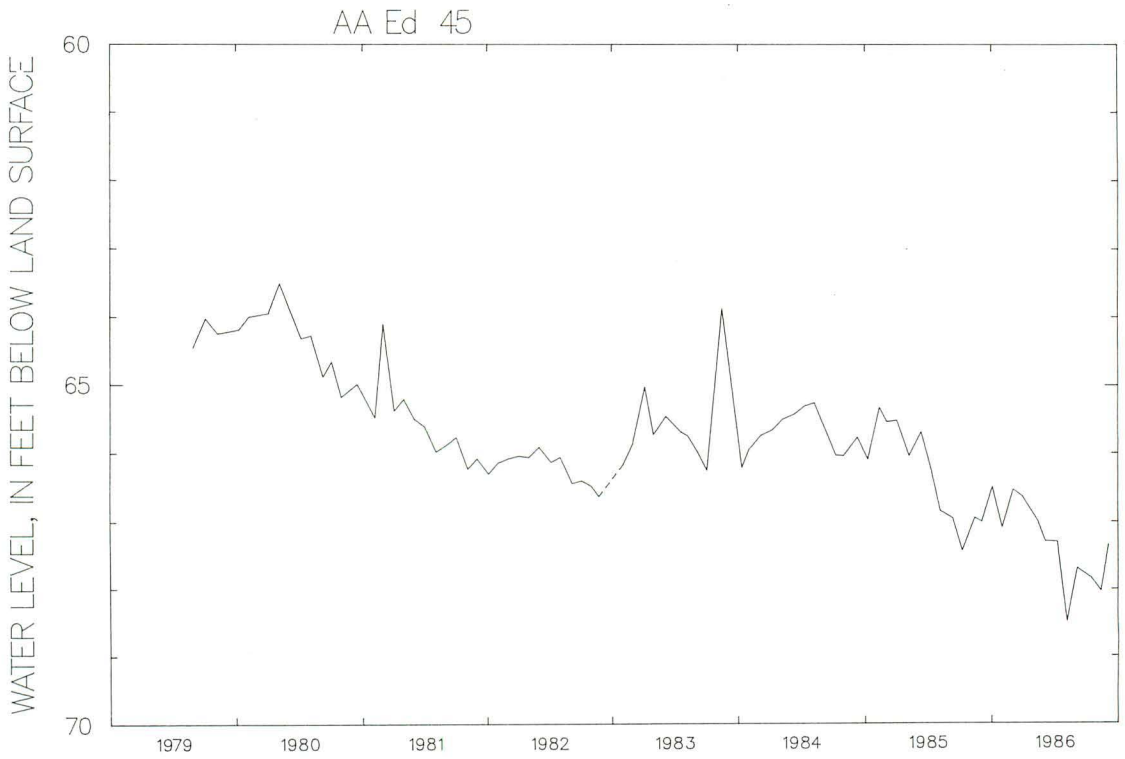
1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

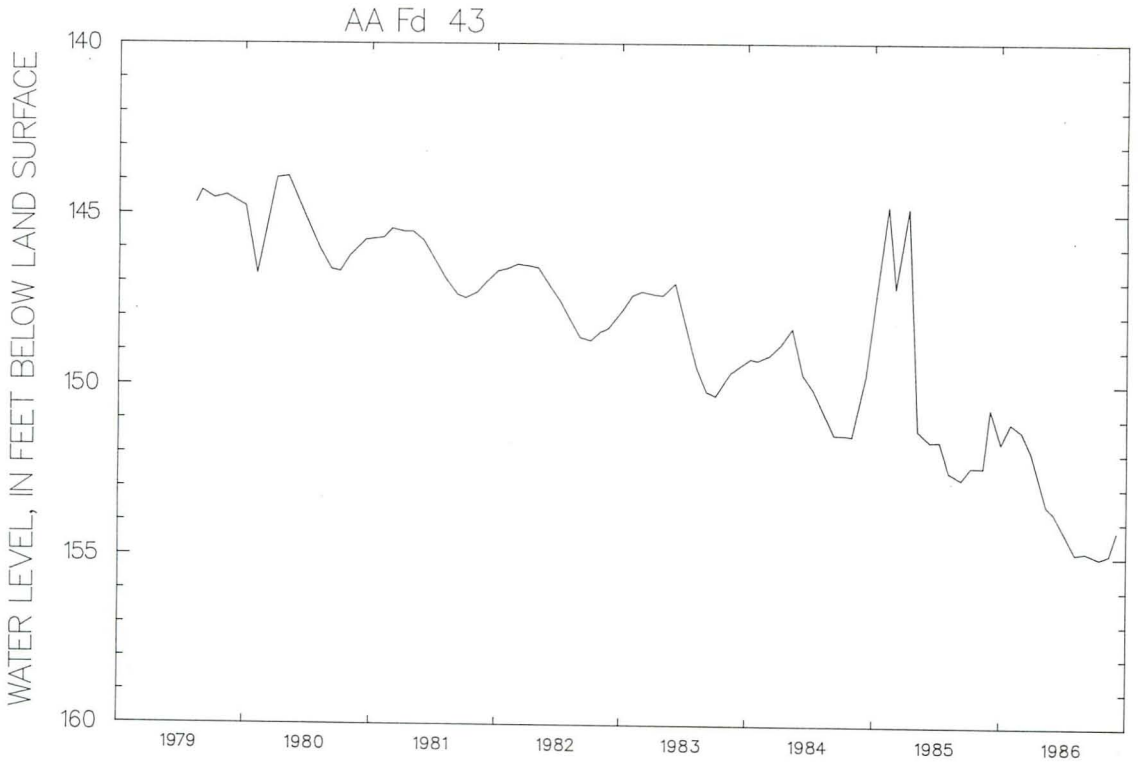
WELL NUMBER.--AA Ed 45 SITE ID.--385406076383901 PERMIT NUMBER.--AA-74-1005
LOCATION.--Lat 38°54'06", long 76°38'39", Hydrologic Unit 02060006, at Anne Arundel County Police Academy, near Davidsonville.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 220 ft; casing diameter 4 in. with depth to 147 ft; screen diameter 2 in. from 147 to 157 ft.
DATUM.--Altitude of land-surface datum is 100 ft. Measuring point: Top of coupling, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--August 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.51 ft below land-surface datum, May 6, 1980; lowest measured, 68.49 ft below land-surface datum, Aug. 6, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 30, 1979	64.45	OCT 02, 1981	65.77	AUG 09, 1983	65.75	JUN 12, 1985	65.69
OCT 05	64.03	NOV 05	66.23	SEP 07	65.99	JUL 10	66.22
NOV 09	64.25	DEC 02	66.08	OCT 03	66.25	AUG 06	66.84
JAN 09, 1980	64.19	JAN 05, 1982	66.30	NOV 16	63.88	SEP 11	66.95
FEB 07	64.00	FEB 01	66.14	JAN 12, 1984	66.21	OCT 08	67.42
APR 03	63.95	MAR 03	66.08	FEB 01	65.95	NOV 13	66.94
MAY 06	63.51	APR 02	66.04	MAR 07	65.74	DEC 03	67.00
JUL 07	64.32	MAY 03	66.06	APR 09	65.66	JAN 03, 1986	66.49
AUG 04	64.28	JUN 02	65.91	MAY 09	65.50	31	67.08
SEP 08	64.88	JUL 07	66.13	JUN 11	65.43	MAR 04	66.53
OCT 03	64.66	AUG 03	66.06	JUL 11	65.31	31	66.63
31	65.18	SEP 07	66.44	AUG 08	65.26	MAY 14	66.99
DEC 16	64.99	OCT 04	66.40	SEP 11	65.68	JUN 04	67.28
FEB 06, 1981	65.48	NOV 02	66.48	OCT 09	66.03	JUL 09	67.29
MAR 02	64.11	24	66.63	31	66.04	AUG 06	68.49
APR 03	65.38	FEB 03, 1983	66.16	DEC 10	65.77	SEP 04	67.68
MAY 01	65.21	MAR 02	65.87	JAN 09, 1985	66.09	OCT 15	67.83
JUN 01	65.50	APR 07	65.03	FEB 12	65.33	NOV 12	68.03
JUL 01	65.61	MAY 02	65.73	MAR 05	65.54	DEC 03	67.34
AUG 04	65.98	JUN 07	65.46	APR 03	65.52		
SEP 09	65.86	JUL 20	65.69	MAY 08	66.04		



WELL NUMBER.--AA Fd 43 SITE ID.--384646076352401
LOCATION.--Lat 38°46'46", long. 76°35'24", Hydrologic Unit 02060004 at Tracys Landing Regional Park, 0.2 mi east of Tracys Landing.
Owner: U.S. Geological Survey
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 280 ft, casing diameter 4 in. with depth to 231 ft; casing diameter 2 in. from 231 to 270 ft; screen diameter 2 in. from 270 to 280 ft.
DATUM.--Altitude of land-surface datum is 140 ft. Measuring point: Top of coupling, 1.1 ft above land surface datum.
PERIOD OF RECORD.--August 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 143.90 ft below land surface datum, May 6, 1980; lowest measured, 155.01 ft below land surface datum, Oct. 15, 1986.

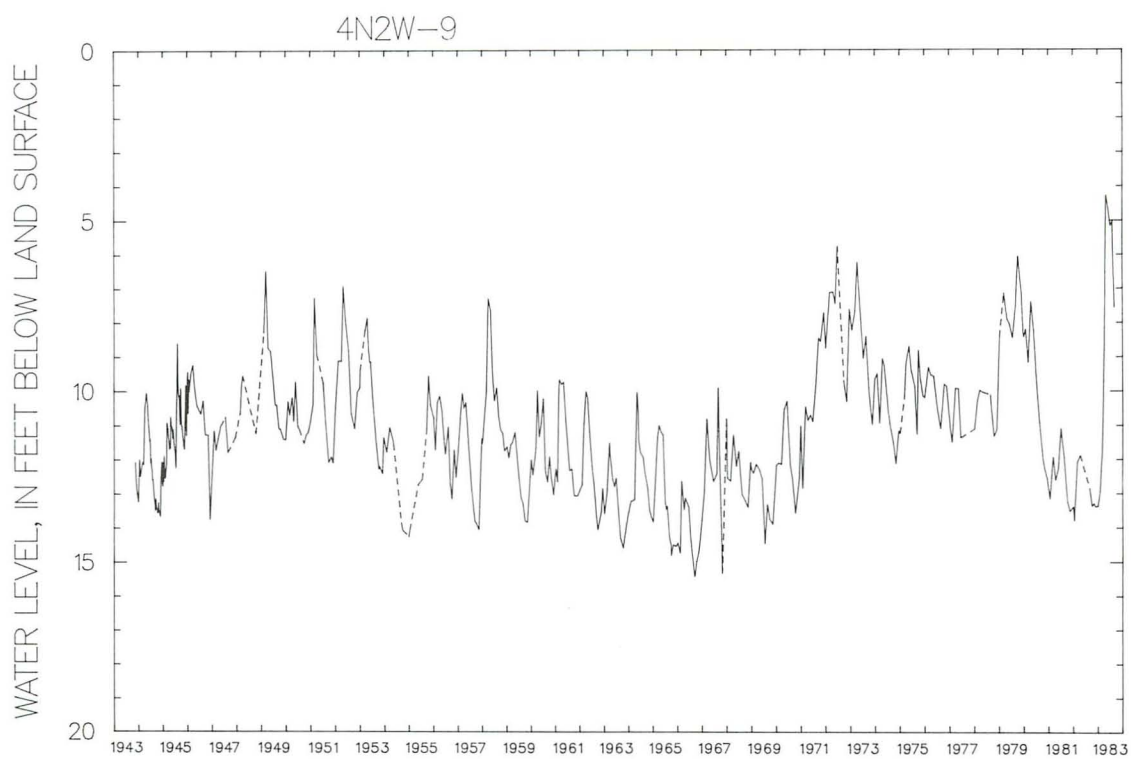
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 13, 1979	144.68	OCT 02, 1981	147.47	AUG 09, 1983	149.47	AUG 06, 1985	152.52
30	144.32	NOV 05	147.31	SEP 07	150.18	SEP 11	152.73
OCT 04	144.55	DEC 02	147.01	OCT 03	150.30	OCT 08	152.37
NOV 09	144.46	JAN 05, 1982	146.68	NOV 16	149.62	NOV 13	152.38
JAN 04, 1980	144.79	FEB 01	146.61	JAN 12, 1984	149.22	DEC 03	150.66
FEB 07	146.77	MAR 03	146.48	FEB 01	149.27	JAN 03, 1986	151.67
APR 03	143.95	APR 02	146.52	MAR 07	149.12	31	151.08
MAY 06	143.90	MAY 03	146.59	APR 09	148.80	MAR 04	151.33
JUL 07	145.36	JUN 02	147.05	MAY 11	148.33	31	151.92
AUG 04	146.01	JUL 07	147.56	JUN 11	149.67	MAY 14	153.49
SEP 08	146.64	AUG 03	148.06	JUL 11	150.12	JUN 04	153.70
OCT 03	146.70	SEP 03	148.61	SEP 10	151.44	JUL 09	154.35
31	146.24	OCT 04	148.70	OCT 09	151.45	AUG 06	154.88
DEC 16	145.77	NOV 02	148.44	31	151.48	SEP 04	154.84
FEB 06, 1981	145.70	24	148.35	DEC 10	149.68	OCT 15	155.01
MAR 02	145.44	JAN 06, 1983	147.81	JAN 09, 1985	147.34	NOV 12	154.90
APR 03	145.52	FEB 03	147.38	FEB 12	144.76	DEC 03	154.25
MAY 01	145.52	MAR 02	147.27	MAR 05	147.16		
JUN 01	145.78	APR 07	147.35	APR 12	144.81		
JUL 01	146.29	MAY 02	147.38	MAY 08	151.30		
AUG 04	146.89	JUN 07	147.03	JUN 12	151.63		
SEP 09	147.37	JUL 20	148.71	JUL 10	151.62		



WELL NUMBER.--4N2W-9 SITE ID.--392104076382801
LOCATION.--Lat 39°21'04", long 76°38'28", Hydrologic Unit 02060003, at Baltimore Country Club, Falls Rd.
Owner: Baltimore Country Club.
AQUIFER.--Baltimore Mafic Complex -Mount Washington Amphibolite.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 114 ft., casing diameter 6 in. to unknown depth.
DATUM.--Altitude of land-surface datum is 220 ft. Measuring point: Top of casing, 2.0 ft above land-surface datum.
REMARKS.--Discontinued as an observation well September 1983.
PERIOD OF RECORD.--November 1943 to September 1983.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.26 ft below land-surface datum, May 5, 1983; lowest measured, 15.43 ft below land-surface datum, Sept. 13, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16, 1943	12.07	FEB 19, 1948	10.67	JUL 18, 1955	12.57	OCT 08, 1961	13.04
30	12.72	26	10.65	SEP 21	11.12	30	13.06
DEC 10	12.95	MAR 04	10.33	OCT 19	9.54	DEC 03	13.05
31	13.23	11	9.90	NOV 16	10.40	JAN 04, 1962	12.88
JAN 15, 1944	11.99	APR 01	9.54	JAN 03, 1956	10.77	FEB 07	12.73
29	12.48	OCT 15	11.23	30	11.72	MAR 05	10.99
FEB 19	12.22	FEB 09, 1949	8.28	FEB 27	10.32	APR 05	10.01
MAR 04	12.07	MAR 14	6.46	APR 02	10.14	MAY 01	10.20
18	12.13	APR 12	8.74	MAY 06	10.55	JUN 02	11.30
APR 08	10.50	MAY 18	8.83	JUN 03	11.35	JUL 05	12.18
29	10.04	JUN 23	9.57	26	11.84	AUG 01	12.68
MAY 13	10.32	JUL 28	10.39	AUG 10	11.04	SEP 07	13.65
20	10.41	AUG 19	10.40	SEP 08	12.70	29	14.05
JUN 03	11.01	SEP 22	11.09	OCT 02	13.16	NOV 20	13.51
10	11.19	OCT 11	11.09	NOV 06	11.70	DEC 09	12.83
JUL 02	12.09	NOV 28	11.40	DEC 04	12.52	JAN 07, 1963	13.59
13	12.16	DEC 30	11.41	JAN 03, 1957	11.79	FEB 15	12.91
AUG 04	12.57	FEB 02, 1950	10.30	FEB 11	10.64	MAR 24	11.50
11	12.73	27	10.69	MAR 10	10.05	31	11.81
SEP 01	13.26	APR 05	10.18	APR 02	10.48	MAY 07	12.55
08	13.48	27	10.87	MAY 01	10.33	JUN 06	12.79
OCT 12	13.55	MAY 24	9.71	JUN 04	11.40	JUL 01	12.53
19	13.55	JUN 26	11.01	JUL 27	12.89	31	13.44
NOV 02	13.50	JUL 20	11.11	SEP 12	13.80	SEP 04	14.30
16	13.60	SEP 29	11.52	OCT 03	13.86	OCT 13	14.58
DEC 14	12.05	OCT 27	11.28	NOV 10	14.05	NOV 10	14.19
22	12.67	NOV 28	11.19	DEC 23	11.38	DEC 16	13.72
JAN 04, 1945	12.07	DEC 27	10.90	JAN 03, 1958	11.52	JAN 22, 1964	13.36
11	12.63	FEB 05, 1951	10.39	MAR 04	10.02	FEB 06	13.22
FEB 01	12.54	28	7.25	APR 02	7.28	MAR 03	13.19
08	12.50	APR 04	8.93	MAY 06	7.63	APR 01	13.17
MAR 01	10.91	JUL 06	9.76	JUN 03	9.40	MAY 08	10.02
15	11.08	AUG 09	10.83	JUL 01	10.28	26	10.53
APR 06	11.68	SEP 27	12.08	AUG 05	9.90	JUN 03	11.42
20	11.65	NOV 05	11.91	SEP 02	10.72	JUL 01	11.80
MAY 04	11.01	DEC 03	12.10	OCT 03	11.12	AUG 07	11.93
11	11.03	JAN 04, 1952	10.50	NOV 03	11.23	SEP 03	12.38
JUN 01	11.12	FEB 14	9.11	30	11.74	OCT 13	12.82
15	11.52	APR 01	9.12	JAN 05, 1959	11.62	NOV 11	13.47
JUL 06	11.93	MAY 01	6.91	FEB 02	11.95	DEC 04	13.67
13	12.24	JUN 02	7.90	MAR 03	11.56	JAN 05, 1965	13.82
AUG 03	8.59	JUL 17	8.81	30	11.49	FEB 02	12.71
17	9.98	AUG 12	10.04	MAY 07	11.19	MAR 10	11.37
SEP 07	10.68	27	10.65	JUL 01	12.47	APR 02	11.00
14	10.96	OCT 15	11.09	AUG 03	13.10	MAY 04	11.19
OCT 05	10.99	NOV 25	10.00	31	13.28	JUN 01	11.27
12	11.01	DEC 09	9.97	OCT 02	13.79	JUL 02	13.25
NOV 02	11.45	30	9.90	NOV 06	13.83	19	13.45
16	11.69	JAN 05, 1953	9.39	JAN 04, 1960	12.00	AUG 02	13.36
DEC 07	9.82	MAR 20	8.22	29	12.45	SEP 03	14.29
17	11.29	APR 22	7.85	MAR 14	11.67	26	14.50
JAN 04, 1946	9.43	MAY 01	8.40	APR 07	9.97	OCT 29	14.49
11	10.64	11	8.79	MAY 03	11.34	DEC 08	14.54
FEB 21	9.49	JUN 09	9.14	JUN 03	10.93	JAN 06, 1966	14.44
27	9.40	12	9.25	JUL 06	10.20	FEB 10	14.74
MAR 21	9.24	JUL 08	10.15	AUG 02	12.32	MAR 04	12.61
APR 18	9.94	SEP 01	11.51	SEP 06	12.65	APR 08	13.47
MAY 24	10.42	OCT 09	12.27	OCT 05	11.90	27	13.12
JUL 18	10.66	21	12.20	29	12.49	JUN 17	13.39
AUG 21	10.27	DEC 04	12.41	DEC 04	13.03	JUL 19	14.39
SEP 23	11.26	21	11.34	JAN 08, 1961	12.26	SEP 13	15.43
NOV 06	11.27	FEB 04, 1954	11.78	FEB 02	12.65	19	15.37
DEC 03	13.75	MAR 19	11.05	19	10.37	OCT 11	14.97
FEB 03, 1947	11.13	MAY 12	11.46	MAR 01	9.66	13	14.98
MAR 01	11.72	18	11.55	APR 03	9.80	NOV 18	14.62
29	11.43	SEP 08	13.85	MAY 03	9.74	DEC 28	13.80
MAY 10	11.02	29	14.06	JUN 06	10.82	FEB 02, 1967	12.95
JUL 21	10.75	DEC 29	14.26	29	11.40	MAR 14	10.80
AUG 25	11.79	JAN 11, 1955	14.06	AUG 02	12.32	APR 25	12.02
DEC 16	11.34	MAY 19	12.71	SEP 06	12.27	JUN 20	12.64

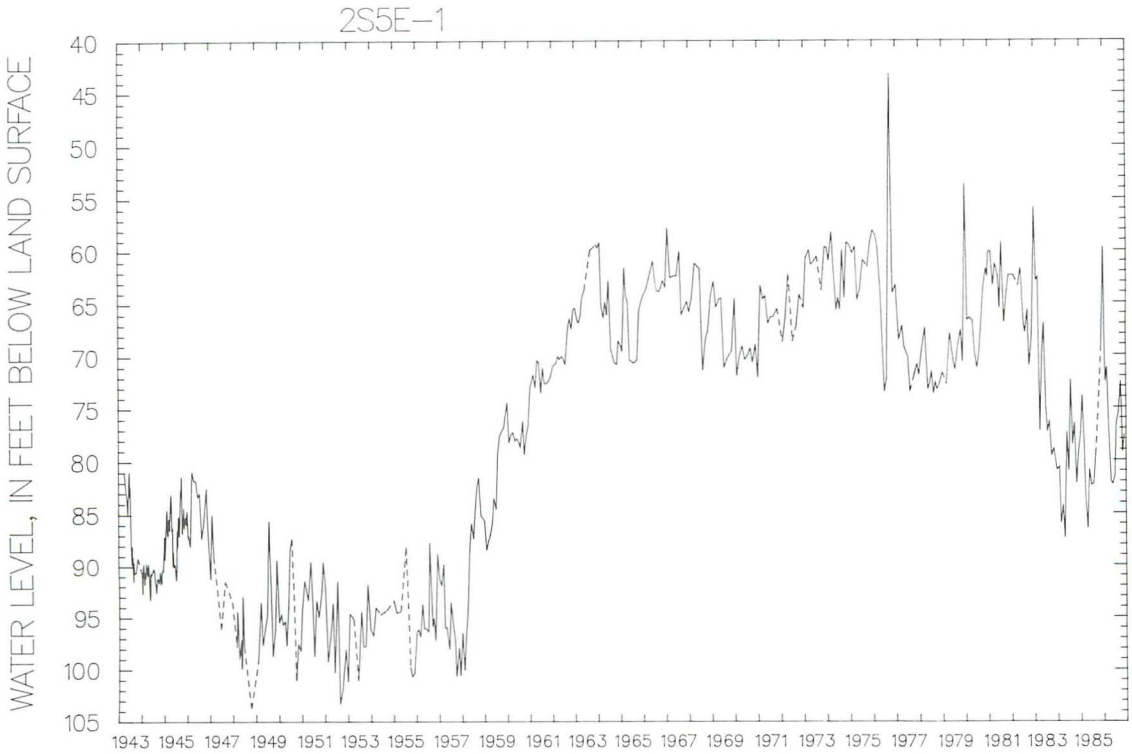
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 07, 1967	12.41	JUN 25, 1971	10.89	SEP 09, 1975	11.26	MAY 27, 1980	8.22
28	9.89	AUG 11	9.76	30	8.80	JUL 08	9.76
SEP 18	11.98	SEP 20	8.45	OCT 28	9.63	AUG 18	10.89
OCT 26	15.34	OCT 18	8.56	DEC 03	10.15	OCT 07	11.97
DEC 30	10.81	DEC 06	7.70	29	10.20	NOV 12	12.34
JAN 12, 1968	12.53	JAN 03, 1972	8.76	FEB 23, 1976	9.31	DEC 10	12.55
FEB 26	12.63	MAR 02	7.12	MAR 30	9.54	JAN 05, 1981	12.91
APR 09	11.27	APR 19	7.10	MAY 10	9.57	20	13.15
MAY 22	12.20	MAY 22	7.45	JUN 24	10.36	MAR 09	11.92
JUN 28	11.75	JUN 24	5.75	AUG 20	11.10	APR 13	12.61
AUG 14	13.02	SEP 25	9.70	OCT 13	9.80	MAY 26	12.26
SEP 27	13.19	NOV 06	10.32	NOV 17	9.87	JUL 01	11.08
NOV 08	13.40	DEC 18	7.60	JAN 06, 1977	11.01	AUG 18	11.95
DEC 19	12.06	JAN 24, 1973	8.23	FEB 07	11.50	OCT 07	13.22
31	12.27	MAR 08	7.70	MAR 28	9.92	NOV 13	13.52
JAN 31, 1969	12.40	APR 12	6.22	MAY 09	9.94	JAN 04, 1982	13.38
MAR 14	12.13	MAY 25	7.59	JUN 15	11.37	18	13.80
APR 29	12.30	JUL 11	9.05	JAN 03, 1978	11.11	MAR 01	12.08
JUN 06	12.55	AUG 20	8.40	FEB 16	10.29	APR 12	11.88
JUL 18	14.46	OCT 03	10.13	MAR 22	9.98	AUG 31	12.84
AUG 25	13.30	NOV 19	10.98	MAY 02	10.04	OCT 06	13.37
SEP 26	13.74	DEC 26	9.66	AUG 25	10.12	NOV 03	13.29
NOV 10	13.89	JAN 31, 1974	9.49	OCT 17	11.33	26	13.38
JAN 06, 1970	12.16	MAR 06	10.94	NOV 29	11.13	JAN 03, 1983	13.37
FEB 05	12.10	APR 19	9.06	JAN 08, 1979	8.42	FEB 01	12.95
MAR 20	12.14	MAY 16	9.25	MAR 14	7.15	MAR 01	11.85
APR 28	10.55	JUL 10	10.56	APR 30	7.90	APR 05	8.82
JUN 11	10.29	AUG 16	11.08	JUN 06	8.05	MAY 05	4.26
JUL 29	12.16	SEP 24	11.49	JUL 20	8.45	JUN 03	4.63
AUG 28	12.55	NOV 01	12.13	AUG 31	7.57	JUL 06	5.16
OCT 13	13.58	DEC 13	11.16	OCT 09	6.05	AUG 04	5.02
DEC 09	12.50	JAN 02, 1975	11.23	NOV 28	7.12	SEP 02	7.55
29	11.00	MAR 07	10.18	DEC 21	8.30		
JAN 28, 1971	12.85	APR 03	9.18	JAN 02, 1980	8.42		
MAR 11	10.45	MAY 15	8.68	28	8.20		
APR 15	10.85	JUN 16	9.38	MAR 07	9.17		
MAY 21	10.70	AUG 06	9.88	APR 17	7.38		



WELL NUMBER.--2S5E-1 SITE ID.--391617076322001
LOCATION.--Lat 39°16'17", long 76°32'20", Hydrologic Unit 02060003, near Holabird Avenue and Pumphrey Street, at Holabird Industrial Park.
Owner: City of Baltimore.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 290 ft, casing diameter 13 in.
DATUM.--Altitude of land-surface datum is 30 ft. Measuring point: lip of discharge pipe, 2.0 ft above land-surface datum from April 1943 to April 1966; top of casing, 1.8 ft above land-surface datum from April 1966 to current year.
REMARKS.-- Water level reported 58 ft in 1934.
PERIOD OF RECORD.--April 1943 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.15 ft below land-surface datum, Sept. 27, 1976; lowest measured, 103.70 ft below land-surface datum, Oct. 15, 1948.

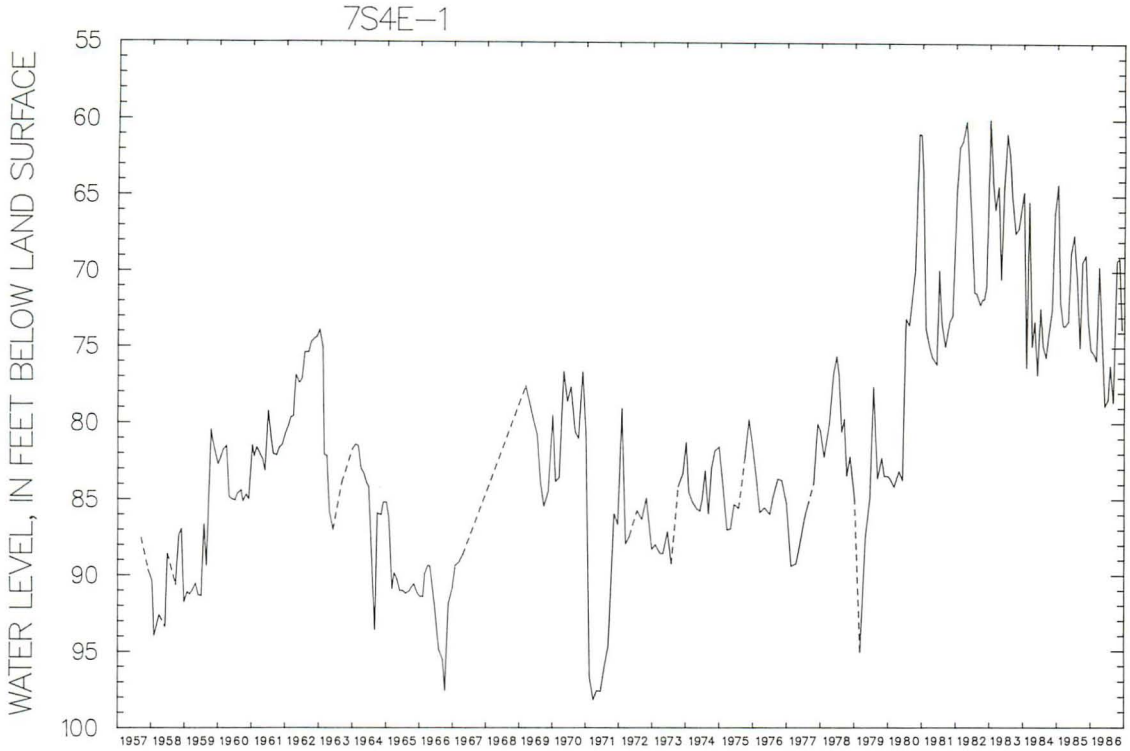
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 02, 1943	81.00	NOV 06, 1946	82.54	FEB 14, 1955	94.57	JUL 03, 1961	73.51
MAY 15	83.55	DEC 03	86.92	APR 20	94.37	AUG 01	71.10
28	84.99	JAN 09, 1947	91.29	JUL 18	88.18	28	72.62
JUN 15	82.24	FEB 03	85.00	SEP 21	99.82	OCT 02	72.63
22	80.89	MAR 01	89.07	OCT 19	100.67	30	72.40
JUL 06	82.48	JUN 20	96.07	NOV 23	100.32	DEC 04	71.97
13	84.58	AUG 25	91.55	JAN 03, 1956	96.42	JAN 08, 1962	71.05
AUG 06	88.05	DEC 16	93.52	30	96.15	FEB 05	70.81
11	90.06	FEB 26, 1948	97.77	FEB 27	96.86	MAR 05	70.69
SEP 01	89.59	MAR 04	94.39	APR 02	93.68	APR 02	70.02
09	90.70	APR 01	97.92	30	96.02	27	70.30
OCT 08	90.54	08	98.92	JUN 04	96.09	JUN 04	70.03
NOV 05	89.14	MAY 07	97.10	JUL 09	96.36	JUL 02	70.28
JAN 08, 1944	90.67	14	99.92	30	87.67	31	70.81
15	92.67	JUN 01	92.97	SEP 10	95.86	SEP 11	67.37
FEB 05	89.75	22	97.78	OCT 01	95.07	OCT 08	66.39
19	91.80	OCT 15	103.70	29	97.20	NOV 10	67.40
MAR 04	91.17	FEB 02, 1949	99.17	DEC 03	88.73	DEC 10	65.56
11	90.77	MAR 14	93.50	JAN 02, 1957	91.28	JAN 07, 1963	65.41
APR 08	90.90	APR 12	97.63	FEB 04	91.91	FEB 12	66.60
22	89.75	MAY 18	96.23	MAR 11	89.82	MAR 04	66.82
MAY 06	91.65	JUN 23	94.67	APR 01	96.00	APR 01	66.24
13	93.25	JUL 29	85.60	29	95.97	29	64.50
JUN 03	90.94	AUG 30	93.65	JUN 10	98.06	JUN 07	63.73
JUL 14	90.20	SEP 21	98.70	JUL 03	93.54	SEP 09	59.92
21	90.39	OCT 28	96.24	AUG 05	95.51	DEC 09	59.40
AUG 04	91.47	NOV 28	89.37	SEP 10	97.16	JAN 03, 1964	59.68
11	91.82	DEC 30	95.45	30	100.63	FEB 05	59.17
SEP 01	91.71	FEB 02, 1950	94.64	NOV 12	97.87	MAR 05	65.18
08	91.18	27	95.70	DEC 02	100.61	APR 06	66.35
OCT 05	91.65	APR 05	95.35	JAN 06, 1958	96.47	MAY 05	64.83
26	90.51	28	97.66	FEB 07	100.08	JUN 02	66.10
NOV 02	91.73	MAY 25	94.12	MAR 03	96.99	29	62.79
16	91.62	JUN 26	88.39	31	94.74	AUG 06	69.39
DEC 14	90.43	JUL 26	87.36	MAY 05	88.39	SEP 04	70.02
29	88.72	SEP 29	100.97	JUN 02	85.89	29	70.65
JAN 04, 1945	87.12	OCT 31	97.50	JUL 07	87.36	NOV 10	70.81
11	89.29	DEC 07	98.18	AUG 04	84.46	DEC 01	68.57
FEB 08	85.31	28	94.42	SEP 02	82.44	JAN 06, 1965	69.00
15	84.54	FEB 06, 1951	91.45	29	81.55	FEB 01	69.58
MAR 01	87.02	APR 04	93.35	NOV 03	85.12	MAR 09	61.53
15	85.37	MAY 21	89.51	DEC 29	85.64	APR 01	64.14
APR 06	84.50	JUL 12	98.70	FEB 02, 1959	88.47	MAY 03	64.88
20	83.12	AUG 16	93.37	MAR 02	87.63	JUN 02	70.39
MAY 04	86.50	SEP 20	94.95	30	87.02	JUL 06	70.54
12	86.30	NOV 05	92.58	MAY 04	85.82	AUG 02	70.71
JUN 01	90.02	DEC 03	89.58	JUN 01	83.49	SEP 13	70.47
22	89.80	JAN 03, 1952	92.03	JUL 06	84.54	29	70.38
JUL 06	91.37	FEB 14	99.24	AUG 03	79.09	NOV 02	65.72
13	90.91	APR 01	96.42	SEP 01	77.62	DEC 07	64.83
AUG 03	88.08	MAY 01	93.60	OCT 19	76.96	JAN 05, 1966	64.27
17	85.15	JUN 02	100.28	NOV 05	76.85	FEB 09	63.87
SEP 07	85.68	JUL 17	91.50	JAN 04, 1960	74.43	MAR 02	63.52
21	82.68	AUG 27	103.31	FEB 01	78.26	APR 07	62.59
OCT 05	81.37	OCT 06	101.84	29	77.54	28	62.06
18	86.81	NOV 24	97.98	APR 04	77.26	JUN 15	60.97
NOV 02	85.86	DEC 30	101.16	MAY 06	78.08	AUG 04	63.73
16	86.28	JAN 26, 1953	94.60	JUN 03	77.86	SEP 16	63.89
DEC 07	85.26	MAR 30	95.19	JUL 08	78.22	OCT 11	63.61
17	85.18	JUN 12	101.05	AUG 01	78.72	NOV 16	62.80
JAN 04, 1946	84.94	JUL 29	94.42	SEP 13	76.13	DEC 27	63.48
11	86.32	SEP 01	97.78	OCT 03	79.37	JAN 31, 1967	57.70
FEB 21	88.02	OCT 08	97.74	NOV 07	77.47	MAR 15	62.56
MAR 21	80.92	NOV 09	91.82	DEC 05	76.67	APR 24	62.40
APR 18	81.75	DEC 23	96.06	JAN 11, 1961	72.88	JUN 21	62.40
MAY 20	81.82	FEB 04, 1954	96.73	31	72.46	AUG 09	59.99
JUN 21	83.36	MAR 17	94.02	MAR 01	71.76	SEP 12	66.10
JUL 18	82.96	JUN 02	94.70	APR 03	73.00	OCT 27	65.38
AUG 22	87.28	SEP 08	94.28	MAY 03	70.37	DEC 07	64.84
SEP 23	85.97	DEC 28	93.38	29	70.61	JAN 11, 1968	65.85

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 21, 1968	64.52	JUL 30, 1973	60.52	SEP 15, 1978	72.52	MAY 05, 1983	69.93
APR 10	61.16	OCT 12	63.83	OCT 13	73.27	JUN 03	66.96
MAY 20	61.45	DEC 03	59.60	NOV 17	72.78	JUL 06	74.95
JUN 27	61.70	JAN 07, 1974	59.77	JAN 05, 1979	71.65	AUG 03	77.30
AUG 13	71.45	FEB 05	60.95	MAR 09	72.77	SEP 02	76.26
SEP 27	68.47	MAR 18	58.16	MAY 04	67.85	OCT 05	79.58
NOV 06	67.60	MAY 01	62.55	JUN 21	70.31	NOV 09	78.89
DEC 19	64.29	JUN 06	65.68	JUL 27	71.42	DEC 30	80.95
FEB 03, 1969	62.90	JUL 01	64.51	SEP 11	69.09	FEB 07, 1984	80.63
MAR 13	65.41	AUG 02	65.61	OCT 26	67.57	MAR 01	85.99
APR 28	64.64	SEP 06	59.93	NOV 23	70.63	APR 06	84.23
JUN 05	64.52	OCT 10	64.54	JAN 02, 1980	53.55	MAY 02	87.36
JUL 17	71.18	NOV 13	59.20	FEB 01	66.65	JUN 05	77.34
AUG 25	70.44	DEC 30	59.45	MAR 07	66.43	JUL 05	81.01
SEP 29	70.02	FEB 11, 1975	60.25	APR 29	66.70	AUG 03	72.36
NOV 17	69.56	MAR 26	59.60	JUN 05	69.85	SEP 04	78.53
JAN 05, 1970	64.48	MAY 02	64.74	JUL 10	71.23	OCT 02	76.47
FEB 05	71.93	JUN 12	63.70	AUG 14	69.57	NOV 07	82.26
MAR 18	70.10	JUL 30	60.88	OCT 15	63.68	DEC 04	79.36
MAY 04	69.08	OCT 10	61.54	NOV 26	61.72	JAN 07, 1985	77.48
JUN 15	70.41	NOV 19	59.33	DEC 18	62.47	FEB 04	73.87
JUL 24	70.08	DEC 29	58.07	JAN 06, 1981	60.12	MAR 07	78.47
SEP 09	69.29	FEB 10, 1976	58.48	FEB 09	60.09	28	83.32
OCT 15	70.65	MAR 18	59.56	MAR 19	63.35	MAY 01	86.48
NOV 30	68.89	MAY 06	64.14	APR 20	61.24	30	80.88
JAN 06, 1971	72.08	JUL 02	73.48	JUN 09	62.51	JUL 01	82.43
FEB 17	63.30	AUG 06	72.24	JUL 02	65.54	AUG 05	82.26
MAR 30	64.64	SEP 27	43.15	31	59.18	SEP 06	79.50
MAY 05	64.29	NOV 08	64.07	SEP 11	66.88	DEC 03	69.52
JUN 17	66.94	DEC 30	63.28	OCT 23	63.91	JAN 02, 1986	59.70
JUL 27	66.33	FEB 18, 1977	68.55	NOV 24	62.37	FEB 05	72.53
SEP 10	66.30	APR 12	67.20	FEB 05, 1982	62.39	MAR 03	71.20
NOV 10	65.51	MAY 13	69.21	APR 23	63.40	APR 01	76.96
FEB 03, 1972	68.69	JUL 11	70.18	JUN 03	61.62	MAY 09	82.05
MAR 17	66.54	AUG 12	73.47	JUL 20	67.00	JUN 04	82.33
MAY 05	62.25	OCT 21	71.75	AUG 12	67.84	JUL 08	81.47
JUL 11	68.64	DEC 02	70.85	SEP 21	65.67	30	76.58
SEP 12	67.07	30	71.88	OCT 15	71.03	SEP 03	75.45
OCT 26	64.17	FEB 10, 1978	69.70	NOV 03	69.99	OCT 09	72.53
DEC 29	65.48	APR 05	67.34	26	68.14	NOV 06	79.26
FEB 05, 1973	60.69	MAY 19	73.25	JAN 03, 1983	55.82	DEC 04	77.65
MAR 27	59.94	JUN 22	72.60	FEB 01	62.89		
APR 30	61.33	JUL 18	71.53	MAR 01	62.56		
JUN 19	60.98	AUG 18	73.65	APR 05	77.24		



WELL NUMBER.--7S4E-1 SITE ID.--391213076324401 PERMIT NUMBER.--BC-01-7129
LOCATION.--Lat 39°12'13", long 76°32'44", Hydrologic Unit 02060003, near Hawkins Point, at SCM Plant.
Owner: SCM Pigments Corp.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 638 ft, casing diameter 2 in. with depth to 565 ft, screen diameter 2 in. from 565 to 575 ft.
DATUM.--Altitude of land-surface datum is 40 ft. Measuring point: Top of casing, 1.55 ft above land-surface datum.
PERIOD OF RECORD.--September 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.94 ft, below land-surface datum, Jan. 3, 1983; lowest measured, 98.17 ft below land-surface datum, March 30, 1971.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 16, 1957	87.55	JUN 02, 1964	83.88	JUL 30, 1973	89.27	JUN 09, 1981	76.15
DEC 03	89.64	29	84.19	OCT 12	84.16	JUL 02	69.90
JAN 15, 1958	90.36	AUG 06	89.82	DEC 03	83.30	31	73.37
FEB 06	93.96	SEP 04	93.58	JAN 07, 1974	81.23	SEP 11	74.95
APR 01	92.59	29	85.91	FEB 05	84.51	OCT 23	73.30
JUN 05	93.37	NOV 10	86.02	MAR 18	85.17	NOV 24	72.89
JUL 02	88.57	DEC 01	85.19	MAY 01	85.60	JAN 07, 1982	64.77
SEP 29	90.64	JAN 06, 1965	85.18	JUN 06	85.75	FEB 05	61.77
NOV 03	87.35	FEB 01	86.19	JUL 01	84.96	MAR 09	61.41
DEC 01	86.96	MAR 09	90.90	AUG 02	83.10	APR 23	60.07
29	91.77	APR 01	89.82	SEP 06	85.95	JUN 03	65.07
FEB 02, 1959	91.10	MAY 03	90.27	OCT 10	82.95	JUL 20	71.34
MAR 02	91.25	JUN 02	91.00	NOV 13	81.83	AUG 12	71.43
30	91.00	JUL 06	91.01	DEC 30	81.54	SEP 21	72.17
MAY 04	90.54	AUG 03	91.19	FEB 11, 1975	84.09	OCT 15	71.80
JUN 01	91.28	SEP 14	91.02	MAR 26	87.00	NOV 03	71.78
JUL 06	91.36	29	90.86	MAY 02	86.94	26	70.95
AUG 03	86.60	NOV 02	90.55	JUN 12	85.30	JAN 03, 1983	59.94
31	89.39	DEC 07	91.13	JUL 30	85.58	FEB 01	63.97
OCT 19	80.42	JAN 05, 1966	91.38	OCT 10	82.15	MAR 01	65.89
NOV 05	81.17	FEB 09	91.40	NOV 19	79.75	APR 05	64.35
JAN 04, 1960	82.72	MAR 02	89.89	DEC 29	81.50	MAY 05	70.49
FEB 01	82.26	APR 07	89.34	FEB 10, 1976	83.72	JUN 03	64.47
29	81.77	28	89.42	MAR 18	85.85	JUL 06	60.89
APR 04	81.51	JUN 15	91.83	MAY 06	85.52	AUG 03	62.25
MAY 06	84.84	AUG 04	94.88	JUL 02	85.97	SEP 02	65.25
JUN 02	84.98	SEP 16	95.54	AUG 06	84.84	OCT 05	67.45
JUL 08	85.07	OCT 11	97.58	SEP 27	83.65	NOV 09	67.13
AUG 01	84.64	NOV 16	91.90	NOV 08	83.73	JAN 03, 1984	64.72
SEP 13	84.39	DEC 29	90.84	DEC 30	85.20	FEB 07	76.34
OCT 03	85.14	FEB 01, 1967	89.36	FEB 18, 1977	89.39	MAR 01	65.35
NOV 07	84.68	MAR 14	89.13	APR 12	89.22	APR 06	74.92
DEC 05	85.00	APR 24	88.64	MAY 13	88.30	MAY 02	73.25
JAN 11, 1961	81.46	MAR 13, 1969	77.60	JUL 11	86.29	JUN 05	76.81
31	82.19	APR 28	78.80	AUG 12	85.47	JUL 05	72.39
MAR 01	81.61	JUN 05	79.77	OCT 21	83.94	AUG 03	74.88
APR 03	82.02	JUL 17	80.77	DEC 02	80.04	SEP 04	75.67
MAY 03	82.39	AUG 25	83.94	30	80.46	OCT 02	74.15
29	83.12	SEP 29	85.45	FEB 10, 1978	82.20	NOV 07	72.43
JUL 03	79.22	NOV 17	84.49	APR 05	80.09	DEC 04	66.15
AUG 01	80.89	JAN 05, 1970	79.48	MAY 19	76.77	JAN 07, 1985	64.21
28	82.03	FEB 05	83.84	JUN 22	75.58	FEB 04	72.01
OCT 02	82.14	MAR 18	83.56	JUL 18	76.82	MAR 07	73.55
30	81.65	MAY 04	76.63	AUG 18	80.59	28	73.55
DEC 04	81.43	JUN 15	78.61	SEP 15	79.70	MAY 01	73.26
JAN 08, 1962	80.66	JUL 24	77.63	OCT 13	83.43	30	68.76
FEB 05	80.24	SEP 09	80.58	NOV 17	82.17	JUL 03	67.56
MAR 05	79.66	OCT 15	81.02	JAN 05, 1979	84.88	AUG 05	70.45
APR 02	79.59	NOV 30	76.64	MAR 09	95.05	SEP 06	75.00
27	76.89	JAN 06, 1971	80.63	MAY 04	87.43	OCT 01	69.36
JUN 04	77.43	FEB 17	96.70	JUN 21	84.84	NOV 05	68.88
JUL 02	77.14	MAR 30	98.17	JUL 27	77.58	DEC 03	73.28
31	75.40	MAY 05	97.58	SEP 11	83.62	JAN 02, 1986	75.12
SEP 11	75.40	JUN 17	97.62	OCT 26	82.25	FEB 05	75.45
OCT 08	74.73	JUL 27	96.14	NOV 23	83.45	MAR 03	75.89
NOV 10	74.49	SEP 10	94.63	JAN 02, 1980	83.47	APR 01	69.68
DEC 10	74.36	NOV 11	85.92	FEB 01	83.72	MAY 09	75.20
JAN 07, 1963	73.89	DEC 22	86.65	MAR 07	84.15	JUN 04	78.87
FEB 12	75.04	FEB 03, 1972	79.03	APR 29	83.13	JUL 08	78.43
MAR 04	82.08	MAR 17	87.93	JUN 05	83.72	30	76.19
APR 01	82.17	APR 28	87.41	JUL 10	73.11	SEP 03	78.63
29	85.82	JUL 20	85.72	AUG 14	73.52	OCT 09	69.26
JUN 07	87.03	SEP 12	86.31	OCT 15	69.85	NOV 06	69.10
SEP 09	83.93	OCT 30	84.89	NOV 26	60.90	DEC 04	73.77
JAN 03, 1964	81.73	DEC 29	88.29	DEC 18	60.96		
FEB 05	81.41	FEB 05, 1973	87.96	JAN 06, 1981	63.38		
MAR 06	81.53	MAR 27	88.54	FEB 09	73.73		
APR 06	83.00	APR 30	88.57	MAR 19	74.84		
MAY 05	83.30	JUN 19	87.11	APR 20	75.62		


7S4E-1
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--BA Cd 26 SITE ID.--393129076384201 PERMIT NUMBER.--BA-02-8527
LOCATION.--Lat 39°31'29", long 76°38'42", Hydrologic Unit, 02060003, 1.4 mi south of Sparks nr York Rd.
Owner: Diecraft, Inc.
AQUIFER.--Baltimore Gneiss.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 250 ft, casing diameter 6 in. with depth to 19 ft.
DATUM.--Altitude of land-surface datum is 480 ft. Measuring point: Top of casing, 0.3 ft above land-surface datum.
PERIOD OF RECORD.--January 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.42 ft below land-surface datum, Sept. 9, 1975; lowest measured, 80.20 ft below land-surface datum, Dec. 23, 1969.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 05, 1959	43.75	NOV 11, 1964	62.12	OCT 19, 1971	60.12	AUG 28, 1979	38.90
FEB 03	48.32	DEC 04	68.18	DEC 09	54.52	OCT 05	34.00
MAR 03	45.57	JAN 05, 1965	65.35	JAN 03, 1972	45.11	NOV 21	33.22
31	46.81	FEB 02	62.84	MAR 07	49.40	DEC 19	34.05
MAY 08	48.72	MAR 10	60.32	APR 14	62.00	JAN 02, 1980	34.14
JUN 02	48.59	APR 02	56.71	MAY 22	42.75	24	35.50
JUL 01	64.45	MAY 04	56.52	JUL 19	40.49	MAR 12	37.33
AUG 04	51.06	JUN 01	56.83	SEP 22	61.50	APR 22	34.88
SEP 01	57.87	JUL 02	67.66	NOV 06	45.60	JUN 04	33.40
OCT 05	62.91	AUG 02	70.77	DEC 15	48.09	JUL 14	33.45
NOV 06	65.31	SEP 03	71.82	JAN 03, 1973	37.30	AUG 22	34.60
DEC 04	63.33	28	72.36	26	41.30	OCT 02	34.85
JAN 05, 1960	60.60	OCT 29	73.15	MAR 07	40.05	NOV 18	37.19
FEB 02	59.61	DEC 06	71.40	APR 10	39.70	DEC 11	37.78
MAR 15	60.70	JAN 04, 1966	71.83	MAY 30	38.99	JAN 05, 1981	38.49
APR 07	59.92	FEB 10	71.67	JUL 11	41.95	22	38.94
MAY 03	53.06	MAR 01	71.82	AUG 20	47.70	MAR 05	38.85
JUN 03	49.88	APR 08	71.74	OCT 03	57.00	APR 15	39.98
JUL 06	53.25	26	72.30	NOV 15	68.83	JUN 03	39.81
AUG 02	67.28	JUN 14	71.80	DEC 26	63.20	JUL 06	39.57
SEP 06	59.01	JUL 19	71.35	MAR 05, 1974	46.32	AUG 19	39.26
OCT 05	49.55	SEP 12	72.30	APR 19	55.34	NOV 17	40.30
NOV 02	51.88	19	71.56	MAY 23	60.87	DEC 14	40.62
DEC 06	48.20	OCT 10	71.14	JUL 08	42.64	JAN 19, 1982	40.58
JAN 05, 1961	53.08	NOV 18	71.48	AUG 14	41.70	MAR 02	39.42
FEB 02	62.44	DEC 28	67.52	SEP 18	37.60	APR 13	39.43
MAR 02	49.10	FEB 02, 1967	71.89	NOV 04	37.56	JUN 02	38.88
APR 05	59.34	MAR 13	70.80	DEC 10	32.74	JUL 14	37.71
MAY 04	46.73	APR 23	71.07	JAN 03, 1975	31.73	AUG 25	37.54
JUN 06	54.54	JUN 20	70.60	MAR 04	31.28	OCT 05	38.02
29	71.05	AUG 07	71.04	APR 08	29.98	NOV 05	38.65
AUG 02	61.65	SEP 13	71.12	MAY 14	29.90	DEC 06	39.65
SEP 07	58.12	OCT 25	69.60	JUL 07	26.65	JAN 04, 1983	39.74
OCT 06	49.57	DEC 06	71.15	AUG 06	27.79	FEB 02	39.84
31	49.70	JAN 10, 1968	72.25	SEP 09	26.42	MAR 04	39.15
DEC 06	65.66	FEB 23	70.28	OCT 01	28.19	APR 06	36.10
JAN 04, 1962	72.28	APR 05	71.77	30	32.94	MAY 06	31.85
FEB 08	65.51	MAY 21	71.88	DEC 10	35.14	JUN 01	31.09
MAR 13	55.86	JUN 26	67.75	29	35.26	JUL 07	30.90
APR 04	56.82	AUG 12	64.35	FEB 23, 1976	37.68	AUG 01	33.15
MAY 02	53.86	SEP 27	72.22	MAR 31	39.19	SEP 01	32.74
JUN 05	53.65	NOV 08	72.06	MAY 11	40.13	OCT 06	34.18
JUL 06	64.19	DEC 20	71.17	JUN 25	42.78	11	34.40
AUG 01	66.53	31	72.14	AUG 18	45.96	NOV 10	35.25
SEP 05	72.28	JAN 30, 1969	71.15	OCT 12	46.62	DEC 09	34.51
OCT 10	62.81	MAR 13	72.37	NOV 18	47.87	27	34.73
31	66.16	APR 25	71.83	JAN 05, 1977	40.38	FEB 06, 1984	33.73
DEC 05	62.68	JUN 06	72.07	FEB 14	42.11	MAR 02	33.97
JAN 04, 1963	72.29	JUL 16	72.21	MAR 29	46.74	APR 02	31.74
FEB 08	72.28	AUG 21	72.84	MAY 02	43.72	MAY 02	29.70
MAR 07	69.48	SEP 25	75.33	JUN 15	45.90	JUN 06	29.96
APR 02	63.15	NOV 13	73.98	JUL 19	47.57	JUL 02	30.83
MAY 07	64.20	DEC 23	80.20	AUG 29	49.02	AUG 03	31.62
JUN 17	60.91	JAN 28, 1970	72.85	OCT 04	57.75	31	32.69
JUL 05	65.49	MAR 13	74.90	NOV 15	56.44	OCT 08	34.18
31	72.60	APR 23	72.28	JAN 03, 1978	44.18	NOV 05	34.96
SEP 05	70.97	JUN 09	71.99	19	44.78	DEC 05	35.78
OCT 02	62.72	JUL 17	71.60	FEB 17	40.34	JAN 08, 1985	36.39
NOV 08	67.31	AUG 28	72.09	MAR 22	41.47	FEB 05	38.08
DEC 16	60.18	OCT 08	72.08	APR 27	38.64	MAR 05	36.62
JAN 22, 1964	58.13	DEC 09	71.96	JUN 14	41.68	APR 02	37.36
FEB 06	58.04	29	71.90	JUL 19	39.26	MAY 07	37.87
MAR 02	57.92	JAN 28, 1971	71.60	SEP 05	41.66	JUN 03	38.08
APR 01	47.57	MAR 10	70.70	OCT 16	43.09	JUL 01	38.53
MAY 08	42.46	APR 15	69.98	NOV 28	45.16	AUG 07	39.06
JUN 03	51.05	MAY 27	71.23	JAN 08, 1979	42.37	SEP 05	39.36
30	56.83	JUN 29	71.14	MAR 06	37.33	OCT 08	39.43
AUG 07	59.48	AUG 05	70.37	APR 26	39.88	NOV 06	39.65
SEP 03	61.65	11	70.36	JUN 07	38.84	DEC 02	39.60
OCT 14	60.04	SEP 16	70.94	JUL 12	38.14	JAN 06, 1986	39.33

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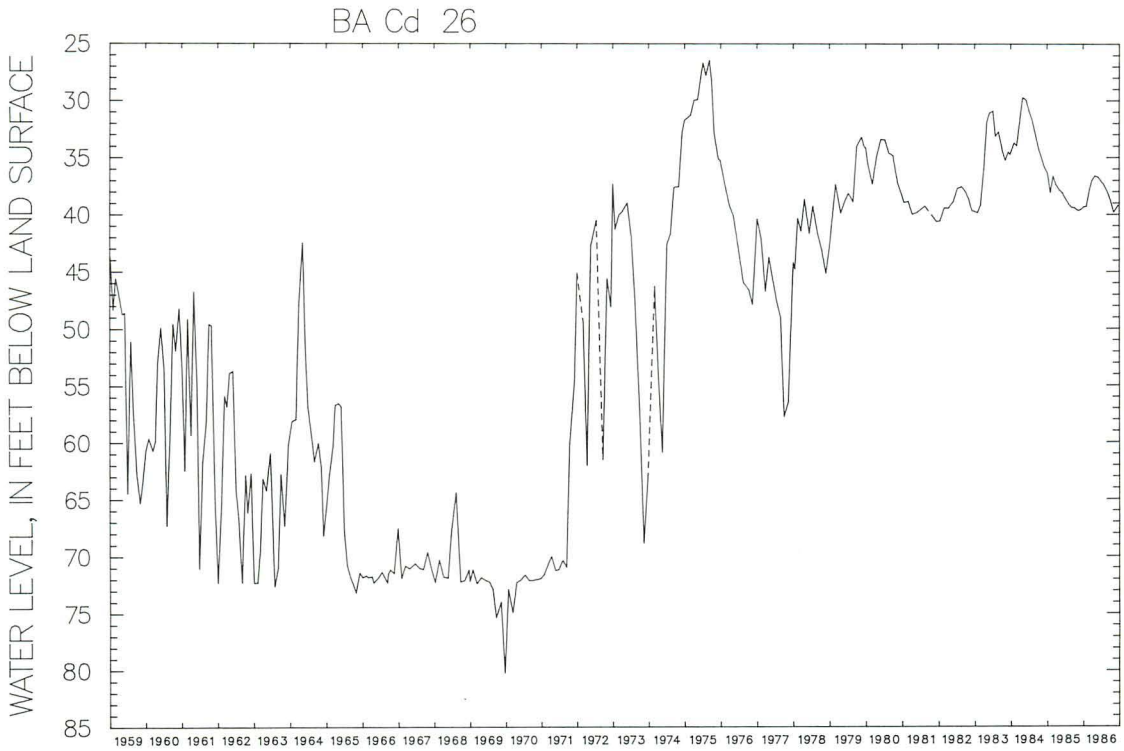
BA Cd 26

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 03, 1986	39.28	JUN 02, 1986	36.72	OCT 03, 1986	38.75
MAR 04	37.87	JUL 03	37.09	NOV 06	39.80
APR 01	37.00	28	37.37	DEC 17	39.24
MAY 01	36.60	SEP 08	38.13		



WELL NUMBER.--BA Ce 21 SITE ID.--393102076341801 PERMIT NUMBER.--BA-02-1266
LOCATION.--Lat 39°31'02", long 76°34'18", Hydrologic Unit 02060003, on Paper Mill Rd., 0.6 mi west of Jacksonville.
Owner: Baltimore County.
AQUIFER.--Loch Raven Schist.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 350 ft; casing diameter 10 in. with depth to 12.4 ft; casing diameter 6 in. from 0 to 33.1 ft; open hole.
DATUM.--Altitude of land-surface datum is 536 ft. Measuring point: Top of casing, 2 ft above land-surface datum.
PERIOD OF RECORD.--November and December 1955, November 1956 through September 1975, July 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.60 ft below land-surface datum, June 23, 1972; lowest measured, 21.54 ft below land-surface datum, Feb. 10, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 05, 1955	17.00	AUG 02, 1962	18.77	MAR 13, 1969	18.56	JUL 11, 1980	16.83
DEC 14	18.83	SEP 05	19.55	APR 25	18.68	AUG 19	18.29
NOV 09, 1956	18.70	OCT 10	20.35	JUN 06	19.09	OCT 09	19.66
DEC 04	18.78	31	20.46	JUL 16	20.00	NOV 13	20.15
JAN 03, 1957	18.19	DEC 05	19.69	AUG 21	19.45	DEC 10	20.32
FEB 12	17.54	JAN 04, 1963	19.71	SEP 17	19.85	JAN 05, 1981	20.55
MAR 11	16.84	FEB 08	18.38	NOV 13	19.94	26	20.67
APR 02	16.78	MAR 07	18.52	DEC 22	19.35	MAR 05	19.76
10	16.15	APR 02	18.00	MAR 13, 1970	16.87	APR 16	19.59
MAY 01	16.18	MAY 07	18.94	APR 23	15.23	JUN 01	18.86
JUN 04	17.37	JUN 17	19.18	JUN 09	15.09	JUL 07	18.29
JUL 09	18.55	JUL 05	19.63	JUL 17	15.88	AUG 21	19.05
31	19.17	31	20.17	AUG 28	18.08	OCT 19	20.42
SEP 12	20.00	SEP 05	20.62	OCT 08	19.20	NOV 19	20.69
OCT 03	19.91	OCT 02	20.60	DEC 09	18.90	DEC 15	20.84
NOV 08	20.14	NOV 08	20.46	30	18.99	JAN 19, 1982	20.62
DEC 03	19.63	DEC 16	19.47	JAN 28, 1971	17.25	MAR 02	18.62
JAN 03, 1958	17.49	JAN 22, 1964	17.72	MAR 10	15.85	APR 13	18.11
FEB 06	16.50	FEB 06	17.58	APR 15	16.00	JUN 02	17.69
MAR 04	16.04	MAR 02	17.46	MAY 26	16.08	JUL 14	16.73
APR 02	14.20	APR 01	15.84	JUL 01	15.34	AUG 25	18.36
MAY 07	13.81	MAY 08	14.88	AUG 05	13.80	OCT 05	19.57
JUN 03	15.07	JUN 03	16.00	11	13.72	NOV 05	19.96
30	16.12	30	17.40	SEP 21	13.40	DEC 06	20.15
SEP 03	17.35	AUG 07	17.82	DEC 09	14.15	JAN 04, 1983	20.17
OCT 03	19.27	SEP 03	18.02	MAR 08, 1972	14.66	FEB 02	19.81
NOV 03	18.76	NOV 11	18.38	MAY 22	14.65	MAR 04	18.72
DEC 09	19.20	DEC 04	18.69	JUN 23	12.60	APR 06	14.63
JAN 05, 1959	19.37	JAN 05, 1965	19.47	SEP 22	17.38	MAY 06	12.71
FEB 03	19.55	FEB 02	18.53	NOV 16	17.15	JUN 01	13.11
MAR 03	19.27	MAR 10	16.93	DEC 19	13.43	JUL 07	14.76
31	18.89	APR 02	16.48	JAN 02, 1973	13.46	AUG 01	16.22
MAY 08	18.49	MAY 04	16.32	FEB 01	14.15	SEP 01	17.79
JUN 02	18.93	JUN 01	17.83	MAR 07	13.65	OCT 06	19.13
JUL 01	19.46	JUL 02	18.90	APR 17	13.87	11	19.22
AUG 04	19.98	AUG 02	19.28	MAY 30	14.40	NOV 10	20.93
SEP 01	20.41	SEP 03	20.35	JUL 11	14.92	DEC 09	18.28
OCT 05	20.35	28	20.61	AUG 20	16.94	27	16.13
NOV 06	20.28	OCT 29	20.98	OCT 03	18.60	FEB 06, 1984	16.16
DEC 04	20.21	DEC 06	21.17	DEC 04	19.54	MAR 02	16.62
JAN 05, 1960	19.08	JAN 04, 1966	21.36	FEB 06, 1974	16.62	APR 02	14.71
FEB 02	18.86	FEB 10	21.54	MAR 18	17.50	MAY 07	13.92
MAR 15	17.64	MAR 01	20.24	JUN 03	16.60	JUN 06	15.03
APR 07	16.14	APR 04	19.75	JUL 15	17.79	JUL 02	15.56
MAY 03	16.35	26	19.40	AUG 15	18.73	AUG 03	16.66
JUN 03	16.13	JUN 14	18.73	SEP 24	19.10	31	17.65
JUL 06	17.20	JUL 19	19.56	NOV 14	19.48	OCT 02	18.74
AUG 02	18.47	SEP 12	21.21	DEC 10	19.01	NOV 05	19.32
SEP 06	18.64	OCT 10	20.74	JAN 03, 1975	17.79	DEC 05	19.44
OCT 05	17.99	NOV 18	19.98	MAR 07	16.33	JAN 08, 1985	19.14
NOV 02	18.52	DEC 28	19.69	APR 23	15.49	FEB 05	19.02
DEC 06	19.00	FEB 04, 1967	18.42	MAY 13	15.16	MAR 05	18.10
JAN 05, 1961	18.36	MAR 13	17.00	JUL 07	15.94	APR 02	18.42
MAR 02	14.83	APR 23	16.81	AUG 06	14.85	MAY 07	18.56
APR 05	15.07	JUN 20	17.92	SEP 09	16.40	JUN 03	18.89
MAY 04	14.56	AUG 07	17.10	JUL 19, 1977	18.62	JUL 01	19.25
JUN 06	16.04	SEP 11	14.57	AUG 29	19.50	AUG 07	19.33
JUL 07	16.77	OCT 25	17.10	JAN 03, 1978	15.72	SEP 05	20.46
AUG 03	17.76	DEC 06	17.98	MAR 30	13.87	OCT 08	20.43
SEP 06	18.44	JAN 10, 1968	17.20	AUG 28	17.16	NOV 06	20.18
OCT 06	19.60	FEB 23	17.45	JAN 08, 1979	16.50	DEC 02	19.46
31	20.00	APR 05	17.76	MAR 09	13.66	JAN 06, 1986	18.74
DEC 06	20.85	MAY 21	17.65	MAY 07	15.15	FEB 03	18.50
JAN 05, 1962	20.15	JUN 26	17.30	JUL 12	15.94	MAR 04	17.73
FEB 08	19.13	AUG 12	18.65	JAN 08, 1980	16.63	APR 01	17.04
MAR 13	16.79	SEP 27	19.70	29	16.77	MAY 01	16.88
APR 04	15.90	NOV 08	19.52	MAR 17	17.28	JUN 02	17.80
MAY 02	15.18	DEC 19	18.17	APR 25	14.97	JUL 03	19.08
JUN 05	16.56	31	18.30	JUN 06	16.15	28	19.74
JUL 06	17.86	JAN 30, 1969	18.55	20	16.17	SEP 08	20.83

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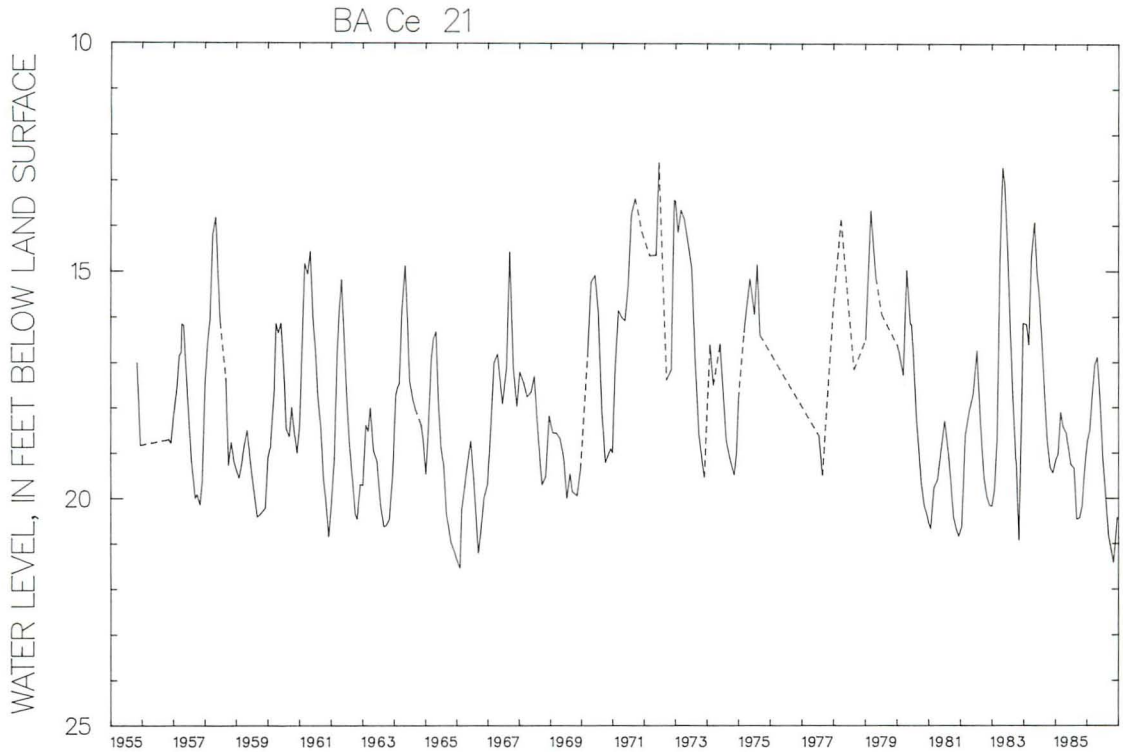
DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 06, 1986	21.42	DEC 17, 1986	20.43



WELL NUMBER.--BA Ea 18 SITE ID.--392045076512501 PERMIT NUMBER.--BA-01-8151
LOCATION.--Lat 39°20'45", long 76°51'25", Hydrologic Unit 02060003, at Granite.
Owner: Maryland National Guard.
AQUIFER.--Woodstock Granite.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 250 ft; casing diameter 10 in. with depth to 50.7 ft; casing diameter 6 in. with depth to 71.3 ft; open hole.
DATUM.--Altitude of land-surface datum is 491 ft. Measuring point: Top of casing, 1.5 ft above land-surface datum.
REMARKS.--Water level reported 24 ft below land-surface datum, Dec. 20, 1954.
PERIOD OF RECORD.-- November 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.94 ft below land-surface datum, June 24, 1972; lowest measured, 27.57 ft below land-surface datum, Sept. 13, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 09, 1956	25.36	AUG 01, 1962	22.89	MAR 14, 1969	23.55	SEP 02, 1977	22.97
DEC 03	25.64	SEP 06	23.73	APR 25	23.54	OCT 11	23.85
JAN 10, 1957	25.62	OCT 09	24.46	JUN 06	24.05	NOV 18	23.80
FEB 11	25.58	NOV 08	25.51	JUL 17	24.80	JAN 03, 1978	21.80
MAR 13	24.84	DEC 05	25.14	AUG 21	23.70	24	20.84
APR 01	25.31	JAN 07, 1963	25.14	SEP 25	25.06	FEB 23	19.98
11	23.79	FEB 15	24.56	NOV 06	24.99	MAR 30	18.86
MAY 02	23.22	MAR 08	24.45	DEC 17	24.44	MAY 03	19.18
JUN 03	23.09	APR 01	23.88	JAN 28, 1970	23.66	JUN 19	18.97
JUL 08	23.63	MAY 08	24.03	MAR 09	23.76	JUL 25	18.70
30	24.20	JUN 06	24.12	APR 22	23.82	SEP 08	19.49
SEP 13	25.27	JUL 01	24.58	JUN 10	22.01	OCT 18	20.63
OCT 02	25.37	31	25.24	JUL 16	21.90	DEC 05	21.47
31	25.69	SEP 04	25.79	AUG 26	24.02	JAN 08, 1979	20.52
NOV 27	26.07	OCT 01	26.10	OCT 07	24.49	MAR 14	18.31
DEC 23	25.59	DEC 17	26.67	NOV 19	23.87	MAY 04	18.80
JAN 24, 1958	24.75	JAN 22, 1964	26.12	DEC 17	24.60	JUN 20	18.83
FEB 26	24.68	FEB 06	25.95	JAN 27, 1971	23.98	JUL 20	19.38
MAR 31	22.14	MAR 03	25.69	MAR 11	22.92	SEP 05	19.46
APR 24	20.43	APR 01	25.38	APR 14	23.61	OCT 11	16.32
MAY 28	19.28	MAY 08	22.91	MAY 17	24.36	NOV 27	16.77
JUN 26	19.68	JUN 03	22.65	JUN 23	23.75	DEC 13	17.30
JUL 18	19.83	30	22.92	AUG 12	22.83	JAN 02, 1980	18.38
AUG 06	20.30	AUG 07	23.66	SEP 27	19.94	25	18.05
20	20.61	SEP 03	23.90	OCT 27	18.95	MAR 06	19.21
OCT 07	21.70	OCT 13	24.12	JAN 03, 1972	16.69	APR 16	17.82
NOV 05	22.35	NOV 11	24.30	MAY 03	16.10	MAY 29	17.46
DEC 10	23.10	DEC 04	26.27	JUN 24	13.94	JUL 10	18.55
JAN 06, 1959	23.45	JAN 05, 1965	26.49	OCT 06	18.43	AUG 21	19.90
FEB 02	23.83	FEB 02	26.17	NOV 02	18.93	OCT 08	21.43
MAR 02	23.89	MAR 10	25.15	JAN 02, 1973	16.99	NOV 20	22.55
30	23.92	APR 02	24.89	FEB 01	16.68	DEC 08	22.84
MAY 07	23.98	MAY 04	24.57	APR 09	15.35	JAN 05, 1981	23.52
JUN 01	24.26	JUN 01	25.38	MAY 31	15.55	20	23.82
JUL 02	24.69	JUL 02	24.14	JUL 12	17.00	MAR 09	23.64
AUG 03	24.98	AUG 02	24.64	AUG 21	18.67	APR 20	23.69
31	25.30	SEP 03	25.08	NOV 13	21.00	MAY 27	23.85
OCT 02	25.64	28	25.39	JAN 08, 1974	20.94	JUL 01	22.28
NOV 02	25.95	OCT 29	26.04	FEB 06	20.23	AUG 17	22.01
DEC 03	26.12	DEC 08	26.68	MAR 18	20.35	NOV 13	23.84
JAN 04, 1960	25.64	JAN 06, 1966	27.08	APR 30	19.39	JAN 04, 1982	24.45
FEB 01	25.15	FEB 10	27.48	JUN 03	19.63	MAR 03	23.50
MAR 14	24.00	MAR 04	26.67	JUL 03	20.31	APR 19	22.69
APR 11	22.60	APR 11	26.57	AUG 20	21.59	JUN 09	22.14
MAY 02	22.17	27	26.39	SEP 23	21.55	JUL 08	21.94
JUN 02	21.84	JUN 17	26.02	NOV 14	22.06	AUG 24	22.44
AUG 01	22.36	AUG 15	26.95	DEC 06	21.99	OCT 05	23.43
SEP 07	22.61	SEP 13	27.57	JAN 02, 1975	21.20	NOV 03	24.03
OCT 06	22.15	19	27.45	MAR 04	19.60	DEC 06	24.56
NOV 01	22.46	OCT 11	27.31	APR 07	18.51	JAN 05, 1983	24.95
DEC 05	23.15	NOV 18	27.42	MAY 21	17.90	FEB 01	25.06
JAN 04, 1961	23.27	DEC 28	27.48	JUN 17	17.96	MAR 03	24.28
FEB 02	23.07	FEB 03, 1967	26.81	JUL 29	18.24	APR 01	22.00
MAR 01	21.29	MAR 14	25.70	SEP 12	19.20	MAY 09	18.54
APR 03	20.07	APR 25	24.52	DEC 05	17.65	JUN 01	17.50
MAY 03	19.31	JUN 20	24.09	29	18.10	JUL 07	18.11
JUN 05	19.62	AUG 08	24.57	MAR 08, 1976	17.59	AUG 01	19.03
29	20.00	SEP 18	24.10	30	17.93	SEP 01	20.05
AUG 02	20.92	OCT 26	24.57	MAY 11	18.57	OCT 06	22.00
SEP 05	21.80	DEC 11	24.90	JUN 27	19.51	NOV 10	21.72
OCT 05	22.59	JAN 12, 1968	24.90	JUL 13	19.63	DEC 09	21.26
30	23.27	FEB 26	24.10	AUG 20	20.69	27	19.59
DEC 07	24.14	APR 09	23.46	OCT 15	21.20	FEB 01, 1984	19.79
JAN 04, 1962	24.60	MAY 22	23.65	NOV 30	20.80	MAR 06	19.38
FEB 07	24.84	JUN 28	23.50	JAN 05, 1977	22.26	APR 02	17.71
MAR 05	24.27	AUG 14	23.96	FEB 16	22.32	MAY 02	16.35
APR 02	22.70	SEP 25	24.06	MAR 30	21.86	JUN 05	17.40
MAY 01	21.82	NOV 13	24.33	MAY 11	20.85	JUL 13	17.74
JUN 06	21.73	DEC 19	23.68	JUN 21	21.48	AUG 06	18.26
JUL 03	22.24	JAN 31, 1969	23.75	JUL 22	22.27	31	18.37

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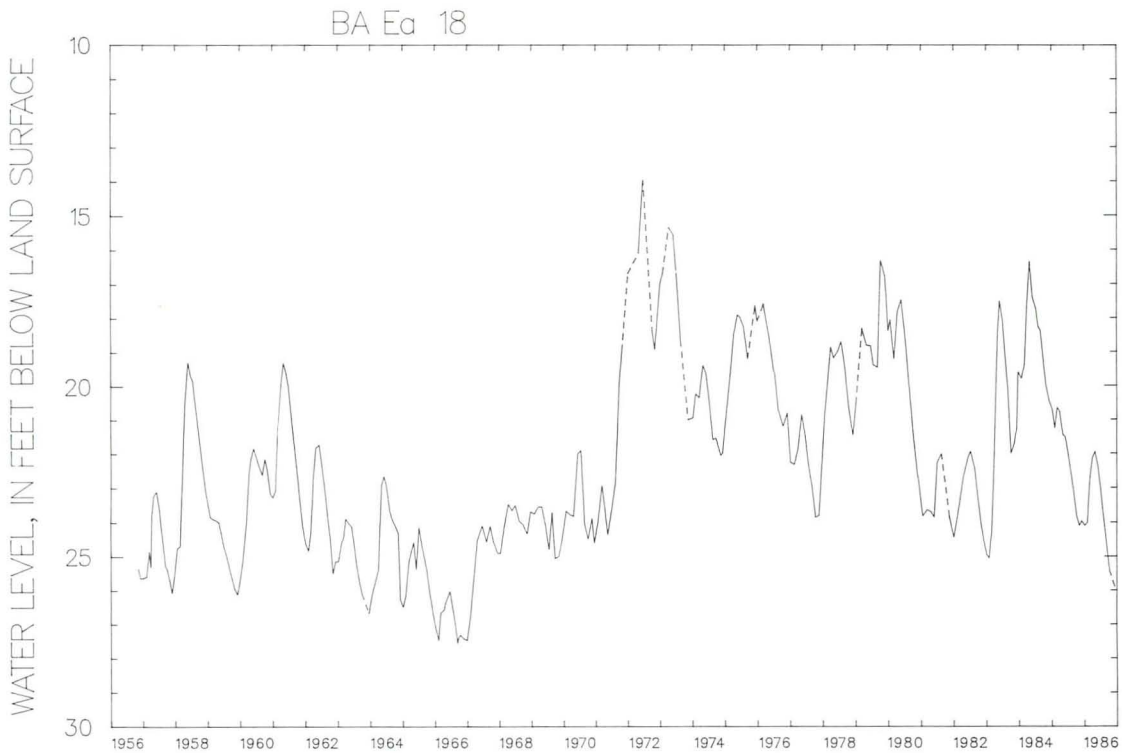
BA Ea 18

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08, 1984	19.40	MAY 07, 1985	21.45	DEC 02, 1985	23.96	JUL 03, 1986	23.05
NOV 02	20.00	JUN 03	21.52	JAN 06, 1986	24.10	29	23.72
DEC 05	20.46	JUL 03	22.00	FEB 04	24.01	SEP 12	24.75
JAN 08, 1985	20.71	AUG 07	22.58	MAR 04	22.75	OCT 10	25.42
FEB 06	21.26	SEP 05	23.14	APR 02	22.13	DEC 17	25.98
MAR 05	20.65	OCT 09	23.83	MAY 02	21.95		
APR 02	20.77	NOV 07	24.11	JUN 03	22.37		



WELL NUMBER.--BA Ec 43 SITE ID.--392305076432001

LOCATION.--Lat 39°23'05", long 76°43'20", Hydrologic Unit 02060003, nr Pikesville at Druid Ridge Cemetery. Owner: Druid Ridge Cemetery.

AQUIFER.--Baltimore Gneiss.

WELL CHARACTERISTICS.--Drilled unused water-table well, depth 111 ft; casing diameter 6 in. with depth to 40 ft; open hole.

DATUM.--Altitude of land-surface datum is 500 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.

PERIOD OF RECORD.--March 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.27 ft below land-surface datum, June 24, 1972; lowest measured, 4.69 ft below land-surface datum, Nov. 11, 1964.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 15, 1956	2.64	JAN 04, 1962	3.48	DEC 30, 1967	2.78	AUG 08, 1975	2.60
APR 03	2.87	FEB 08	3.39	JAN 12, 1968	3.00	SEP 15	2.87
MAY 02	3.10	MAR 05	3.03	FEB 26	3.06	30	1.80
JUN 03	3.11	11	2.95	APR 09	2.85	NOV 05	2.27
26	3.48	APR 04	2.72	MAY 22	3.26	DEC 12	2.51
AUG 10	3.37	28	2.91	JUN 28	3.10	29	2.51
SEP 08	3.58	JUN 02	3.25	AUG 14	3.68	FEB 24, 1976	2.30
14	3.70	JUL 08	3.58	SEP 27	3.45	APR 05	2.38
OCT 02	3.60	AUG 01	3.67	NOV 08	3.20	MAY 10	2.76
NOV 06	3.26	SEP 06	3.90	DEC 19	2.97	JUL 01	3.07
DEC 04	3.48	29	3.86	31	3.02	AUG 20	3.32
JAN 03, 1957	3.32	OCT 31	3.71	JAN 31, 1969	3.09	OCT 14	2.71
FEB 12	3.01	DEC 05	3.47	MAR 14	4.05	NOV 17	2.65
MAR 10	2.85	JAN 04, 1963	3.48	APR 25	3.56	JAN 05, 1977	2.92
APR 02	2.75	26	3.32	JUN 06	3.80	FEB 16	2.92
MAY 01	3.14	FEB 15	3.27	JUL 17	4.17	MAR 29	2.63
JUN 04	3.45	MAR 21	2.86	SEP 03	3.74	MAY 09	2.77
JUL 08	3.84	31	3.08	26	3.65	JUN 23	3.27
27	4.00	MAY 07	3.40	NOV 06	3.74	JUL 20	3.35
SEP 12	3.91	JUN 06	3.10	DEC 17	3.45	SEP 02	3.67
OCT 03	3.90	JUL 01	3.76	JAN 28, 1970	3.11	OCT 11	3.62
NOV 08	3.72	31	4.14	MAR 09	3.04	NOV 18	3.12
DEC 03	3.66	SEP 05	4.17	APR 22	3.53	JAN 03, 1978	2.67
JAN 03, 1958	3.21	OCT 02	3.96	JUN 11	3.24	24	2.43
FEB 06	3.09	NOV 08	3.54	JUL 13	3.30	FEB 23	2.63
MAR 04	2.75	DEC 16	3.56	AUG 26	3.14	MAR 24	2.32
APR 02	2.34	JAN 22, 1964	3.11	OCT 07	3.79	MAY 01	2.60
MAY 06	2.33	FEB 06	3.00	NOV 20	3.26	JUL 25	2.73
JUN 03	3.02	MAR 03	3.06	DEC 21	3.30	SEP 07	2.86
30	3.14	APR 01	2.91	JAN 27, 1971	3.12	OCT 18	2.98
AUG 05	3.28	MAY 08	2.87	MAR 08	2.57	DEC 06	2.74
SEP 03	3.42	JUN 03	3.19	APR 14	2.94	JAN 08, 1979	2.01
OCT 03	3.45	30	4.59	MAY 17	3.29	MAR 05	1.55
NOV 03	3.22	AUG 07	3.85	JUN 23	2.54	APR 30	2.34
30	3.34	SEP 03	4.36	AUG 05	2.65	JUN 06	2.27
JAN 05, 1959	3.34	OCT 13	4.60	11	1.83	JUL 20	2.80
FEB 03	3.42	NOV 11	4.69	SEP 20	2.65	SEP 04	2.65
MAR 02	3.30	DEC 04	4.67	OCT 19	2.59	OCT 09	1.85
30	3.20	JAN 05, 1965	3.42	DEC 06	2.20	NOV 21	2.09
MAY 07	3.40	FEB 02	3.16	JAN 03, 1972	2.40	DEC 13	2.18
JUL 01	3.95	MAR 10	2.87	MAR 07	2.16	JAN 02, 1980	2.42
AUG 04	3.98	APR 02	2.62	APR 20	2.11	28	2.38
SEP 01	3.75	MAY 04	2.50	JUN 16	2.80	MAR 07	2.54
OCT 04	3.82	JUN 01	2.32	24	1.27	APR 17	2.23
NOV 06	3.61	JUL 02	3.78	SEP 12	2.92	MAY 27	2.38
DEC 04	3.54	30	3.65	NOV 06	2.85	JUL 08	2.78
JAN 05, 1960	3.25	SEP 03	3.84	DEC 18	2.10	AUG 18	3.18
29	3.27	28	3.99	JAN 30, 1973	2.07	OCT 07	3.41
MAR 15	3.15	OCT 29	3.70	MAR 08	2.08	NOV 20	3.18
APR 07	2.50	DEC 08	3.65	APR 12	1.82	DEC 10	3.22
MAY 03	3.12	JAN 06, 1966	3.42	MAY 30	2.07	JAN 05, 1981	3.34
JUN 03	3.09	FEB 10	3.60	JUL 05	2.50	20	3.36
JUL 06	3.51	MAR 04	2.98	AUG 20	3.05	MAR 09	2.85
AUG 02	3.57	APR 08	3.29	OCT 03	2.95	APR 13	2.89
SEP 06	3.70	27	3.14	NOV 19	3.02	MAY 26	3.07
OCT 05	3.34	JUN 17	3.51	DEC 26	2.32	JUL 07	2.63
29	3.34	JUL 19	4.05	JAN 31, 1974	2.54	AUG 18	3.16
NOV 27	3.40	SEP 13	4.44	MAR 06	2.71	OCT 07	3.29
JAN 05, 1961	3.24	19	4.02	APR 19	2.45	NOV 13	3.20
FEB 19	2.69	OCT 11	3.67	MAY 31	2.80	JAN 04, 1982	2.61
MAR 02	2.63	NOV 18	3.45	JUL 10	3.15	MAR 01	2.72
APR 03	2.68	DEC 28	3.33	AUG 16	3.48	APR 12	2.75
MAY 03	2.70	FEB 02, 1967	3.14	SEP 24	3.20	JUN 09	2.68
JUN 06	3.15	MAR 14	2.66	NOV 01	3.13	JUL 14	2.81
29	3.26	APR 25	3.06	DEC 13	2.79	OCT 05	3.14
AUG 02	3.60	JUN 20	3.50	JAN 02, 1975	2.76	NOV 03	3.08
SEP 05	3.92	AUG 07	3.31	MAR 07	2.54	26	3.11
OCT 08	3.80	SEP 18	3.07	APR 23	2.58	JAN 03, 1983	3.06
30	3.65	OCT 26	3.10	MAY 16	2.40	FEB 01	2.93
DEC 03	3.53	DEC 06	2.99	JUL 01	2.71	MAR 01	2.57

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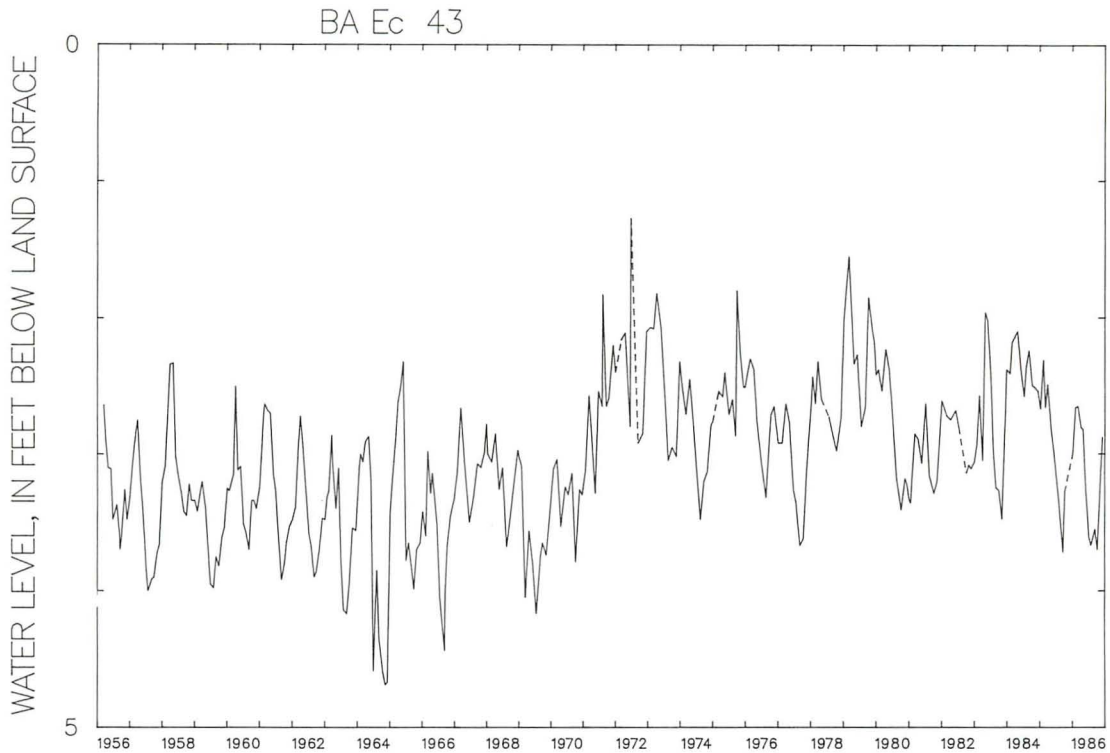
BA Ec 43

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 05, 1983	3.05	MAY 02, 1984	2.10	APR 02, 1985	2.49	JUN 03, 1986	3.27
MAY 05	1.96	JUN 07	2.38	MAY 10	2.82	JUL 07	3.61
JUN 01	2.02	JUL 13	2.58	JUN 14	3.01	29	3.67
JUL 06	2.40	AUG 06	2.36	AUG 01	3.32	SEP 12	3.55
AUG 04	2.98	SEP 05	2.24	SEP 18	3.72	OCT 09	3.70
SEP 02	3.25	OCT 12	2.50	OCT 10	3.28	NOV 06	3.29
OCT 05	3.27	NOV 02	2.51	JAN 06, 1986	3.00	DEC 04	2.88
NOV 09	3.48	DEC 13	2.54	FEB 05	2.66		
DEC 30	2.38	JAN 11, 1985	2.67	MAR 05	2.65		
FEB 07, 1984	2.41	FEB 14	2.31	APR 11	2.81		
MAR 01	2.18	MAR 07	2.66	MAY 02	2.82		



WELL NUMBER.--BA Ff 34 SITE ID.--391715076253301

LOCATION.--Lat 39°17'15", long 76°25'33", Hydrologic Unit 02060003, at Back River Elementary School on Back River Neck. Owner: Baltimore County Board of Education.

AQUIFER.--Patuxent Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 341.5 ft; casing diameter 8 in. with depth to 205 ft; casing diameter 6 in. from 186 to 332 ft; screen diameter 6 in. from 331 to 341 ft.

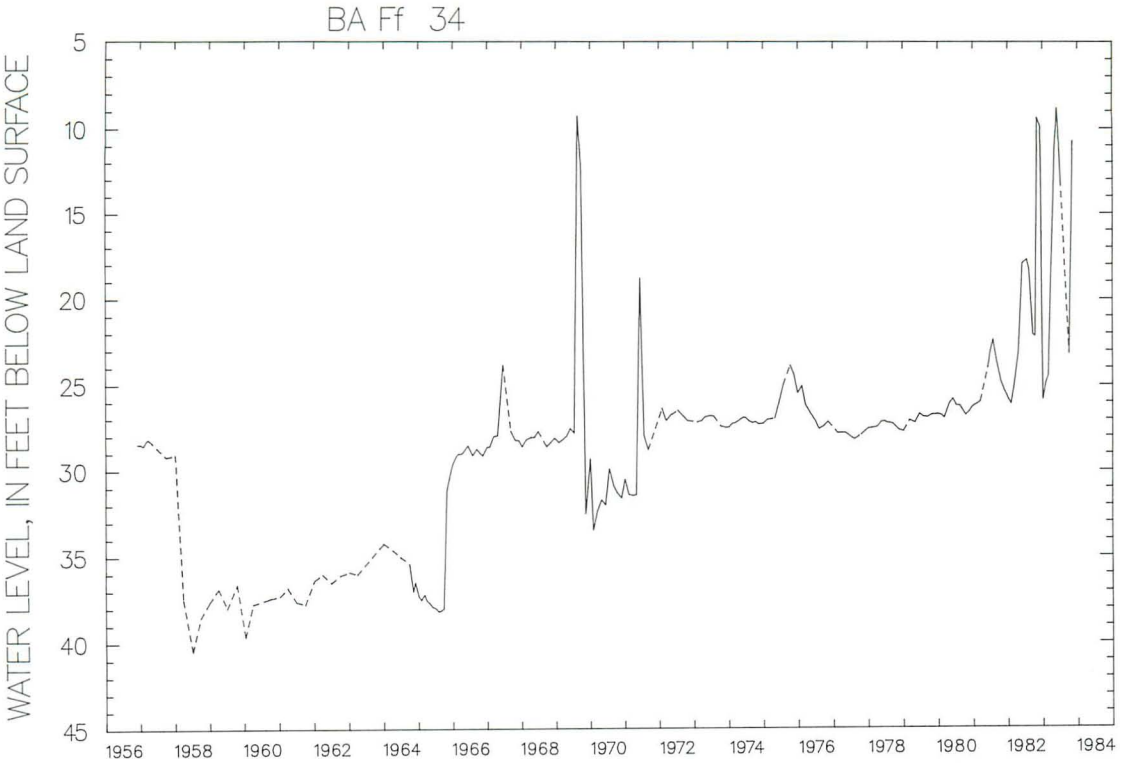
DATUM.--Altitude of land-surface datum is 25 ft. Measuring point: Top of casing, 7.0 ft below land-surface datum.

REMARKS.--Water level reported 47 ft below land surface datum, May 31, 1943; water level measured 42.26 ft below land-surface datum, Jan. 25, 1946; school closed in 1983, discontinued as an observation well.

PERIOD OF RECORD.--December 1956 to November 1983.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.83 ft below land-surface datum, June 3, 1983; lowest measured, 42.26 ft below land-surface datum, Jan. 25, 1946.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 07, 1956	28.45	JUN 15, 1966	28.52	OCT 26, 1972	27.08	JAN 05, 1979	27.72
JAN 02, 1957	28.45	AUG 03	29.10	FEB 05, 1973	27.17	MAR 09	27.06
FEB 04	28.53	SEP 15	28.72	MAR 27	27.08	MAY 04	27.22
MAR 11	28.20	OCT 12	28.90	APR 30	26.87	JUN 21	26.69
APR 01	28.17	NOV 17	29.12	JUN 19	26.80	JUL 27	26.85
SEP 30	29.17	JAN 03, 1967	28.61	JUL 30	26.83	SEP 11	26.90
JAN 06, 1958	29.06	31	28.59	OCT 12	27.42	OCT 26	26.74
MAR 31	37.48	MAR 15	28.00	DEC 03	27.50	JAN 02, 1980	26.71
JUL 07	40.44	APR 24	27.93	JAN 07, 1974	27.48	FEB 01	26.75
SEP 29	38.50	JUN 22	23.82	FEB 05	27.28	MAR 07	26.93
DEC 29	37.64	SEP 12	27.69	MAR 18	27.20	APR 29	26.09
APR 06, 1959	36.84	OCT 27	28.20	MAY 01	27.03	JUN 05	25.82
JUL 06	37.97	DEC 07	28.24	JUN 06	26.90	JUL 10	26.20
OCT 19	36.62	JAN 11, 1968	28.59	JUL 01	26.92	AUG 14	26.22
JAN 14, 1960	39.62	FEB 21	28.20	AUG 02	27.10	OCT 15	26.77
APR 04	37.74	APR 10	28.05	SEP 06	27.22	NOV 26	26.54
OCT 03	37.41	MAY 20	28.05	OCT 10	27.16	DEC 18	26.33
JAN 11, 1961	37.28	JUN 27	27.70	NOV 13	27.29	JAN 06, 1981	26.23
APR 03	36.81	SEP 27	28.58	DEC 30	27.26	FEB 09	26.12
JUL 03	37.62	NOV 06	28.36	FEB 11, 1975	27.03	MAR 19	25.97
OCT 02	37.76	DEC 19	28.09	MAY 02	26.95	JUN 09	23.93
JAN 08, 1962	36.35	FEB 03, 1969	28.35	JUN 12	26.09	JUL 02	23.05
APR 02	36.02	MAR 13	28.20	JUL 30	24.99	31	22.36
JUL 02	36.51	APR 28	27.98	OCT 10	23.87	SEP 11	23.74
OCT 08	36.06	JUN 05	27.53	NOV 19	24.40	OCT 23	24.84
JAN 07, 1963	35.88	JUL 17	27.80	DEC 29	25.48	NOV 24	25.30
APR 01	36.02	AUG 25	9.25	FEB 10, 1976	25.06	JAN 07, 1982	25.85
JAN 03, 1964	34.22	SEP 29	12.09	MAR 18	26.16	FEB 05	26.11
APR 06	34.61	NOV 17	32.52	MAY 06	26.63	MAR 09	25.06
JUN 29	35.01	JAN 05, 1970	29.30	JUL 02	27.13	APR 23	23.07
SEP 29	35.42	FEB 05	33.45	AUG 06	27.58	JUN 03	17.93
NOV 10	37.01	MAR 18	32.39	SEP 27	27.41	JUL 20	17.71
DEC 01	36.48	MAY 04	31.69	NOV 08	27.15	AUG 12	18.30
JAN 06, 1965	37.26	JUN 15	31.99	FEB 18, 1977	27.82	SEP 21	22.07
FEB 01	37.50	JUL 24	29.88	APR 12	27.80	OCT 15	22.18
MAR 09	37.18	SEP 09	30.88	MAY 13	27.82	NOV 03	9.39
APR 01	37.53	OCT 15	31.28	JUL 11	28.07	DEC 06	9.90
MAY 03	37.70	NOV 30	31.59	AUG 12	28.19	JAN 03, 1983	25.86
JUN 02	37.91	JAN 06, 1971	30.50	OCT 21	27.91	FEB 01	24.93
JUL 06	37.99	FEB 17	31.38	DEC 02	27.70	MAR 01	24.46
AUG 02	38.17	MAR 30	31.45	JAN 03, 1978	27.55	APR 05	17.12
30	38.12	MAY 05	31.40	FEB 10	27.51	MAY 05	11.10
SEP 29	37.99	JUN 17	18.78	APR 05	27.46	JUN 03	8.83
NOV 02	31.13	JUL 27	27.95	MAY 19	27.16	JUL 06	13.09
DEC 07	30.21	SEP 10	28.79	JUN 22	27.12	OCT 05	23.19
JAN 05, 1966	29.60	FEB 03, 1972	26.38	JUL 18	27.22	NOV 09	10.77
FEB 09	29.18	MAR 17	27.08	AUG 18	27.23		
MAR 02	29.02	MAY 05	26.75	SEP 15	27.27		
APR 07	29.00	JUL 19	26.49	OCT 13	27.43		
27	28.90	SEP 12	26.82	NOV 17	27.64		


BA Ff 34
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1978
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1982
1984

WELL NUMBER.--BA Gf 168 SITE ID.--391257076282501
LOCATION.--Lat 39°12'57", long 76°28'25", Hydrologic Unit 02060003, at Sparrows Point.
Owner: Bethlehem Steel Co.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 308 ft; casing diameter 10 to 6 in., casing depth 283 ft; screened from 283 to 304 ft.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing, 0.6 ft above land-surface datum.
PERIOD OF RECORD.--September 1943 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.01 ft below land-surface datum, July 6, 1983; lowest measured, 109.54 ft below land-surface datum, July 18, 1955.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 08, 1943	54.49	SEP 21, 1955	108.06	AUG 28, 1961	76.01	JUN 27, 1968	31.15
OCT 07	56.40	OCT 19	109.51	OCT 02	95.05	AUG 13	76.00
NOV 03	53.59	NOV 16	87.25	30	53.31	15	72.35
DEC 02	60.62	JAN 03, 1956	83.13	DEC 04	52.62	SEP 27	63.55
JAN 08, 1944	55.77	30	82.09	JAN 08, 1962	40.34	NOV 06	37.93
FEB 05	59.04	FEB 27	83.62	FEB 05	38.30	DEC 19	33.16
MAR 11	64.78	APR 02	81.36	MAR 05	38.21	FEB 03, 1969	31.10
APR 15	55.13	30	83.52	APR 02	34.77	MAR 13	31.59
MAY 09	67.85	JUN 04	100.06	27	52.97	APR 28	30.50
JUN 13	78.90	JUL 09	75.36	JUN 04	54.26	JUN 05	60.22
JUL 13	71.62	30	74.39	JUL 02	54.50	JUL 17	64.92
OCT 16, 1945	56.20	SEP 10	101.31	31	66.29	AUG 25	63.68
SEP 23, 1946	59.60	OCT 01	102.45	SEP 11	65.18	SEP 29	53.10
NOV 05	66.17	29	89.47	OCT 08	54.86	NOV 17	33.74
MAR 12, 1947	83.60	DEC 03	84.49	NOV 10	54.37	JAN 05, 1970	32.13
22	59.33	JAN 02, 1957	84.27	DEC 10	48.56	FEB 05	33.76
APR 01, 1948	54.97	FEB 04	84.90	JAN 07, 1963	45.09	MAR 18	36.32
08	58.32	MAR 11	80.49	FEB 12	48.74	MAY 04	33.89
MAY 07	64.49	APR 01	78.53	MAR 04	47.99	JUN 15	35.30
14	58.94	29	76.03	APR 01	47.47	JUL 24	52.31
JUN 01	69.19	JUN 10	79.09	29	33.69	SEP 09	34.59
22	72.39	JUL 03	104.66	JUN 07	45.23	OCT 15	41.94
JUL 01	74.80	AUG 05	101.46	SEP 09	50.00	NOV 30	37.23
FEB 02, 1949	56.80	SEP 10	104.28	DEC 09	51.29	JAN 06, 1971	47.54
MAR 11	54.63	30	104.43	JAN 03, 1964	52.16	FEB 17	46.83
APR 12	49.40	NOV 12	86.52	FEB 05	50.57	MAR 30	24.00
MAY 18	67.58	DEC 02	80.96	MAR 05	49.25	MAY 05	23.84
JUN 23	75.00	JAN 06, 1958	75.05	APR 06	51.92	JUN 17	23.30
JUL 29	91.24	FEB 07	76.85	MAY 05	39.99	JUL 27	22.84
AUG 30	81.00	MAR 03	71.20	JUN 02	75.24	SEP 10	18.65
OCT 28	48.83	31	69.48	29	81.79	NOV 10	13.38
NOV 28	53.14	MAY 05	78.20	AUG 06	81.57	DEC 22	13.05
DEC 30	53.10	JUN 02	102.32	SEP 04	88.31	FEB 03, 1972	12.07
FEB 02, 1950	52.53	JUL 07	104.38	29	90.64	MAR 17	11.52
27	56.59	AUG 04	99.06	NOV 10	92.21	MAY 05	11.45
APR 05	60.42	SEP 02	102.10	DEC 01	62.38	JUL 06	10.90
28	59.97	29	104.08	JAN 06, 1965	62.99	SEP 12	11.49
MAY 25	60.39	NOV 03	87.44	FEB 01	72.51	OCT 26	11.58
JUN 26	48.54	DEC 01	86.97	MAR 09	35.58	DEC 29	10.80
JUL 26	54.69	29	83.54	APR 01	53.79	FEB 05, 1973	11.89
SEP 29	90.06	FEB 02, 1959	89.07	MAY 03	59.04	MAR 27	11.61
OCT 31	77.09	MAR 02	91.35	JUN 02	84.36	APR 30	11.75
DEC 07	69.93	30	91.16	JUL 06	87.10	JUN 19	11.64
28	75.13	MAY 04	87.40	AUG 02	89.04	JUL 30	11.58
MAY 21, 1951	74.72	JUN 01	109.19	SEP 14	65.41	OCT 12	11.78
JUL 11	91.20	JUL 06	91.54	29	58.79	DEC 03	12.03
AUG 15	95.01	AUG 03	79.83	NOV 02	39.89	JAN 07, 1974	11.75
SEP 20	99.50	SEP 08	77.27	DEC 07	35.45	FEB 05	12.03
NOV 05	81.10	OCT 19	72.75	JAN 05, 1966	33.05	MAR 18	12.20
DEC 03	74.74	NOV 05	73.02	FEB 09	32.20	MAY 01	12.00
JAN 03, 1952	76.78	JAN 04, 1960	73.28	MAR 02	47.90	JUN 06	11.71
FEB 14	69.71	FEB 01	85.26	APR 07	33.73	JUL 01	11.58
APR 01	76.26	29	72.23	28	46.16	AUG 02	11.63
MAY 01	74.57	APR 04	70.46	AUG 03	69.14	SEP 06	11.65
JUN 02	79.90	MAY 06	74.30	SEP 15	69.30	OCT 10	11.41
JUL 17	64.51	JUN 03	75.62	OCT 12	57.79	NOV 13	11.29
OCT 06	84.13	JUL 08	77.29	NOV 16	35.05	DEC 30	11.65
NOV 24	85.56	AUG 01	95.28	DEC 29	30.72	FEB 11, 1975	11.67
DEC 30	82.20	SEP 13	90.79	JAN 31, 1967	30.26	MAR 26	11.94
JAN 26, 1953	82.40	OCT 03	91.27	MAR 15	28.90	MAY 02	11.90
MAR 30	76.28	NOV 07	65.49	APR 24	28.33	JUN 12	11.16
JUN 12	100.40	DEC 05	63.37	JUN 21	72.67	JUL 30	11.49
NOV 09	86.77	JAN 11, 1961	44.53	AUG 08	71.95	OCT 10	10.86
DEC 23	81.13	31	43.45	SEP 12	69.78	NOV 19	11.17
FEB 04, 1954	81.85	MAR 01	42.58	OCT 27	38.37	DEC 29	11.34
MAR 17	80.54	APR 03	46.68	DEC 07	32.10	FEB 10, 1976	11.38
SEP 08	98.73	MAY 03	60.93	JAN 11, 1968	29.15	MAR 18	11.39
DEC 28	90.92	29	65.17	FEB 21	28.10	MAY 06	11.44
FEB 14, 1955	90.08	JUL 03	71.73	APR 10	29.14	JUL 02	11.64
JUL 18	109.54	AUG 01	66.96	MAY 20	24.55	AUG 06	11.29

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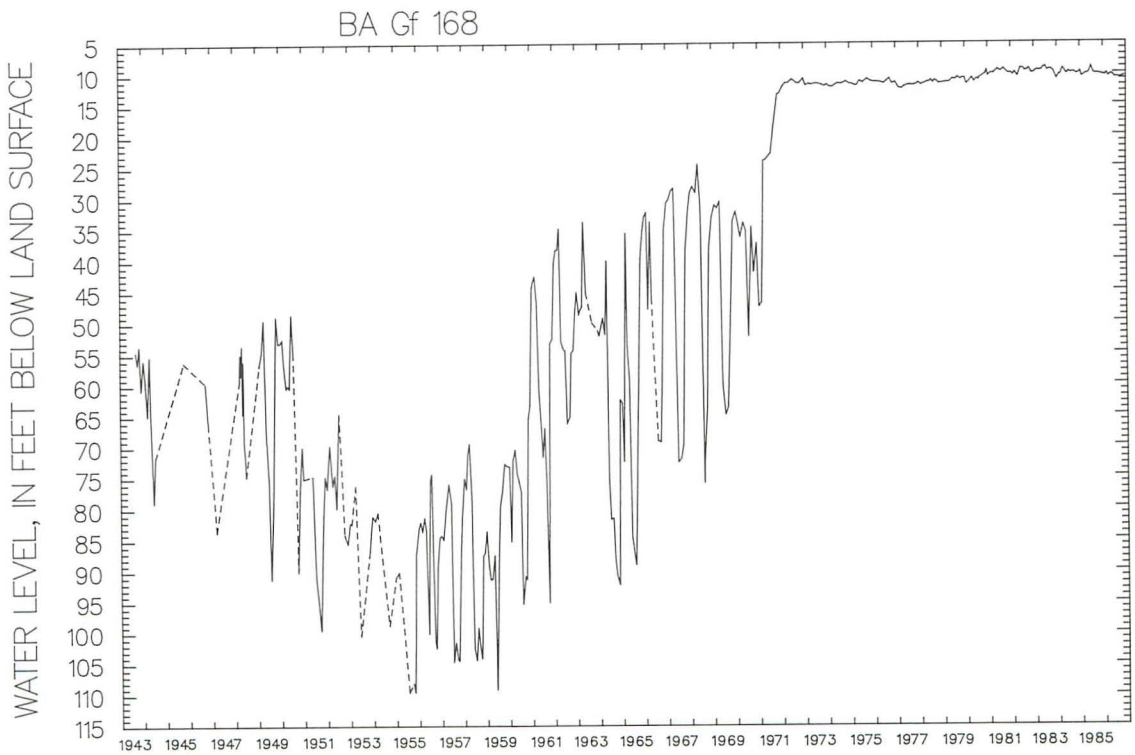
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 27, 1976	10.80	OCT 26, 1979	11.00	APR 23, 1982	10.60	OCT 02, 1984	9.92
NOV 08	11.66	NOV 23	10.80	JUN 03	9.28	NOV 07	10.22
DEC 30	11.43	JAN 02, 1980	10.78	JUL 20	9.28	DEC 04	10.17
FEB 18, 1977	12.36	FEB 01	11.79	AUG 12	9.67	JAN 07, 1985	9.81
APR 12	12.50	MAR 07	11.42	SEP 21	9.60	FEB 04	10.67
MAY 13	12.17	APR 29	10.75	OCT 15	9.28	MAR 28	10.26
JUL 11	11.92	JUN 05	11.43	NOV 03	9.55	MAY 03	10.18
AUG 12	11.90	JUL 10	10.94	26	10.05	30	9.93
OCT 21	11.93	AUG 13	11.09	JAN 03, 1983	10.01	JUL 01	9.02
DEC 02	11.74	14	10.89	FEB 01	9.68	AUG 05	10.09
30	11.52	OCT 15	10.42	MAR 01	9.56	SEP 06	10.20
FEB 10, 1978	11.86	NOV 26	10.15	APR 05	9.62	OCT 01	10.19
APR 05	11.64	DEC 18	9.50	MAY 05	9.56	JAN 02, 1986	10.37
MAY 19	11.41	JAN 06, 1981	10.52	JUN 03	9.14	FEB 05	10.46
JUN 22	11.38	FEB 09	10.11	JUL 06	9.01	MAR 03	10.14
JUL 18	11.09	MAR 19	10.03	AUG 03	9.62	APR 01	10.64
AUG 18	11.51	APR 02	10.10	SEP 02	9.46	MAY 09	10.31
SEP 15	11.14	20	9.90	OCT 05	9.44	JUN 04	10.37
OCT 13	11.29	JUN 09	9.40	NOV 09	9.79	JUL 08	10.82
NOV 17	11.66	JUL 02	9.60	DEC 30	11.02	30	10.75
JAN 05, 1979	11.57	31	9.73	FEB 07, 1984	10.32	SEP 03	10.83
MAR 09	11.48	SEP 11	9.30	MAR 01	10.27	OCT 09	10.83
MAY 04	11.45	OCT 23	9.77	APR 06	9.25	NOV 06	10.71
JUN 21	10.93	NOV 24	10.09	MAY 02	9.69	DEC 04	10.63
JUL 27	10.97	JAN 07, 1982	10.05	JUN 08	10.25		
AUG 20	10.94	FEB 05	10.35	JUL 05	9.82		
SEP 11	10.62	MAR 09	9.88	AUG 03	9.99		



WELL NUMBER.--BA Gf 169 SITE. ID.--391256076282501
LOCATION.--Lat 39°12'56", long 76°28'25", Hydrologic Unit 02060003, at Sparrows Point.
Owner: Bethlehem Steel Co.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 224 ft; casing diameter 10 to 6 in., cased to 202 ft; screened from 202 to 222 ft.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--August 1943 to September 1946, March 1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.76 ft below land-surface datum, Nov. 5, 1985; lowest measured, 85.19 ft below land-surface datum, Sept. 30, 1957.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 04, 1943	41.43	FEB 14, 1955	57.08	JUL 03, 1961	56.60	JUN 05, 1969	46.60
SEP 08	32.76	APR 29	64.99	AUG 01	53.62	JUL 17	50.61
OCT 07	33.20	JUL 18	81.11	28	60.02	AUG 25	50.42
NOV 03	31.33	SEP 21	80.64	OCT 02	65.81	SEP 29	31.14
DEC 02	34.11	OCT 19	79.27	30	40.42	NOV 17	22.90
JAN 08, 1944	30.44	NOV 16	57.97	DEC 04	34.49	JAN 05, 1970	21.54
FEB 05	33.64	JAN 03, 1956	53.82	JAN 08, 1962	28.74	FEB 05	27.32
MAR 11	37.25	30	54.13	FEB 05	26.47	MAR 18	26.90
APR 15	34.57	FEB 27	53.89	MAR 05	26.35	MAY 04	25.88
MAY 09	42.02	APR 02	53.45	APR 02	25.72	JUN 15	26.93
JUN 13	40.00	30	55.73	27	29.23	JUL 24	40.09
JUL 13	42.87	JUN 04	68.20	JUN 04	29.01	SEP 09	24.67
OCT 16, 1945	28.83	JUL 09	62.77	JUL 02	29.37	OCT 15	29.28
SEP 23, 1946	41.20	30	53.01	31	35.52	NOV 30	25.90
MAR 22, 1948	33.30	SEP 10	73.28	SEP 11	40.88	JAN 06, 1971	26.38
APR 01	31.78	OCT 01	76.54	OCT 08	32.75	FEB 17	26.05
08	32.19	29	60.08	NOV 10	32.52	MAR 30	17.82
MAY 07	29.45	DEC 03	56.10	DEC 10	27.41	MAY 05	17.46
14	33.56	JAN 02, 1957	59.54	JAN 07, 1963	26.56	JUN 17	17.16
JUN 01	43.21	FEB 04	56.23	FEB 12	23.25	JUL 27	16.85
22	55.93	MAR 11	53.10	MAR 04	27.24	SEP 10	15.06
JUL 01	47.15	APR 01	51.67	APR 01	26.98	NOV 10	13.12
FEB 02, 1949	24.52	29	54.23	29	21.80	DEC 22	12.70
MAR 11	34.22	JUN 10	54.92	JUN 07	25.61	FEB 03, 1972	11.63
APR 12	31.73	JUL 03	79.90	SEP 09	33.86	MAR 17	11.10
MAY 18	44.80	AUG 05	84.28	DEC 09	28.33	MAY 05	11.05
JUN 23	52.84	SEP 10	85.14	JAN 03, 1964	28.60	JUL 06	10.31
JUL 29	59.45	30	85.19	FEB 05	28.15	SEP 12	11.24
AUG 30	55.26	NOV 12	62.11	MAR 05	27.14	OCT 26	11.33
SEP 21	53.78	DEC 02	58.95	APR 06	27.70	DEC 29	11.39
OCT 28	25.39	JAN 06, 1958	55.36	MAY 05	25.55	FEB 03, 1973	11.52
NOV 28	31.45	FEB 07	55.34	JUN 02	51.39	MAR 27	11.24
DEC 30	28.43	MAR 03	48.44	29	56.24	APR 30	11.37
FEB 02, 1950	31.12	31	48.15	AUG 06	58.14	JUN 19	11.25
27	32.59	MAY 05	56.32	SEP 04	61.69	JUL 30	11.23
APR 05	33.13	JUN 02	69.56	29	63.51	OCT 12	11.36
28	29.66	JUL 07	74.76	NOV 10	65.96	DEC 03	11.72
MAY 25	33.99	AUG 04	82.35	DEC 01	43.43	JAN 07, 1974	11.50
JUN 26	77.34	SEP 02	74.62	JAN 06, 1965	48.70	FEB 05	11.72
JUL 26	83.19	29	80.12	FEB 01	56.52	MAR 18	11.98
SEP 29	64.54	NOV 03	66.36	MAR 09	24.25	MAY 01	11.72
DEC 07	43.11	DEC 01	59.79	APR 01	45.50	JUN 06	11.40
28	44.33	29	58.48	MAY 03	53.32	JUL 01	11.21
MAY 21, 1951	47.05	FEB 02, 1959	59.40	JUN 02	55.33	AUG 02	11.38
JUL 11	58.75	MAR 02	57.79	JUL 06	55.55	SEP 06	11.42
AUG 15	62.50	30	57.37	AUG 02	58.56	OCT 10	11.19
SEP 20	65.50	MAY 04	55.00	SEP 14	50.78	NOV 13	11.02
NOV 05	55.35	JUL 06	57.87	29	48.66	DEC 30	11.33
DEC 03	50.51	AUG 03	49.87	NOV 02	29.82	FEB 11, 1975	11.35
JAN 03, 1952	50.87	SEP 08	49.58	DEC 07	24.85	MAR 26	11.60
FEB 14	46.55	OCT 19	42.87	JAN 05, 1966	23.23	MAY 02	11.73
APR 01	50.64	NOV 05	47.12	FEB 09	22.36	JUN 12	11.80
MAY 01	49.19	JAN 04, 1960	43.12	MAR 02	25.59	JUL 30	11.23
JUN 02	56.50	FEB 01	44.12	APR 07	24.52	OCT 10	10.72
JUL 17	48.39	29	41.99	28	24.76	NOV 19	11.01
OCT 06	62.73	APR 04	41.14	SEP 12, 1967	56.10	DEC 29	11.39
NOV 24	49.21	MAY 06	43.14	OCT 27	29.82	FEB 10, 1976	11.43
DEC 30	53.30	JUN 03	43.71	DEC 07	22.00	MAR 18	11.50
JAN 26, 1953	52.44	JUL 08	44.48	JAN 11, 1968	19.50	MAY 06	11.21
MAR 30	47.69	AUG 01	66.17	FEB 21	19.99	JUL 02	11.34
JUN 12	69.81	SEP 13	62.94	APR 10	21.69	AUG 06	11.09
JUL 29	74.41	OCT 03	61.89	MAY 20	19.00	SEP 27	10.66
SEP 01	67.63	NOV 07	43.46	JUN 27	26.95	NOV 08	11.45
OCT 09	62.56	DEC 05	43.15	AUG 15	55.90	DEC 30	11.43
NOV 09	55.01	JAN 11, 1961	31.83	SEP 27	50.40	FEB 18, 1977	12.15
DEC 23	49.23	31	31.76	NOV 06	29.92	APR 12	12.06
FEB 04, 1954	47.78	MAR 01	29.62	DEC 19	25.22	MAY 13	11.88
MAR 17	47.63	APR 03	32.96	FEB 03, 1969	23.30	JUL 11	11.71
SEP 08	68.80	MAY 03	38.73	MAR 13	23.70	AUG 12	11.72
DEC 28	57.27	29	40.88	APR 28	22.80	OCT 21	11.76

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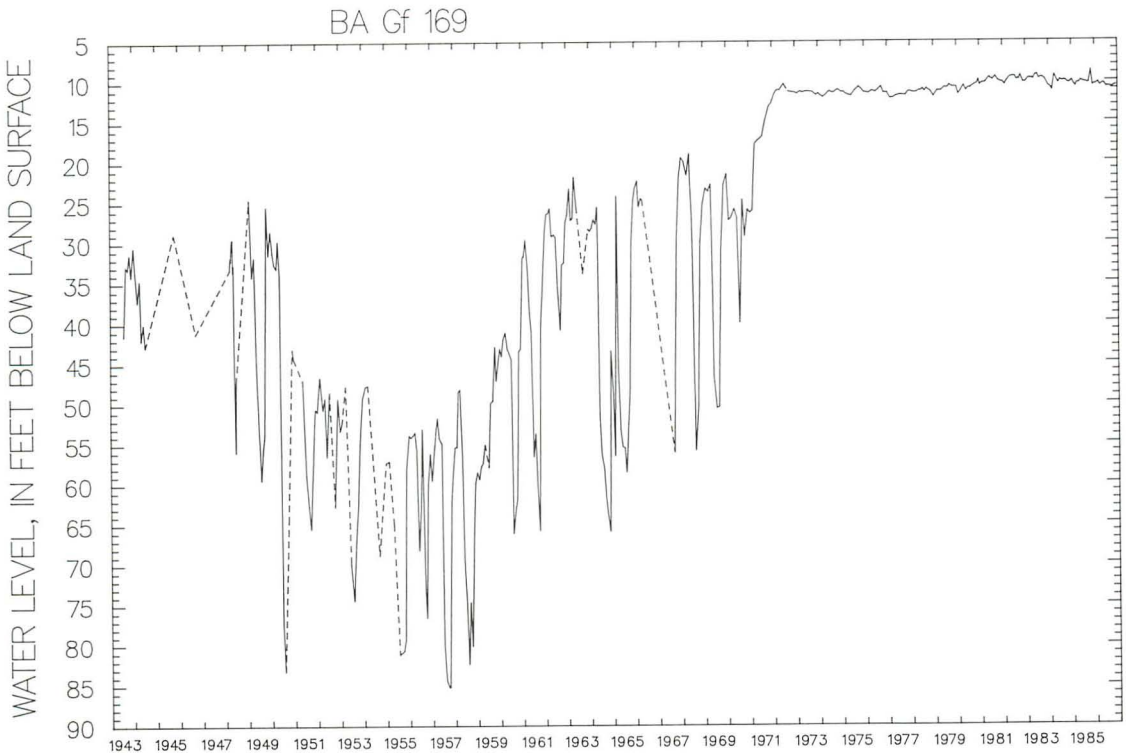
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 02, 1977	11.29	AUG 13, 1980	10.92	NOV 03, 1982	9.76	FEB 04, 1985	10.44
30	11.28	14	10.81	26	10.21	MAR 07	10.78
FEB 10, 1978	11.41	OCT 15	10.50	JAN 03, 1983	10.20	28	10.35
APR 05	11.40	NOV 26	10.32	FEB 01	9.87	MAY 03	10.33
MAY 19	11.19	DEC 18	9.84	MAR 01	9.72	30	10.04
JUN 22	11.16	JAN 06, 1981	10.54	APR 05	9.73	JUL 01	10.18
JUL 18	10.96	FEB 09	10.28	MAY 05	9.83	AUG 05	10.22
AUG 18	11.29	MAR 19	10.23	JUN 03	9.39	SEP 06	10.33
SEP 15	10.94	APR 02	10.25	JUL 06	9.24	OCT 01	10.32
OCT 13	11.13	20	10.04	AUG 03	9.76	NOV 05	8.76
NOV 17	11.28	JUN 09	9.58	SEP 02	9.67	DEC 03	10.66
JAN 05, 1979	11.95	JUL 02	9.78	OCT 05	9.63	JAN 02, 1986	10.50
MAR 09	11.22	31	9.89	NOV 09	9.92	FEB 05	10.40
MAY 04	11.22	SEP 11	9.48	DEC 30	10.66	MAR 03	10.26
JUN 21	10.82	OCT 23	9.98	FEB 07, 1984	10.92	APR 01	10.68
JUL 27	10.85	NOV 24	10.12	MAR 01	11.25	MAY 09	10.40
AUG 20	10.81	JAN 07, 1982	10.22	APR 06	9.30	JUN 04	10.44
SEP 11	10.51	FEB 05	10.51	MAY 02	9.80	JUL 08	10.86
OCT 26	10.75	MAR 09	10.07	JUN 08	10.36	30	10.78
NOV 23	10.74	APR 23	9.60	JUL 05	9.92	SEP 03	10.83
JAN 02, 1980	10.78	JUN 03	9.50	AUG 03	10.08	OCT 09	10.89
FEB 01	11.68	JUL 20	9.49	SEP 04	10.02	NOV 06	10.73
MAR 07	11.30	AUG 12	9.88	OCT 02	10.05	DEC 04	10.65
APR 29	10.58	SEP 07	9.81	NOV 07	10.31		
JUN 05	11.24	21	9.86	DEC 04	10.31		
JUL 10	10.87	OCT 15	9.33	JAN 07, 1985	10.00		



WELL NUMBER.--BA Gf 178 SITE ID.--391226076253401
LOCATION.--Lat 39°12'26", long 76°25'34", Hydrologic Unit 02060003, at former Bay Shore Park.
Owner: Bethlehem Steel Co.
AQUIFTER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 339.5 ft; casing diameter 8 in.; casing length and screen unknown.
DATUM.--Altitude of land-surface datum is 6 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--October 1945 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.32 ft below land-surface datum, April 16, 1984; lowest measured, 61.97 ft below land-surface datum, Dec. 2, 1957.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 22, 1945	13.64	DEC 03, 1956	52.12	APR 06, 1964	14.59	SEP 12, 1972	4.94
DEC 05, 1946	16.38	MAR 11, 1957	27.88	MAY 05	14.66	OCT 26	4.92
JAN 09, 1947	18.09	JUN 10	24.64	JUN 02	17.09	DEC 29	5.22
FEB 03	18.95	JUL 03	36.89	29	17.69	FEB 05, 1973	5.14
MAR 01	20.98	AUG 05	35.93	AUG 06	25.78	MAR 27	4.90
29	19.12	SEP 10	36.12	SEP 04	27.30	APR 30	5.20
MAY 10	18.88	30	36.33	29	27.50	JUN 19	4.91
JUN 20	19.42	NOV 12	35.74	NOV 10	27.86	JUL 30	4.75
JUL 21	20.25	DEC 02	61.97	DEC 01	19.39	OCT 12	4.94
AUG 25	21.55	JAN 06, 1958	29.54	JAN 06, 1965	21.82	DEC 03	5.17
DEC 16	17.33	FEB 07	31.27	FEB 01	21.51	JAN 07, 1974	5.10
FEB 19, 1948	18.54	MAR 03	57.38	MAR 09	20.47	FEB 05	5.38
26	18.35	MAY 05	47.64	APR 01	21.21	MAR 18	5.66
MAR 11	17.74	JUN 02	51.36	MAY 03	21.76	MAY 01	5.15
20	13.59	NOV 03	34.94	JUN 02	23.56	JUN 06	4.91
APR 01	16.95	MAR 30, 1959	33.36	JUL 06	24.24	JUL 01	4.71
08	13.60	MAY 04	33.57	AUG 02	24.50	AUG 02	5.12
MAY 07	15.37	JUN 01	33.50	31	23.10	SEP 06	5.14
JUN 01	19.14	JUL 06	33.99	SEP 29	22.08	OCT 10	4.48
22	22.85	SEP 08	33.47	15	23.58	NOV 13	4.12
JUL 29	24.32	OCT 19	33.12	OCT 12, 1966	22.04	DEC 30	4.95
AUG 12	23.53	NOV 05	32.57	NOV 16	15.43	FEB 11, 1975	4.78
OCT 15	23.39	JAN 04, 1960	32.19	JAN 03, 1967	11.46	MAR 26	5.33
JAN 21, 1949	17.90	FEB 01	22.22	31	10.98	MAY 02	5.39
MAR 11	18.00	29	21.77	MAR 15	9.67	JUN 12	4.28
APR 12	17.72	APR 04	20.82	APR 24	10.26	JUL 30	5.03
MAY 18	19.61	13	20.76	JUN 21	18.08	OCT 10	4.36
JUN 23	24.55	MAY 06	21.87	AUG 08	23.10	NOV 19	4.67
JUL 29	25.85	JUN 03	22.04	SEP 12	24.32	DEC 29	5.08
NOV 28	15.96	JUL 08	22.11	OCT 27	18.33	FEB 10, 1976	5.07
DEC 30	17.77	AUG 01	30.90	DEC 07	11.48	MAR 18	5.09
APR 05, 1950	15.79	SEP 13	31.46	JAN 11, 1968	11.20	MAY 06	4.60
28	16.45	OCT 03	31.59	FEB 21	10.88	JUL 02	4.68
MAY 25	16.75	NOV 07	25.44	APR 10	10.67	AUG 06	4.37
JUN 26	23.17	DEC 05	21.18	MAY 20	10.00	SEP 27	4.02
JUL 26	25.94	JAN 11, 1961	18.38	JUN 27	15.78	NOV 08	5.28
SEP 29	29.27	31	17.79	AUG 15	23.74	DEC 30	4.75
OCT 31	25.60	MAR 01	17.67	SEP 27	22.45	FEB 18, 1977	5.40
DEC 06	22.69	APR 03	17.56	NOV 06	18.05	APR 12	5.55
FEB 06, 1951	24.10	MAY 03	17.60	DEC 19	13.66	MAY 13	5.18
APR 04	21.51	29	22.47	FEB 03, 1969	11.48	JUL 11	5.01
MAY 21	21.38	JUL 03	23.12	MAR 13	12.09	AUG 12	5.12
JUL 11	27.21	AUG 01	23.31	APR 28	10.89	OCT 21	5.26
AUG 15	29.51	28	26.75	JUN 05	17.71	DEC 02	4.91
JAN 03, 1952	25.69	OCT 02	29.18	JUL 17	22.02	30	4.75
APR 01	24.27	30	25.37	AUG 25	22.61	FEB 10, 1978	4.78
MAY 01	25.40	DEC 04	24.48	SEP 29	19.74	APR 05	4.69
JUN 02	20.32	JAN 08, 1962	23.53	NOV 17	19.90	MAY 19	4.74
AUG 27	27.18	FEB 05	23.43	JAN 05, 1970	18.36	JUN 22	4.69
OCT 06	30.15	MAR 05	14.23	FEB 05	13.36	JUL 18	4.44
NOV 24	25.86	APR 02	14.90	MAR 18	13.09	AUG 18	4.74
JAN 26, 1953	26.39	27	15.19	MAY 04	13.88	SEP 15	4.26
MAR 30	24.55	JUN 04	15.37	JUN 15	14.86	OCT 13	4.42
JUN 12	30.98	JUL 02	15.56	JUL 24	13.83	NOV 17	4.97
AUG 19	29.55	31	19.50	SEP 09	16.93	JAN 05, 1979	5.65
DEC 23	26.37	SEP 11	20.14	OCT 15	17.83	MAR 09	4.61
MAR 17, 1954	25.18	OCT 08	19.54	NOV 30	14.27	MAY 04	4.61
DEC 28	24.38	NOV 10	19.46	JAN 06, 1971	17.28	JUN 21	4.36
FEB 14, 1955	29.68	DEC 10	14.93	FEB 17	12.45	JUL 27	4.42
SEP 21	37.89	JAN 07, 1963	14.68	MAR 30	9.05	SEP 11	4.10
OCT 19	37.48	FEB 12	14.67	MAY 05	8.69	OCT 26	4.53
NOV 16	31.60	MAR 04	14.87	JUN 17	6.88	NOV 23	4.38
JAN 03, 1956	28.10	APR 01	14.46	JUL 27	10.86	JAN 02, 1980	4.26
FEB 27	28.12	29	13.10	SEP 10	8.04	FEB 01	5.34
APR 02	27.32	JUN 07	13.64	NOV 11	6.68	MAR 07	4.80
JUN 04	31.31	SEP 09	13.47	DEC 22	6.62	APR 29	2.33
JUL 30	29.67	DEC 09	15.14	FEB 03, 1972	5.01	JUN 05	4.76
SEP 10	28.50	JAN 03, 1964	14.54	MAR 17	4.40	JUL 10	4.55
OCT 01	28.49	FEB 05	13.87	MAY 05	5.05	AUG 14	4.57
29	28.91	MAR 05	13.71	JUL 06	4.89	OCT 15	4.49

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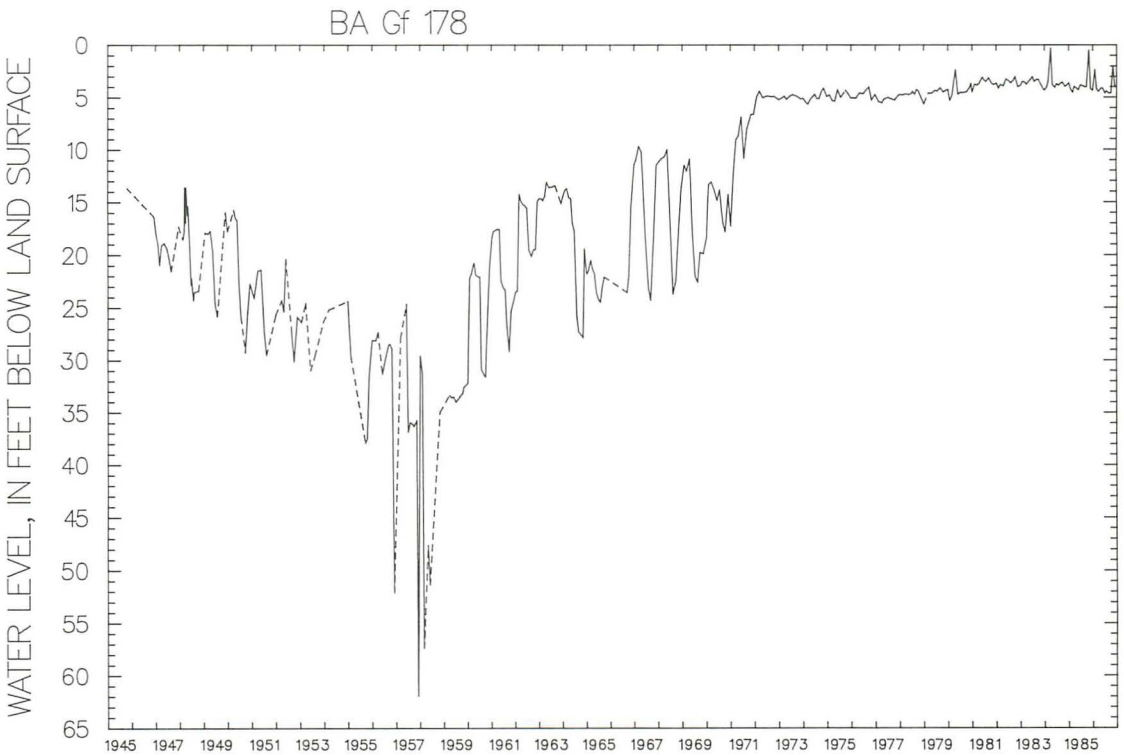
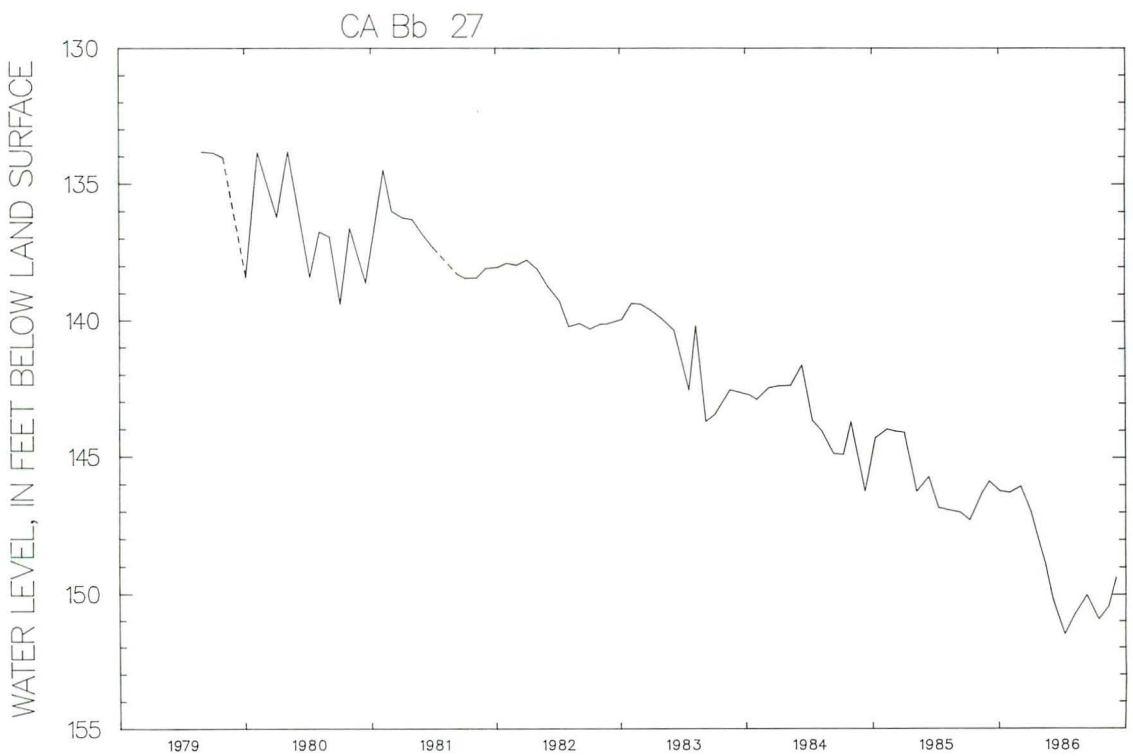
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26, 1980	4.09	AUG 12, 1982	3.64	MAR 01, 1984	3.44	SEP 06, 1985	4.02
DEC 18	3.68	SEP 21	3.36	APR 06	0.32	OCT 01	4.03
JAN 06, 1981	4.52	OCT 15	3.00	MAY 02	3.82	NOV 05	0.47
FEB 09	3.77	NOV 03	3.45	JUN 08	4.08	DEC 03	4.22
MAR 19	3.84	26	4.02	JUL 05	3.71	JAN 02, 1986	4.37
APR 20	3.69	JAN 03, 1983	3.89	AUG 03	3.85	FEB 05	2.32
JUN 09	3.07	FEB 01	3.51	SEP 04	3.66	MAR 03	4.20
JUL 02	3.35	MAR 01	3.52	OCT 02	3.56	APR 01	4.48
31	3.51	APR 05	3.77	NOV 07	3.98	MAY 09	4.13
SEP 11	3.12	MAY 05	3.52	DEC 04	3.87	JUN 04	4.15
OCT 23	3.65	JUN 03	3.32	JAN 07, 1985	3.61	JUL 08	4.63
NOV 24	3.80	JUL 06	3.03	FEB 04	4.24	30	4.42
JAN 07, 1982	3.65	AUG 03	3.51	MAR 07	4.56	SEP 03	4.62
FEB 05	4.16	SEP 02	3.30	28	3.97	OCT 09	4.60
MAR 09	3.79	OCT 05	3.29	MAY 01	4.12	NOV 06	1.98
APR 23	3.93	NOV 09	3.77	30	4.31	DEC 04	3.94
JUN 03	3.24	DEC 30	4.34	JUL 01	3.82		
JUL 20	3.49	FEB 07, 1984	4.04	AUG 05	3.91		



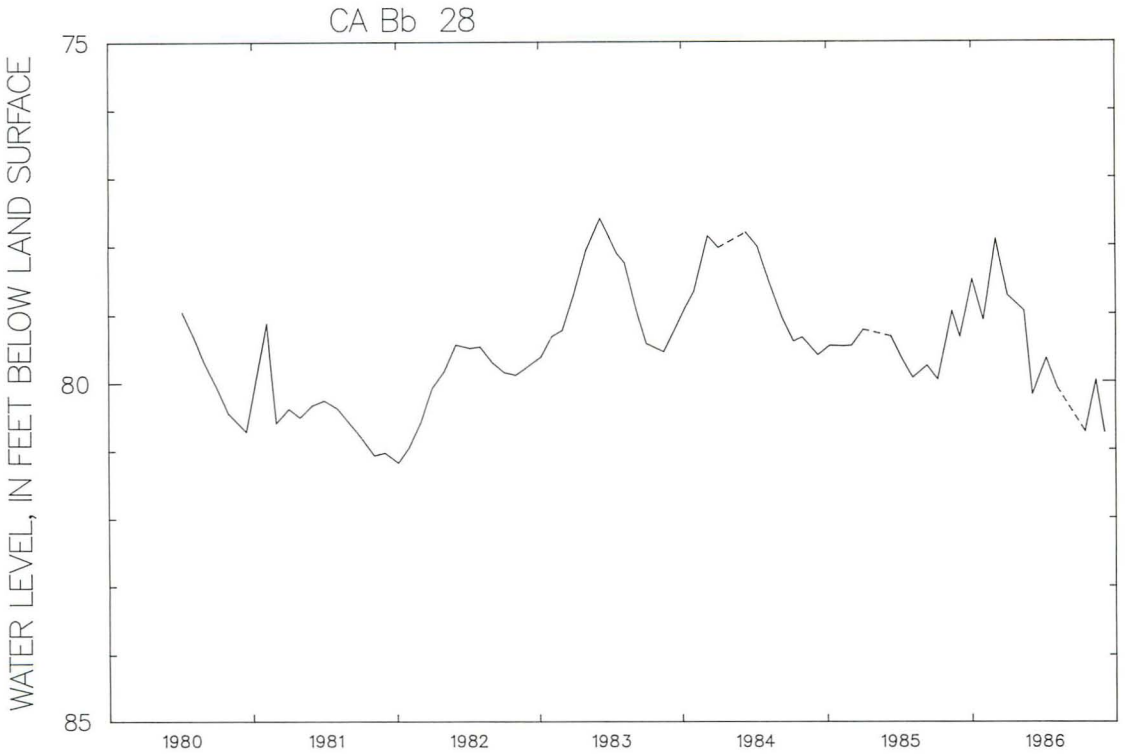
WELL NUMBER.--CA Bb 27 SITE ID.--384333076394701 PERMIT NUMBER.--CA-73-3303
LOCATION.--Lat 38°43'33", long 76°39'47", Hydrologic Unit 02060006, at Dunkirk Regional Park, Dunkirk. Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 320 ft; casing diameter 4 in. with depth to 250 ft; casing diameter 2 in. from 250 to 310 ft; screen diameter 2 in. from 310 to 320 ft.
DATUM.--Altitude of land-surface datum is 140 ft. Measuring point: Top of casing, 2.3 ft above land-surface datum.
PERIOD OF RECORD.--August 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 133.82 ft below land-surface datum, May 6, 1980; lowest measured, 151.50 ft below land-surface datum, July 9, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 30, 1979	133.83	NOV 05, 1981	138.42	AUG 09, 1983	140.16	JUN 12, 1985	145.69
OCT 04	133.87	DEC 02	138.07	SEP 07	143.68	JUL 10	146.83
NOV 01	134.05	JAN 05, 1982	138.03	OCT 03	143.42	AUG 06	146.91
JAN 04, 1980	138.40	FEB 01	137.88	NOV 16	142.52	SEP 11	147.00
FEB 08	133.85	MAR 03	137.95	JAN 12, 1984	142.71	OCT 08	147.28
APR 03	136.21	APR 02	137.76	FEB 01	142.87	NOV 13	146.27
MAY 06	133.82	MAY 03	138.10	MAR 07	142.44	DEC 03	145.86
JUL 07	138.40	JUN 02	138.71	APR 03	142.37	JAN 03, 1986	146.22
AUG 04	136.74	JUL 07	139.26	MAY 09	142.35	31	146.27
SEP 02	136.93	AUG 03	140.20	JUN 11	141.61	MAR 04	146.04
OCT 03	139.38	SEP 03	140.08	JUL 11	143.63	APR 02	146.96
31	136.60	OCT 04	140.29	AUG 08	144.03	MAY 14	148.89
DEC 16	138.60	NOV 02	140.11	SEP 11	144.86	JUN 04	150.15
FEB 06, 1981	134.50	24	140.09	OCT 09	144.89	JUL 09	151.50
MAR 02	135.99	JAN 06, 1983	139.93	31	143.68	AUG 06	150.75
APR 03	136.23	FEB 03	139.35	DEC 10	146.23	SEP 10	150.01
MAY 01	136.29	MAR 02	139.37	JAN 09, 1985	144.28	OCT 15	150.93
JUN 01	136.85	31	139.60	FEB 12	143.95	NOV 12	150.43
JUL 01	137.32	MAY 02	139.90	MAR 05	144.02	DEC 03	149.39
SEP 09	138.28	JUN 07	140.33	APR 03	144.08		
OCT 02	138.43	JUL 20	142.53	MAY 08	146.24		



WELL NUMBER.--CA Bb 28 SITE ID.--384333076394702 PERMIT NUMBER.--CA-73-3721
LOCATION.--Lat 38°43'33", long 76°39'47", Hydrologic Unit 02060006, at Dunkirk Regional Park, Dunkirk. Owner: U.S. Geological Survey.
AQUIFER.--Nanjemoy Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 170 ft; casing diameter 4 in. with depth to 147 ft; casing diameter 2 in. from 147 to 160 ft; screen diameter 2 in. from 160 to 170 ft.
DATUM.--Altitude of land-surface datum is 140 ft. Measuring point: Top of casing, 2.05 ft above land-surface datum.
PERIOD OF RECORD.--July 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 77.60 ft below land-surface datum, June 7, 1983; lowest measured, 81.18 ft below land-surface datum, Jan. 5, 1982.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 07, 1980	78.96	APR 02, 1982	80.08	NOV 16, 1983	79.55	SEP 11, 1985	79.76
AUG 04	79.31	MAY 03	79.83	JAN 12, 1984	78.88	OCT 08	79.97
SEP 02	79.71	JUN 02	79.44	FEB 01	78.67	NOV 13	78.96
OCT 03	80.07	JUL 07	79.49	MAR 07	77.86	DEC 03	79.34
31	80.44	AUG 03	79.47	APR 03	78.03	JAN 03, 1986	78.50
DEC 16	80.72	SEP 03	79.70	JUN 11	77.81	31	79.09
FEB 06, 1981	79.12	OCT 04	79.85	JUL 11	78.02	MAR 04	77.91
MAR 02	80.59	NOV 02	79.89	AUG 08	78.52	APR 02	78.73
APR 03	80.38	24	79.80	SEP 11	79.06	MAY 14	78.96
MAY 01	80.51	JAN 06, 1983	79.62	OCT 09	79.40	JUN 04	80.19
JUN 01	80.33	FEB 03	79.32	31	79.34	JUL 09	79.65
JUL 01	80.26	MAR 02	79.23	DEC 10	79.60	AUG 06	80.09
AUG 04	80.38	31	78.72	JAN 09, 1985	79.46	OCT 15	80.74
OCT 02	80.80	MAY 02	78.07	FEB 12	79.47	NOV 12	79.98
NOV 05	81.07	JUN 07	77.60	MAR 05	79.46	DEC 03	80.75
DEC 02	81.03	JUL 20	78.11	APR 03	79.23		
JAN 05, 1982	81.18	AUG 09	78.25	JUN 12	79.33		
FEB 01	80.96	SEP 07	78.93	JUL 10	79.66		
MAR 03	80.59	OCT 03	79.43	AUG 06	79.94		

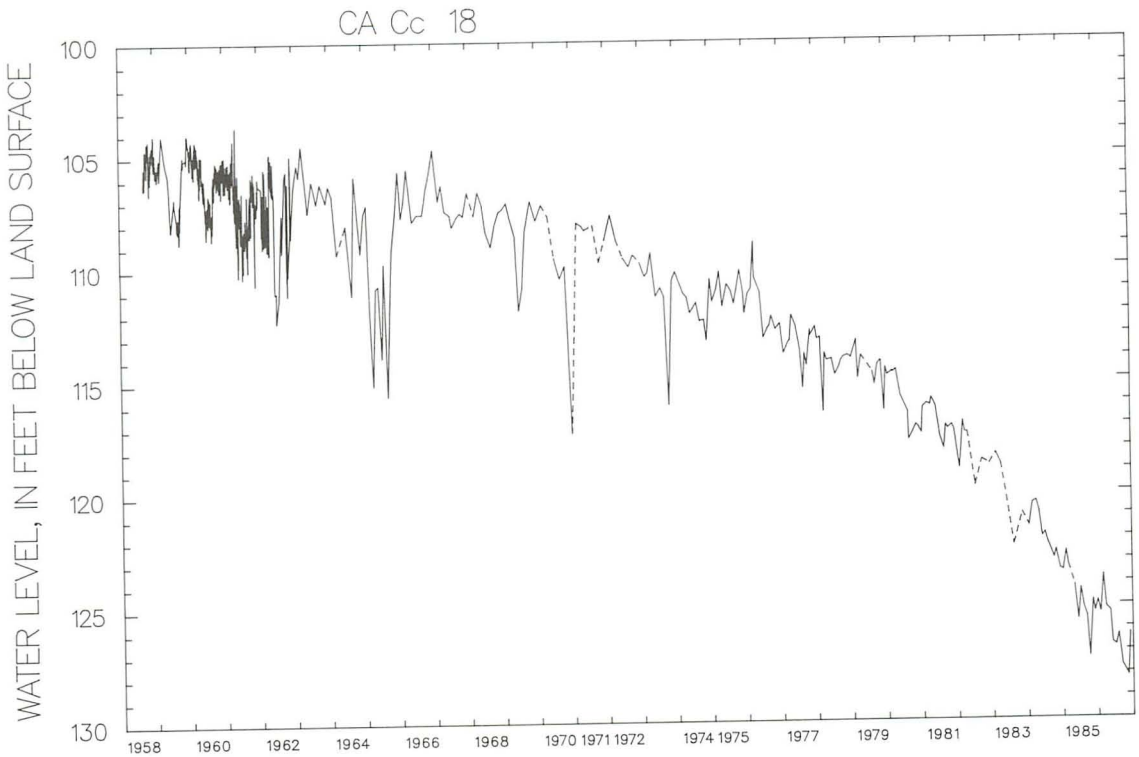


WELL NUMBER.--CA Cc 18 SITE ID.--383940076314801
LOCATION.--Lat 38°39'40", long 76°31'48", Hydrologic Unit 02060006, at Naval Research Laboratory, Randle Cliff. Owner: U.S. Navy.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 476 ft; casing diameter 6 in., screened 462 to 476 ft.
DATUM.--Altitude of land-surface datum is 111.31 ft. Measuring point: Top of casing, 0.3 ft above land-surface datum.
REMARKS.--Water level measured 76.68 (?) ft below land-surface datum, Sept. 10, 1952; equipped with water-level recorder Sept. 15, 1958 to Jan. 8, 1963.
PERIOD OF RECORD.--September 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 104.38 ft below land-surface datum, Feb. 1, 1960; lowest measured, 128.19 ft below land-surface datum, Nov. 12, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 15, 1958	106.15	OCT 17, 1961	107.01	JUL 03, 1967	107.60	DEC 30, 1975	112.05
22	105.84	NOV 01	106.77	24	108.12	FEB 03, 1976	111.22
OCT 01	105.46	15	106.50	SEP 13	107.70	MAR 10	110.97
16	105.03	DEC 01	107.47	OCT 19	107.51	APR 09	108.90
NOV 01	104.54	21	107.00	NOV 21	107.65	13	110.47
15	105.30	JAN 02, 1962	106.21	JAN 04, 1968	106.60	JUN 10	111.14
DEC 01	105.49	FEB 06	106.38	MAR 14	107.63	JUL 14	113.14
16	104.80	15	109.00	APR 25	106.59	AUG 24	112.74
JAN 01, 1959	104.58	MAR 01	108.90	JUN 11	107.20	SEP 13	112.62
16	104.78	16	108.53	JUL 15	108.32	OCT 05	112.18
FEB 01	105.65	APR 01	106.60	SEP 07	109.02	NOV 16	112.78
03	105.77	14	108.57	OCT 21	108.03	JAN 03, 1977	112.51
MAR 03	105.03	MAY 01	104.93	DEC 03	107.47	FEB 08	113.83
04	105.76	16	106.36	JAN 08, 1969	107.35	MAR 29	113.33
MAY 05	105.18	JUN 01	106.44	FEB 19	107.09	APR 12	113.27
JUN 04	105.80	10	106.66	APR 03	107.83	MAY 03	112.15
05	105.90	JUL 03	110.97	MAY 20	108.56	JUN 14	112.63
AUG 04	106.88	04	112.29	JUN 23	111.83	JUL 27	113.67
05	106.77	AUG 01	111.25	AUG 01	110.84	AUG 24	115.36
SEP 01	107.76	SEP 04	107.54	SEP 04	108.34	SEP 13	113.84
15	107.69	05	109.20	NOV 01	107.01	OCT 04	114.37
OCT 01	107.07	OCT 09	105.88	DEC 29	107.87	NOV 10	112.81
05	107.73	26	109.90	FEB 27, 1970	107.18	15	113.06
NOV 09	104.92	NOV 01	110.07	MAY 05	107.69	JAN 03, 1978	112.67
11	105.31	04	106.14	JUL 08	109.54	23	113.21
DEC 14	105.01	DEC 02	108.36	SEP 03	110.45	FEB 22	113.15
15	105.20	04	104.92	OCT 29	109.89	MAR 22	116.41
JAN 05, 1960	104.48	JAN 08, 1963	106.35	DEC 28	117.27	APR 10	113.82
19	104.72	FEB 13	105.33	MAR 08, 1971	107.99	MAY 02	114.15
FEB 01	104.38	MAR 05	105.87	APR 29	108.14	JUN 23	114.09
15	105.30	APR 02	104.50	MAY 25	108.32	JUL 27	114.80
MAR 01	105.89	30	105.73	AUG 25	108.11	SEP 08	114.43
16	104.71	JUN 03	107.46	OCT 27	109.74	28	114.17
APR 01	105.11	JUL 17	106.05	DEC 29	108.72	OCT 20	114.02
15	105.59	SEP 03	107.04	FEB 28, 1972	107.65	DEC 06	113.93
MAY 01	105.34	OCT 11	106.17	APR 28	108.77	JAN 09, 1979	114.05
16	105.44	DEC 10	107.00	JUL 07	109.57	MAR 06	113.27
JUN 01	106.10	JAN 06, 1964	106.27	SEP 05	109.95	22	114.97
15	105.98	FEB 10	106.72	OCT 21	109.43	APR 24	113.95
JUL 01	107.39	MAR 30	109.31	DEC 29	109.77	AUG 20	114.69
16	107.21	JUL 01	108.03	FEB 20, 1973	110.39	SEP 10	115.24
AUG 01	107.50	SEP 01	111.11	MAR 23	110.21	OCT 11	114.34
16	107.37	OCT 01	105.84	APR 26	109.34	NOV 14	114.18
SEP 01	108.29	DEC 02	109.24	JUN 13	111.28	DEC 17	116.38
15	106.79	JAN 07, 1965	107.52	AUG 02	110.90	JAN 03, 1980	114.48
OCT 01	106.03	FEB 04	107.14	SEP 10	111.30	22	114.84
16	105.20	MAR 04	111.71	OCT 19	116.04	MAR 11	114.66
NOV 01	105.37	APR 06	115.09	DEC 03	110.57	17	114.71
15	106.10	MAY 06	110.82	JAN 08, 1974	110.19	APR 21	114.58
DEC 01	106.40	JUN 03	110.70	FEB 25	110.76	JUN 03	115.73
16	105.36	JUL 07	113.86	MAR 28	111.14	JUL 07	116.05
JAN 01, 1961	105.00	31	109.71	MAY 07	111.35	AUG 18	116.45
16	104.95	SEP 02	115.56	JUN 06	112.03	26	117.70
FEB 01	105.95	30	111.90	JUL 09	111.81	OCT 06	117.37
14	105.30	OCT 26	109.08	AUG 13	111.56	NOV 12	117.02
MAR 01	106.21	DEC 02	107.58	SEP 18	112.40	DEC 09	117.16
16	105.95	JAN 04, 1966	105.65	24	112.35	JAN 05, 1981	117.41
APR 01	105.12	FEB 03	107.70	OCT 31	112.31	20	116.27
15	105.00	MAR 02	107.02	NOV 26	113.22	MAR 03	116.09
MAY 01	106.17	APR 06	105.55	JAN 06, 1975	110.52	APR 06	116.17
16	108.41	27	106.52	29	111.53	21	115.85
JUN 01	109.12	MAY 31	107.88	MAR 12	111.00	JUN 02	116.21
15	107.68	JUL 21	107.57	APR 15	110.20	JUL 15	117.55
JUL 01	108.56	SEP 16	107.57	MAY 15	111.74	AUG 25	118.09
16	106.52	OCT 24	106.45	JUL 02	110.76	SEP 14	117.05
AUG 01	109.00	NOV 30	105.75	AUG 14	111.09	OCT 05	117.22
16	108.98	JAN 10, 1967	104.69	SEP 12	111.63	NOV 19	117.05
SEP 01	108.29	MAR 02	106.96	OCT 10	111.00	DEC 10	117.27
07	109.27	APR 04	106.27	NOV 14	110.13	FEB 02, 1982	118.98
OCT 03	107.49	MAY 10	107.42	DEC 18	111.14	MAR 11	116.87

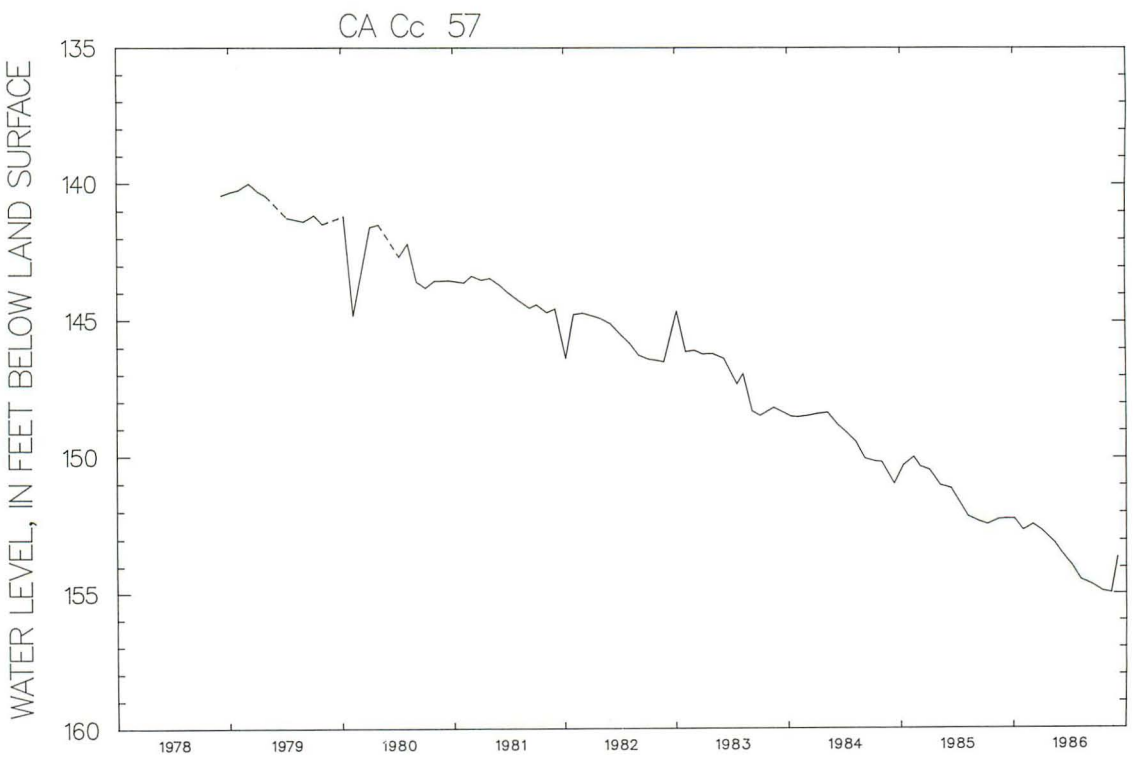
— CONTINUED CA Cc 18

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 31, 1982	117.38	MAY 09, 1984	120.95	JUN 12, 1985	125.69	JUN 04, 1986	126.72
APR 28	117.39	JUN 11	122.05	JUL 10	124.31	JUL 09	126.84
JUL 13	119.74	JUL 11	121.88	AUG 06	125.10	AUG 06	126.34
SEP 23	118.59	AUG 08	122.30	SEP 11	125.55	SEP 12	127.70
DEC 09	118.79	SEP 10	122.65	OCT 08	127.32	OCT 15	127.94
FEB 15, 1983	118.31	OCT 09	122.99	NOV 13	124.82	NOV 12	128.19
APR 08	118.79	31	122.63	DEC 03	125.35	DEC 03	126.32
AUG 18	122.38	DEC 10	123.47	JAN 03, 1986	124.87		
NOV 16	120.97	JAN 09, 1985	123.54	31	125.39		
JAN 26, 1984	121.57	FEB 12	122.66	MAR 04	123.74		
FEB 28	120.55	MAR 05	123.30	31	125.15		
APR 09	120.45	MAY 08	124.19	MAY 14	125.36		



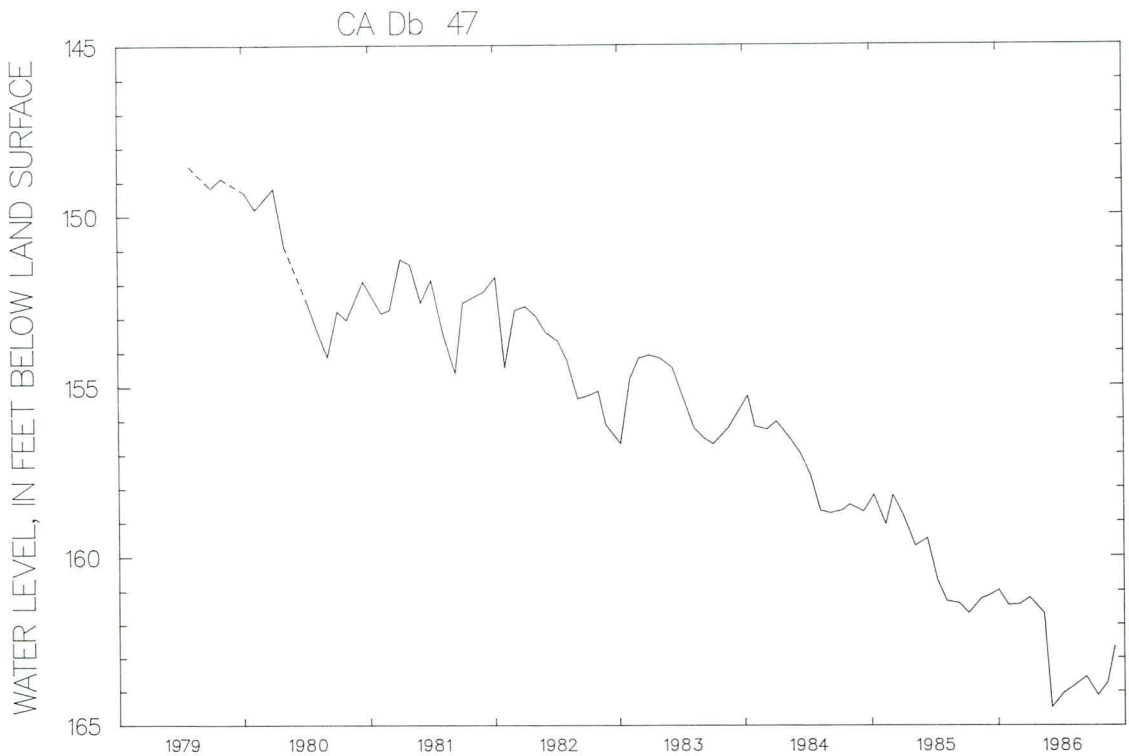
WELL NUMBER.--CA Cc 57 SITE ID.--383605076344601 PERMIT NUMBER.--CA-73-2893
LOCATION.--Lat 38°36'05", long 76°34'46", Hydrologic Unit 02060006, Cox Rd. nr MD Rt. 263, Huntingtown.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 579 ft; casing diameter 4 in. with depth to 211 ft; casing diameter 2 in. from 211 to 511 ft, and 521 to 579 ft; screen diameter 3 in. from 511 to 521 ft.
DATUM.--Altitude of land-surface datum is 135 ft. Measuring point: Top of casing, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--December 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 140.00 ft below land-surface datum, March 7, 1979; lowest measured, 154.99 ft below land-surface datum, Nov. 12, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08, 1978	140.43	MAY 01, 1981	143.43	MAR 31, 1983	146.21	APR 03, 1985	150.46
JAN 09, 1979	140.30	JUN 01	143.67	MAY 02	146.19	MAY 08	151.02
FEB 02	140.23	JUL 01	143.97	JUN 07	146.37	JUN 12	151.13
MAR 07	140.00	AUG 04	144.25	JUL 20	147.31	JUL 10	151.65
APR 05	140.29	SEP 09	144.52	AUG 09	146.93	AUG 06	152.15
MAY 01	140.45	OCT 02	144.40	SEP 07	148.30	SEP 11	152.33
JUL 09	141.25	NOV 05	144.69	OCT 03	148.47	OCT 08	152.43
AUG 31	141.38	DEC 02	144.55	NOV 16	148.17	NOV 13	152.25
OCT 05	141.15	JAN 06, 1982	146.36	JAN 12, 1984	148.50	DEC 03	152.23
NOV 01	141.47	FEB 01	144.75	FEB 01	148.52	JAN 03, 1986	152.23
JAN 08, 1980	141.19	MAR 03	144.70	MAR 07	148.47	31	152.64
FEB 08	144.82	APR 02	144.80	APR 03	148.40	MAR 04	152.43
APR 03	141.58	MAY 03	144.92	MAY 09	148.35	APR 02	152.65
MAY 01	141.49	JUN 02	145.10	JUN 11	148.81	MAY 14	153.11
JUL 07	142.66	JUL 07	145.51	JUL 11	149.11	JUN 04	153.45
AUG 04	142.18	AUG 03	145.80	AUG 08	149.43	JUL 09	153.94
SEP 02	143.57	SEP 03	146.25	SEP 06	150.04	AUG 06	154.49
OCT 02	143.80	OCT 04	146.39	OCT 09	150.15	SEP 10	154.67
31	143.54	NOV 02	146.44	31	150.17	OCT 15	154.92
DEC 15	143.52	24	146.49	DEC 10	150.97	NOV 12	154.99
FEB 06, 1981	143.60	JAN 05, 1983	144.63	JAN 09, 1985	150.29	DEC 03	153.64
MAR 02	143.35	FEB 03	146.12	FEB 12	149.98		
APR 03	143.50	MAR 03	146.07	MAR 05	150.34		



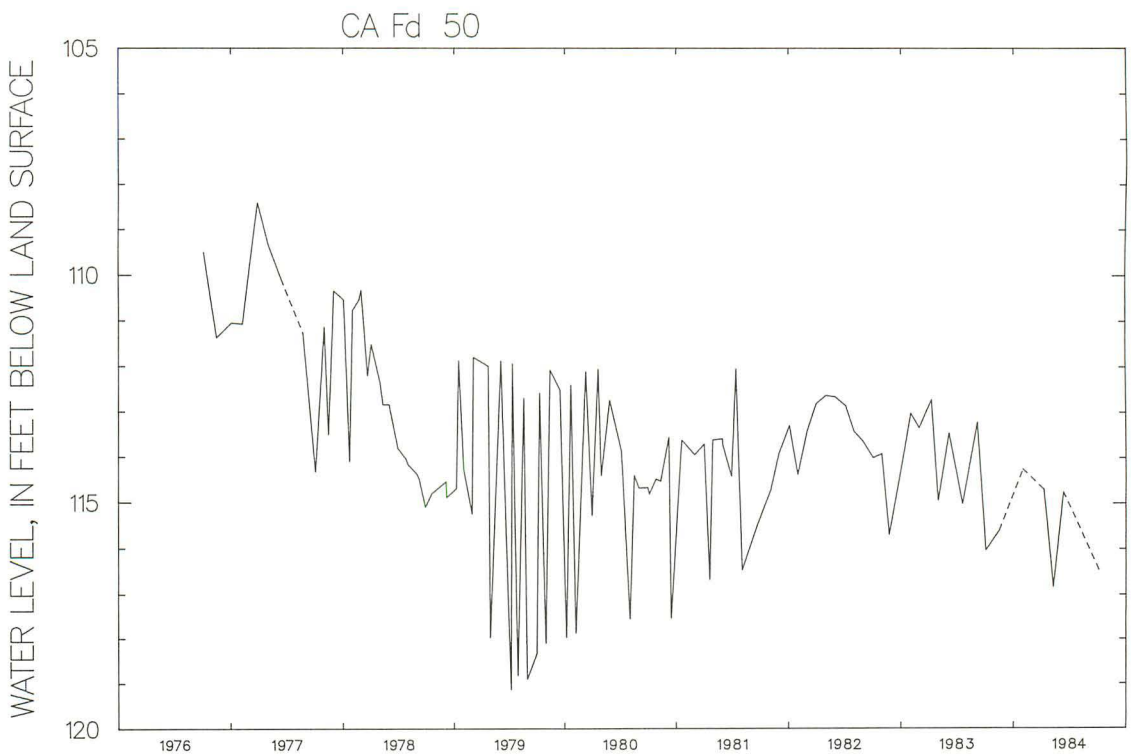
WELL NUMBER.--CA Db 47 SITE ID.--383239076354201 PERMIT NUMBER.--CA-73-3304
LOCATION.--Lat 38°32'39", long 76°35'42", Hydrologic Unit 02060006, nr Prince Frederick.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 570 ft; casing diameter 4 in. with depth to 483 ft; casing diameter 2 in. from 483 to 560 ft; screen diameter 2 in. from 560 to 570 ft.
DATUM.--Altitude of land-surface datum is 140 ft. Measuring point: Top of casing, 1.46 ft above land-surface datum.
PERIOD OF RECORD.--July 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 148.54 ft below land-surface datum, July 31, 1979; lowest measured, 164.47 ft below land-surface datum, June 4, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 31, 1979	148.54	NOV 05, 1981	152.38	SEP 07, 1983	156.54	AUG 06, 1985	161.30
OCT 02	149.17	DEC 02	152.24	OCT 03	156.71	SEP 11	161.37
NOV 01	148.89	JAN 05, 1982	151.81	NOV 16	156.24	OCT 08	161.66
JAN 08, 1980	149.32	FEB 01	154.45	JAN 12, 1984	155.29	NOV 13	161.23
FEB 08	149.81	MAR 03	152.78	FEB 01	156.19	DEC 03	161.15
APR 01	149.19	APR 02	152.67	MAR 07	156.29	JAN 03, 1986	160.98
MAY 01	150.89	MAY 03	152.95	APR 03	156.05	31	161.42
JUL 07	152.58	JUN 02	153.44	MAY 09	156.50	MAR 04	161.40
AUG 04	153.40	JUL 07	153.69	JUN 11	156.97	APR 02	161.20
SEP 02	154.13	AUG 03	154.26	JUL 11	157.64	MAY 14	161.67
OCT 01	152.80	SEP 03	155.37	AUG 08	158.67	JUN 04	164.47
28	153.05	OCT 04	155.28	SEP 05	158.75	JUL 09	164.04
DEC 15	151.93	NOV 02	155.15	OCT 09	158.67	AUG 06	163.85
FEB 06, 1981	152.86	24	156.14	31	158.49	SEP 12	163.57
MAR 02	152.76	JAN 06, 1983	156.69	DEC 10	158.70	OCT 15	164.12
APR 03	151.28	FEB 03	154.79	JAN 09, 1985	158.21	NOV 12	163.75
MAY 01	151.44	MAR 02	154.18	FEB 12	159.08	DEC 03	162.68
JUN 01	152.56	31	154.10	MAR 05	158.22		
JUL 01	151.89	MAY 02	154.19	APR 03	158.80		
AUG 04	153.44	JUN 07	154.47	MAY 08	159.70		
SEP 09	154.62	JUL 20	155.68	JUN 12	159.48		
OCT 02	152.56	AUG 09	156.25	JUL 10	160.69		



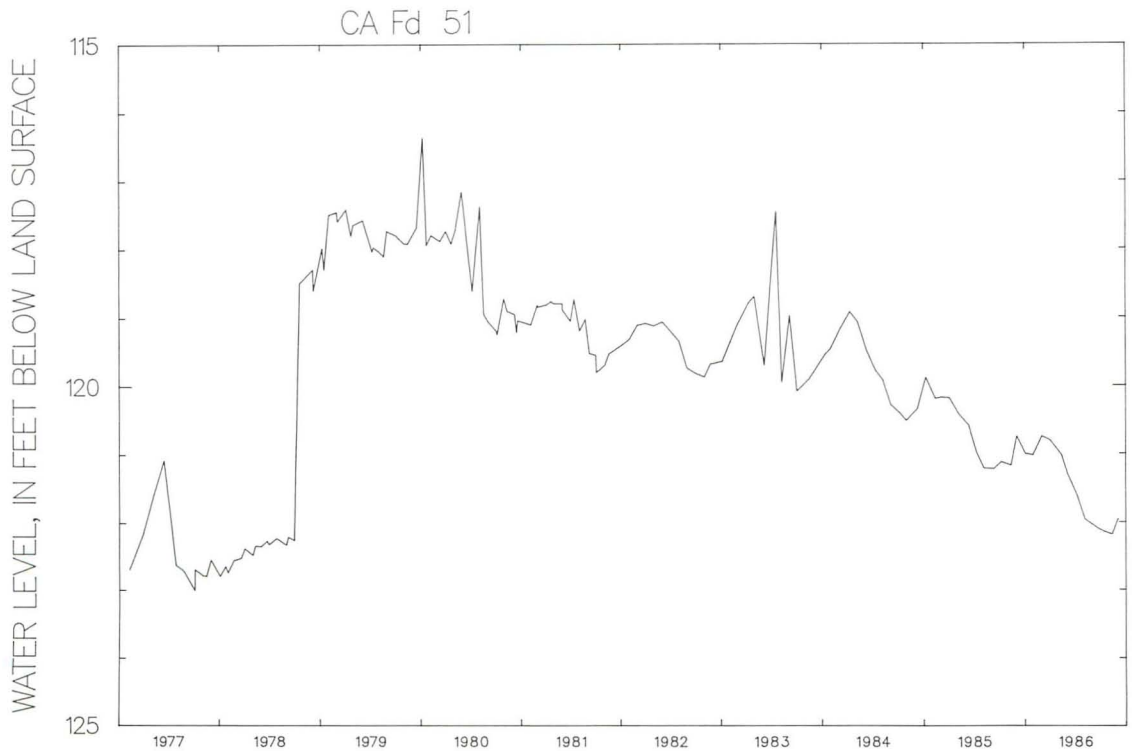
WELL NUMBER.--CA Fd 50 SITE ID.--382120076255901 PERMIT NUMBER.--CA-73-1448
LOCATION.--Lat 38°21'20", long 76°25'59", Hydrologic Unit 02060006, at Cherry Hill nr MD Rt. 760.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 350 ft; casing diameter 6 in. with depth to 130 ft; casing diameter 2 in. from 130 to 340 ft; screen diameter 2 in. from 340 to 350 ft.
REMARKS.--Water level measurements discontinued due to obstruction in well.
DATUM.--Altitude of land-surface datum is 94 ft. Measuring point: Top of casing, 1.40 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to October 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 108.41 ft below land-surface datum, March 29, 1977; lowest measured, 119.13 ft below land-surface datum, July 9, 1979.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05, 1976	109.50	SEP 08, 1978	114.47	MAY 01, 1980	114.40	APR 02, 1982	112.81
NOV 16	111.37	OCT 20	114.79	29	112.74	MAY 03	112.63
JAN 03, 1977	111.05	DEC 06	114.53	JUL 07	113.87	JUN 02	112.66
FEB 08	111.07	08	114.88	AUG 04	117.55	JUL 07	112.86
MAR 29	108.41	JAN 09, 1979	114.68	18	114.39	AUG 03	113.42
MAY 03	109.33	16	111.87	SEP 02	114.67	31	113.63
JUN 14	110.09	FEB 02	114.27	OCT 01	114.66	OCT 04	114.00
AUG 24	111.28	MAR 02	115.24	06	114.80	NOV 01	113.91
OCT 03	114.25	06	111.79	NOV 12	114.52	24	115.69
04	114.32	APR 24	111.99	DEC 09	113.55	JAN 06, 1983	114.12
NOV 01	111.13	MAY 01	117.97	16	117.54	FEB 03	113.02
15	113.50	JUN 05	111.87	JAN 20, 1981	113.61	MAR 02	113.34
DEC 02	110.34	JUL 09	119.13	MAR 03	113.94	APR 11	112.72
JAN 03, 1978	110.54	13	111.93	APR 03	113.70	MAY 02	114.94
23	114.10	AUG 20	112.69	21	116.67	JUN 07	113.45
FEB 01	110.77	31	118.90	MAY 01	113.61	JUL 20	115.01
22	110.54	OCT 02	118.33	JUN 01	113.58	SEP 07	113.22
MAR 01	110.33	11	112.58	02	113.71	OCT 03	116.03
22	112.20	NOV 01	118.10	JUL 01	114.41	NOV 16	115.59
APR 03	111.51	14	112.07	15	112.04	FEB 01, 1984	114.25
MAY 02	112.35	DEC 17	112.51	AUG 04	116.46	APR 09	114.70
12	112.84	JAN 08, 1980	117.97	SEP 23	115.47	MAY 09	116.83
JUN 01	112.84	22	112.40	NOV 05	114.71	JUN 11	114.75
30	113.80	FEB 08	117.87	DEC 02	113.91	OCT 09	116.53
JUL 27	114.04	MAR 11	112.10	JAN 05, 1982	113.29		
AUG 03	114.16	APR 01	115.28	FEB 01	114.37		
SEP 01	114.37	21	112.05	MAR 03	113.42		



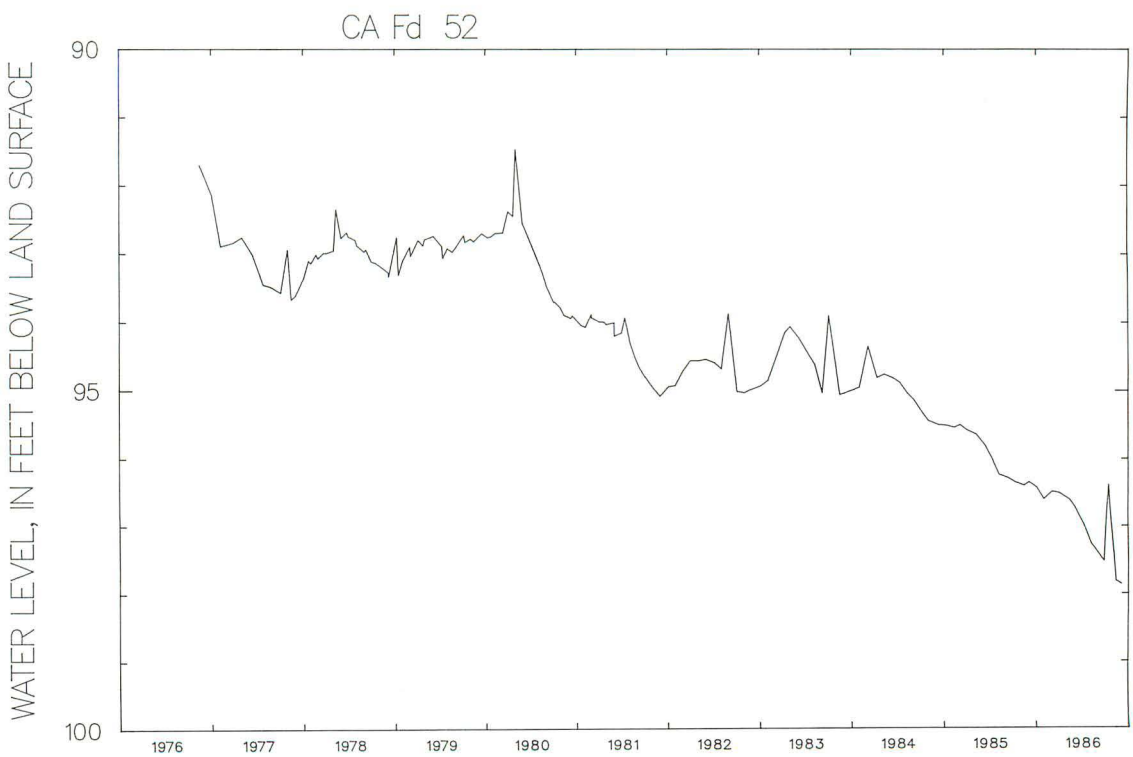
WELL NUMBER.--CA Fd 51 SITE ID.--382408076260401 PERMIT NUMBER.--CA-73-1449
LOCATION.--Lat 38°24'08", long 76°26'04", Hydrologic Unit 02060004, at Calvert Cliffs State Park.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 352 ft; casing diameter 6 in. with depth to 140 ft; casing diameter 2 in. from 140 to 342 ft; screen diameter 2 in. from 342 to 352 ft.
DATUM.--Altitude of land-surface datum is 120 ft. Measuring point: Top of casing, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--February 1977 to current year.
EXTREMES FOR PERIOD.--Highest water level measured, 116.36 ft below land-surface datum, Jan. 8, 1980; lowest measured, 123.00 ft below land-surface datum, Oct. 3, 1977.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 08, 1977	122.69	JUN 05, 1979	117.57	JUL 01, 1981	119.05	APR 11, 1984	118.92
MAR 29	122.16	JUL 09	118.03	15	118.73	MAY 09	119.07
MAY 03	121.64	13	117.97	AUG 04	119.19	JUN 11	119.49
JUN 14	121.08	AUG 20	118.10	25	119.02	JUL 11	119.77
JUL 27	122.62	31	117.73	SEP 09	119.52	AUG 08	119.92
AUG 24	122.71	OCT 05	117.80	OCT 02	119.55	SEP 05	120.28
OCT 03	123.00	11	117.83	05	119.80	OCT 09	120.41
04	122.69	NOV 01	117.91	NOV 05	119.69	31	120.51
NOV 01	122.78	14	117.92	19	119.53	DEC 10	120.34
15	122.79	DEC 17	117.68	JAN 05, 1982	119.40	JAN 09, 1985	119.88
DEC 01	122.54	JAN 08, 1980	116.36	FEB 01	119.32	FEB 12	120.19
JAN 03, 1978	122.79	22	117.94	MAR 03	119.11	MAR 05	120.17
23	122.64	FEB 08	117.79	31	119.08	APR 03	120.18
FEB 01	122.74	MAR 11	117.88	MAY 03	119.12	MAY 08	120.42
22	122.55	APR 01	117.73	JUN 02	119.06	JUN 12	120.58
MAR 22	122.51	21	117.92	JUL 07	119.22	JUL 10	120.97
APR 03	122.37	MAY 06	117.72	AUG 03	119.35	AUG 06	121.21
MAY 02	122.47	29	117.15	31	119.74	SEP 11	121.22
12	122.33	JUL 07	118.61	OCT 04	119.82	OCT 08	121.12
JUN 01	122.34	AUG 04	117.37	NOV 02	119.87	NOV 13	121.17
23	122.26	18	118.94	24	119.68	DEC 03	120.74
JUL 27	122.22	SEP 02	119.05	JAN 06, 1983	119.64	JAN 03, 1986	121.00
SEP 01	122.32	OCT 03	119.19	FEB 03	119.36	31	121.02
08	122.20	06	119.24	MAR 02	119.10	MAR 04	120.74
OCT 20	118.49	NOV 12	118.90	APR 11	118.79	APR 02	120.80
DEC 06	118.29	DEC 09	118.95	MAY 02	118.69	MAY 14	121.02
08	118.60	16	119.21	JUN 07	119.70	JUN 04	121.29
JAN 09, 1979	117.98	FEB 06, 1981	119.10	JUL 20	117.45	JUL 09	121.61
16	118.29	MAR 02	118.81	AUG 09	119.95	AUG 06	121.96
FEB 02	117.49	03	118.84	SEP 07	118.97	SEP 25	122.10
MAR 02	117.45	APR 03	118.81	OCT 03	120.08	OCT 15	122.14
06	117.59	21	118.76	NOV 16	119.90	NOV 12	122.18
APR 05	117.41	MAY 01	118.79	JAN 12, 1984	119.55	DEC 03	121.96
24	117.80	JUN 01	118.79	FEB 01	119.46		
MAY 01	117.64	02	118.88	MAR 07	119.17		



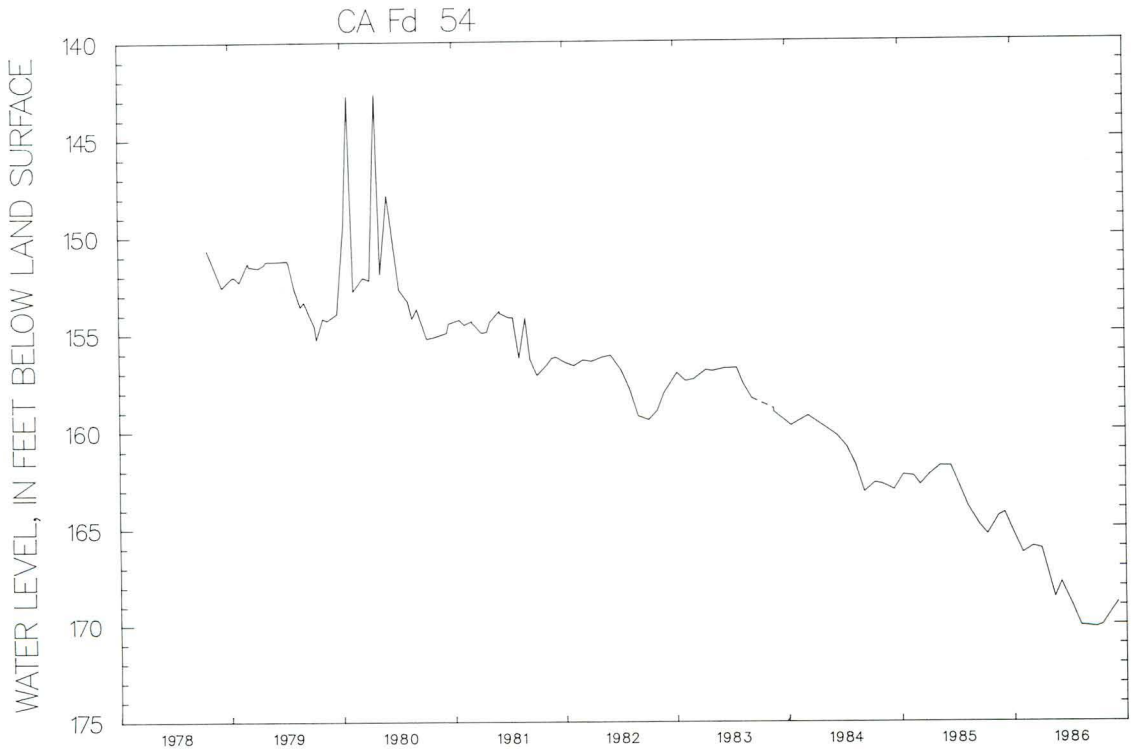
WELL NUMBER.--CA Fd 52 SITE ID.--382316076284801 PERMIT NUMBER.--CA-73-1450
LOCATION.--Lat 38°23'16", long 76°28'48", Hydrologic Unit 02060006, 2 mi west of Lusby on Sollers Wharf Rd.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 318 ft; diameter of casing 6 in. with depth to 140 ft; casing diameter 2 in. from 140 to 308 ft; screen diameter 2 in. from 308 to 318 ft.
DATUM.--Altitude of land-surface datum is 101 ft. Measuring point: Top of casing, 3.3 ft above land-surface datum.
PERIOD OF RECORD.--November 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 91.47 ft below land-surface datum, May 1, 1980; lowest measured, 97.86 ft below land-surface datum, Dec. 3, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 16, 1976	91.70	MAY 01, 1979	92.79	JUL 01, 1981	94.15	MAY 09, 1984	94.76
JAN 03, 1977	92.14	JUN 05	92.74	15	93.93	JUN 11	94.81
FEB 08	92.89	JUL 09	92.89	AUG 04	94.29	JUL 11	94.88
MAR 29	92.84	13	93.06	25	94.52	AUG 08	95.03
MAY 03	92.76	AUG 20	92.97	SEP 09	94.65	SEP 05	95.14
JUN 14	93.01	31	92.92	OCT 02	94.79	OCT 09	95.33
JUL 27	93.45	OCT 05	92.73	05	94.80	31	95.44
AUG 24	93.48	11	92.83	NOV 05	94.96	DEC 10	95.50
OCT 04	93.57	NOV 01	92.78	19	95.02	JAN 09, 1985	95.51
NOV 01	92.94	14	92.82	DEC 02	95.08	FEB 12	95.54
15	93.67	DEC 17	92.70	JAN 05, 1982	94.94	MAR 05	95.50
DEC 02	93.61	JAN 08, 1980	92.76	FEB 01	94.92	APR 03	95.58
JAN 03, 1978	93.36	22	92.75	MAR 03	94.71	MAY 08	95.64
23	93.10	FEB 08	92.70	APR 02	94.56	JUN 12	95.80
FEB 01	93.14	MAR 11	92.69	MAY 03	94.56	JUL 10	96.00
22	93.01	APR 01	92.38	JUN 02	94.54	AUG 06	96.23
MAR 01	93.07	21	92.45	JUL 07	94.59	SEP 11	96.28
22	92.99	MAY 01	91.47	AUG 03	94.68	OCT 08	96.34
APR 03	92.99	29	92.55	31	93.87	NOV 13	96.39
MAY 02	92.95	JUL 07	92.89	OCT 04	95.01	DEC 03	96.34
12	92.35	AUG 04	93.14	NOV 02	95.03	JAN 03, 1986	96.42
JUN 01	92.77	18	93.28	24	94.99	31	96.59
23	92.69	SEP 02	93.46	JAN 06, 1983	94.93	MAR 04	96.48
JUL 27	92.80	OCT 01	93.70	FEB 03	94.85	APR 02	96.50
AUG 03	92.88	06	93.70	MAR 02	94.58	MAY 14	96.60
SEP 01	92.97	NOV 12	93.89	APR 11	94.15	JUN 04	96.71
08	92.94	DEC 09	93.94	MAY 02	94.06	JUL 09	96.98
OCT 20	93.14	16	93.90	JUN 07	94.23	AUG 06	97.26
DEC 06	93.27	JAN 20, 1981	94.04	JUL 20	94.50	SEP 25	97.52
08	93.33	FEB 06	94.07	AUG 09	94.62	OCT 15	96.38
JAN 09, 1979	92.76	MAR 02	93.88	SEP 07	95.03	NOV 12	97.81
16	93.31	03	93.93	OCT 03	93.90	DEC 03	97.86
FEB 02	93.10	APR 03	93.99	NOV 16	95.06		
MAR 02	92.90	21	93.99	JAN 12, 1984	94.98		
06	93.03	MAY 01	94.03	FEB 01	94.95		
APR 05	92.80	JUN 01	94.00	MAR 07	94.35		
24	92.88	02	94.20	APR 11	94.81		



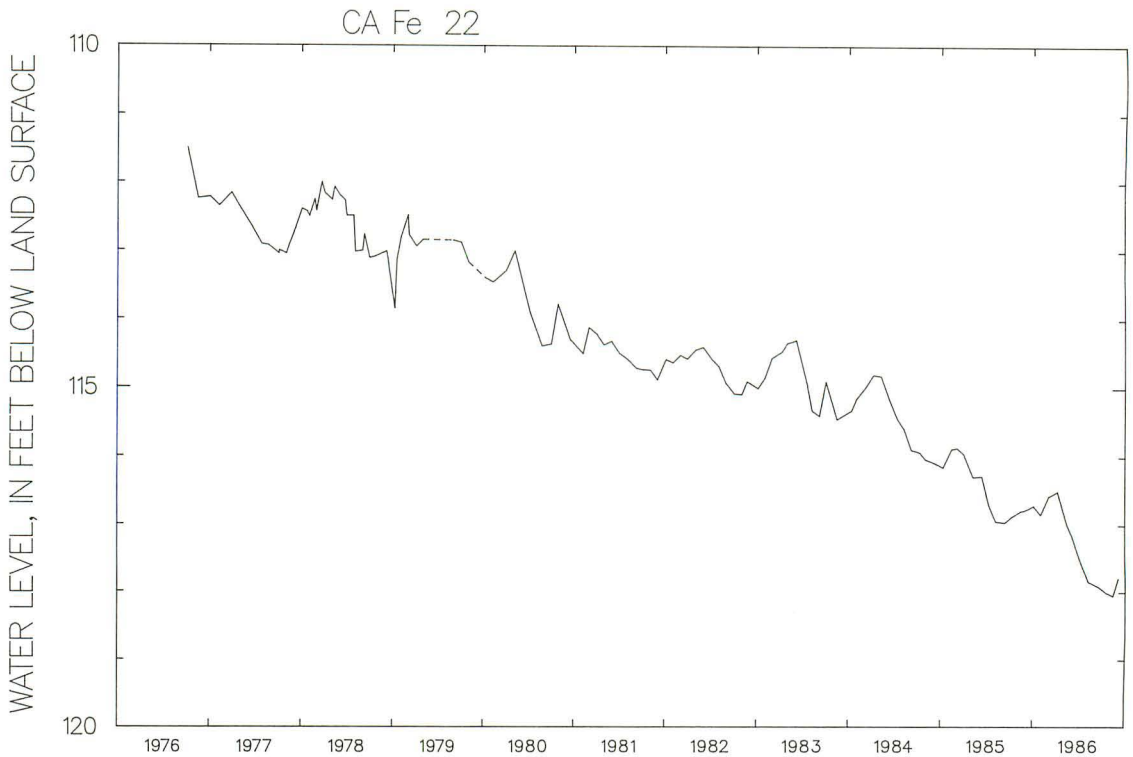
WELL NUMBER.--CA Fd 54 SITE ID.--382407076260301 PERMIT NUMBER.--CA-73-2892
LOCATION.--Lat 38°24'07", long 76°26'03", Hydrologic Unit 02060006, at Calvert Cliffs State Park.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 698 ft; casing diameter 4 in. with depth to 234 ft; casing diameter 2 in. from 234 to 641 ft, and 651 to 698 ft; screen diameter 2 in. from 641 to 651 ft.
DATUM.--Altitude of land-surface datum is 129 ft. Measuring point: Top of casing, 1.93 ft above land-surface datum.
PERIOD OF RECORD.--October 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 142.69 ft below land-surface datum, April 21, 1980; lowest measured, 170.17 ft below land-surface datum, Sept. 25, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20, 1978	150.66	AUG 04, 1980	153.34	MAR 31, 1982	156.45	OCT 31, 1984	162.75
DEC 06	152.54	18	154.22	MAY 03	156.25	DEC 10	163.06
08	152.57	SEP 02	153.73	JUN 02	156.14	JAN 09, 1985	162.30
JAN 09, 1979	152.07	OCT 03	155.18	JUL 07	156.91	FEB 12	162.37
16	152.05	06	155.26	AUG 03	157.85	MAR 05	162.80
FEB 02	152.30	NOV 12	155.10	31	159.25	APR 03	162.29
MAR 02	151.33	DEC 09	154.95	OCT 04	159.45	MAY 08	161.85
06	151.51	16	154.47	NOV 02	158.97	JUN 12	161.86
APR 05	151.58	JAN 20, 1981	154.29	24	158.09	JUL 10	162.89
24	151.40	FEB 06	154.55	JAN 06, 1983	157.05	AUG 06	163.92
MAY 01	151.25	MAR 02	154.36	FEB 03	157.47	SEP 11	164.85
JUN 05	151.25	03	154.43	MAR 02	157.38	OCT 08	165.36
JUL 09	151.22	APR 03	154.97	APR 11	156.91	NOV 13	164.43
13	151.35	21	154.91	MAY 02	156.97	DEC 03	164.25
AUG 20	153.58	MAY 01	154.41	JUN 07	156.84	JAN 03, 1986	165.36
31	153.35	JUN 01	153.84	JUL 20	156.80	31	166.32
OCT 05	154.61	02	153.96	AUG 09	157.59	MAR 04	165.99
11	155.28	JUL 01	154.18	SEP 07	158.38	APR 02	166.11
NOV 01	154.19	15	154.18	NOV 16	158.89	MAY 14	168.59
14	154.30	AUG 04	156.26	17	159.07	JUN 04	167.81
DEC 17	153.95	25	154.22	JAN 12, 1984	159.76	JUL 09	169.01
JAN 08, 1980	149.35	SEP 09	156.31	FEB 01	159.57	AUG 06	170.09
22	142.76	OCT 02	157.15	MAR 07	159.26	SEP 25	170.17
FEB 08	152.80	05	157.11	APR 11	159.64	OCT 15	170.05
MAR 11	152.10	NOV 05	156.60	MAY 09	159.94	NOV 12	169.35
APR 01	152.24	19	156.30	JUN 11	160.31	DEC 03	168.89
21	142.69	DEC 02	156.22	JUL 11	160.88		
MAY 06	151.91	JAN 05, 1982	156.52	AUG 08	161.79		
29	147.85	FEB 01	156.67	SEP 05	163.16		
JUL 07	152.72	MAR 03	156.38	OCT 09	162.70		



WELL NUMBER.--CA Fe 22 SITE ID.--382318076242401 PERMIT NUMBER.--CA-73-1386
LOCATION.--Lat 38°23'18", long 76°24'24", Hydrologic Unit 02060004, at Columbia LNG Plant, Cove Point.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 350 ft; casing diameter 6 in. with depth to 10 ft; casing diameter 2 in. from 10 to 340 ft; screen diameter 2 in. from 340 to 350 ft.
DATUM.--Altitude of land-surface datum is 120 ft. Measuring point: Top of casing, 3.4 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 111.50 ft below land-surface datum, Oct. 5, 1976; lowest measured, 118.05 below land-surface datum, Nov. 12, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 05, 1976	111.50	DEC 08, 1978	113.05	JAN 05, 1982	114.58	SEP 05, 1984	115.89
NOV 16	112.24	JAN 09, 1979	113.85	FEB 01	114.63	OCT 09	115.93
JAN 03, 1977	112.22	16	113.13	MAR 03	114.52	31	116.03
FEB 08	112.35	FEB 02	112.80	31	114.57	DEC 10	116.09
MAR 29	112.16	MAR 02	112.48	MAY 03	114.44	JAN 09, 1985	116.15
MAY 03	112.38	06	112.77	JUN 02	114.40	FEB 12	115.88
JUN 14	112.63	APR 05	112.94	JUL 07	114.58	MAR 05	115.86
JUL 27	112.91	MAY 01	112.84	AUG 03	114.68	APR 01	115.95
AUG 24	112.93	AUG 31	112.85	31	114.92	MAY 08	116.29
OCT 03	113.05	OCT 02	112.88	OCT 04	115.08	JUN 12	116.28
04	113.00	NOV 01	113.17	NOV 02	115.09	JUL 10	116.70
NOV 01	113.05	JAN 08, 1980	113.40	24	114.90	AUG 06	116.94
15	112.90	FEB 08	113.46	JAN 06, 1983	115.00	SEP 11	116.96
DEC 02	112.74	APR 01	113.29	FEB 03	114.84	OCT 08	116.87
JAN 03, 1978	112.39	MAY 06	113.00	MAR 02	114.56	NOV 13	116.79
23	112.43	JUL 07	113.90	APR 12	114.46	DEC 03	116.77
FEB 01	112.50	AUG 25	114.39	MAY 02	114.34	JAN 03, 1986	116.71
22	112.25	OCT 01	114.36	JUN 07	114.30	31	116.84
MAR 01	112.42	28	113.78	JUL 20	114.93	MAR 04	116.57
22	112.00	DEC 16	114.29	AUG 09	115.32	APR 08	116.50
APR 03	112.16	FEB 06, 1981	114.50	SEP 07	115.40	MAY 14	116.97
MAY 02	112.26	MAR 02	114.12	OCT 03	114.90	JUN 04	117.15
12	112.07	APR 03	114.22	NOV 16	115.45	JUL 09	117.56
JUN 01	112.19	MAY 01	114.37	JAN 12, 1984	115.32	AUG 06	117.84
23	112.27	JUN 01	114.32	FEB 01	115.15	SEP 17	117.92
JUL 27	112.49	JUL 01	114.49	MAR 07	114.99	OCT 15	118.00
AUG 03	113.02	AUG 04	114.58	APR 09	114.80	NOV 12	118.05
SEP 01	113.00	SEP 09	114.71	MAY 09	114.82	DEC 03	117.80
08	112.76	OCT 02	114.73	JUN 11	115.16		
OCT 20	113.09	NOV 05	114.74	JUL 11	115.43		
DEC 06	113.01	DEC 02	114.88	AUG 08	115.59		



WELL NUMBER.--CA Gd 6 SITE ID.--381952076270901

LOCATION.--Lat 38°19'52", long 76°27'09", Hydrologic Unit 02060006, at the Lord Calvert Yacht Club, 0.5 mi northeast of Solomons.
Owner: Calvert Marina.

AQUIFER.--Aquia Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 493 ft; casing diameter 8 in. with depth to 272 ft; casing diameter 6 in. with depth to 472 ft; screened from 469 to 493 ft.

DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of pump base, 10 ft above land-surface datum.

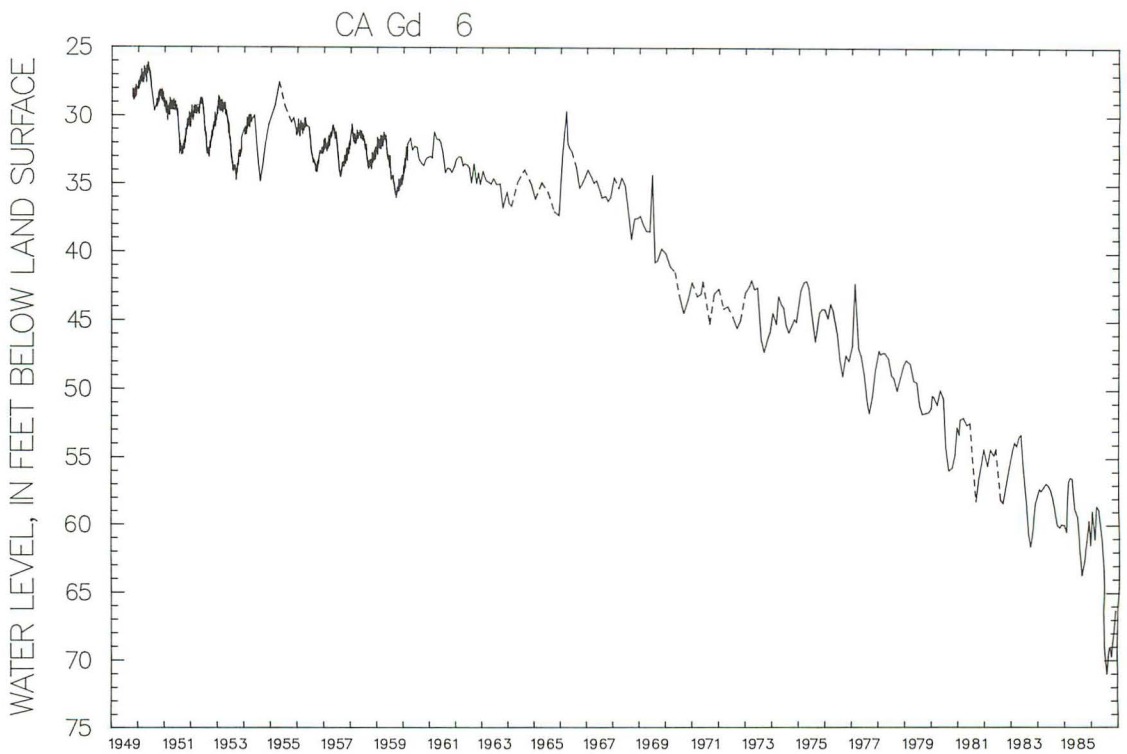
REMARKS.--Water level reported at land surface 1942; water level measured 58.9 ft below land-surface datum, Jan. 13, 1944. Equipped with water-level recorder Oct. 19, 1949 to Feb. 25, 1960.

PERIOD OF RECORD.-- October 1949 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.15 ft below land-surface datum May 18, 1950; lowest measured, 70.99 ft below land-surface datum, Aug. 6, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 13, 1949	28.64	OCT 01, 1952	31.78	NOV 01, 1956	32.60	OCT 01, 1959	35.30
22	28.32	16	31.16	21	32.75	16	35.18
NOV 01	28.41	NOV 01	31.08	DEC 01	32.53	NOV 01	34.95
15	28.05	15	30.70	15	32.42	15	34.91
DEC 01	28.16	DEC 01	30.81	JAN 01, 1957	32.24	DEC 01	34.85
06	28.19	10	30.06	09	31.76	16	34.59
JAN 01, 1950	27.69	JAN 01, 1953	29.45	FEB 01	32.31	JAN 01, 1960	34.17
16	27.71	16	29.28	14	31.97	16	33.53
FEB 01	27.26	FEB 01	29.34	MAR 01	31.47	FEB 01	32.75
14	26.97	14	29.05	16	31.98	13	33.07
MAR 01	26.93	MAR 01	29.37	APR 01	31.53	APR 05	31.63
16	26.96	16	29.48	15	31.39	MAY 02	32.52
APR 01	26.78	APR 01	29.05	MAY 01	30.73	31	32.23
15	27.18	15	29.88	16	31.32	JUL 05	32.32
MAY 01	26.55	MAY 01	29.66	JUN 01	31.50	AUG 02	33.18
16	26.34	16	30.50	15	31.45	SEP 08	33.49
JUN 01	26.72	JUN 01	30.52	JUL 01	32.51	OCT 05	33.64
14	26.82	15	31.59	16	33.30	NOV 08	33.13
AUG 10	29.63	JUL 01	32.68	AUG 01	34.19	DEC 07	33.01
11	29.64	16	33.36	16	34.23	JAN 04, 1961	32.96
SEP 07	29.19	AUG 01	33.98	SEP 01	33.75	FEB 01	33.07
18	29.25	16	33.81	15	33.62	MAR 02	31.17
OCT 01	29.05	SEP 01	34.12	OCT 01	33.47	APR 04	31.69
16	28.85	15	34.16	16	33.32	MAY 08	31.74
NOV 01	28.24	OCT 01	33.56	NOV 01	32.72	31	31.96
15	28.78	09	33.62	15	32.48	JUN 27	32.68
DEC 01	28.93	NOV 01	32.71	DEC 01	32.58	AUG 02	34.17
16	28.97	14	32.72	13	32.45	30	33.81
JAN 01, 1951	29.16	DEC 30	30.95	JAN 07, 1958	31.15	OCT 03	33.87
16	29.54	JAN 07, 1954	31.20	19	31.23	31	34.15
FEB 01	29.14	19	31.15	FEB 01	31.31	DEC 05	33.68
14	29.82	FEB 01	31.17	14	31.53	JAN 02, 1962	33.19
MAR 01	29.51	14	30.71	MAR 01	31.65	FEB 06	32.98
16	29.24	MAR 01	29.96	16	31.77	MAR 09	33.01
APR 01	29.00	16	30.86	APR 01	31.49	APR 05	33.66
15	29.07	APR 01	30.12	08	31.44	24	33.50
MAY 01	29.36	07	30.28	MAY 06	31.14	JUN 05	33.59
16	29.57	MAY 19	29.95	18	31.42	JUL 03	33.81
JUN 01	29.48	JUN 30	32.76	JUN 01	31.49	AUG 01	34.92
14	29.26	AUG 06	34.83	15	31.55	SEP 04	33.50
JUL 09	30.64	SEP 15	33.43	JUL 01	31.73	OCT 09	34.96
20	31.52	OCT 12	32.26	16	32.22	NOV 05	34.16
AUG 01	32.10	NOV 29	30.67	AUG 01	32.10	DEC 03	35.02
16	32.52	DEC 28	30.18	16	33.28	JAN 08, 1963	34.04
SEP 01	32.41	FEB 25, 1955	29.26	SEP 01	33.67	FEB 13	34.64
15	32.10	APR 26	27.54	15	33.62	MAR 05	34.79
OCT 01	32.25	JUL 11	29.30	OCT 01	33.71	APR 02	34.85
16	31.68	OCT 05	30.47	16	33.60	30	35.00
NOV 01	30.91	NOV 07	30.14	NOV 01	33.30	JUN 03	34.57
15	30.37	DEC 12	31.07	15	33.05	JUL 16	35.02
DEC 01	30.13	21	31.28	DEC 01	33.17	SEP 03	34.97
14	30.35	JAN 01, 1956	30.91	16	32.57	OCT 11	36.71
JAN 04, 1952	29.73	16	30.57	JAN 01, 1959	32.20	DEC 10	35.57
17	29.95	FEB 01	31.07	16	31.72	JAN 06, 1964	36.38
FEB 01	30.09	15	30.67	FEB 01	32.22	FEB 10	36.60
15	29.68	MAR 01	30.86	14	31.93	MAY 06	34.82
MAR 01	29,70	16	31.03	MAR 01	31.81	AUG 10	33.91
16	29.58	APR 01	30.85	16	31.72	NOV 12	35.00
APR 01	29.40	15	30.28	APR 01	31.45	JAN 07, 1965	36.08
15	29.61	MAY 01	30.72	15	31.68	APR 06	34.87
MAY 01	29.15	JUN 05	30.86	MAY 01	31.80	JUL 07	35.62
16	29.12	17	31.64	19	32.84	SEP 30	37.00
JUN 01	29.00	JUL 01	32.27	JUN 01	32.87	DEC 03	37.26
15	29.40	10	32.74	16	33.60	JAN 20, 1966	33.00
JUL 01	30.50	AUG 01	33.29	JUL 01	33.77	MAR 17	29.62
16	31.43	16	33.29	16	34.57	APR 06	32.01
AUG 01	32.50	SEP 01	33.75	AUG 01	34.53	27	32.30
16	32.41	15	33.85	16	34.82	MAY 31	32.58
SEP 01	32.37	OCT 01	33.80	SEP 01	35.31	AUG 02	33.75
15	31.93	12	33.44	15	35.61	SEP 16	35.27

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 20, 1966	34.96	MAR 23, 1973	42.00	FEB 22, 1978	47.28	APR 07, 1983	53.38
NOV 30	34.45	MAY 01	42.66	MAR 22	47.28	MAY 02	53.25
JAN 10, 1967	33.92	JUN 12	42.53	MAY 12	47.69	JUN 07	55.93
MAR 02	34.46	JUL 31	46.31	JUN 23	48.90	JUL 20	58.48
APR 04	34.90	SEP 10	47.23	JUL 27	49.13	AUG 09	60.65
MAY 10	34.71	OCT 31	46.21	SEP 08	50.05	SEP 07	61.57
JUL 03	35.55	NOV 30	45.77	OCT 20	49.16	OCT 03	60.59
24	35.97	JAN 08, 1974	44.36	DEC 06	48.17	NOV 16	58.35
SEP 13	35.86	FEB 25	45.20	JAN 09, 1979	47.79	JAN 12, 1984	57.23
OCT 19	36.22	MAR 28	43.15	MAR 06	48.06	FEB 01	57.42
NOV 21	35.93	MAY 07	43.77	APR 24	49.30	MAR 07	57.14
JAN 11, 1968	34.46	JUN 06	43.99	JUN 05	49.45	APR 09	56.85
MAR 14	35.27	JUL 09	45.26	JUL 13	51.10	MAY 11	57.02
APR 25	34.49	AUG 13	45.83	AUG 20	51.74	JUN 11	57.33
JUN 11	35.07	SEP 20	45.35	OCT 11	51.66	JUL 11	57.97
JUL 18	36.60	OCT 31	44.82	NOV 14	51.60	AUG 08	58.88
SEP 07	38.99	NOV 26	45.05	DEC 17	51.31	SEP 05	59.98
OCT 21	37.50	JAN 06, 1975	43.54	JAN 03, 1980	50.37	OCT 09	60.16
DEC 03	37.44	29	42.71	22	50.48	31	59.93
JAN 08, 1969	37.29	MAR 12	42.12	MAR 11	51.06	DEC 10	59.97
FEB 19	37.92	APR 15	42.04	APR 21	49.97	JAN 09, 1985	60.48
APR 03	38.41	MAY 15	42.52	JUN 03	50.58	FEB 12	56.72
MAY 20	38.45	JUL 02	44.67	JUL 07	54.15	MAR 05	56.42
JUN 23	34.28	AUG 14	46.48	AUG 18	55.90	APR 03	56.50
AUG 01	40.71	OCT 10	44.35	OCT 06	55.66	MAY 08	58.78
SEP 04	40.56	NOV 14	44.09	NOV 12	54.73	JUN 12	59.35
NOV 01	39.69	DEC 18	44.09	DEC 09	52.70	JUL 10	61.98
DEC 29	40.04	30	44.18	JAN 05, 1981	53.26	AUG 06	63.69
FEB 27, 1970	40.98	FEB 03, 1976	44.78	20	52.15	SEP 11	62.64
MAY 05	41.43	MAR 10	43.70	MAR 03	51.99	OCT 08	61.41
JUL 08	43.24	APR 13	44.19	APR 21	52.56	NOV 15	59.65
SEP 03	44.40	JUN 10	45.93	JUN 02	52.40	DEC 03	61.48
OCT 29	43.47	JUL 14	47.73	AUG 25	58.18	JAN 03, 1986	58.95
DEC 28	42.16	AUG 24	48.99	OCT 05	56.43	31	61.05
MAR 08, 1971	43.19	OCT 05	47.45	NOV 19	55.14	MAR 04	58.57
APR 29	42.98	NOV 16	47.89	DEC 10	54.30	APR 02	58.84
MAY 25	42.08	JAN 03, 1977	46.77	FEB 02, 1982	55.56	MAY 14	61.36
AUG 25	45.17	FEB 08	42.21	MAR 11	54.33	JUN 04	63.27
OCT 27	42.99	MAR 29	46.96	APR 28	54.77	JUL 09	68.99
DEC 29	42.63	MAY 03	47.52	MAY 25	54.27	AUG 06	70.99
MAR 04, 1972	44.08	JUN 14	48.84	JUL 27	58.07	SEP 12	69.10
APR 28	43.91	JUL 27	50.95	AUG 30	58.33	25	69.01
JUL 07	44.65	AUG 24	51.69	OCT 22	56.70	OCT 15	69.70
SEP 02	45.51	OCT 04	50.48	NOV 18	55.86	NOV 12	67.98
OCT 21	44.90	NOV 15	48.49	JAN 06, 1983	54.46	DEC 03	66.33
DEC 29	42.88	JAN 03, 1978	47.09	FEB 03	53.80		
FEB 20, 1973	42.43	23	47.39	MAR 02	54.09		



WELL NUMBER.--CO Bc 1 SITE ID.--390333075504501
LOCATION.--Lat 39°03'33", long 75°50'45", Hydrologic Unit 02060005, at Baltimore Corner.
Owner: Maryland State Highway Administration.
AQUIFER.--Pleistocene.
WELL CHARACTERISTICS.--Driven unused water-table well, depth 20.5 ft; casing diameter 1.25 in. with depth to 20.5 ft.
DATUM.--Altitude of land-surface datum is 50 ft. Measuring point: Top of casing, 0.25 above land-surface datum.
PERIOD OF RECORD.--August 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.25 ft above land-surface datum, Nov. 27, 1951; lowest measured 4.37 ft below land-surface datum, Oct. 11, 1957.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 17, 1949	-2.10	JUN 02, 1955	-3.55	JUN 02, 1961	-2.71	JUN 17, 1967	-2.80
SEP 09	-2.30	JUL 11	-3.67	29	-2.72	JUL 24	-2.86
27	-2.42	SEP 07	-3.01	AUG 04	-3.16	SEP 02	-2.04
OCT 29	-2.72	30	-3.15	SEP 01	-3.39	28	-2.71
NOV 29	-1.73	NOV 01	-3.32	OCT 04	-3.72	NOV 07	-2.66
DEC 29	-1.25	DEC 08	-3.42	NOV 03	-3.63	DEC 04	-1.87
JAN 31, 1950	-0.85	JAN 13, 1956	-3.63	DEC 08	-3.52	JAN 03, 1968	-1.87
FEB 28	-0.59	FEB 02	-3.06	JAN 05, 1962	-2.60	FEB 23	-2.52
MAR 31	-0.29	MAR 02	-2.97	FEB 09	-2.51	MAR 26	-1.90
APR 24	-0.42	APR 06	-2.88	MAR 08	-1.62	APR 30	-2.60
MAY 31	-0.32	MAY 04	-3.15	APR 04	-2.10	JUN 05	-2.32
JUL 03	-1.21	JUN 08	-3.31	MAY 14	-2.66	JUL 15	-2.70
AUG 02	-1.33	JUL 06	-3.58	JUN 08	-2.94	AUG 15	-3.11
28	-1.93	AUG 03	-3.62	JUL 06	-3.12	SEP 30	-3.68
OCT 01	-0.30	SEP 07	-3.59	AUG 08	-3.25	NOV 19	-2.96
26	-0.05	OCT 05	-3.85	SEP 07	-3.51	JAN 03, 1969	-2.96
DEC 01	-0.03	NOV 02	-0.10	OCT 12	-3.83	20	-3.02
JAN 02, 1951	-0.19	DEC 07	-2.81	NOV 13	-3.86	FEB 25	-2.10
31	-0.22	JAN 09, 1957	-2.75	DEC 13	-2.92	MAR 31	-2.34
MAR 01	-0.05	FEB 12	-2.43	JAN 11, 1963	-2.59	MAY 07	-2.72
APR 02	-0.06	MAR 08	-2.35	FEB 14	-2.29	JUN 04	-2.66
MAY 01	-0.39	APR 04	-2.82	MAR 08	-1.91	JUL 14	-2.64
30	-0.49	MAY 03	-3.14	APR 09	-2.53	SEP 09	-2.36
JUL 02	-0.46	30	-3.50	MAY 03	-2.85	OCT 29	-2.85
30	-0.43	JUL 08	-3.65	JUN 11	-2.90	DEC 12	-1.94
AUG 31	-1.50	AUG 21	-4.09	JUL 19	-3.44	JAN 14, 1970	-2.08
OCT 01	-1.02	SEP 12	-4.20	SEP 06	-3.76	30	-1.89
29	-0.75	OCT 11	-4.37	24	-3.14	MAR 16	-2.33
NOV 27	0.25	NOV 15	-3.79	NOV 04	-3.41	APR 20	-1.20
DEC 29	0.12	DEC 10	-2.22	DEC 13	-2.17	JUN 05	-2.37
JAN 31, 1952	-2.74	JAN 16, 1958	-2.24	JAN 23, 1964	-1.66	JUL 13	-2.75
FEB 28	-3.42	FEB 11	-2.48	FEB 05	-2.07	SEP 23	-3.51
MAR 31	-3.25	MAR 07	-2.39	MAR 02	-1.77	OCT 08	-3.62
APR 29	-2.36	APR 08	-2.25	APR 10	-1.70	NOV 16	-2.90
JUN 02	-2.60	MAY 09	-2.14	MAY 06	-2.12	JAN 26, 1971	-2.33
JUL 01	-3.77	JUN 06	-2.93	JUN 11	-2.94	FEB 26	-1.73
AUG 01	-3.88	JUL 03	-3.03	30	-3.24	MAR 23	-2.12
SEP 02	-3.07	AUG 05	-2.75	AUG 06	-3.48	MAY 04	-2.55
OCT 01	-3.80	SEP 10	-2.66	SEP 02	-3.81	JUN 14	-2.48
30	-3.95	OCT 03	-2.60	OCT 07	-3.97	AUG 04	-3.39
DEC 01	-3.24	NOV 07	-2.41	NOV 13	-3.48	06	-3.12
31	-3.20	DEC 05	-2.50	DEC 01	-3.42	OCT 08	-2.14
FEB 02, 1953	-2.98	31	-2.61	JAN 07, 1965	-2.66	NOV 08	-2.14
27	-2.91	FEB 06, 1959	-2.52	FEB 03	-2.39	DEC 14	-2.11
MAR 31	-2.77	MAR 06	-1.98	MAR 18	-2.05	JAN 11, 1972	-1.82
APR 30	-3.16	APR 03	-0.27	APR 02	-2.04	FEB 15	-2.07
JUN 02	-2.65	MAY 08	-2.92	MAY 18	-2.74	MAR 08	-2.31
30	-3.64	JUN 09	-3.25	JUN 07	-2.95	APR 06	-2.64
JUL 31	-3.83	JUL 02	-3.41	JUL 07	-3.28	MAY 03	-2.54
SEP 01	-3.76	AUG 08	-3.26	30	-3.47	JUN 08	-3.00
30	-4.08	SEP 04	-3.51	SEP 07	-3.84	JUL 12	-2.60
NOV 04	-3.79	OCT 14	-3.57	OCT 01	-3.95	SEP 09	-3.25
30	-3.30	NOV 13	-3.11	NOV 05	-4.12	OCT 12	-2.84
DEC 29	-2.98	JAN 08, 1960	-2.19	DEC 01	-4.17	NOV 13	-2.46
FEB 01, 1954	-2.70	FEB 05	-2.49	JAN 03, 1966	-4.22	DEC 08	-2.20
MAR 01	-2.42	MAR 02	-1.30	FEB 15	-3.06	JAN 09, 1973	-2.34
APR 02	-2.91	APR 12	-2.30	MAR 14	-2.97	FEB 08	-1.83
MAY 03	-3.04	MAY 05	-2.80	APR 09	-3.13	MAR 06	-2.50
27	-3.26	JUN 07	-2.85	MAY 10	-2.81	APR 05	-1.85
JUN 28	-3.71	JUL 07	-3.12	JUN 06	-2.79	MAY 05	-2.58
JUL 30	-3.87	AUG 04	-2.30	JUL 18	-3.23	JUN 05	-2.83
SEP 02	-4.10	SEP 07	-2.61	AUG 29	-3.89	JUL 19	-3.35
28	-4.18	OCT 10	-3.61	OCT 10	-2.77	AUG 09	-3.67
NOV 02	-4.21	NOV 04	-2.01	NOV 16	-2.50	SEP 04	-3.83
DEC 08	-3.83	DEC 08	-2.39	DEC 13	-2.61	OCT 11	-3.94
30	-2.84	JAN 06, 1961	-1.86	JAN 03, 1967	-1.78	NOV 07	-3.93
FEB 02, 1955	-3.42	FEB 03	-2.19	FEB 02	-2.22	DEC 13	-3.75
MAR 02	-2.57	MAR 07	-1.94	28	-2.09	JAN 10, 1974	-2.37
29	-2.92	APR 07	-2.19	APR 11	-2.36	FEB 14	-2.35
APR 28	-3.03	MAY 05	-2.28	MAY 15	-2.29	MAR 14	-2.92

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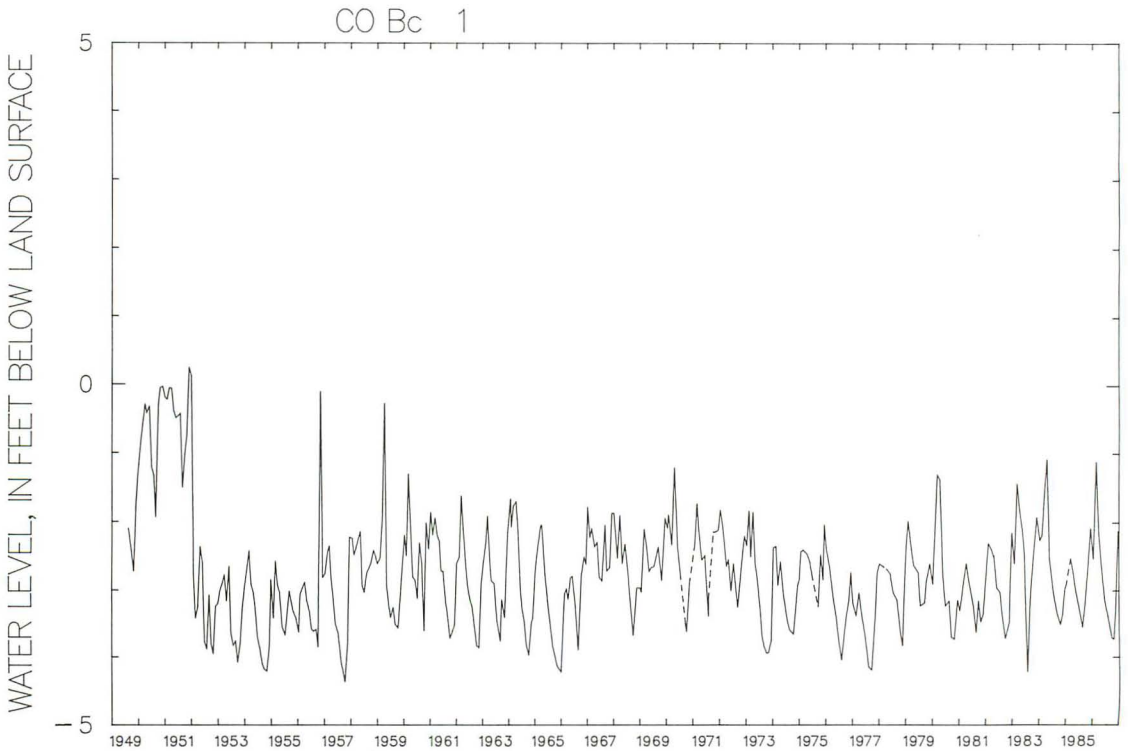
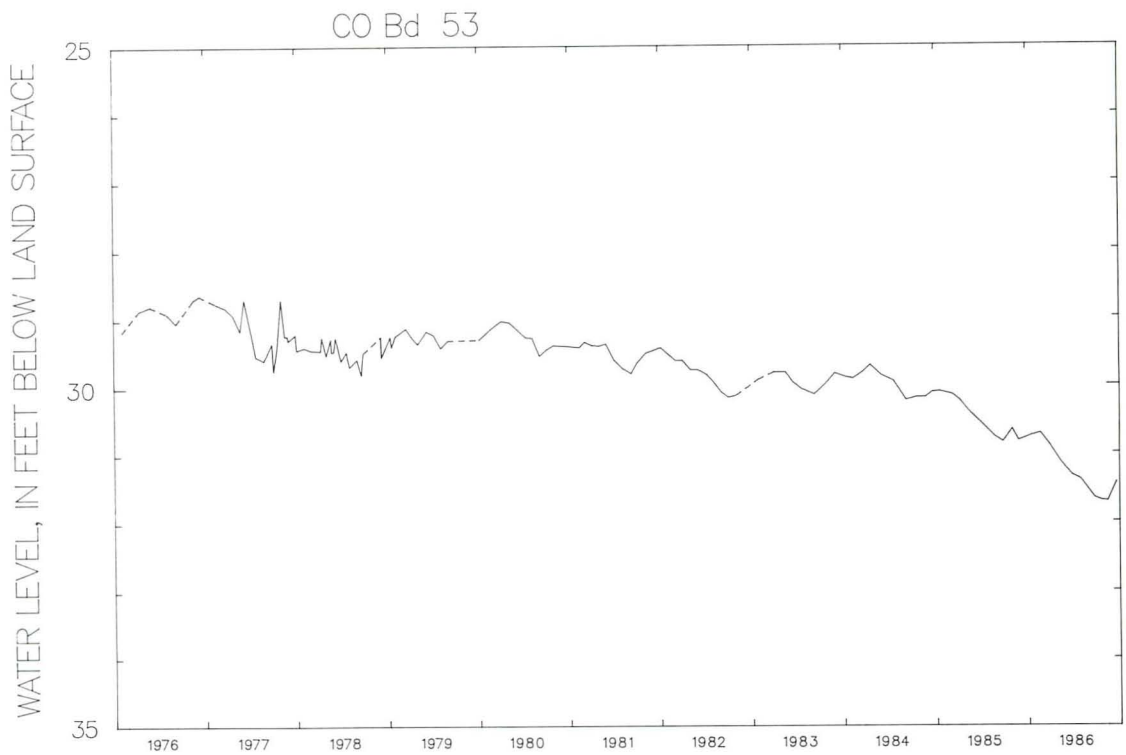
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 18, 1974	-2.57	AUG 09, 1977	-4.14	JAN 05, 1981	-3.30	JAN 10, 1984	-2.26
MAY 30	-3.07	SEP 19	-4.19	FEB 05	-3.08	FEB 09	-2.18
JUL 18	-3.43	NOV 08	-3.38	18	-2.95	MAR 16	-1.55
AUG 21	-3.59	DEC 05	-2.73	APR 06	-2.59	APR 16	-1.08
OCT 15	-3.66	JAN 04, 1978	-2.60	MAY 04	-2.81	MAY 22	-2.52
DEC 09	-2.93	APR 08	-2.68	JUN 11	-3.03	JUL 17	-3.05
JAN 02, 1975	-2.83	12	-2.68	JUL 13	-3.23	SEP 05	-3.36
22	-2.43	MAY 30	-2.75	AUG 17	-3.63	OCT 18	-3.51
FEB 21	-2.40	JUL 11	-3.03	SEP 21	-3.15	NOV 19	-3.35
APR 17	-2.46	SEP 01	-3.14	OCT 20	-3.47	DEC 19	-2.97
MAY 23	-2.57	OCT 18	-3.64	NOV 24	-3.35	JAN 02, 1985	-2.93
JUN 23	-2.76	NOV 15	-3.83	DEC 29	-2.83	MAR 08	-2.52
SEP 18	-3.24	DEC 14	-2.93	FEB 02, 1982	-2.30	APR 08	-2.70
OCT 20	-2.47	JAN 04, 1979	-2.35	MAR 16	-2.39	MAY 13	-2.97
NOV 24	-2.84	29	-1.98	APR 19	-2.50	JUL 10	-3.31
DEC 09	-2.03	MAR 15	-2.36	20	-2.48	AUG 16	-3.55
JAN 05, 1976	-2.37	APR 17	-2.62	MAY 28	-2.95	SEP 23	-3.20
FEB 23	-2.66	JUN 18	-2.73	JUL 12	-3.02	NOV 04	-2.61
APR 14	-3.13	JUL 18	-3.23	AUG 11	-3.36	DEC 06	-2.08
MAY 19	-3.38	SEP 14	-3.18	SEP 20	-3.72	JAN 13, 1986	-2.53
JUN 22	-3.71	OCT 05	-2.88	NOV 15	-3.48	FEB 20	-1.11
AUG 05	-4.04	NOV 23	-2.60	DEC 20	-2.14	MAR 27	-2.15
10	-3.98	JAN 04, 1980	-2.90	JAN 27, 1983	-2.60	MAY 12	-2.72
OCT 05	-3.40	MAR 04	-1.30	MAR 02	-1.43	JUN 25	-3.18
NOV 12	-3.15	APR 08	-1.38	APR 06	-1.82	JUL 29	-3.37
DEC 08	-2.73	MAY 21	-2.78	MAY 19	-2.15	SEP 23	-3.71
JAN 04, 1977	-3.18	JUN 24	-3.23	JUN 14	-2.49	OCT 20	-3.73
FEB 18	-3.38	AUG 13	-3.15	JUL 20	-4.21	NOV 14	-3.35
MAR 30	-3.03	SEP 10	-3.70	SEP 07	-3.04	DEC 18	-2.13
MAY 09	-3.38	OCT 20	-3.73	OCT 24	-2.35		
JUN 21	-3.67	DEC 08	-3.14	NOV 29	-1.92		



WELL NUMBER.--CO Bd 53 SITE ID.--390227075470201 PERMIT NUMBER.--CO-73-0541
LOCATION.--Lat 39°02'27", long 75°47'02", Hydrologic Unit 02060005, nr MD Rt. 311, Goldsboro.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 312 ft; casing diameter 6 in. with depth to 70 ft; casing diameter 2 in. from 70 to 300 ft; screen diameter 2 in. from 300 to 312 ft.
DATUM.--Altitude of land-surface datum is 60 ft. Measuring point: Top of casing, 2.6 ft above land-surface datum.
PERIOD OF RECORD.--February 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.64 ft below land-surface datum, Dec. 10, 1976; lowest measured, 31.71 ft below land-surface datum, Nov. 14, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04, 1976	29.16	JUL 20, 1978	29.47	MAR 04, 1981	29.34	APR 17, 1984	29.70
APR 13	28.85	AUG 02	29.69	APR 02	29.39	MAY 29	29.85
MAY 27	28.79	31	29.58	30	29.40	JUL 18	29.94
AUG 03	28.90	SEP 18	29.81	MAY 29	29.37	SEP 05	30.22
SEP 08	29.04	25	29.49	JUN 30	29.60	OCT 15	30.18
NOV 18	28.69	DEC 04	29.25	AUG 03	29.73	NOV 20	30.18
DEC 10	28.64	07	29.55	SEP 08	29.81	DEC 19	30.10
FEB 15, 1977	28.76	JAN 11, 1979	29.25	30	29.66	JAN 15, 1985	30.09
MAR 25	28.82	16	29.40	NOV 06	29.51	MAR 08	30.14
APR 25	28.93	FEB 01	29.24	JAN 04, 1982	29.43	APR 08	30.23
MAY 23	29.16	MAR 07	29.15	MAR 04	29.62	MAY 13	30.39
JUN 09	28.70	15	29.13	APR 01	29.62	JUL 10	30.60
JUL 25	29.53	APR 06	29.25	MAY 04	29.76	AUG 22	30.76
AUG 26	29.59	MAY 02	29.36	JUN 01	29.76	SEP 24	30.84
SEP 27	29.34	JUN 05	29.17	JUL 06	29.83	OCT 31	30.65
OCT 04	29.75	JUL 05	29.23	AUG 02	29.94	NOV 25	30.82
17	29.41	AUG 02	29.42	SEP 02	30.09	JAN 13, 1986	30.75
NOV 02	28.70	30	29.31	OCT 01	30.17	FEB 20	30.71
17	29.23	JAN 03, 1980	29.30	NOV 01	30.14	MAR 27	30.88
DEC 01	29.30	FEB 20	29.14	JAN 27, 1983	29.91	MAY 12	31.14
29	29.21	APR 02	29.03	MAR 31	29.80	JUN 25	31.33
JAN 04, 1978	29.44	MAY 05	29.05	MAY 17	29.80	JUL 29	31.39
FEB 02	29.40	20	29.10	JUN 14	29.95	SEP 23	31.66
MAR 02	29.44	JUL 10	29.27	JUL 19	30.05	OCT 20	31.70
APR 04	29.45	AUG 05	29.28	SEP 07	30.13	NOV 14	31.71
09	29.45	SEP 03	29.54	OCT 24	29.97	DEC 18	31.44
MAY 01	29.52	OCT 02	29.45	NOV 28	29.82		
19	29.28	29	29.39	JAN 12, 1984	29.88		
JUN 07	29.26	DEC 18	29.40	FEB 08	29.90		
29	29.60	FEB 12, 1981	29.42	MAR 15	29.81		



WELL NUMBER.--CO Dc 129 SITE ID.--385310075503601 PERMIT NUMBER.--CO-02-3881
LOCATION.--Lat 38°53'10", long 75°50'36", Hydrologic Unit 02060005, at West Denton.
Owner: Wilson Laurel Farms, Inc.
AQUIFER.--Choptank Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 229 ft; casing diameter 4 in. with depth to 137.4 ft.
DATUM.--Altitude of land-surface datum is 20 ft. Measuring point: Top of casing, 0.4 ft below land-surface datum.
REMARKS.--Equipped with water-level recorder Aug. 1, 1956 to June 8, 1957.
PERIOD OF RECORD.--August 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.63 ft below land-surface datum, April 5, 1973; lowest measured, 56.09 ft below land-surface datum, Nov. 5, 1965.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 01, 1956	52.31	SEP 01, 1961	38.61	SEP 21, 1967	52.50	JAN 03, 1975	28.55
03	53.60	OCT 04	47.21	NOV 07	50.58	20	24.45
SEP 03	53.00	NOV 03	43.88	DEC 04	46.69	FEB 28	14.96
07	50.38	DEC 08	44.89	JAN 03, 1968	47.29	APR 09	14.25
OCT 05	55.62	JAN 05, 1962	33.82	FEB 21	54.08	MAY 28	14.00
30	49.60	FEB 09	40.56	MAR 26	51.99	JUN 23	14.04
NOV 01	51.52	MAR 08	45.02	APR 30	43.84	SEP 18	14.09
03	52.72	APR 04	47.67	JUN 01	47.71	OCT 20	13.96
DEC 07	47.15	MAY 14	42.26	JUL 12	51.17	NOV 21	14.23
13	48.51	JUN 08	49.46	AUG 15	46.01	DEC 09	14.35
JAN 09, 1957	47.35	JUL 06	49.44	SEP 30	44.26	JAN 05, 1976	14.44
FEB 12	47.72	AUG 08	47.77	NOV 12	46.00	FEB 23	14.59
25	44.70	SEP 07	45.08	JAN 02, 1969	40.35	APR 14	14.40
MAR 01	47.10	OCT 12	47.78	23	48.64	MAY 19	14.51
18	46.55	NOV 13	45.48	FEB 24	40.40	JUN 22	14.66
APR 01	46.38	DEC 13	48.85	APR 02	42.20	AUG 05	14.81
09	46.43	JAN 11, 1963	47.64	MAY 05	40.28	10	14.76
MAY 03	51.28	FEB 14	45.62	JUN 04	49.06	OCT 05	14.73
07	46.63	MAR 08	48.14	JUL 24	51.92	NOV 08	14.61
JUN 01	45.10	APR 09	45.94	SEP 09	47.33	DEC 15	14.65
02	44.77	MAY 03	50.69	OCT 30	52.53	JAN 04, 1977	14.55
JUL 08	47.41	JUN 11	48.71	JAN 14, 1970	45.69	FEB 22	14.43
AUG 20	50.35	JUL 19	48.70	FEB 03	47.60	MAR 30	14.48
SEP 12	50.34	SEP 06	47.83	MAR 16	44.88	MAY 09	14.53
OCT 11	54.33	24	43.70	APR 20	45.89	JUN 21	14.64
NOV 15	45.28	NOV 04	40.37	JUN 16	49.31	AUG 09	15.05
DEC 10	41.25	DEC 13	53.34	JUL 13	48.19	SEP 19	14.90
JAN 16, 1958	41.95	JAN 23, 1964	49.38	SEP 23	52.48	NOV 09	14.61
FEB 11	34.99	FEB 05	51.93	OCT 08	52.82	DEC 05	14.79
MAR 07	31.56	MAR 02	47.82	NOV 12	49.83	JAN 05, 1978	14.67
APR 08	29.09	APR 10	53.20	JAN 26, 1971	33.20	FEB 28	14.49
MAY 09	46.30	MAY 06	51.81	FEB 26	36.75	APR 12	14.24
JUN 06	41.95	JUN 11	53.12	MAR 25	48.90	MAY 30	14.29
JUL 03	48.29	30	50.83	MAY 04	45.44	JUL 11	14.47
AUG 05	44.86	AUG 06	53.32	JUN 14	40.47	SEP 06	14.38
SEP 10	40.05	SEP 02	52.33	AUG 04	53.82	OCT 18	14.30
OCT 03	44.21	OCT 07	52.64	NOV 09	48.23	NOV 15	14.63
NOV 07	41.14	NOV 13	52.70	DEC 14	24.60	DEC 12	14.47
DEC 05	40.49	DEC 01	49.38	JAN 11, 1972	19.14	JAN 04, 1979	14.56
31	33.45	JAN 08, 1965	50.59	FEB 09	17.19	29	14.42
FEB 06, 1959	29.19	FEB 04	50.32	MAR 08	15.82	MAR 14	14.18
MAR 06	35.26	MAR 18	51.08	APR 07	15.09	APR 13	14.26
APR 03	35.55	APR 01	52.71	MAY 03	14.65	JUN 18	14.28
MAY 08	39.04	MAY 18	52.44	JUN 08	14.60	JUL 11	14.21
JUN 09	36.72	JUN 07	47.08	JUL 12	14.49	AUG 27	14.65
JUL 02	45.28	JUL 08	53.55	SEP 09	14.73	OCT 11	14.14
AUG 08	43.43	30	54.68	OCT 11	14.57	NOV 14	14.15
SEP 04	43.92	SEP 07	50.22	NOV 13	14.03	JAN 04, 1980	14.09
OCT 14	44.73	OCT 01	54.70	DEC 08	14.03	FEB 20	14.33
NOV 13	43.28	NOV 05	56.09	JAN 09, 1973	13.83	APR 03	14.02
JAN 08, 1960	39.76	DEC 01	53.31	FEB 08	14.34	MAY 15	13.94
FEB 05	39.15	JAN 04, 1966	50.49	MAR 06	14.03	JUN 27	14.50
MAR 02	45.82	FEB 15	52.00	APR 05	13.63	AUG 14	14.67
APR 12	46.80	MAR 14	47.73	MAY 05	13.97	SEP 10	14.68
MAY 05	50.78	APR 09	52.59	JUN 05	14.24	OCT 21	14.56
JUN 07	46.02	28	55.06	JUL 19	14.62	DEC 08	14.29
JUL 07	46.23	JUN 10	54.78	AUG 09	14.64	JAN 05, 1981	14.40
AUG 04	49.50	AUG 02	53.49	SEP 04	14.24	FEB 06	14.50
SEP 07	43.11	29	51.62	OCT 11	14.78	18	14.50
OCT 10	36.94	OCT 13	54.79	NOV 11	20.79	APR 06	14.51
NOV 04	49.07	NOV 14	46.72	DEC 13	14.51	MAY 06	14.49
DEC 08	55.00	DEC 13	52.29	JAN 10, 1974	15.37	JUN 11	14.74
JAN 06, 1961	47.69	JAN 03, 1967	51.03	FEB 14	47.57	JUL 13	14.84
FEB 03	44.88	FEB 02	51.36	MAR 14	52.26	AUG 17	15.50
MAR 07	38.92	28	49.97	APR 18	35.96	SEP 30	15.07
APR 07	37.29	APR 11	47.57	MAY 30	29.27	OCT 20	15.08
MAY 05	42.03	MAY 15	43.28	JUL 18	16.88	NOV 24	14.99
JUN 02	41.90	JUN 21	49.91	AUG 21	15.97	DEC 29	14.89
29	43.61	JUL 23	45.56	OCT 11	19.41	FEB 02, 1982	14.79
AUG 04	43.89	SEP 02	50.20	DEC 09	29.68	MAR 16	14.55

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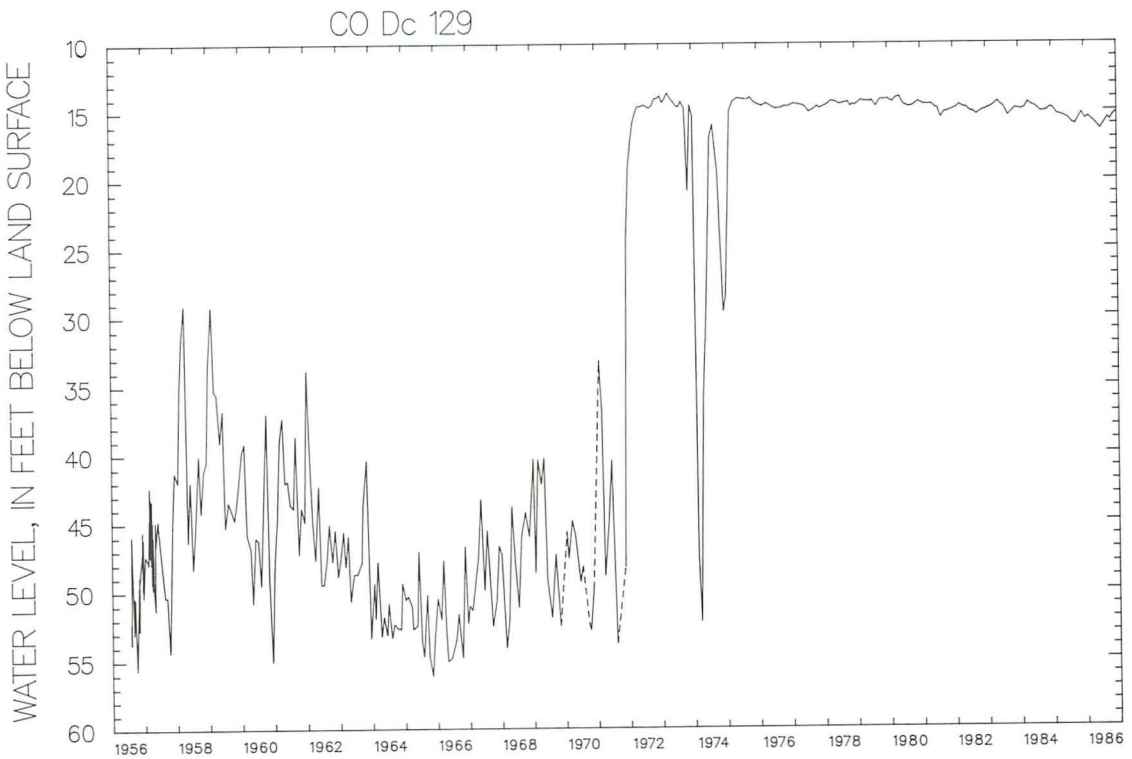
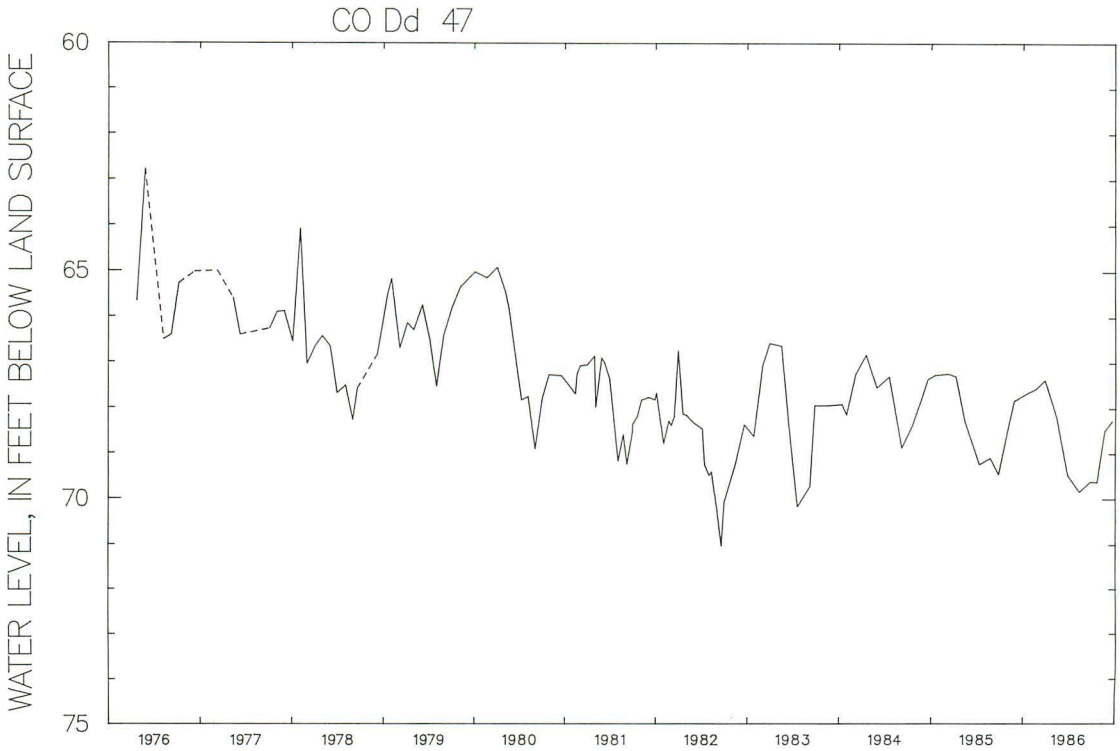
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 20 , 1982	14.73	SEP 07, 1983	15.40	DEC 19, 1984	14.81	MAR 27, 1986	15.74
MAY 28	14.76	OCT 25	15.06	JAN 15, 1985	14.84	MAY 12	16.01
JUL 15	15.05	NOV 28	14.84	MAR 08	15.32	JUL 03	16.42
AUG 11	15.08	JAN 12, 1984	14.91	APR 08	15.35	AUG 11	16.02
SEP 20	15.30	FEB 08	14.93	MAY 13	15.43	SEP 23	15.57
NOV 15	15.03	MAR 15	14.80	JUL 09	15.62	OCT 20	15.77
JAN 27, 1983	14.83	APR 17	14.40	AUG 22	15.96	NOV 19	15.40
MAR 03	14.72	MAY 29	14.62	SEP 24	16.07	DEC 18	15.24
31	14.58	JUL 17	14.77	OCT 31	15.62		
MAY 17	14.32	SEP 05	15.10	DEC 06	15.22		
JUN 14	14.55	OCT 18	15.08	JAN 13, 1986	15.69		
JUL 20	14.74	NOV 20	15.00	FEB 20	15.50		



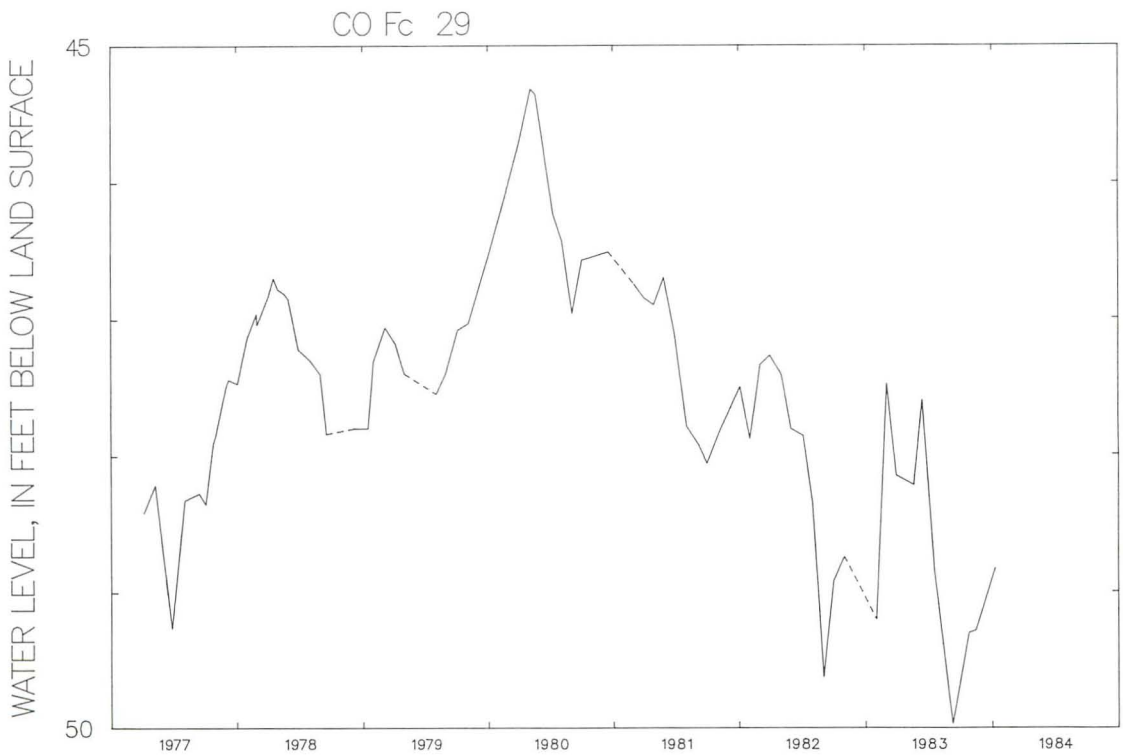
WELL NUMBER.--CO Dd 47 SITE ID.--385217075490601 PERMIT NUMBER.--CO-73-0486
LOCATION.--Lat 38°52'17", long 75°49'06", Hydrologic Unit 02060005, at Denton Sewage Lagoon.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 380 ft; casing diameter 4 in. with depth to 86 ft, casing diameter 2 in. from 86 to 365 ft; screen diameter 2 in. from 365 to 375 ft.
DATUM.--Altitude of land-surface datum is 46 ft. Measuring point: Top of casing, 2.4 ft above land-surface datum.
PERIOD OF RECORD.--April 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 62.78 ft below land-surface datum, May 27, 1976; lowest measured, 71.03 ft below land-surface datum, Sept. 20, 1982.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 23, 1976	65.65	AUG 02, 1979	67.53	NOV 06, 1981	67.82	JAN 12, 1984	67.91
MAY 27	62.78	30	66.41	27	67.78	30	68.14
AUG 08	66.50	OCT 04	65.78	DEC 02	67.76	MAR 06	67.25
SEP 08	66.40	NOV 05	65.35	29	67.82	APR 17	66.82
OCT 08	65.27	JAN 03, 1980	65.02	JAN 04, 1982	67.67	MAY 29	67.54
DEC 10	65.02	FEB 20	65.15	FEB 02	68.78	JUL 17	67.30
MAR 10, 1977	65.00	APR 02	64.92	23	68.28	SEP 05	68.87
MAY 12	65.60	MAY 05	65.45	MAR 04	68.38	OCT 18	68.36
JUN 09	66.40	20	65.83	16	68.19	NOV 20	67.83
OCT 04	66.26	JUL 10	67.83	APR 01	66.74	DEC 18	67.35
NOV 02	65.90	AUG 05	67.75	20	68.13	JAN 15, 1985	67.26
DEC 01	65.88	SEP 03	68.91	MAY 04	68.16	MAR 08	67.23
JAN 04, 1978	66.55	OCT 02	67.77	JUN 01	68.32	APR 08	67.29
FEB 02	64.08	29	67.27	JUL 06	68.46	MAY 13	68.27
MAR 02	67.04	DEC 18	67.29	15	69.25	JUL 10	69.23
APR 04	66.64	FEB 12, 1981	67.69	AUG 02	69.48	AUG 22	69.09
MAY 01	66.43	19	67.25	11	69.41	SEP 24	69.45
31	66.64	MAR 04	67.07	SEP 02	70.23	OCT 31	68.45
JUN 06	66.79	APR 02	67.05	20	71.03	NOV 25	67.83
29	67.68	06	67.02	OCT 01	70.07	JAN 13, 1986	67.67
AUG 02	67.51	MAY 05	67.99	NOV 15	69.22	FEB 20	67.56
31	68.27	29	66.90	DEC 20	68.36	MAR 27	67.37
SEP 18	67.58	JUN 10	67.01	JAN 27, 1983	68.62	MAY 12	68.19
DEC 07	66.83	30	67.35	MAR 03	67.07	JUN 25	69.47
JAN 16, 1979	65.52	JUL 13	68.02	31	66.57	AUG 11	69.83
FEB 01	65.17	AUG 03	69.17	MAY 17	66.63	SEP 23	69.61
MAR 07	66.69	24	68.59	JUN 14	68.33	OCT 20	69.62
APR 06	66.14	SEP 08	69.24	JUL 19	70.17	NOV 19	68.49
MAY 02	66.29	30	68.53	SEP 07	69.72	DEC 18	68.28
JUN 05	65.75	OCT 01	68.36	26	67.94		
JUL 05	66.49	20	68.18	NOV 14	67.94		



WELL NUMBER.--CO Fc 29 SITE ID.--384216075541201 PERMIT NUMBER.--CO-73-0540
LOCATION.--Lat 38°42'16", long 75°54'12", Hydrologic Unit 02060005, at Preston Sewage Lagoon.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 450 ft; casing diameter 6 in. with depth to 90 ft; casing diameter 2 in. from 90 to 430 ft; screen diameter 2 in. from 430 to 450 ft.
DATUM.--Altitude of land-surface datum is 28 ft. Measuring point: Top of casing, 2.6 ft above land-surface datum.
REMARKS.--Well destroyed Feb. 4, 1984.
PERIOD OF RECORD.--April 1977 to January 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.32 ft below land-surface datum, May 6, 1980; lowest measured, 49.97 ft below land-surface datum, Sept. 8, 1983.

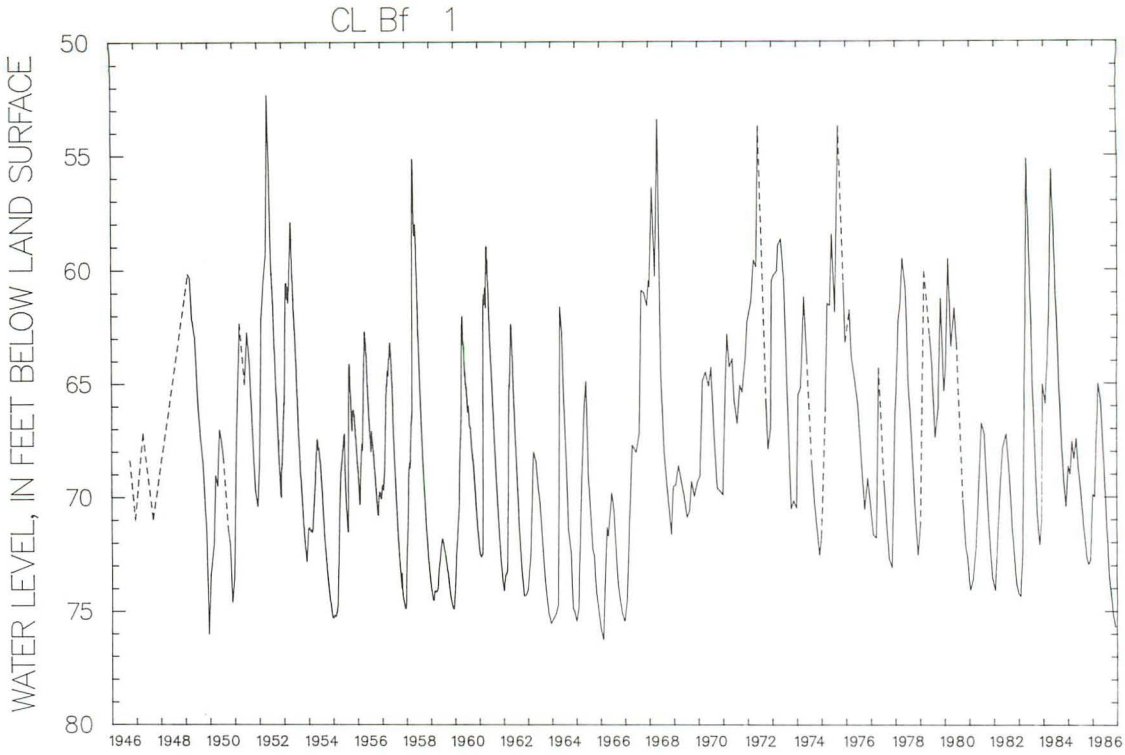
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 07, 1977	48.41	AUG 02, 1978	47.30	AUG 05, 1980	46.43	JUN 01, 1982	47.81
MAY 10	48.21	31	47.40	SEP 03	46.96	JUL 06	47.86
JUN 27	49.26	SEP 18	47.84	OCT 02	46.57	AUG 02	48.35
AUG 04	48.32	DEC 07	47.80	29	46.55	SEP 02	49.62
SEP 15	48.27	JAN 16, 1979	47.80	DEC 18	46.51	OCT 01	48.92
OCT 04	48.35	FEB 01	47.31	MAR 04, 1981	46.75	NOV 01	48.74
26	47.91	MAR 07	47.06	APR 02	46.85	FEB 01, 1983	49.20
NOV 02	47.85	APR 06	47.18	30	46.90	MAR 04	47.48
DEC 01	47.50	MAY 02	47.40	MAY 29	46.70	31	48.15
09	47.44	AUG 02	47.55	JUN 30	47.12	MAY 20	48.22
JAN 04, 1978	47.47	30	47.40	AUG 03	47.79	JUN 14	47.60
FEB 02	47.13	OCT 04	47.08	SEP 08	47.93	JUL 19	48.87
28	46.96	NOV 05	47.03	OCT 01	48.06	SEP 08	49.97
MAR 02	47.04	JAN 03, 1980	46.53	NOV 06	47.83	OCT 25	49.30
APR 04	46.83	FEB 20	46.10	JAN 04, 1982	47.50	NOV 14	49.28
19	46.70	APR 02	45.70	FEB 02	47.88	JAN 09, 1984	48.83
MAY 01	46.78	MAY 06	45.32	MAR 04	47.34		
19	46.81	20	45.36	APR 01	47.27		
JUN 29	47.22	JUL 10	46.23	MAY 04	47.41		



WELL NUMBER.--CL Bf 1 SITE ID.--393638076510001
LOCATION.--Lat 39°36'38", long 76°51'00", Hydrologic Unit 02060003, on Hillcrest St., Hampstead.
Owner: Town of Hampstead.
AQUIFER.-- Prettyboy Schist.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 407 ft; casing diameter 8 in. with depth to approximately 65 ft; open hole.
DATUM.--Altitude of land-surface datum is 933 ft. Measuring point: Top of 2-in. casing extension, 2.35 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder July 1, 1952 to Nov. 7, 1962.
PERIOD OF RECORD.--September and December 1946, April and September 1947, February 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.30 ft below land-surface datum, May 13, 1952; lowest measured, 76.26 ft below land-surface datum, Feb. 10, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 30, 1946	68.39	OCT 16, 1953	70.96	SEP 16, 1956	68.91	AUG 16, 1959	72.70
DEC 18	70.99	NOV 01	71.70	OCT 01	69.64	SEP 01	73.10
APR 12, 1947	67.21	15	72.21	16	70.33	15	73.31
SEP 10	70.96	DEC 01	72.71	NOV 01	70.76	OCT 01	73.72
FEB 16, 1949	60.18	04	72.81	15	69.90	16	74.15
MAR 16	60.33	JAN 01, 1954	71.40	DEC 01	69.81	NOV 01	74.48
APR 12	62.06	16	71.36	16	70.02	15	74.71
MAY 26	62.95	FEB 01	71.47	JAN 01, 1957	69.52	DEC 01	74.86
JUL 11	66.07	14	71.50	16	69.50	16	74.82
AUG 19	67.50	MAR 01	71.47	FEB 01	69.10	JAN 02, 1960	73.95
SEP 22	68.50	16	70.66	14	68.14	16	72.90
OCT 24	70.58	APR 01	69.89	MAR 01	65.75	FEB 01	71.99
NOV 09	71.32	15	69.01	16	65.02	15	71.25
DEC 14	76.03	MAY 01	68.09	APR 01	64.62	MAR 01	70.38
JAN 12, 1950	73.43	16	67.52	15	63.93	16	68.31
MAR 03	71.95	JUN 01	67.91	MAY 01	63.25	APR 01	66.76
27	69.04	17	68.25	16	63.89	15	62.85
APR 27	69.51	JUL 01	68.72	JUN 01	64.90	MAY 01	62.65
MAY 24	67.02	16	69.48	15	66.47	16	63.57
JUN 21	67.52	AUG 01	70.38	JUL 01	67.85	JUN 01	64.46
JUL 21	68.25	13	71.00	16	68.95	15	65.02
SEP 25	71.30	SEP 04	72.10	AUG 01	70.07	JUL 01	65.57
OCT 27	72.07	17	72.63	16	70.99	16	66.25
NOV 28	74.62	OCT 01	73.16	SEP 01	71.90	AUG 01	66.51
DEC 27	73.58	16	73.61	15	72.54	16	66.94
FEB 05, 1951	66.73	NOV 01	74.10	OCT 01	73.23	SEP 01	67.47
MAR 20	62.33	15	74.47	16	73.77	15	68.05
MAY 29	65.03	DEC 01	74.79	NOV 01	74.10	OCT 01	68.42
JUL 06	62.73	16	75.13	15	74.48	16	69.08
AUG 09	63.98	JAN 01, 1955	75.30	DEC 01	74.73	NOV 01	69.76
SEP 18	66.65	16	75.20	16	74.88	15	70.50
NOV 06	69.72	FEB 01	75.19	JAN 01, 1958	73.46	DEC 01	71.16
DEC 10	70.40	14	75.17	16	71.78	16	71.64
JAN 04, 1952	68.70	MAR 01	74.91	FEB 01	69.62	JAN 01, 1961	72.24
FEB 05	62.14	16	73.65	14	68.70	16	72.51
MAR 17	60.28	APR 01	71.62	MAR 01	68.47	FEB 01	72.58
APR 15	59.37	14	69.92	16	66.69	14	72.50
MAY 13	52.30	MAY 02	68.81	APR 01	61.11	MAR 01	65.95
JUN 12	56.73	16	68.40	15	55.23	16	61.08
JUL 01	59.63	JUN 01	67.76	MAY 01	58.11	APR 01	60.82
16	60.58	15	67.35	16	58.11	15	61.06
AUG 01	61.80	JUL 01	69.02	JUN 01	58.97	MAY 01	59.03
14	63.31	16	70.28	15	60.66	16	60.25
SEP 03	64.80	AUG 01	71.14	JUL 01	62.83	JUN 01	61.65
18	65.72	16	70.42	16	64.26	15	63.15
OCT 01	66.68	SEP 01	64.17	AUG 01	65.78	JUL 01	64.11
16	67.78	15	65.10	16	66.93	16	65.08
NOV 01	68.84	OCT 01	66.45	SEP 01	68.10	AUG 01	66.32
15	69.67	14	67.08	15	69.06	16	67.35
DEC 01	68.72	NOV 01	66.26	OCT 03	70.13	SEP 01	68.36
16	67.78	16	66.43	17	70.90	15	69.25
JAN 01, 1953	66.23	DEC 01	67.30	NOV 01	71.62	OCT 01	70.20
15	64.66	16	67.83	15	72.22	16	71.00
FEB 01	60.60	JAN 01, 1956	68.62	DEC 01	72.85	NOV 01	71.77
21	61.04	16	69.18	16	73.32	15	72.44
MAR 01	61.05	FEB 01	70.32	JAN 01, 1959	73.79	DEC 01	73.06
12	61.42	15	69.15	16	74.12	16	73.57
APR 22	57.92	MAR 01	68.08	FEB 01	74.49	JAN 01, 1962	73.96
24	58.25	16	67.82	14	74.52	16	73.77
MAY 01	58.64	APR 01	64.88	MAR 01	74.12	FEB 01	73.41
16	60.48	15	63.11	16	74.12	14	73.36
JUN 01	61.84	MAY 01	63.21	APR 01	74.11	MAR 01	72.71
15	62.74	16	63.93	15	73.99	16	69.11
JUL 01	63.95	JUN 01	65.17	MAY 01	73.22	APR 01	65.05
15	65.15	15	66.22	16	72.81	15	64.06
AUG 01	66.58	JUL 01	67.06	JUN 01	72.30	MAY 01	62.39
14	67.46	16	67.68	15	71.93	16	63.67
SEP 01	68.64	AUG 01	67.21	JUL 01	71.89	JUN 01	64.95
16	69.33	16	67.74	16	72.18	15	66.16
OCT 01	70.18	SEP 01	68.37	AUG 01	72.41	JUL 01	67.47

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 16, 1962	68.51	AUG 07, 1967	67.21	APR 25, 1974	61.20	AUG 17, 1981	67.24
AUG 01	69.62	SEP 13	60.90	JUN 07	63.90	OCT 05	70.39
16	70.60	OCT 25	61.02	AUG 14	68.57	NOV 12	72.25
SEP 01	71.64	DEC 06	61.57	SEP 20	70.25	DEC 14	73.53
15	72.37	30	60.49	NOV 15	71.93	JAN 25, 1982	74.10
OCT 01	73.11	JAN 10, 1968	60.75	DEC 05	72.55	MAR 01	71.85
16	73.62	FEB 23	56.42	JAN 02, 1975	71.73	APR 12	69.33
NOV 01	74.16	APR 05	60.30	MAR 06	66.16	MAY 17	67.83
04	74.24	MAY 21	53.40	APR 08	61.49	JUL 06	67.23
DEC 05	74.28	JUN 26	64.35	MAY 14	61.57	AUG 23	69.09
JAN 04, 1963	74.04	AUG 12	68.00	JUN 18	58.48	OCT 04	71.41
FEB 15	72.52	SEP 27	69.69	JUL 30	61.87	NOV 05	72.73
MAR 21	68.86	NOV 25	71.64	SEP 29	53.72	DEC 06	73.81
31	68.01	DEC 20	69.70	DEC 04	60.59	JAN 04, 1983	74.24
MAY 07	68.45	31	69.52	29	63.20	FEB 02	74.35
JUN 06	69.56	JAN 30, 1969	69.47	MAR 01, 1976	61.78	MAR 04	72.49
JUL 04	70.26	MAR 13	68.62	31	63.88	APR 06	64.35
31	71.43	APR 25	69.32	MAY 13	64.74	MAY 06	55.16
SEP 05	73.03	JUN 06	69.99	JUL 01	65.94	JUN 02	58.37
OCT 02	74.05	JUL 17	70.90	AUG 18	68.30	JUL 07	62.23
NOV 08	75.05	AUG 21	70.60	OCT 04	70.55	AUG 01	65.00
DEC 16	75.55	SEP 24	69.31	NOV 19	69.17	SEP 01	67.81
JAN 22, 1964	75.32	NOV 03	69.97	DEC 27	70.30	OCT 06	70.68
FEB 06	75.25	DEC 17	69.36	FEB 10, 1977	71.65	NOV 10	72.12
MAR 02	75.09	JAN 26, 1970	69.07	MAR 25	71.80	DEC 09	71.12
APR 01	74.69	MAR 10	64.90	MAY 09	64.31	27	65.04
MAY 08	61.61	APR 23	64.49	JUL 18	69.30	FEB 06, 1984	65.90
JUN 03	62.71	JUN 09	65.13	AUG 24	71.09	MAR 02	64.31
30	65.72	JUL 15	64.29	OCT 04	72.69	APR 02	60.74
AUG 07	68.76	AUG 28	67.35	NOV 14	73.09	MAY 02	55.64
SEP 03	71.44	OCT 08	69.60	JAN 03, 1978	66.22	JUN 06	58.45
OCT 13	72.42	DEC 10	69.82	23	65.26	JUL 02	61.27
NOV 11	74.89	30	69.90	FEB 24	62.28	31	63.08
DEC 04	75.00	JAN 28, 1971	66.63	MAR 27	61.40	SEP 05	65.73
JAN 05, 1965	75.44	MAR 09	62.82	APR 28	59.53	OCT 08	67.98
FEB 02	74.86	APR 13	64.27	JUN 13	60.88	NOV 05	69.33
MAR 10	70.66	MAY 25	63.90	JUL 19	64.87	DEC 05	70.43
APR 02	68.59	JUN 22	65.73	AUG 31	67.14	JAN 08, 1985	68.65
MAY 04	66.03	AUG 05	66.78	OCT 23	70.62	FEB 05	69.01
JUN 01	64.90	11	66.44	DEC 04	72.56	MAR 05	67.57
JUL 02	69.14	SEP 16	65.08	JAN 08, 1979	71.35	APR 02	68.33
AUG 02	70.62	OCT 19	65.39	MAR 15	60.10	MAY 07	67.44
SEP 03	72.28	DEC 06	63.83	JUN 04	62.92	JUN 03	68.67
28	72.56	JAN 03, 1972	62.29	JUL 09	64.27	JUL 01	69.36
OCT 29	74.14	MAR 03	61.38	AUG 20	67.40	AUG 07	70.74
DEC 06	75.10	APR 14	59.59	OCT 05	66.08	SEP 05	71.69
JAN 04, 1966	75.77	MAY 19	59.90	NOV 13	61.27	OCT 08	72.67
FEB 10	76.26	JUN 24	53.70	DEC 27	65.01	NOV 05	72.96
MAR 03	74.10	OCT 06	65.76	JAN 02, 1980	65.34	DEC 02	72.78
APR 08	71.32	NOV 03	67.90	21	64.63	JAN 06, 1986	69.89
27	71.70	DEC 14	66.95	MAR 03	59.54	FEB 03	69.99
JUN 17	69.81	JAN 02, 1973	60.52	APR 14	63.39	MAR 04	67.22
JUL 19	70.59	26	60.30	JUN 02	61.69	APR 01	65.00
SEP 12	73.38	MAR 21	60.07	JUL 07	63.27	MAY 02	65.65
19	73.72	APR 10	58.95	OCT 01	70.14	JUN 02	67.29
OCT 10	74.33	MAY 24	58.69	NOV 13	72.24	JUL 03	69.18
NOV 18	75.07	JUL 03	60.43	DEC 08	72.64	28	70.83
DEC 19	75.41	AUG 20	65.46	JAN 05, 1981	73.59	SEP 08	73.41
29	75.41	OCT 10	70.53	20	74.07	OCT 03	74.24
FEB 02, 1967	74.40	NOV 14	70.16	MAR 02	73.64	NOV 03	75.18
MAR 13	70.93	DEC 28	70.48	APR 13	72.21	DEC 08	75.68
APR 23	67.71	JAN 25, 1974	65.54	JUN 01	69.15		
JUN 20	68.03	MAR 07	65.19	JUL 06	66.75		


CL Bf 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
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WELL NUMBER.--CE Bd 65 SITE ID.--393630075570301 PERMIT NUMBER.--CE-03-2650
LOCATION.--Lat 39°36'30", long 75°57'03", Hydrologic Unit 02060002, at North East State Police Barrack.
Owner: Maryland State Police.
AQUIFER.--Port Deposit Gneiss.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 182 ft; casing diameter 6 in. with depth to 80.5 ft.
DATUM.--Altitude of land-surface datum is 80 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder from Nov. 21, 1961 to April 27, 1983; depth measured 87.80 ft, Dec. 29, 1982. Discontinued as observation well Oct. 26, 1983.
PERIOD OF RECORD.--September 1960 to October 1983.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.30 ft below land-surface datum, May 17, 1972; lowest measured 14.76 ft below land-surface datum, Feb. 9-10, 1966.

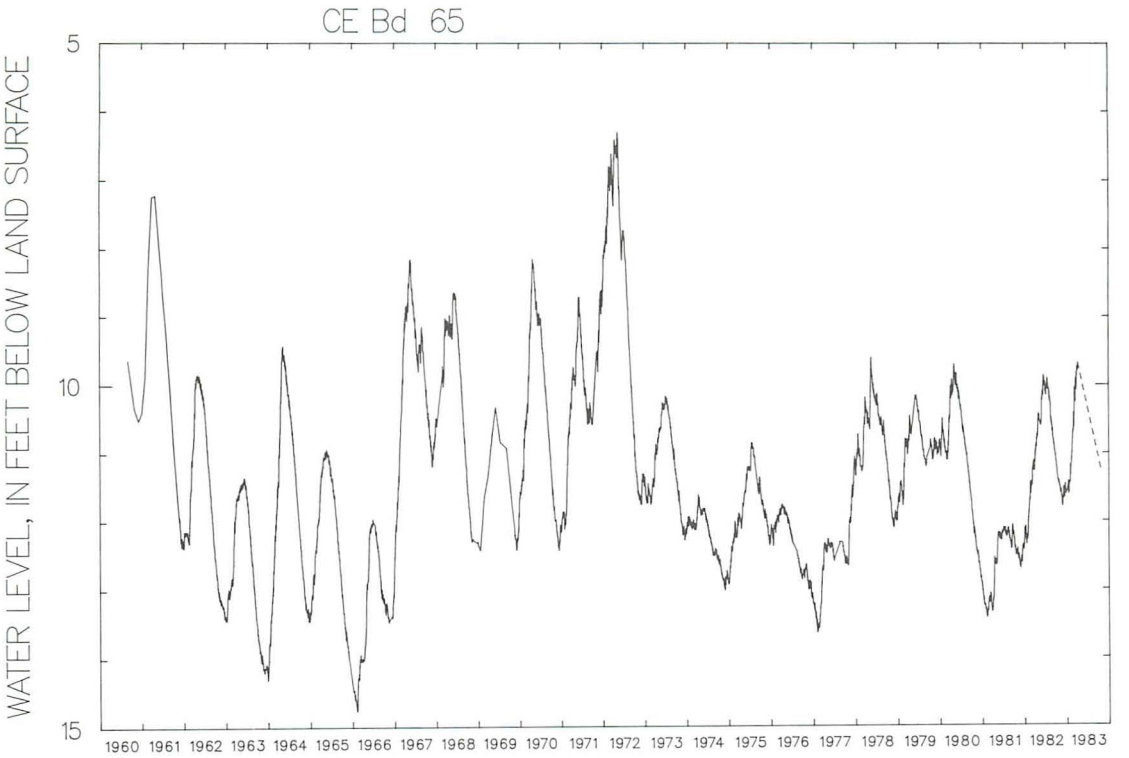
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 06, 1960	9.64	FEB 01, 1964	13.33	JAN 01, 1967	12.80	JUN 01, 1970	8.80
OCT 05	10.01	15	13.06	16	12.09	15	9.13
NOV 02	10.34	MAR 01	12.49	FEB 01	11.72	JUL 01	9.09
DEC 06	10.52	16	11.96	08	11.48	16	9.17
JAN 05, 1961	10.39	APR 01	11.48	MAR 10	10.35	AUG 01	9.54
FEB 03	9.88	15	10.86	20	9.94	16	10.01
MAR 02	8.39	MAY 01	9.94	APR 01	9.34	SEP 01	10.34
APR 05	7.24	16	9.60	15	8.88	15	10.68
MAY 04	7.22	JUN 01	9.71	MAY 01	8.85	OCT 01	11.04
JUN 06	7.94	15	9.84	16	8.37	16	11.46
29	8.44	JUL 01	10.15	JUN 01	8.47	NOV 01	11.83
JUL 07	8.66	16	10.41	15	8.81	15	11.98
AUG 03	9.21	AUG 01	10.71	JUL 01	9.06	DEC 01	12.21
SEP 06	10.01	16	11.00	16	9.45	16	12.42
OCT 06	10.84	SEP 01	11.32	AUG 01	9.71	JAN 01, 1971	12.05
31	11.43	02	11.39	16	9.48	16	11.89
NOV 21	11.89	OCT 08	12.25	SEP 01	9.15	FEB 01	12.02
25	11.98	19	12.53	10	9.36	14	11.89
DEC 01	12.06	NOV 01	12.81	OCT 06	10.03	MAR 01	11.15
16	12.36	15	13.11	18	10.28	16	10.61
JAN 01, 1962	12.38	DEC 01	13.29	NOV 01	10.59	APR 01	10.33
17	12.16	16	13.34	15	10.87	15	9.92
FEB 01	12.19	JAN 01, 1965	13.31	DEC 01	11.19	MAY 01	9.91
14	12.25	16	13.10	16	10.85	16	9.86
MAR 01	11.67	FEB 01	12.78	JAN 01, 1968	10.48	JUN 01	9.20
16	11.14	14	12.49	05	10.56	15	8.82
APR 01	10.79	MAR 01	12.28	FEB 26	9.90	JUL 01	9.27
15	10.05	16	12.00	27	9.89	16	9.65
MAY 01	9.87	APR 01	11.53	MAR 01	9.72	AUG 01	10.14
16	9.92	15	11.31	16	9.85	16	10.31
JUN 01	9.96	MAY 01	11.09	APR 01	9.10	SEP 01	10.39
15	10.09	16	11.05	15	9.07	15	10.25
JUL 01	10.25	JUN 01	11.00	MAY 01	8.97	OCT 01	10.57
16	10.60	15	11.13	16	9.17	04	10.57
AUG 01	11.01	JUL 01	11.29	JUN 01	8.77	NOV 11	9.55
16	11.35	16	11.42	15	8.73	20	9.50
SEP 01	11.77	AUG 01	11.65	JUL 01	8.93	DEC 01	9.35
15	12.14	16	11.93	16	9.24	16	8.63
OCT 01	12.52	SEP 01	12.29	AUG 01	9.66	JAN 01, 1972	8.85
16	12.77	15	12.55	16	10.09	16	8.14
NOV 01	13.05	OCT 01	12.95	SEP 01	10.59	FEB 01	7.94
15	13.14	16	13.28	15	11.00	15	7.53
DEC 01	13.19	NOV 01	13.58	OCT 01	11.44	MAR 01	6.84
16	13.26	15	13.74	16	11.78	16	6.98
JAN 01, 1963	13.41	DEC 01	13.98	NOV 01	12.14	APR 01	7.00
16	13.25	02	13.99	06	12.22	15	6.96
FEB 01	13.06	JAN 04, 1966	14.42	DEC 31	12.31	MAY 01	6.50
14	12.96	19	14.57	JAN 01, 1969	12.30	16	6.35
MAR 01	12.86	FEB 01	14.66	04	12.31	JUN 01	7.15
16	12.31	14	14.51	FEB 26	11.65	11	7.69
APR 01	11.87	MAR 01	14.10	APR 03	11.31	JUL 01	7.74
15	11.65	16	14.03	MAY 08	10.73	16	7.93
MAY 01	11.53	APR 01	14.00	JUN 06	10.32	AUG 01	8.51
16	11.45	15	13.91	JUL 18	10.83	14	9.00
JUN 01	11.48	MAY 01	13.23	SEP 11	10.92	SEP 08	9.89
14	11.37	16	12.87	OCT 29	11.79	19	10.27
JUL 05	11.64	JUN 01	12.15	NOV 20	12.11	OCT 01	10.63
18	11.84	15	12.05	25	12.24	16	11.10
AUG 01	12.17	JUL 18	12.05	DEC 01	12.26	NOV 01	11.43
16	12.55	24	12.18	16	12.27	15	11.60
SEP 01	12.88	AUG 01	12.27	JAN 01, 1970	11.70	DEC 01	11.63
12	13.12	16	12.41	16	11.58	16	11.30
OCT 02	13.55	SEP 01	12.79	FEB 01	11.39	JAN 01, 1973	11.40
16	13.76	15	12.98	14	10.91	16	11.66
NOV 01	13.99	OCT 01	13.18	MAR 01	10.62	FEB 01	11.72
15	14.05	16	13.30	16	10.38	14	11.59
DEC 01	14.19	NOV 01	13.28	APR 01	9.61	MAR 01	11.72
15	14.12	08	13.40	15	9.03	16	11.45
JAN 01, 1964	14.26	DEC 14	13.37	MAY 01	8.24	APR 01	11.31
16	13.77	22	13.16	17	8.49	15	10.96

DATE	WATER LEVEL
MAY 01, 1972	10.83
16	10.67
JUN 01	10.44
15	10.33
JUL 01	10.28
16	10.20
AUG 01	10.41
16	10.60
SEP 01	10.86
15	10.93
OCT 01	11.31
16	11.43
NOV 01	11.62
15	11.89
DEC 01	12.19
16	12.18
JAN 01, 1974	12.15
16	11.93
FEB 01	11.98
14	12.09
MAR 01	12.02
16	12.12
APR 01	11.98
15	11.61
MAY 01	11.82
16	11.83
JUN 01	11.84
15	11.90
JUL 01	11.99
16	12.16
AUG 01	12.30
16	12.44
SEP 01	12.50
15	12.41
OCT 01	12.57
16	12.63
NOV 01	12.78
15	12.86
DEC 01	13.00
16	12.85
JAN 01, 1975	12.90
16	12.66
FEB 01	12.44
14	12.30
MAR 01	12.04
16	12.23
APR 01	11.95
15	12.01
MAY 01	11.98
16	11.68
JUN 01	11.52
15	11.20
JUL 01	11.23
16	11.00
AUG 01	10.93
11	11.03
SEP 08	11.42
19	11.56
OCT 01	11.40
16	11.73
NOV 01	11.86

DATE	WATER LEVEL
NOV 15, 1975	11.85
DEC 01	12.00
16	12.21
JAN 01, 1976	12.21
16	12.11
FEB 01	12.10
15	12.17
MAR 01	11.93
16	11.88
APR 01	11.84
15	11.78
MAY 01	11.88
16	11.92
JUN 01	11.96
15	12.10
JUL 01	12.20
05	12.25
AUG 17	12.45
24	12.55
SEP 01	12.61
15	12.75
OCT 01	12.80
16	12.77
NOV 01	12.65
15	12.82
DEC 01	12.88
16	12.99
JAN 01, 1977	13.19
16	13.31
FEB 01	13.51
14	13.55
MAR 01	13.40
16	12.98
APR 01	12.72
15	12.35
MAY 01	12.47
16	12.34
JUN 01	12.40
15	12.35
JUL 01	12.54
03	12.59
AUG 18	12.34
19	12.33
SEP 13	12.31
21	12.42
OCT 01	12.52
16	12.56
NOV 01	12.65
15	11.99
DEC 01	11.67
16	11.46
JAN 01, 1978	11.10
16	11.08
FEB 01	10.97
14	11.08
MAR 01	11.25
16	10.80
APR 01	10.25
15	10.50
MAY 01	10.53
16	10.02

DATE	WATER LEVEL
JUN 01, 1978	9.92
15	10.16
JUL 01	10.30
16	10.27
AUG 01	10.53
16	10.52
SEP 01	10.61
15	10.85
OCT 01	11.11
16	11.40
NOV 01	11.64
15	11.91
DEC 01	12.03
16	11.88
JAN 01, 1979	11.97
16	11.70
FEB 01	11.41
14	11.63
MAR 01	11.22
16	10.91
APR 01	10.91
15	10.48
JUN 04	10.17
17	10.22
JUL 01	10.41
16	10.60
AUG 01	10.79
16	11.03
SEP 01	11.15
05	11.20
OCT 11	10.91
21	10.90
NOV 01	11.10
15	10.80
DEC 01	10.85
16	11.00
JAN 01, 1980	10.81
16	10.80
FEB 01	10.67
15	10.92
MAR 01	11.10
16	10.90
APR 01	10.20
15	9.92
MAY 01	9.95
16	10.00
JUN 01	10.01
15	10.13
JUL 01	10.35
16	10.61
AUG 01	10.79
16	10.97
SEP 01	11.20
15	11.42
OCT 01	11.70
16	12.03
NOV 01	12.19
15	12.42
DEC 01	12.53
16	12.72
JAN 01, 1981	12.91

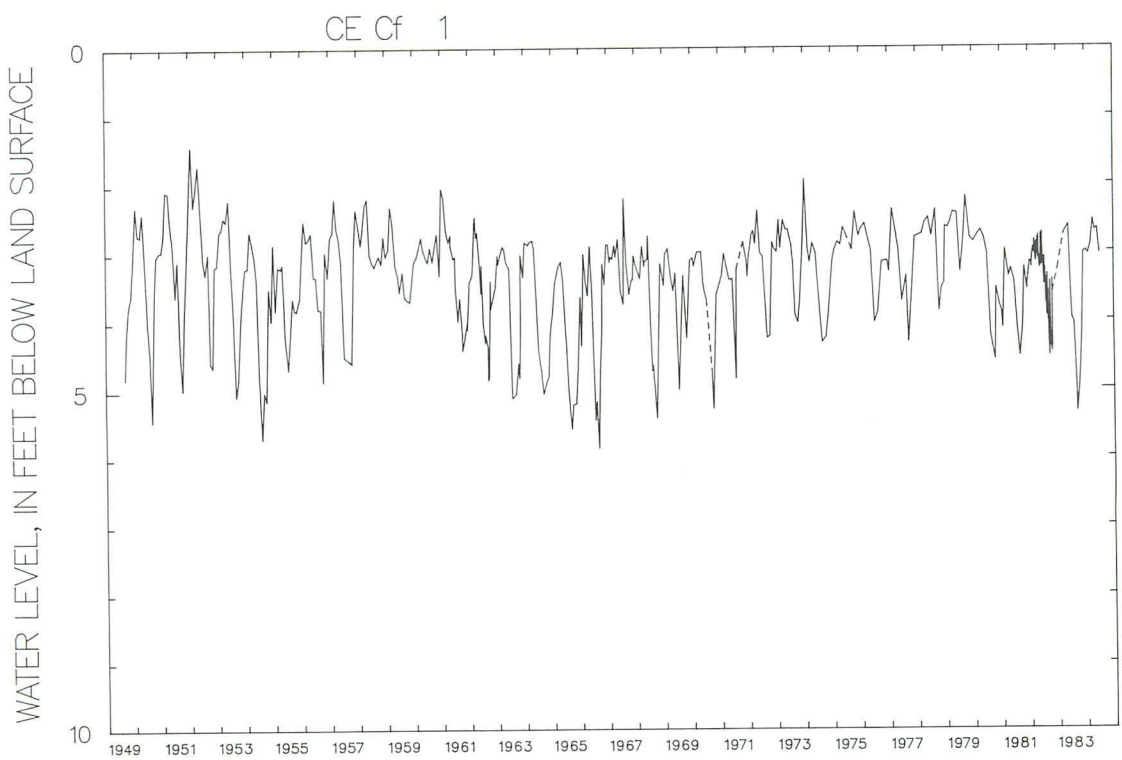
DATE	WATER LEVEL
JAN 16, 1981	13.17
FEB 01	13.30
14	13.38
MAR 01	13.12
16	13.08
APR 01	13.32
17	12.62
MAY 01	12.60
18	12.22
JUN 01	12.26
15	12.26
JUL 01	12.17
16	12.11
AUG 01	12.23
16	12.10
SEP 01	12.26
15	12.40
OCT 01	12.20
16	12.38
NOV 01	12.48
15	12.50
DEC 01	12.69
16	12.46
JAN 01, 1982	12.35
16	12.19
FEB 01	12.23
14	11.76
MAR 01	11.51
16	11.25
APR 01	11.11
15	10.90
MAY 01	10.45
16	10.56
JUN 01	10.22
15	9.97
JUL 01	10.06
16	10.02
AUG 01	10.07
16	10.47
SEP 01	10.67
15	10.87
OCT 01	11.11
20	11.40
NOV 01	11.47
15	11.54
DEC 01	11.67
14	11.66
JAN 11, 1983	11.50
21	11.60
FEB 01	11.42
13	11.10
MAR 01	10.66
17	10.25
APR 01	9.83
05	9.79
OCT 26	11.26


CE Bd 65
WATER LEVEL, IN FEET BELOW LAND SURFACE
5
10
15
1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983

WELL NUMBER.--CE Cf 1 SITE ID.--393415075485401
LOCATION.--Lat 39°34'15", long 75°48'54", Hydrologic Unit 02060002, 2.6 mi south of Elkton on MD Rt. 213.
Owner: Maryland State Highway Administration.
AQUIFER.--Potomac Group.
WELL CHARACTERISTICS.--Driven unused water-table well, depth 10 ft; casing diameter 1.25 in.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder March 4, 1982 to Oct. 28, 1982; discontinued as observation well July 3, 1984.
PERIOD OF RECORD.--September 1949 to July 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.42 ft below land-surface datum, Jan. 28, 1952; lowest measured, 5.86 ft below land-surface datum, Aug. 29, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 09, 1949	4.80	JUL 13, 1955	4.68	JUN 02, 1961	3.04	FEB 15, 1966	3.01
29	4.16	SEP 07	3.65	06	3.07	MAR 14	3.43
OCT 26	3.77	30	3.81	JUL 07	3.51	APR 09	3.62
NOV 29	3.60	OCT 28	3.83	AUG 03	3.92	MAY 10	2.90
DEC 29	3.05	DEC 09	3.63	04	3.98	JUN 06	3.58
FEB 01, 1950	2.30	JAN 13, 1956	2.89	SEP 01	3.65	JUL 18	5.44
28	2.71	FEB 02	2.52	OCT 04	4.18	AUG 04	5.16
MAR 30	2.73	MAR 02	2.82	06	4.41	29	5.86
APR 28	2.40	APR 06	2.77	DEC 06	4.02	SEP 14	4.88
MAY 26	2.98	MAY 04	2.69	08	4.11	OCT 11	4.15
JUL 03	4.01	JUN 08	3.33	JAN 05, 1962	3.42	21	3.16
AUG 01	4.45	JUL 06	3.34	FEB 09	3.32	NOV 16	3.46
28	5.44	AUG 03	3.80	15	3.25	DEC 14	2.88
OCT 01	3.66	SEP 07	3.81	MAR 08	2.76	JAN 03, 1967	2.88
26	3.03	OCT 05	4.86	13	2.56	25	3.14
DEC 01	2.96	NOV 02	2.97	APR 04	2.76	FEB 02	3.06
JAN 02, 1951	2.95	DEC 07	3.34	20	2.69	28	3.09
31	2.72	JAN 09, 1957	2.76	MAY 02	2.89	MAR 30	2.89
MAR 01	2.07	FEB 12	2.67	14	3.04	APR 11	3.06
APR 02	2.09	MAR 08	2.19	JUN 08	3.58	MAY 15	2.80
30	2.56	APR 04	2.62	13	3.17	JUN 07	3.27
MAY 30	2.88	MAY 03	2.79	JUL 06	4.00	17	3.56
JUL 02	3.61	30	3.12	AUG 02	4.30	JUL 24	3.75
30	3.10	JUL 08	4.50	08	4.19	AUG 04	2.20
AUG 31	4.40	SEP 12	4.56	SEP 05	4.36	SEP 02	3.14
OCT 01	4.97	OCT 11	4.59	07	4.84	OCT 06	3.61
29	3.89	NOV 15	2.97	OCT 10	3.40	NOV 07	3.40
NOV 29	3.10	DEC 10	2.35	12	3.81	24	3.39
DEC 29	2.27	JAN 16, 1958	2.62	DEC 13	3.50	DEC 05	3.04
JAN 28, 1952	1.42	FEB 11	2.87	JAN 11, 1963	3.03	JAN 03, 1968	3.19
FEB 28	2.29	MAR 07	2.66	17	3.16	FEB 26	3.38
MAR 31	2.04	APR 08	2.29	FEB 14	3.03	MAR 26	2.90
MAY 01	1.70	MAY 09	2.19	MAR 08	2.94	APR 23	3.20
30	2.33	JUN 06	3.00	21	2.90	30	3.13
JUN 30	3.09	JUL 03	3.11	APR 09	2.95	JUN 05	3.09
JUL 29	3.29	AUG 05	3.19	MAY 03	3.13	13	2.75
SEP 03	2.99	SEP 10	3.09	JUN 11	3.22	JUL 13	4.01
OCT 01	4.57	OCT 03	3.03	JUL 19	5.11	AUG 07	4.72
30	4.64	NOV 07	3.15	SEP 06	5.05	15	4.64
NOV 26	3.19	DEC 05	2.75	OCT 11	4.60	OCT 01	5.42
DEC 29	3.15	31	3.04	21	4.80	NOV 19	3.16
FEB 02, 1953	2.67	FEB 06, 1959	2.93	NOV 04	4.22	JAN 03, 1969	3.48
27	2.63	MAR 06	2.31	08	3.02	22	3.02
MAR 31	2.46	APR 03	2.56	DEC 13	3.35	FEB 25	2.94
APR 28	2.52	MAY 08	3.17	JAN 03, 1964	2.84	APR 03	3.34
JUN 02	2.20	JUN 09	3.32	FEB 17	2.88	MAY 07	3.56
29	3.21	JUL 02	3.56	MAR 02	2.84	JUN 04	3.30
JUL 30	3.95	AUG 08	3.26	APR 14	2.81	JUL 18	5.00
AUG 31	5.07	SEP 04	3.63	MAY 05	2.94	SEP 11	3.33
SEP 30	4.82	OCT 14	3.68	JUN 12	3.96	OCT 29	4.25
NOV 03	3.97	NOV 13	3.70	30	4.40	DEC 12	3.12
30	3.54	JAN 08, 1960	3.11	AUG 06	4.70	JAN 13, 1970	3.08
DEC 29	3.21	FEB 05	3.06	SEP 03	5.05	29	3.20
FEB 01, 1954	3.19	MAR 02	2.96	OCT 08	4.90	MAR 13	3.00
MAR 01	2.67	APR 12	2.76	NOV 12	4.78	MAY 06	2.99
APR 01	2.85	MAY 05	2.93	DEC 01	4.18	JUN 01	3.45
MAY 03	3.07	JUN 07	3.05	JAN 07, 1965	3.84	10	3.54
27	3.36	JUL 07	3.13	FEB 03	3.44	JUL 14	3.70
JUN 28	4.79	AUG 04	2.91	MAR 16	3.21	SEP 18	4.70
JUL 30	5.70	SEP 07	3.12	APR 23	3.12	OCT 09	5.28
SEP 01	5.01	OCT 10	2.88	MAY 19	3.40	NOV 18	3.62
29	5.14	NOV 04	2.71	JUN 08	3.84	DEC 29	3.46
NOV 02	3.50	DEC 08	3.32	JUL 07	4.38	JAN 28, 1971	3.34
DEC 03	3.97	JAN 06, 1961	2.04	29	4.98	FEB 26	3.02
30	2.86	FEB 03	2.18	SEP 07	5.57	MAR 29	3.20
JAN 28, 1955	3.82	MAR 02	2.61	29	5.21	MAY 05	3.40
MAR 03	3.18	07	2.67	NOV 05	5.19	JUN 15	3.39
APR 07	3.21	APR 07	2.83	DEC 01	4.68	JUL 28	4.84
28	3.15	MAY 04	2.73	JAN 03, 1966	3.64	AUG 06	3.25
JUN 02	4.22	05	2.89	19	4.35	NOV 04	2.85

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15, 1971	3.12	JAN 28, 1975	2.98	JAN 04, 1979	2.63	MAR 17, 1982	2.92
28	3.36	MAR 11	2.85	FEB 09	2.65	APR 01	2.88
JAN 13, 1972	3.07	APR 18	2.90	MAR 13	2.56	15	3.05
FEB 23	2.74	MAY 21	2.64	APR 18	2.42	MAY 01	3.01
MAR 15	2.69	JUN 24	2.73	JUN 07	2.44	16	3.22
APR 06	2.88	SEP 11	2.97	JUL 19	3.30	JUN 01	3.05
MAY 10	2.38	OCT 22	2.41	AUG 31	2.80	15	2.88
JUN 08	3.01	NOV 26	2.68	OCT 01	2.19	JUL 01	3.16
JUL 12	3.07	DEC 12	2.77	NOV 21	2.80	13	3.45
SEP 08	4.25	JAN 06, 1976	2.67	JAN 04, 1980	2.86	AUG 01	3.43
OCT 11	4.22	FEB 26	2.58	FEB 29	2.75	16	3.90
NOV 15	2.85	APR 13	2.82	APR 11	2.69	SEP 01	3.93
DEC 07	2.95	MAY 17	2.98	MAY 23	2.81	14	4.36
JAN 10, 1973	3.00	JUL 01	4.03	JUL 02	3.04	OCT 01	3.90
FEB 09	2.53	AUG 12	3.88	AUG 14	4.21	15	4.35
28	2.94	OCT 04	3.15	OCT 09	4.58	JAN 03, 1983	3.26
MAR 07	2.83	NOV 26	3.13	28	3.53	MAR 25	2.74
APR 06	2.53	DEC 16	3.14	DEC 11	3.79	MAY 25	2.62
MAY 09	2.67	JAN 05, 1977	3.29	JAN 05, 1981	3.88	JUL 07	3.97
JUN 06	2.67	FEB 17	2.37	19	4.12	AUG 05	4.06
JUL 20	2.90	APR 04	2.72	FEB 05	3.58	SEP 06	5.22
AUG 10	3.15	MAY 10	2.97	20	2.97	08	5.34
SEP 05	3.92	JUN 21	3.72	APR 10	3.37	OCT 05	4.97
OCT 12	4.03	AUG 18	3.35	MAY 08	3.25	NOV 09	4.20
NOV 05	3.69	SEP 14	4.32	JUN 19	3.44	DEC 05	3.03
DEC 14	2.85	NOV 03	3.45	JUL 24	4.07	JAN 05, 1984	3.00
JAN 11, 1974	1.93	DEC 06	2.79	AUG 28	4.53	FEB 03	3.05
FEB 15	2.93	JAN 04, 1978	2.77	OCT 05	4.06	MAR 08	2.89
MAR 15	3.15	MAR 06	2.74	28	3.23	APR 06	2.54
APR 19	2.87	APR 13	2.58	DEC 04	3.56	MAY 02	2.70
MAY 31	3.02	MAY 31	2.50	08	3.47	JUN 01	2.67
JUL 19	3.81	JUL 10	2.77	JAN 07, 1982	3.15	JUL 02	3.04
AUG 22	4.32	SEP 01	2.38	28	3.18		
OCT 09	4.24	OCT 17	3.87	FEB 08	3.05		
NOV 15	3.84	NOV 17	3.53	22	2.95		
JAN 02, 1975	3.14	DEC 20	3.46	MAR 04	3.03		



WELL NUMBER.--CE Cf 48 SITE ID.--393218075475301 PERMIT NUMBER.--CE-67-0143

LOCATION.--Lat 39°32'18", long 75°47'53", Hydrologic Unit 02060002, 2.0 mi northeast of Chesapeake City. Owner: Thomas L. Foard.

AQUIFER.--Patuxent Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 695 ft; casing diameter 12 in. from 0 to 247 ft; casing diameter 8 in. from 0 to 519.4 ft; casing diameter 3 in. from 498.7 to 580 ft and 585 to 598.5 ft; screen diameter 6 in. from 519.4 to 550.7 ft; screen diameter 3 in. from 580 to 585 ft and 598.5 to 608.5 ft.

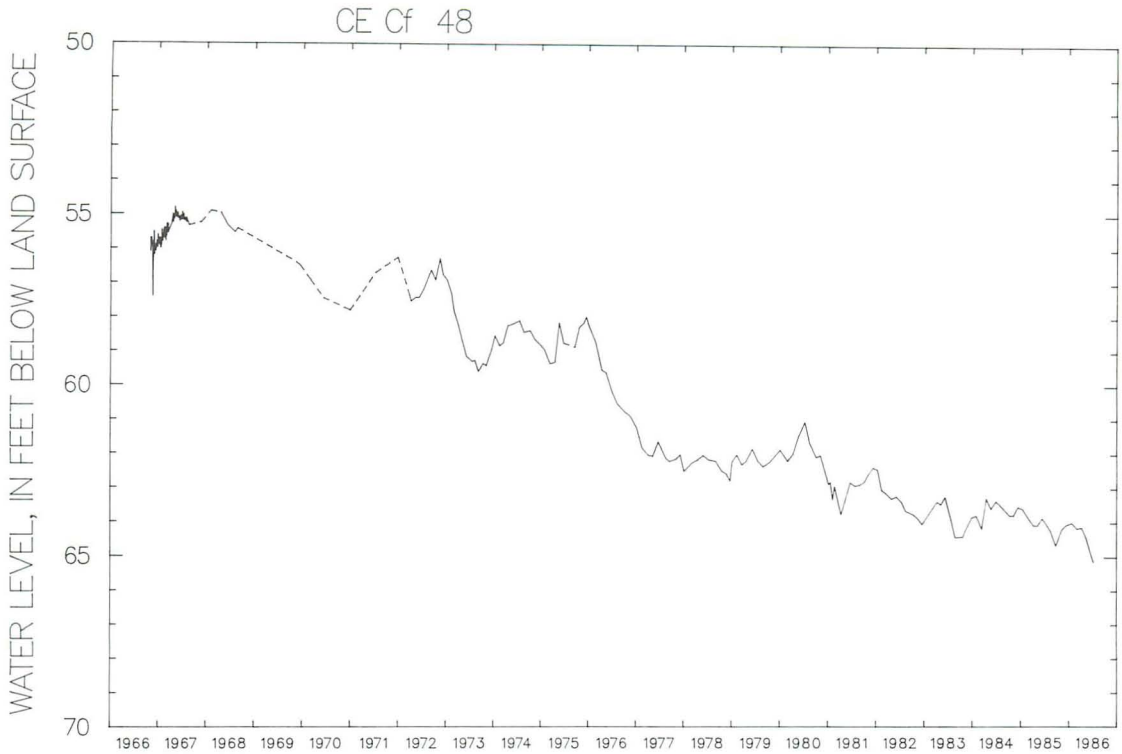
DATUM.--Altitude of land-surface datum is 65 ft. Measuring point: Top of casing, 1.2 ft above land-surface datum.

REMARKS.--Equipped with water-level recorder Nov. 3, 1966 to Aug. 4, 1967. Discontinued as observation well; well being used for domestic supply.

PERIOD OF RECORD.--November 1966 to July 1986.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.61 ft below land-surface datum, May 7-8, 1967; lowest measured, 65.13 ft below land-surface datum, July 7, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 03, 1966	55.70	MAR 07, 1973	57.89	NOV 03, 1977	62.15	JUN 03, 1982	63.23
16	55.92	APR 06	58.24	DEC 06	62.02	JUL 14	63.40
DEC 01	55.90	MAY 05	58.70	JAN 04, 1978	62.51	AUG 12	63.65
16	56.00	JUN 06	59.15	MAR 06	62.26	OCT 12	63.76
JAN 01, 1967	55.72	JUL 20	59.30	APR 13	62.18	NOV 17	63.89
15	55.73	AUG 10	59.27	MAY 31	62.04	DEC 15	64.04
FEB 01	55.73	SEP 05	59.59	JUL 10	62.17	FEB 03, 1983	63.75
14	55.60	OCT 12	59.36	SEP 01	62.21	MAR 02	63.59
MAR 01	55.65	NOV 05	59.42	OCT 17	62.49	APR 08	63.38
10	55.50	DEC 14	58.97	NOV 21	62.58	MAY 06	63.46
APR 13	55.27	JAN 11, 1974	58.54	DEC 20	62.79	JUN 07	63.24
21	55.11	FEB 15	58.84	JAN 04, 1979	62.23	JUL 22	63.89
MAY 01	55.03	MAR 15	58.75	FEB 09	62.02	AUG 23	64.42
16	55.07	APR 19	58.25	MAR 19	62.31	OCT 20	64.40
JUN 01	55.11	MAY 31	58.19	APR 18	62.22	NOV 10	64.20
15	55.16	JUL 19	58.10	JUN 07	61.84	DEC 29	63.83
JUL 01	55.07	AUG 22	58.44	JUL 19	62.20	JAN 31, 1984	63.79
12	55.03	OCT 09	58.39	AUG 27	62.37	MAR 12	64.17
AUG 03	55.24	NOV 15	58.65	OCT 17	62.23	APR 16	63.29
04	55.11	JAN 02, 1975	58.83	NOV 21	62.07	MAY 21	63.59
NOV 24	55.24	28	58.95	JAN 04, 1980	61.87	JUN 27	63.36
FEB 06, 1968	54.90	MAR 11	59.36	FEB 29	62.20	JUL 30	63.48
APR 23	54.96	APR 18	59.31	APR 11	61.99	AUG 20	63.57
JUN 13	55.32	MAY 21	58.15	MAY 20	61.49	OCT 09	63.78
AUG 07	55.53	JUN 24	58.75	JUL 08	61.05	NOV 07	63.79
27	55.41	SEP 18	58.87	AUG 14	61.66	DEC 10	63.53
NOV 19, 1969	56.41	OCT 22	58.29	OCT 03	62.09	JAN 15, 1985	63.59
DEC 17	56.50	NOV 26	58.15	NOV 05	62.03	MAR 05	63.89
MAR 05, 1970	56.93	DEC 16	57.98	DEC 11	62.54	APR 08	64.07
JUN 10	57.45	JAN 06, 1976	58.25	JAN 05, 1981	62.88	MAY 09	64.07
DEC 29	57.81	FEB 26	58.73	19	62.82	JUN 11	63.86
JUL 11, 1971	56.70	APR 13	59.54	FEB 05	63.32	JUL 15	64.04
DEC 28	56.25	MAY 17	59.62	20	62.94	AUG 14	64.23
MAR 24, 1972	57.34	JUL 01	60.17	APR 10	63.76	SEP 24	64.66
APR 06	57.54	AUG 12	60.53	MAY 08	63.39	NOV 06	64.20
MAY 10	57.43	OCT 04	60.75	JUN 19	62.82	DEC 06	64.07
JUN 08	57.43	NOV 19	60.89	JUL 24	62.93	JAN 22, 1986	63.99
JUL 12	57.18	DEC 16	61.08	AUG 28	62.90	MAR 05	64.16
SEP 08	56.62	JAN 05, 1977	61.22	OCT 05	62.80	APR 08	64.13
OCT 11	56.92	FEB 17	61.82	28	62.62	MAY 12	64.43
NOV 15	56.28	APR 04	62.03	DEC 08	62.39	JUL 07	65.13
DEC 07	56.76	MAY 10	62.07	JAN 11, 1982	62.45		
JAN 10, 1973	56.92	JUN 21	61.64	FEB 12	63.05		
FEB 09	57.30	AUG 18	62.12	MAR 12	63.13		
28	57.76	SEP 14	62.22	APR 28	63.30		


CE Cf 48
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--CE Cf 49 SITE ID.--393218075475401 PERMIT NUMBER.--CE-67-0188

LOCATION.--Lat 39°32'18", long 75°47'54", Hydrologic Unit 02060002, 2.0 mi northeast of Chesapeake City.
Owner: Thomas L. Foard.

AQUIFER.--Patapsco Formation.

WELL CHARACTERISTICS.--Drilled unused artesian well, depth 427 ft; casing diameter 10 in. from 0 to 118.8 ft; casing diameter 8 in. from 0 to 288 ft; casing diameter 6 in. from 288.8 to 390 ft; screen diameter 6 in. from 390 to 410 ft.

DATUM.--Altitude of land-surface datum is 65 ft. Measuring point: Top of casing, 1.1 ft above land-surface datum.

REMARKS.--Equipped with water-level recorder April 12, 1967 to July 7, 1986. Discontinued as observation well; well being used for domestic supply.

PERIOD OF RECORD.--April 1967 to July 1986.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.08 ft below land-surface datum, March 23, 1968; lowest measured, 65.10 ft below land-surface datum, July 7, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 13, 1967	54.96	JUL 16, 1971	56.37	NOV 17, 1974	58.50	MAR 16, 1978	62.29
21	54.82	DEC 29	56.16	DEC 01	58.98	APR 01	62.22
MAY 01	54.77	30	56.11	03	58.84	15	62.38
16	54.75	JAN 01, 1972	56.18	JAN 03, 1975	59.09	MAY 01	62.13
JUN 01	54.79	16	56.32	15	58.82	15	61.99
03	54.80	FEB 01	56.43	FEB 01	59.06	JUL 11	62.28
JUL 13	54.70	04	56.54	14	59.21	21	62.21
22	54.87	MAR 21	57.32	MAR 01	59.09	AUG 01	62.15
AUG 01	54.91	26	57.28	16	59.40	16	62.15
16	55.00	APR 01	57.30	APR 01	59.28	SEP 01	62.31
SEP 01	55.04	15	57.54	15	59.32	15	62.32
15	55.12	MAY 01	57.57	MAY 01	59.29	OCT 01	62.37
OCT 01	55.32	16	57.26	22	58.97	16	62.46
10	55.19	JUN 01	57.32	JUN 25	58.67	NOV 01	62.63
NOV 25	54.95	15	57.31	27	58.62	15	62.63
27	54.94	JUL 01	56.81	JUL 01	58.61	DEC 01	62.37
DEC 01	55.00	16	56.78	11	58.53	16	62.27
JAN 20, 1968	54.64	AUG 01	56.79	SEP 13	58.96	JAN 01, 1979	62.12
25	54.56	16	56.67	15	59.05	16	62.16
FEB 01	54.67	SEP 01	56.62	OCT 23	58.07	FEB 01	62.08
15	54.50	15	56.50	27	58.15	14	62.22
MAR 01	54.48	OCT 01	56.58	NOV 01	58.23	MAR 01	62.20
16	54.64	16	56.53	03	58.22	16	62.48
APR 01	54.57	NOV 01	56.44	DEC 17	57.93	APR 01	62.42
15	54.45	15	56.17	24	58.17	15	62.22
MAY 01	54.56	DEC 01	56.09	JAN 01, 1976	57.99	MAY 01	62.16
16	54.83	16	56.22	16	58.18	16	62.15
JUN 01	54.96	JAN 01, 1973	56.44	FEB 01	58.23	JUN 01	62.00
15	55.18	16	56.94	15	58.75	15	62.02
JUL 01	55.32	FEB 01	57.20	MAR 01	58.78	JUL 01	61.95
03	55.30	11	57.28	16	58.83	16	62.17
NOV 19, 1969	56.13	MAR 07	57.75	APR 01	59.14	AUG 01	62.30
24	56.33	18	57.79	11	59.58	16	62.43
DEC 01	56.15	APR 01	58.02	MAY 18	59.70	SEP 01	62.45
16	56.20	15	58.48	19	59.72	15	62.54
JAN 01, 1970	56.10	MAY 01	58.70	JUL 01	60.30	OCT 01	62.30
16	56.28	16	58.90	16	60.22	16	62.30
FEB 01	56.46	JUN 01	59.02	AUG 01	60.40	NOV 01	62.33
14	56.75	15	59.25	09	60.39	09	62.17
MAR 01	57.03	JUL 01	59.26	NOV 27	61.30	DEC 01	61.98
16	57.07	16	59.22	28	61.34	16	61.92
APR 01	56.98	AUG 01	59.25	DEC 17	61.24	JAN 01, 1980	61.82
15	56.87	16	59.43	22	61.08	16	61.93
MAY 01	57.06	SEP 01	59.58	JAN 05, 1977	61.19	FEB 01	62.06
12	57.15	15	59.40	06	61.26	15	62.23
JUN 11	57.24	OCT 01	59.37	FEB 18	61.78	MAR 01	62.48
20	57.19	15	59.33	19	61.92	16	62.45
JUL 01	57.14	NOV 05	59.37	MAR 03	61.99	APR 01	62.12
16	57.05	17	59.59	17	61.97	15	61.82
AUG 01	57.07	DEC 01	59.59	APR 01	62.22	MAY 01	61.62
16	57.27	16	59.02	02	62.25	16	61.65
SEP 01	57.54	JAN 01, 1974	58.87	JUN 21	61.67	JUN 01	61.42
15	57.71	13	58.83	25	61.55	15	61.18
OCT 01	57.92	FEB 01	58.69	JUL 01	61.62	JUL 01	61.10
16	58.24	19	58.60	15	61.65	16	61.08
NOV 01	58.25	MAR 01	58.73	AUG 01	61.85	AUG 01	61.32
15	57.95	16	58.52	16	62.08	16	61.81
DEC 01	58.01	APR 01	58.33	SEP 01	62.22	SEP 01	61.92
16	57.89	15	58.07	15	62.40	15	62.14
JAN 01, 1971	57.54	JUN 01	58.07	OCT 01	62.26	OCT 01	62.16
16	57.60	16	58.05	16	62.27	16	62.35
FEB 01	57.52	JUL 01	57.98	NOV 01	62.48	NOV 01	62.26
15	57.53	16	58.05	15	62.41	15	62.39
MAR 01	57.59	AUG 01	58.15	DEC 01	62.16	DEC 01	62.37
11	57.60	11	58.16	16	62.36	14	62.57
APR 01	57.48	SEP 01	58.27	JAN 01, 1978	62.26	JAN 01, 1981	62.65
15	57.36	15	58.32	16	62.50	16	62.93
MAY 01	57.10	OCT 01	58.30	FEB 01	62.39	FEB 01	63.12
16	56.78	05	58.47	15	62.26	14	63.39
JUL 12	56.46	NOV 16	58.43	MAR 01	62.33	MAR 01	63.30

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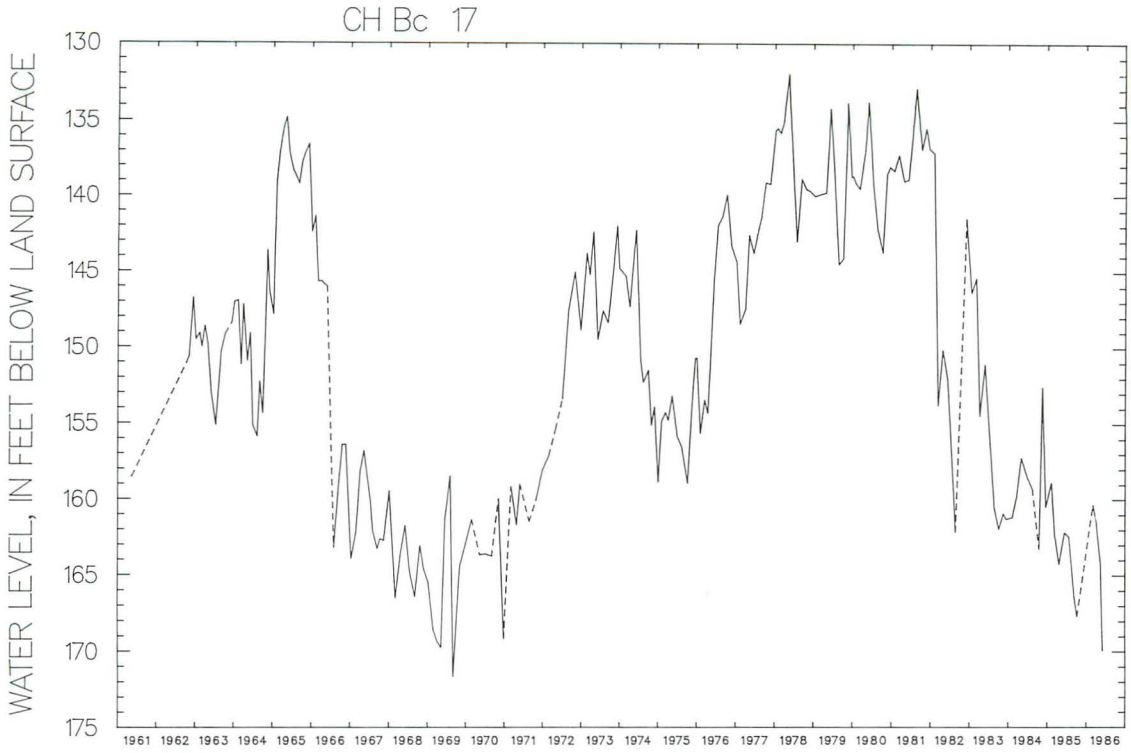
CE Cf 49

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 16, 1981	63.45	AUG 01, 1982	63.51	DEC 14, 1983	63.79	MAY 01, 1985	64.07
APR 01	63.61	15	63.81	JAN 01, 1984	64.13	16	63.87
15	63.85	SEP 01	63.81	16	64.00	JUN 01	63.87
MAY 01	63.35	02	63.74	FEB 01	64.01	15	64.00
16	63.17	OCT 12	63.83	15	63.82	JUL 01	64.07
JUN 01	63.16	21	63.97	MAR 01	63.95	16	64.12
15	62.91	NOV 01	63.91	16	63.97	AUG 01	64.10
JUL 01	62.80	15	64.06	APR 01	63.83	16	64.38
16	62.75	DEC 01	64.05	15	63.57	SEP 01	64.57
AUG 01	62.92	16	63.99	MAY 01	63.56	15	64.83
16	62.77	JAN 01, 1983	64.13	16	63.54	OCT 01	64.42
SEP 01	62.80	16	64.04	JUN 01	63.37	16	64.39
15	62.79	FEB 01	64.22	15	63.67	NOV 01	64.35
OCT 01	62.72	15	63.92	JUL 01	63.40	15	64.51
16	62.82	MAR 01	63.86	16	63.35	DEC 01	64.14
NOV 01	62.80	16	63.82	AUG 01	63.47	16	64.10
15	62.50	APR 01	63.53	16	63.48	JAN 01, 1986	64.13
DEC 01	62.60	15	63.39	SEP 01	63.75	16	64.27
16	62.53	MAY 01	63.40	10	63.73	FEB 01	64.26
JAN 01, 1982	62.52	16	63.46	OCT 04	63.88	11	64.08
16	62.55	JUN 01	63.28	11	63.89	MAR 01	64.25
FEB 01	62.90	15	63.54	NOV 07	63.87	16	64.30
14	63.02	JUL 01	63.60	09	63.80	APR 01	64.47
MAR 01	63.32	16	63.85	DEC 10	63.48	15	64.41
16	63.32	AUG 01	64.13	19	63.67	MAY 01	64.37
APR 01	63.26	16	64.48	JAN 04, 1985	63.58	16	64.49
15	63.31	SEP 01	64.44	17	63.75	JUN 01	64.45
MAY 01	63.35	15	64.54	FEB 01	63.87	05	64.61
16	63.47	OCT 01	64.46	14	63.89	JUL 07	65.10
JUN 01	63.22	16	64.47	MAR 01	64.17		
14	63.18	NOV 01	64.48	16	64.25		
JUL 01	63.32	15	64.23	APR 01	63.93		
16	63.48	DEC 01	64.25	15	64.10		

WELL NUMBER.--CH Bc 17 SITE ID.--383539077095802 PERMIT NUMBER.--CH-01-1905
LOCATION.--Lat 38°35'39", long 77°09'58", Hydrologic Unit 02070011, at U.S. Naval Ordnance Station, Indian Head. Owner: U.S. Navy.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 450 ft; casing diameter 8 in. with depth to 450 ft; screen diameter 7.5 in. from 345 to 361 ft.
DATUM.--Altitude of land-surface datum is 73.4 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Well destroyed July 1986.
PERIOD OF RECORD.--May 1961 to June 1986.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 131.96 ft below land-surface datum, May 11, 1978; lowest measured, 171.67 ft below land-surface datum, Sept. 5, 1969.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 11, 1961	158.54	AUG 03, 1967	162.05	SEP 30, 1974	151.50	MAY 28, 1980	133.74
16	158.50	SEP 14	163.29	OCT 29	155.08	JUL 09	139.30
OCT 10, 1962	151.09	OCT 11	162.64	NOV 27	153.89	AUG 19	142.18
NOV 06	150.60	NOV 14	162.74	JAN 03, 1975	158.86	OCT 07	143.70
DEC 13	146.74	JAN 05, 1968	159.46	FEB 04	154.83	NOV 14	138.51
JAN 09, 1963	149.51	MAR 04	166.53	MAR 11	154.26	DEC 11	138.04
FEB 14	149.08	APR 19	163.72	APR 07	154.77	JAN 21, 1981	138.30
MAR 06	149.99	JUN 04	161.74	MAY 13	153.16	MAR 04	137.25
APR 03	148.62	JUL 15	164.74	JUL 03	155.86	APR 23	138.99
MAY 01	149.74	SEP 05	166.43	AUG 12	156.50	JUN 03	138.87
JUN 04	153.02	OCT 22	163.07	OCT 08	158.93	JUL 14	135.73
JUL 17	155.12	NOV 27	164.59	NOV 20	153.48	AUG 20	132.87
SEP 04	150.34	JAN 10, 1969	165.52	DEC 16	150.71	OCT 06	136.88
OCT 12	149.15	FEB 25	168.53	31	150.68	NOV 17	135.48
DEC 14	148.37	APR 02	169.28	FEB 04, 1976	155.62	DEC 15	136.80
JAN 07, 1964	147.04	MAY 12	169.77	MAR 15	153.44	JAN 29, 1982	137.15
FEB 11	146.92	JUN 16	161.31	APR 15	154.31	MAR 12	153.77
MAR 11	151.17	AUG 05	158.46	JUN 08	145.60	APR 23	150.10
31	147.18	SEP 05	171.67	JUL 15	141.95	JUN 09	152.06
MAY 07	150.93	NOV 03	164.47	AUG 26	141.33	JUL 08	155.67
JUN 05	149.08	DEC 30	162.96	OCT 07	139.91	AUG 24	162.13
JUL 01	155.14	FEB 25, 1970	161.35	NOV 18	143.26	NOV 30	141.49
AUG 11	155.88	MAY 12	163.68	JAN 05, 1977	144.33	JAN 18, 1983	146.32
SEP 02	152.27	JUL 06	163.62	FEB 09	148.42	MAR 03	145.35
OCT 02	154.37	SEP 04	163.78	MAR 30	147.42	APR 08	154.44
NOV 13	143.60	NOV 06	159.98	MAY 04	142.57	MAY 25	151.04
DEC 03	146.36	DEC 29	169.16	JUN 16	143.77	JUL 13	156.18
JAN 08, 1965	147.84	MAR 05, 1971	159.17	JUL 29	142.24	AUG 23	160.53
FEB 05	139.06	APR 28	161.71	AUG 25	141.41	OCT 05	161.93
MAR 05	137.17	MAY 29	159.00	OCT 05	139.09	NOV 16	160.90
APR 07	135.51	AUG 26	161.49	NOV 16	139.19	DEC 14	161.27
MAY 07	134.81	OCT 29	160.09	JAN 04, 1978	135.65	FEB 08, 1984	161.16
JUN 04	137.19	DEC 29	158.09	25	135.47	MAR 20	159.74
JUL 08	138.30	FEB 29, 1972	157.11	FEB 23	135.79	MAY 02	157.21
AUG 01	138.69	MAY 02	155.38	MAR 23	135.08	JUN 27	158.49
SEP 03	139.22	JUL 06	153.36	MAY 11	131.96	AUG 14	159.27
OCT 01	137.79	AUG 31	147.54	JUN 22	138.50	OCT 17	163.25
27	137.21	OCT 31	145.02	JUL 26	142.98	NOV 15	152.56
DEC 03	136.56	DEC 27	148.84	SEP 07	138.84	DEC 18	160.47
JAN 05, 1966	142.42	FEB 21, 1973	143.78	OCT 19	139.50	FEB 08, 1985	158.84
FEB 04	141.36	MAR 22	145.21	DEC 04	139.73	MAR 13	162.32
MAR 04	145.66	APR 25	142.40	JAN 10, 1979	140.01	APR 22	164.24
APR 08	145.67	JUN 05	149.47	MAR 08	139.85	JUN 12	162.14
28	145.85	JUL 25	147.58	APR 25	139.75	JUL 23	162.45
MAY 26	146.00	SEP 11	148.36	JUN 06	134.17	SEP 12	166.43
AUG 02	163.19	OCT 31	144.86	JUL 11	138.60	OCT 09	167.65
SEP 15	159.11	DEC 07	141.97	AUG 22	144.49	MAR 05, 1986	160.35
OCT 20	156.40	27	144.78	OCT 03	144.08	APR 04	161.38
NOV 21	156.40	FEB 27, 1974	145.30	NOV 16	133.78	MAY 15	164.19
JAN 12, 1967	163.93	APR 05	147.31	DEC 19	138.70	JUN 05	169.91
FEB 27	162.20	MAY 16	143.75	JAN 02, 1980	138.67		
APR 07	158.17	JUN 05	142.26	24	139.08		
MAY 12	156.81	JUL 18	150.86	MAR 05	139.50		
JUL 13	160.17	AUG 13	152.28	APR 23	136.94		


CH Bc 17
WATER LEVEL, IN FEET BELOW LAND SURFACE
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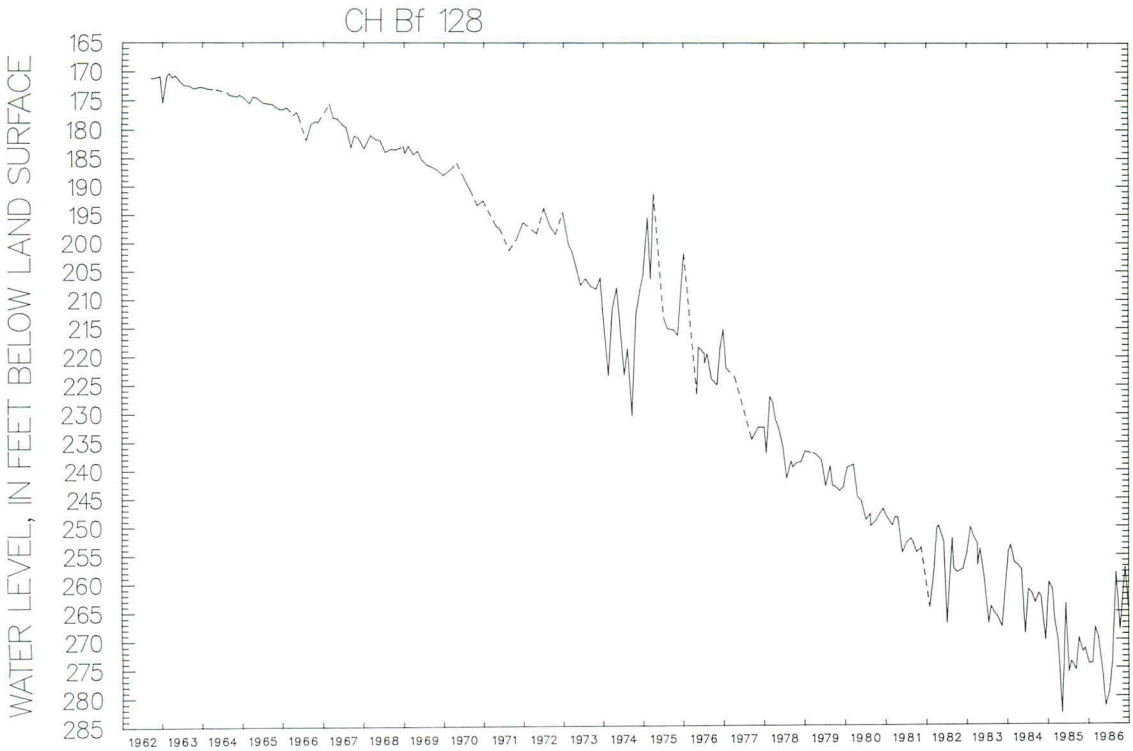
1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--CH Bf 128 SITE ID.--383722076544001 PERMIT NUMBER.--CH-03-1306
LOCATION.--Lat 38°37'22", long 76°54'40", Hydrologic Unit 02070011, 0.3 mi south of MD Rts 5 & 925 nr Washington Ave., Waldorf.
Owner: Southern Maryland Novelty Co.
AQUIFER.--Magothy Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 430 ft; casing diameter 4 in. with depth to 420 ft; screen diameter 2.5 in. from 420 to 430 ft.
DATUM.--Altitude of land-surface datum is 210 ft. Measuring point: Top of casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--September 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 170.31 ft below land-surface datum, March 6, 1963; lowest measured, 283.05 ft below land-surface datum, May 10, 1985.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 26, 1962	171.21	FEB 13, 1969	182.82	DEC 01, 1976	218.61	SEP 09, 1982	257.44
NOV 06	171.08	APR 02	184.36	30	215.25	OCT 06	258.12
DEC 13	170.87	MAY 08	183.72	JAN 25, 1977	222.07	NOV 30	257.55
JAN 09, 1963	175.40	JUN 19	185.30	APR 13	223.65	JAN 05, 1983	254.63
FEB 14	170.83	AUG 05	186.20	SEP 14	234.53	FEB 04	250.15
MAR 06	170.31	SEP 05	186.42	NOV 10	232.40	MAR 03	251.68
APR 03	171.09	NOV 03	187.04	JAN 04, 1978	232.40	APR 08	253.06
MAY 01	170.71	DEC 30	188.00	24	236.94	12	256.88
JUN 04	171.57	FEB 28, 1970	187.04	FEB 24	227.04	MAY 03	253.96
JUL 17	172.42	MAY 05	185.89	MAR 23	228.05	JUN 07	258.72
SEP 04	172.51	JUL 07	188.51	APR 17	231.12	JUL 20	267.14
OCT 12	172.98	SEP 04	190.67	MAY 11	232.28	AUG 10	264.09
DEC 14	172.70	NOV 06	193.33	JUN 22	235.70	SEP 08	265.28
JAN 07, 1964	172.79	DEC 28	192.51	JUL 26	241.47	OCT 04	265.85
FEB 11	172.99	APR 29, 1971	197.06	SEP 06	238.34	NOV 17	267.70
MAY 07	173.18	MAY 29	197.47	21	239.55	JAN 13, 1984	254.47
AUG 11	173.64	AUG 26	201.30	OCT 19	238.74	FEB 02	253.29
SEP 02	174.08	OCT 29	199.38	DEC 04	238.51	MAR 08	256.37
OCT 02	174.19	DEC 30	196.37	JAN 09, 1979	236.62	APR 10	256.85
NOV 13	174.35	MAY 02, 1972	198.33	MAR 22	236.95	MAY 10	257.69
DEC 03	174.02	JUL 06	193.81	APR 25	237.33	JUN 12	268.89
JAN 08, 1965	174.48	SEP 01	196.99	JUN 06	238.26	JUL 12	261.14
MAR 05	175.50	OCT 21	198.49	JUL 12	242.84	AUG 10	261.77
APR 07	174.34	DEC 27	194.55	AUG 22	239.33	SEP 12	263.51
MAY 07	174.52	FEB 20, 1973	200.39	SEP 11	242.73	OCT 10	261.81
JUN 04	174.93	MAR 23	201.46	OCT 03	242.85	NOV 01	262.40
JUL 08	175.44	MAY 01	204.20	NOV 15	243.64	DEC 12	270.12
AUG 01	175.50	JUN 11	207.48	DEC 19	242.94	JAN 10, 1985	260.47
SEP 03	175.61	JUL 25	206.27	JAN 04, 1980	241.08	11	259.92
OCT 01	175.70	SEP 11	207.65	24	239.50	FEB 13	261.23
27	176.12	OCT 30	208.13	MAR 04	239.15	MAR 06	266.80
DEC 03	176.51	DEC 07	206.16	19	239.00	APR 04	270.05
JAN 05, 1966	176.55	27	211.58	APR 23	244.71	MAY 10	283.05
FEB 04	176.19	FEB 20, 1974	223.30	MAY 28	245.46	JUN 13	263.64
APR 08	177.51	MAR 27	211.71	JUL 09	248.89	JUL 11	275.83
MAY 05	177.03	MAY 06	207.89	AUG 18	247.71	AUG 01	273.86
26	177.79	JUN 04	214.05	19	249.97	SEP 12	275.40
AUG 04	181.90	JUL 15	223.21	OCT 08	248.96	OCT 10	269.66
SEP 15	179.10	AUG 14	218.59	NOV 13	247.67	NOV 13	272.17
OCT 20	178.61	SEP 24	230.44	DEC 11	246.83	DEC 04	271.54
NOV 17	178.73	OCT 30	212.62	JAN 05, 1981	248.04	JAN 08, 1986	274.29
FEB 27, 1967	175.65	DEC 04	208.44	21	248.54	FEB 10	274.20
APR 03	177.96	JAN 03, 1975	205.64	MAR 04	249.85	MAR 06	267.83
MAY 12	178.15	FEB 10	195.47	30	248.29	APR 03	269.65
JUN 28	179.20	MAR 11	206.39	APR 22	248.40	MAY 15	276.85
JUL 31	179.65	APR 07	191.26	JUN 02	254.67	JUN 05	281.77
SEP 14	183.16	JUL 08	213.10	JUL 09	252.90	JUL 10	279.34
OCT 11	181.06	AUG 13	215.12	AUG 18	252.15	AUG 07	273.59
NOV 15	181.37	OCT 08	215.36	SEP 09	252.90	SEP 09	258.20
JAN 11, 1968	183.31	NOV 14	216.28	OCT 07	254.58	OCT 16	268.24
MAR 06	180.94	JAN 07, 1976	201.87	NOV 18	253.72	NOV 13	261.21
APR 22	181.66	MAY 06	226.60	FEB 02, 1982	264.29	DEC 01	257.27
JUN 04	181.90	20	218.35	MAR 12	258.22	29	264.32
JUL 19	183.96	JUL 12	219.48	APR 07	250.30		
SEP 07	183.43	14	221.18	23	249.83		
OCT 22	183.49	AUG 07	219.50	JUN 09	252.78		
DEC 31	182.95	SEP 14	223.90	JUL 08	267.12		
JAN 13, 1969	184.17	NOV 04	225.05	AUG 24	252.12		


CH Bf 128
WATER LEVEL, IN FEET BELOW LAND SURFACE
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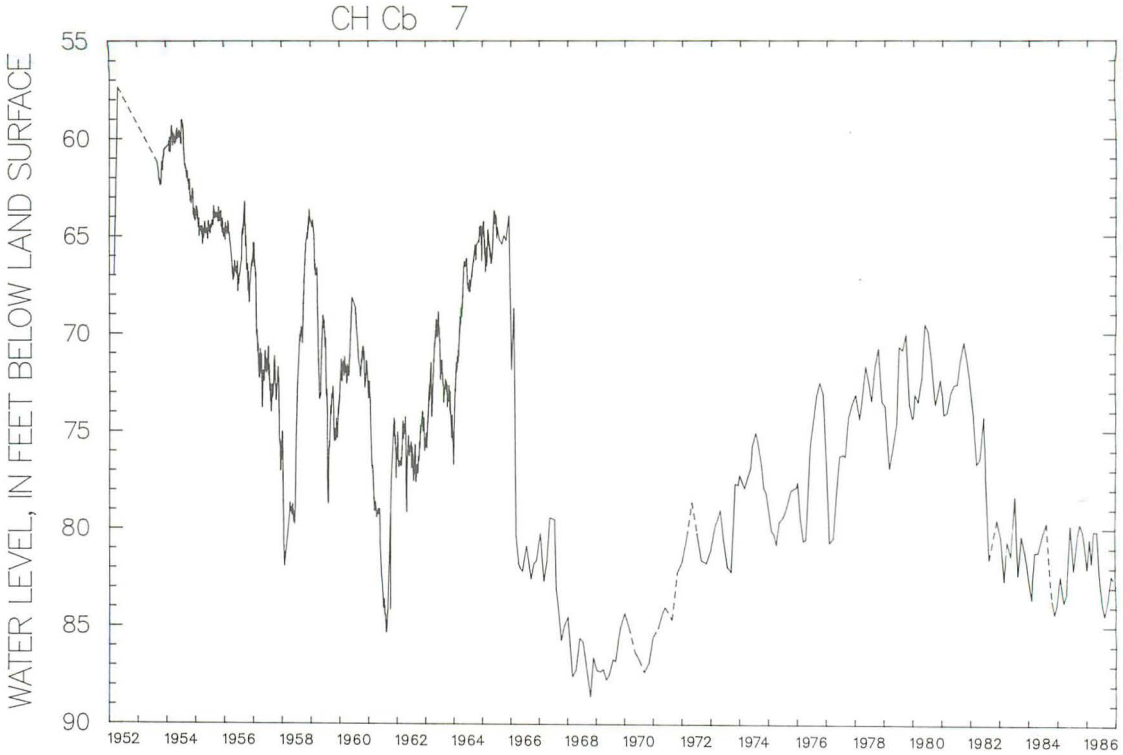
1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--CH Cb 7 SITE ID.--383422077114601 PERMIT NUMBER.--CH-01-1908
LOCATION.--Lat 38°34'22", long 77°11'46", Hydrologic Unit 02070011, at Caffee and Greenslade Rds., U.S. Naval Ordnance Station, about 2.5 mi southwest of Indian Head.
Owner: U.S. Navy.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 400 ft; casing diameter 8 in. with depth to 400 ft; screen diameter 6 in. from 154.1 to 167 ft.
DATUM.--Altitude of land-surface datum is 36 ft. Measuring point: Top of casing at land-surface datum.
REMARKS.--Equipped with water-level recorder Sept. 21, 1953, to July 8, 1965.
PERIOD OF RECORD.--March and April 1952, August 1953 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.35 ft below land-surface datum, April 18, 1952; lowest measured, 88.58 ft below land-surface datum, Oct. 22, 1968.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 03, 1952	67.00	AUG 01, 1956	66.18	JUL 16, 1959	73.08	AUG 01, 1962	76.87
APR 18	57.35	16	64.65	AUG 01	78.35	16	75.85
AUG 31, 1953	61.19	SEP 01	63.85	10	76.67	SEP 05	76.74
SEP 21	61.81	14	64.20	SEP 02	73.70	17	77.07
25	62.07	OCT 01	65.45	16	73.08	OCT 01	76.38
OCT 01	62.07	20	66.89	OCT 01	72.70	18	75.55
16	62.24	NOV 01	67.14	19	75.48	NOV 01	74.75
NOV 01	61.36	08	68.14	NOV 01	74.94	15	74.01
12	61.00	DEC 05	66.50	13	74.35	DEC 01	74.77
DEC 03	60.50	18	66.30	DEC 01	74.89	19	75.54
JAN 18, 1954	60.28	JAN 01, 1957	65.93	12	73.89	JAN 01, 1963	75.69
25	60.12	16	66.33	JAN 06, 1960	71.92	16	75.33
FEB 01	60.34	FEB 01	67.53	18	71.68	FEB 01	73.70
14	60.50	14	69.96	FEB 01	71.78	19	72.88
MAR 01	59.32	MAR 01	71.18	15	71.90	MAR 01	71.88
16	60.33	17	72.11	MAR 01	71.70	16	74.24
APR 01	59.75	APR 01	71.78	16	71.75	APR 01	72.38
15	60.14	15	72.81	APR 01	72.00	15	71.06
MAY 01	59.70	MAY 01	71.98	15	72.03	MAY 01	70.18
16	59.69	18	71.83	MAY 01	71.11	15	69.52
JUN 01	59.85	JUN 01	71.33	16	69.81	JUN 04	69.21
14	59.89	15	71.96	JUN 01	68.15	17	69.66
JUL 01	60.26	JUL 01	71.10	JUL 13	68.65	JUL 01	71.15
16	59.37	16	71.70	20	69.20	22	71.54
AUG 01	60.31	AUG 01	73.19	AUG 12	70.53	AUG 01	72.07
14	61.31	19	73.18	15	70.86	09	72.60
SEP 03	61.51	SEP 01	73.10	SEP 09	71.80	SEP 04	72.70
16	61.71	16	71.53	19	71.94	17	72.45
OCT 01	62.13	OCT 01	72.03	OCT 01	71.45	OCT 01	73.13
16	62.06	06	72.68	16	70.72	19	73.38
NOV 01	63.11	NOV 08	71.70	NOV 01	70.93	NOV 01	73.45
15	62.97	19	73.93	15	72.38	10	73.95
DEC 01	63.91	DEC 01	75.44	DEC 01	71.81	DEC 01	74.59
16	63.87	16	76.41	12	72.00	16	75.83
JAN 01, 1955	63.83	JAN 01, 1958	75.06	JAN 01, 1961	72.63	JAN 01, 1964	74.51
16	63.60	16	79.52	10	73.19	16	72.33
FEB 01	64.22	FEB 01	81.68	FEB 07	76.45	FEB 01	71.56
15	64.86	03	81.40	17	76.90	15	71.26
MAR 01	64.62	MAR 05	80.44	MAR 01	77.73	MAR 01	70.49
16	64.55	APR 03	79.07	14	78.71	16	69.27
APR 01	65.01	16	79.03	APR 05	78.95	APR 01	68.77
15	64.64	MAY 01	79.26	11	79.36	15	68.14
MAY 01	64.49	16	79.29	MAY 02	78.95	MAY 01	66.57
15	64.70	JUN 01	79.67	18	79.18	18	66.47
JUN 01	65.09	15	78.29	JUN 12	82.31	JUN 01	66.20
17	64.72	JUL 01	73.93	28	83.29	15	67.07
JUL 01	64.78	06	73.11	JUL 01	83.46	JUL 01	67.70
16	64.45	AUG 08	70.05	16	83.62	16	67.54
AUG 01	64.24	19	69.95	AUG 01	84.44	AUG 01	67.44
16	63.84	SEP 01	69.80	16	85.27	20	66.75
SEP 01	63.97	15	69.73	OCT 03	79.25	SEP 01	66.30
14	63.89	OCT 01	67.20	08	78.67	15	65.83
OCT 06	63.98	11	66.35	NOV 09	74.89	OCT 01	65.53
18	63.50	NOV 04	65.07	19	74.53	06	66.18
NOV 01	63.82	17	64.86	DEC 01	75.65	NOV 13	65.20
15	63.84	DEC 01	64.40	18	76.66	21	64.77
DEC 01	64.79	04	63.84	JAN 01, 1962	75.54	DEC 01	64.75
16	64.88	JAN 06, 1959	64.46	13	76.60	16	65.55
JAN 01, 1956	64.78	09	64.37	FEB 07	76.65	JAN 08, 1965	64.33
14	64.71	FEB 04	64.94	17	76.61	19	64.75
FEB 03	64.72	14	66.57	MAR 01	75.95	FEB 01	66.08
19	64.40	MAR 04	66.71	17	75.37	14	66.08
APR 04	66.34	15	66.87	APR 01	74.86	MAR 01	66.08
17	67.15	APR 01	71.49	15	74.88	16	65.02
MAY 01	67.03	09	72.84	MAY 01	79.04	APR 01	65.60
16	66.58	MAY 01	72.14	16	75.57	16	66.34
JUN 01	66.78	17	70.10	JUN 01	76.26	MAY 01	66.13
15	67.43	JUN 01	69.12	16	75.94	15	64.70
JUL 01	67.30	16	69.92	JUL 01	75.95	JUN 01	63.77
03	67.23	JUL 01	70.55	16	76.35	15	64.06

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 01, 1965	65.10	MAR 05, 1971	85.08	JAN 05, 1977	77.26	MAR 12, 1982	76.67
03	64.93	APR 28	84.30	FEB 09	80.70	APR 23	76.38
AUG 01	65.18	MAY 29	84.01	MAR 30	80.46	JUN 09	74.26
SEP 03	65.42	AUG 26	84.65	MAY 04	78.34	JUL 08	77.40
OCT 01	64.97	OCT 29	82.25	JUN 16	76.25	AUG 24	81.55
27	65.23	DEC 29	81.69	JUL 29	76.18	NOV 30	79.54
DEC 03	63.97	FEB 29, 1972	80.41	AUG 25	76.27	JAN 18, 1983	80.39
JAN 05, 1966	71.85	MAY 02	78.62	OCT 05	74.27	MAR 03	82.64
FEB 04	68.69	JUL 06	80.22	NOV 16	73.65	APR 08	80.60
MAR 04	80.30	AUG 31	81.60	JAN 04, 1978	73.11	MAY 25	81.38
APR 08	81.82	OCT 31	81.75	24	73.62	JUL 13	78.33
28	82.02	DEC 27	81.10	FEB 23	74.36	AUG 23	82.35
MAY 26	82.17	FEB 21, 1973	79.80	MAR 23	73.53	OCT 05	80.36
JUL 18	80.86	MAR 22	79.50	MAY 11	71.66	NOV 16	81.17
SEP 15	82.57	APR 25	79.02	JUN 22	72.54	DEC 14	81.85
OCT 20	81.79	JUN 05	80.49	JUL 26	73.45	FEB 08, 1984	83.59
NOV 21	81.63	JUL 25	81.94	SEP 07	71.67	MAR 20	81.19
JAN 12, 1967	80.24	SEP 11	82.20	OCT 19	70.76	MAY 02	81.17
FEB 27	82.69	OCT 31	77.68	DEC 04	73.47	JUN 27	80.28
APR 07	81.68	DEC 07	77.73	JAN 10, 1979	73.69	AUG 14	79.68
MAY 12	79.43	27	77.24	MAR 08	76.88	OCT 17	83.66
JUL 13	79.53	FEB 27, 1974	77.90	APR 25	75.72	NOV 15	84.35
AUG 03	83.06	APR 05	77.39	JUN 06	74.60	DEC 18	83.81
SEP 14	84.54	MAY 16	76.88	JUL 11	70.66	FEB 08, 1985	82.40
OCT 11	85.73	JUN 05	75.73	AUG 22	70.85	MAR 13	83.74
NOV 14	85.03	JUL 18	75.07	OCT 03	70.05	APR 22	83.30
JAN 05, 1968	84.52	AUG 13	75.49	NOV 15	73.58	JUN 12	79.81
MAR 04	87.57	SEP 30	76.68	DEC 19	74.33	JUL 23	82.09
APR 19	87.21	OCT 29	77.87	JAN 02, 1980	74.25	SEP 12	80.32
JUN 04	85.60	NOV 27	78.13	24	73.10	OCT 09	79.74
JUL 15	85.79	JAN 03, 1975	79.13	MAR 05	73.49	NOV 15	80.13
SEP 05	87.23	FEB 04	80.09	APR 23	72.24	DEC 04	80.65
OCT 22	88.58	MAR 11	80.28	MAY 28	69.52	JAN 08, 1986	82.03
NOV 27	86.60	APR 07	80.80	JUL 09	69.90	FEB 10	80.50
JAN 10, 1969	87.25	MAY 13	79.64	AUG 19	71.28	MAR 05	81.74
FEB 25	87.31	JUL 03	79.38	OCT 07	73.62	APR 04	80.10
APR 02	87.19	AUG 12	78.93	NOV 14	72.96	MAY 15	80.11
MAY 12	87.71	OCT 08	78.03	DEC 11	72.37	JUN 05	81.87
JUN 16	87.48	NOV 20	77.91	JAN 06, 1981	73.09	JUL 10	83.84
AUG 05	86.69	DEC 16	77.86	21	74.14	AUG 07	84.42
SEP 05	86.77	31	77.62	MAR 04	74.02	SEP 26	83.53
NOV 03	85.14	FEB 04, 1976	79.42	APR 23	73.02	OCT 17	83.03
DEC 30	84.32	MAR 15	80.62	JUN 03	72.63	NOV 13	82.38
FEB 25, 1970	85.03	APR 15	80.54	JUL 14	72.57	DEC 04	82.53
MAY 12	86.30	JUN 08	75.78	AUG 20	71.39		
JUL 06	86.71	JUL 15	74.58	OCT 06	70.45		
SEP 09	87.33	AUG 26	73.23	NOV 17	71.47		
NOV 06	86.86	OCT 07	72.50	DEC 15	72.29		
DEC 29	85.54	NOV 18	73.06	JAN 29, 1982	74.18		


CH Cb 7
WATER LEVEL, IN FEET BELOW LAND SURFACE
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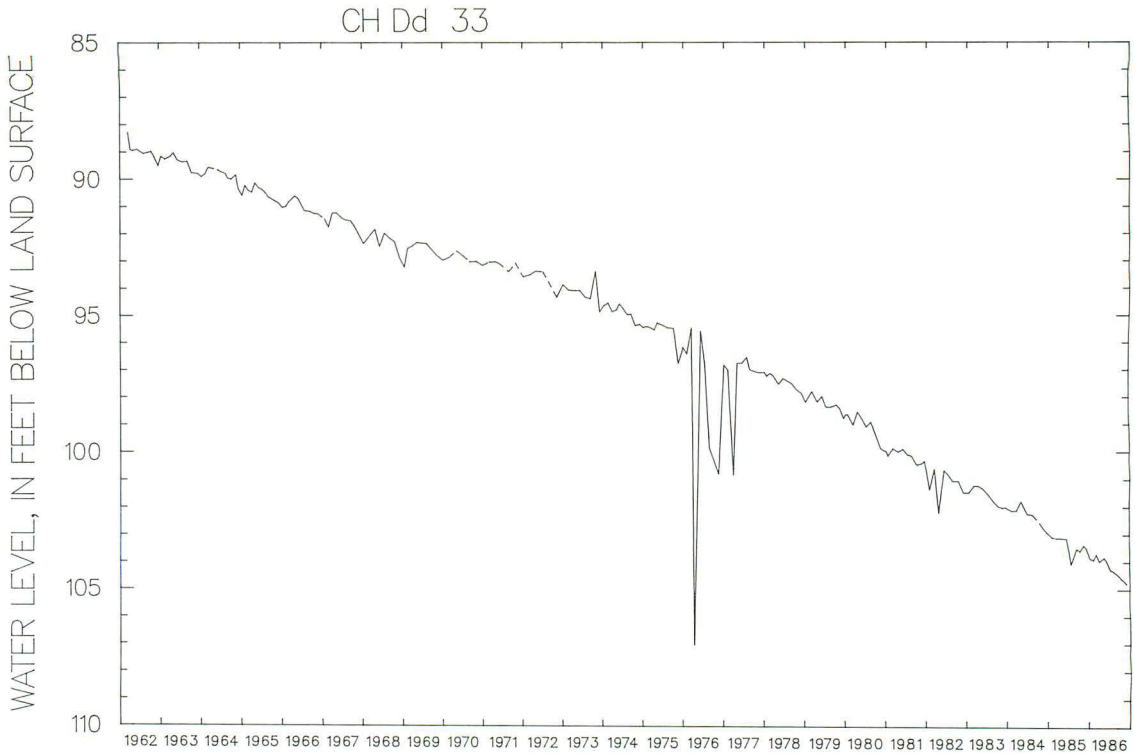
WELL NUMBER.--CH Dd 33 SITE ID.--382607077002601 PERMIT NUMBER.--CH-02-6769
LOCATION.--Lat 38°26'07", long 77°00'26", Hydrologic Unit 0207001, 1.8 mi southwest of Faulkner off Popes Creek Rd. Owner: Jesuit Order (Loyola Retreat House).
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 694 ft; casing diameter 6 in. with depth to 564 ft; casing diameter 4 in. from 532 to 688 ft; screen diameter 4 in. from 687 to 694 ft.
DATUM.--Altitude of land-surface datum is 99.8 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
REMARKS.--Water level reported 104 ft below land-surface datum, June 27, 1957.
PERIOD OF RECORD.--March 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.28 ft below land-surface datum, March 14, 1962; lowest measured, 107.05 ft below land-surface datum, April 14, 1976.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 14, 1962	88.28	AUG 03, 1967	91.50	FEB 04, 1975	95.41	JAN 21, 1981	100.14
APR 06	88.91	SEP 15	91.53	MAR 13	95.46	MAR 04	99.87
25	88.94	OCT 11	91.68	APR 16	95.54	APR 22	99.99
JUN 05	88.90	NOV 15	91.93	MAY 13	95.28	JUN 03	99.89
29	88.96	JAN 09, 1968	92.37	JUL 01	95.37	JUL 14	100.09
AUG 01	89.05	MAR 06	92.07	AUG 11	95.45	AUG 20	100.14
SEP 04	89.02	APR 22	91.84	OCT 08	95.49	OCT 06	100.46
OCT 09	88.97	JUN 04	92.48	NOV 19	96.77	NOV 17	100.42
NOV 05	89.15	JUL 17	91.98	DEC 22	96.35	DEC 15	100.33
DEC 13	89.50	AUG 28	92.15	31	96.18	JAN 29, 1982	101.36
JAN 09, 1963	89.16	OCT 17	92.30	FEB 04, 1976	96.42	MAR 12	100.61
FEB 14	89.26	DEC 02	92.89	MAR 17	95.47	APR 23	102.21
MAR 06	89.21	JAN 15, 1969	93.24	APR 14	107.05	JUN 07	100.65
APR 02	89.16	FEB 13	92.55	JUN 09	95.58	JUL 08	100.79
30	89.02	APR 02	92.44	JUL 15	96.79	AUG 24	101.05
JUN 04	89.29	MAY 08	92.32	AUG 25	99.85	OCT 14	101.05
JUL 17	89.37	JUN 19	92.35	OCT 06	100.31	NOV 30	101.46
SEP 03	89.34	AUG 06	92.37	NOV 17	100.80	JAN 18, 1983	101.46
OCT 11	89.76	SEP 05	92.52	JAN 04, 1977	96.83	MAR 03	101.22
DEC 10	89.79	OCT 29	92.77	FEB 09	97.02	APR 08	101.21
JAN 07, 1964	89.91	DEC 30	92.98	MAR 30	100.84	MAY 25	101.33
FEB 11	89.80	FEB 28, 1970	92.88	MAY 04	96.76	JUL 12	101.54
MAR 10	89.56	MAY 07	92.64	JUN 15	96.76	AUG 23	101.76
JUN 04	89.65	JUL 02	92.81	JUL 28	96.54	OCT 05	101.95
JUL 01	89.72	SEP 04	93.04	AUG 25	97.00	NOV 15	102.02
AUG 11	89.79	NOV 06	93.03	OCT 05	97.07	DEC 14	102.00
SEP 02	89.96	DEC 29	93.17	NOV 16	97.11	FEB 06, 1984	102.12
OCT 02	90.00	MAR 03, 1971	93.05	JAN 04, 1978	97.10	MAR 20	102.12
NOV 13	89.84	APR 29	93.03	24	97.24	MAY 02	101.78
DEC 03	90.32	MAY 27	93.09	FEB 23	97.14	JUN 26	102.23
JAN 08, 1965	90.60	AUG 26	93.40	MAR 23	97.22	AUG 14	102.27
FEB 04	90.23	OCT 29	93.09	MAY 11	97.53	OCT 16	102.56
MAR 05	90.40	JAN 05, 1972	93.59	JUN 22	97.32	NOV 16	102.75
APR 07	90.48	MAR 04	93.52	JUL 26	97.41	DEC 18	102.90
MAY 06	90.13	APR 29	93.38	SEP 06	97.51	FEB 07, 1985	103.09
JUN 04	90.30	JUL 06	93.41	OCT 19	97.72	MAR 12	103.12
JUL 08	90.38	NOV 09	94.34	DEC 04	97.87	APR 23	103.12
AUG 01	90.47	JAN 04, 1973	93.88	JAN 09, 1979	98.19	JUN 14	103.14
SEP 02	90.65	FEB 21	94.07	MAR 07	97.80	JUL 23	104.08
OCT 01	90.72	MAR 22	94.09	APR 25	98.18	SEP 12	103.50
26	90.78	APR 25	94.10	JUN 06	97.97	OCT 09	103.60
DEC 03	90.87	JUN 06	94.09	JUL 12	98.36	NOV 15	103.37
JAN 05, 1966	91.03	JUL 25	94.33	AUG 20	98.37	DEC 04	103.47
FEB 08	91.00	SEP 11	94.40	OCT 15	98.29	JAN 08, 1986	103.85
MAR 04	90.83	OCT 30	93.39	NOV 15	98.43	FEB 10	103.92
APR 08	90.70	DEC 05	94.88	DEC 18	98.78	MAR 05	103.70
28	90.61	JAN 09, 1974	94.66	JAN 04, 1980	98.65	APR 03	103.97
MAY 27	90.70	FEB 20	94.55	23	98.63	MAY 15	103.83
JUL 25	91.15	MAR 29	94.87	MAR 12	99.02	JUN 05	103.95
SEP 15	91.19	MAY 09	94.80	APR 22	98.54	JUL 10	104.27
OCT 20	91.26	JUN 04	94.58	MAY 28	98.77	AUG 07	104.33
NOV 20	91.26	JUL 15	94.80	JUL 08	99.09	SEP 25	104.49
JAN 23, 1967	91.48	AUG 14	94.98	AUG 18	98.91	OCT 17	104.60
FEB 27	91.76	SEP 16	94.96	OCT 07	99.44	NOV 13	104.69
APR 03	91.24	OCT 25	95.38	NOV 13	99.86	DEC 01	104.78
MAY 12	91.24	DEC 04	95.33	DEC 10	99.93		
JUN 28	91.43	JAN 06, 1975	95.45	JAN 05, 1981	99.97		


CH Dd 33
WATER LEVEL, IN FEET BELOW LAND SURFACE
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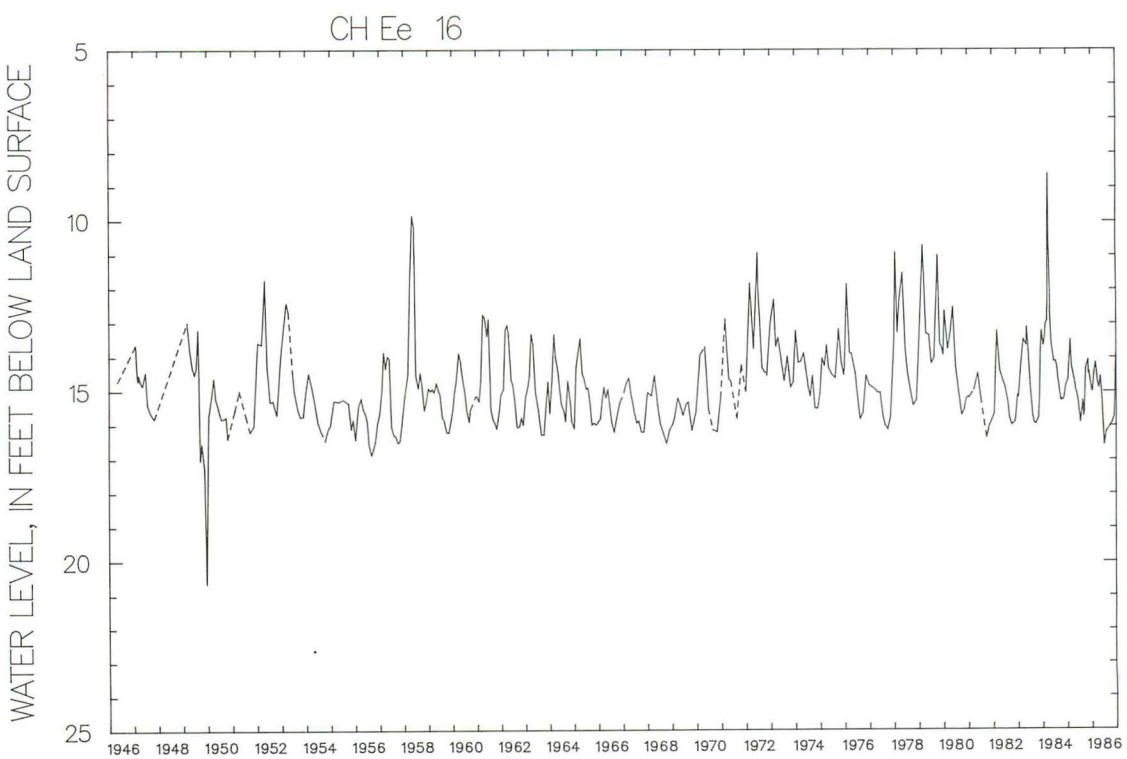
1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--CH Ee 16 SITE ID.--382103076560201
LOCATION.--Lat 38°21'03", long 76°56'02", Hydrologic Unit 02070010, near Wayside.
Owner: Harry Ferris.
AQUIFER.--Talbot Formation.
WELL CHARACTERISTICS.--Dug unused water-table well, depth 23 ft, casing diameter 42 in.
DATUM.--Altitude of land-surface datum is 40 ft. Measuring point: Top of casing, 1.8 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder March 29, 1966 to Oct. 11, 1967.
PERIOD OF RECORD.--May 1946, 1947, March 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.60 ft below land-surface datum, March 30, 1984; lowest measured, 20.65 ft below land-surface datum, Dec. 20, 1949.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 10, 1946	14.71	DEC 05, 1955	15.83	DEC 05, 1961	15.61	APR 20, 1968	14.53
JAN 28, 1947	13.66	JAN 10, 1956	16.42	JAN 02, 1962	15.08	JUN 07	15.35
FEB 04	13.77	FEB 06	15.78	FEB 06	14.94	JUL 17	15.93
11	14.09	28	15.41	MAR 09	13.20	AUG 28	16.20
MAR 05	14.70	APR 03	15.20	APR 05	13.05	OCT 17	16.53
11	14.66	MAY 01	15.49	25	13.32	DEC 02	16.13
APR 02	14.65	JUN 05	15.64	JUN 05	14.66	JAN 15, 1969	15.97
14	14.73	JUL 02	15.85	29	14.80	FEB 13	15.77
MAY 15	14.83	31	16.55	AUG 01	15.32	APR 02	15.19
JUN 25	14.44	SEP 04	16.87	SEP 04	16.06	MAY 08	15.38
JUL 29	15.38	OCT 02	16.71	OCT 09	16.02	JUN 19	15.70
SEP 04	15.60	30	16.48	NOV 06	15.76	AUG 06	15.37
OCT 06	15.72	DEC 05	15.91	DEC 03	15.98	SEP 05	15.31
NOV 06	15.80	JAN 03, 1957	15.67	JAN 09, 1963	15.15	OCT 29	16.15
MAR 08, 1949	12.99	FEB 07	14.99	FEB 14	14.83	DEC 30	15.58
APR 13	13.74	MAR 05	13.86	MAR 06	14.54	FEB 28, 1970	13.93
MAY 19	14.29	APR 02	14.33	APR 02	13.31	MAY 07	13.70
JUN 23	14.52	MAY 01	13.97	30	13.62	JUL 02	15.50
JUL 18	14.32	28	14.04	JUN 04	15.00	SEP 04	16.13
AUG 16	13.20	JUL 02	16.03	JUL 17	15.51	NOV 06	16.19
SEP 20	17.03	AUG 06	16.29	SEP 03	16.28	DEC 29	15.20
OCT 14	16.54	SEP 03	16.31	OCT 11	16.27	MAR 03, 1971	12.89
NOV 22	17.28	OCT 07	16.51	DEC 10	14.71	APR 29	14.64
DEC 20	20.65	NOV 07	16.43	JAN 07, 1964	15.64	MAY 27	14.70
JAN 25, 1950	15.71	DEC 04	15.94	FEB 11	14.59	AUG 26	15.79
MAR 06	15.17	JAN 14, 1958	15.18	MAR 10	13.32	OCT 29	14.23
APR 06	14.62	FEB 04	14.88	30	13.95	JAN 05, 1972	15.01
MAY 03	15.20	MAR 05	14.50	MAY 07	14.40	MAR 04	11.82
JUN 08	15.43	APR 02	11.88	JUN 04	14.94	APR 29	13.76
JUL 06	15.66	MAY 06	9.84	JUL 01	15.38	JUN 26	10.93
AUG 01	15.82	JUN 04	10.19	AUG 11	15.59	JUL 06	11.97
SEP 07	15.79	30	14.52	SEP 01	15.87	SEP 02	14.31
OCT 06	15.75	AUG 07	14.91	OCT 02	14.69	NOV 09	14.53
30	16.39	SEP 04	14.46	NOV 13	15.36	JAN 04, 1973	12.94
FEB 13, 1951	15.56	30	14.79	DEC 02	15.87	FEB 21	12.30
APR 20	14.99	NOV 05	15.55	JAN 08, 1965	16.09	MAR 22	13.70
JUL 27	15.72	DEC 02	15.33	FEB 04	14.28	APR 25	13.42
SEP 28	16.20	JAN 05, 1959	14.90	MAR 04	13.91	JUN 06	13.99
NOV 22	16.00	FEB 03	14.99	APR 07	13.45	JUL 25	14.69
JAN 17, 1952	13.58	MAR 03	14.93	MAY 06	14.45	SEP 11	13.97
MAR 13	13.64	31	15.03	JUN 04	14.63	OCT 30	14.89
APR 03	12.97	MAY 05	14.75	JUL 08	14.93	DEC 05	14.73
MAY 01	11.74	JUN 05	14.97	31	14.89	JAN 09, 1974	13.21
JUN 04	14.27	30	15.10	SEP 02	15.33	FEB 20	14.16
JUL 22	15.31	AUG 04	15.74	OCT 01	15.99	MAR 29	14.12
SEP 02	15.28	SEP 02	15.87	26	15.92	MAY 09	13.87
OCT 29	15.69	OCT 07	16.19	DEC 03	15.98	JUN 04	14.24
DEC 23	14.06	NOV 09	16.21	JAN 05, 1966	15.88	JUL 15	14.85
FEB 10, 1953	13.07	JAN 05, 1960	15.58	FEB 04	15.80	AUG 14	15.15
MAR 18	12.41	FEB 02	15.02	MAR 01	15.29	SEP 16	14.53
APR 17	12.69	25	14.74	29	14.87	OCT 25	15.49
JUN 19	14.49	APR 05	13.88	APR 08	15.02	DEC 04	15.50
JUL 15	15.01	MAY 02	14.13	28	15.18	JAN 06, 1975	15.08
SEP 03	15.51	JUN 01	14.59	MAY 27	14.94	FEB 04	14.03
OCT 13	15.75	JUL 12	15.09	JUL 25	15.90	MAR 13	14.25
NOV 24	15.73	AUG 05	15.52	AUG 30	16.20	APR 14	13.64
DEC 30	15.06	SEP 09	15.89	OCT 03	15.79	MAY 13	14.31
FEB 09, 1954	14.47	30	15.53	NOV 21	15.34	JUL 01	14.51
APR 06	14.95	DEC 19	15.14	JAN 23, 1967	15.01	AUG 19	14.61
MAY 20	15.42	JAN 03, 1961	15.14	FEB 27	14.76	OCT 08	13.17
JUN 30	15.92	FEB 07	15.29	APR 03	14.60	NOV 19	14.16
AUG 07	16.14	MAR 03	14.69	MAY 15	15.16	DEC 22	14.52
OCT 13	16.44	APR 04	12.75	JUN 02	15.31	31	14.34
NOV 29	16.10	MAY 02	12.86	28	15.60	FEB 04, 1976	11.84
DEC 29	16.00	JUN 05	13.38	AUG 03	15.93	MAR 17	13.87
FEB 24, 1955	15.27	27	12.89	SEP 01	15.86	APR 14	13.89
APR 27	15.30	AUG 02	15.48	OCT 11	16.19	JUN 09	14.45
JUL 12	15.23	30	15.78	NOV 15	16.19	JUL 19	15.20
SEP 28	15.35	OCT 03	15.94	JAN 09, 1968	15.03	AUG 25	15.82
NOV 07	16.11	31	16.09	MAR 06	15.13	OCT 06	15.62

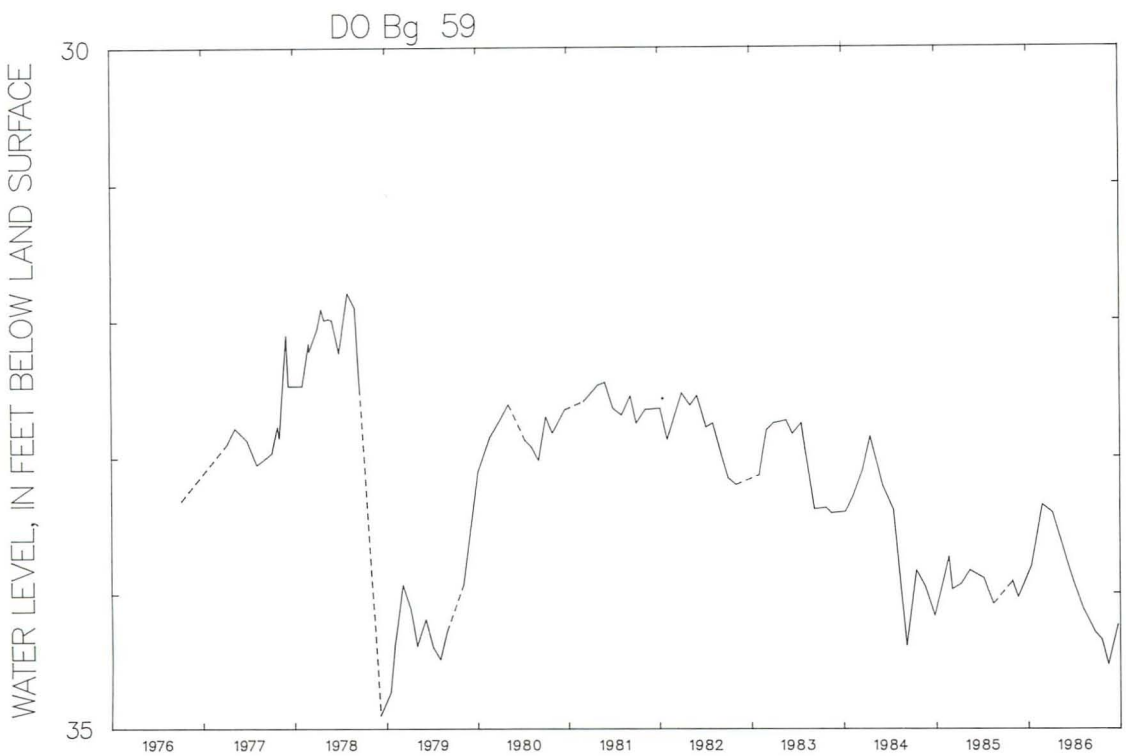
-- CONTINUED CH Ee 16

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 17, 1976	14.53	MAR 12, 1980	13.76	MAY 18, 1983	13.65	MAR 15, 1985	14.23
JAN 04, 1977	14.82	APR 22	13.26	25	13.11	APR 19	14.62
FEB 09	14.87	MAY 28	12.53	JUN 13	13.60	23	14.61
MAR 30	14.94	JUL 08	14.28	JUL 12	14.64	MAY 15	14.92
MAY 04	15.03	AUG 18	14.96	14	14.79	JUN 13	15.17
JUN 15	15.04	OCT 06	15.69	AUG 23	15.71	JUL 23	15.82
JUL 28	15.73	NOV 12	15.52	SEP 14	15.92	24	15.89
AUG 25	15.97	DEC 10	15.21	OCT 05	15.95	AUG 27	15.26
OCT 05	16.12	JAN 05, 1981	15.16	NOV 15	15.77	SEP 12	15.72
NOV 16	15.74	21	15.18	DEC 01	15.07	19	15.60
JAN 04, 1978	13.51	APR 03	14.96	14	13.86	OCT 09	14.34
24	10.92	22	14.79	JAN 25, 1984	13.66	NOV 15	14.07
FEB 23	13.28	JUN 03	14.47	FEB 06	13.57	20	14.47
MAR 23	12.34	JUL 14	15.19	27	13.03	JAN 08, 1986	14.96
MAY 11	11.52	OCT 06	16.35	MAR 20	12.93	16	15.00
JUN 22	13.79	NOV 17	15.99	30	8.60	FEB 10	14.43
JUL 26	14.45	DEC 15	15.88	APR 26	12.20	MAR 05	14.15
SEP 07	14.97	JAN 29, 1982	15.66	MAY 02	12.72	APR 03	14.73
OCT 19	15.41	MAR 12	13.22	24	13.60	23	14.89
DEC 04	15.25	APR 23	14.39	JUN 21	14.01	MAY 15	14.55
JAN 09, 1979	13.58	JUN 07	14.69	26	14.12	JUN 05	15.19
MAR 07	10.71	JUL 08	14.86	JUL 25	14.11	JUL 10	16.58
APR 25	13.31	AUG 24	15.38	AUG 14	14.30	AUG 06	16.18
JUN 06	13.35	SEP 10	15.74	27	14.60	SEP 25	16.04
JUL 13	14.18	OCT 14	15.98	OCT 10	15.27	OCT 17	15.96
AUG 21	14.03	NOV 30	15.88	16	15.21	29	15.93
OCT 15	11.00	DEC 09	15.80	NOV 01	15.25	NOV 13	15.84
NOV 15	13.58	JAN 07, 1983	15.12	13	15.24	DEC 01	15.73
DEC 18	13.76	18	15.10	DEC 18	14.86	29	13.93
JAN 04, 1980	13.93	FEB 28	14.21	JAN 23, 1985	14.64		
23	12.64	APR 05	13.47	FEB 28	13.48		



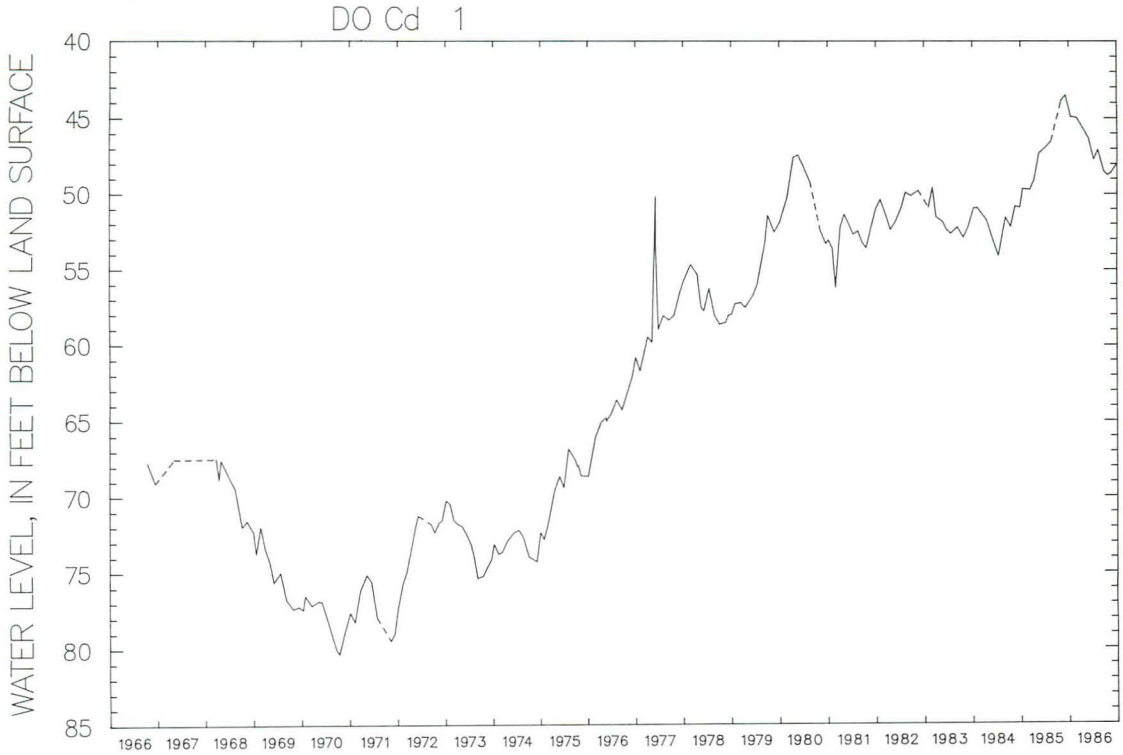
WELL NUMBER.--DO Bg 59 SITE ID.--383708075503801 PERMIT NUMBER.--DO-73-0612
LOCATION.--Lat 38°37'08", long 75°50'38", Hydrologic Unit 02060008, at Hurlock Sewage Treatment Plant.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 537 ft; casing diameter 6 in. with depth to 65 ft; casing diameter 2 in. from 65 to 527 ft; screen diameter 2 in. from 527 to 537 ft.
DATUM.--Altitude of land-surface datum is 25 ft. Measuring point: Top of casing, 1.55 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.79 ft below land-surface datum, Aug. 2, 1978; lowest measured, 34.90 ft below land-surface datum, Dec. 7, 1978.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 08, 1976	33.31	MAR 07, 1979	33.93	NOV 06, 1981	32.65	JUL 17, 1984	33.39
APR 07, 1977	32.90	APR 06	34.11	JAN 04, 1982	32.64	SEP 06	34.39
MAY 10	32.78	MAY 02	34.39	FEB 02	32.87	OCT 15	33.83
JUN 27	32.87	JUN 05	34.19	MAR 04	32.69	NOV 19	33.95
AUG 04	33.05	JUL 05	34.40	APR 01	32.53	DEC 26	34.17
SEP 15	32.99	AUG 02	34.49	MAY 04	32.62	FEB 21, 1985	33.73
OCT 04	32.96	30	34.28	JUN 01	32.55	MAR 06	33.97
26	32.77	NOV 05	33.93	JUL 06	32.78	APR 11	33.93
NOV 02	32.85	JAN 03, 1980	33.10	AUG 02	32.75	MAY 15	33.83
DEC 01	32.10	FEB 20	32.85	SEP 02	32.96	JUL 09	33.89
09	32.47	APR 02	32.72	OCT 01	33.15	AUG 16	34.08
JAN 04, 1978	32.47	MAY 05	32.61	NOV 01	33.20	OCT 31	33.91
FEB 02	32.47	JUL 10	32.87	FEB 01, 1983	33.13	NOV 22	34.03
28	32.16	AUG 05	32.92	MAR 04	32.80	JAN 14, 1986	33.80
MAR 02	32.22	SEP 03	33.02	31	32.75	FEB 27	33.35
APR 04	32.05	OCT 02	32.70	MAY 20	32.73	APR 08	33.41
19	31.91	29	32.82	JUN 14	32.83	MAY 28	33.72
MAY 01	31.99	DEC 18	32.65	JUL 19	32.75	JUN 25	33.89
19	31.98	MAR 04, 1981	32.59	SEP 08	33.38	AUG 07	34.12
JUN 29	32.23	APR 02	32.53	OCT 25	33.37	SEP 22	34.29
AUG 02	31.79	30	32.47	NOV 14	33.41	OCT 20	34.35
31	31.90	MAY 29	32.45	JAN 09, 1984	33.40	NOV 14	34.53
SEP 18	32.49	JUN 30	32.64	FEB 09	33.28	DEC 22	34.24
DEC 07	34.90	AUG 03	32.69	MAR 16	33.10		
JAN 16, 1979	34.73	SEP 08	32.55	APR 17	32.85		
FEB 01	34.39	OCT 01	32.75	JUN 05	33.21		



WELL NUMBER.--DO Cd 1 SITE ID.--383151076080801
LOCATION.--Lat 38°31'51", long 76°08'08", Hydrologic Unit 02060005, near Christs Rock.
Owner: Harold E. Fee.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 390 ft; casing diameter 2 in. to unknown depth.
DATUM.--Altitude of land-surface datum is 4 ft. Measuring point: Top of casing, 0.5 ft above land-surface datum.
PERIOD OF RECORD.--October 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.50 ft below land-surface datum, Dec. 9, 1985; lowest measured, 80.32 ft below land-surface datum, Oct. 16, 1970.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17, 1966	67.72	NOV 14, 1972	71.69	MAY 10, 1977	59.81	MAR 16, 1982	51.39
DEC 16	69.08	DEC 07	71.53	JUN 06	50.17	APR 20	52.39
MAY 08, 1967	67.49	JAN 08, 1973	70.22	07	53.40	MAY 28	51.84
MAR 21, 1968	67.45	FEB 08	70.49	AUG 04	58.05	JUL 12	50.91
26	67.52	MAR 07	71.52	SEP 15	58.35	AUG 11	49.89
APR 16	68.82	APR 06	71.77	OCT 26	58.02	SEP 20	50.12
30	67.54	MAY 10	71.93	DEC 09	56.53	NOV 15	49.77
JUN 05	68.16	JUN 13	72.43	JAN 05, 1978	55.78	FEB 01, 1983	50.89
JUL 12	68.86	JUL 19	73.16	FEB 28	54.67	MAR 04	49.58
AUG 15	69.42	AUG 10	73.95	APR 19	55.33	31	51.52
OCT 08	71.97	SEP 06	75.34	MAY 19	57.49	MAY 20	51.86
NOV 12	71.55	OCT 18	75.19	JUN 09	57.74	JUN 15	52.35
JAN 02, 1969	72.30	NOV 09	74.78	JUL 18	56.26	JUL 20	52.65
22	73.74	DEC 21	74.10	AUG 29	58.03	SEP 08	52.20
FEB 25	71.96	JAN 10, 1974	73.09	OCT 05	58.63	OCT 24	52.90
APR 02	73.44	FEB 15	73.76	NOV 21	58.50	NOV 28	52.21
MAY 06	74.34	MAR 15	73.60	DEC 12	58.03	JAN 10, 1984	50.93
JUN 04	75.61	APR 22	72.90	JAN 05, 1979	57.95	FEB 08	50.93
JUL 25	74.97	JUN 06	72.39	31	57.27	MAR 16	51.38
SEP 09	76.75	JUL 19	72.17	MAR 15	57.19	APR 16	51.74
OCT 30	77.36	AUG 22	72.64	APR 17	57.52	JUN 05	53.06
DEC 11	77.22	OCT 05	73.93	JUN 18	56.68	JUL 17	54.10
JAN 14, 1970	77.42	DEC 06	74.26	JUL 18	56.00	SEP 06	51.56
30	76.50	JAN 03, 1975	72.33	SEP 14	53.23	OCT 15	52.18
MAR 20	77.14	30	72.80	OCT 05	51.42	NOV 19	50.80
MAY 11	76.86	FEB 28	71.85	NOV 23	52.53	DEC 26	50.89
JUN 05	76.90	APR 21	69.58	JAN 03, 1980	51.90	JAN 15, 1985	49.66
JUL 23	78.25	MAY 30	68.63	FEB 28	50.25	MAR 11	49.71
SEP 23	80.03	JUL 02	69.37	APR 16	47.58	APR 11	49.07
OCT 16	80.32	AUG 08	66.81	MAY 21	47.41	MAY 17	47.30
NOV 23	78.95	SEP 29	67.56	JUN 25	48.07	JUL 09	46.88
JAN 05, 1971	77.60	OCT 14	67.96	AUG 20	49.21	AUG 16	46.52
FEB 10	78.23	22	67.93	NOV 05	52.40	NOV 04	43.86
MAR 24	76.10	NOV 11	68.59	DEC 18	53.32	DEC 09	43.50
MAY 10	75.12	JAN 05, 1976	68.63	JAN 06, 1981	53.06	JAN 14, 1986	44.90
JUN 16	75.58	MAR 03	66.00	FEB 06	53.62	FEB 27	44.96
JUL 28	77.93	APR 13	65.08	MAR 03	56.21	APR 08	45.53
NOV 10	79.45	MAY 21	64.78	APR 06	52.22	MAY 28	46.30
DEC 08	78.96	27	65.00	MAY 06	51.35	JUL 07	47.71
JAN 05, 1972	77.28	JUL 02	64.48	JUN 11	52.06	AUG 07	47.07
FEB 11	75.63	AUG 12	63.60	JUL 13	52.69	SEP 22	48.50
MAR 08	74.98	SEP 22	64.26	AUG 17	52.46	OCT 20	48.75
APR 05	73.84	NOV 09	62.91	SEP 21	53.26	NOV 14	48.61
MAY 16	72.04	DEC 10	62.03	OCT 20	53.58	DEC 22	48.09
JUN 07	71.23	JAN 05, 1977	60.80	NOV 24	52.27		
SEP 14	71.79	FEB 07	61.70	DEC 29	51.04		
OCT 12	72.33	APR 07	59.45	FEB 02, 1982	50.37		


DO Cd 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
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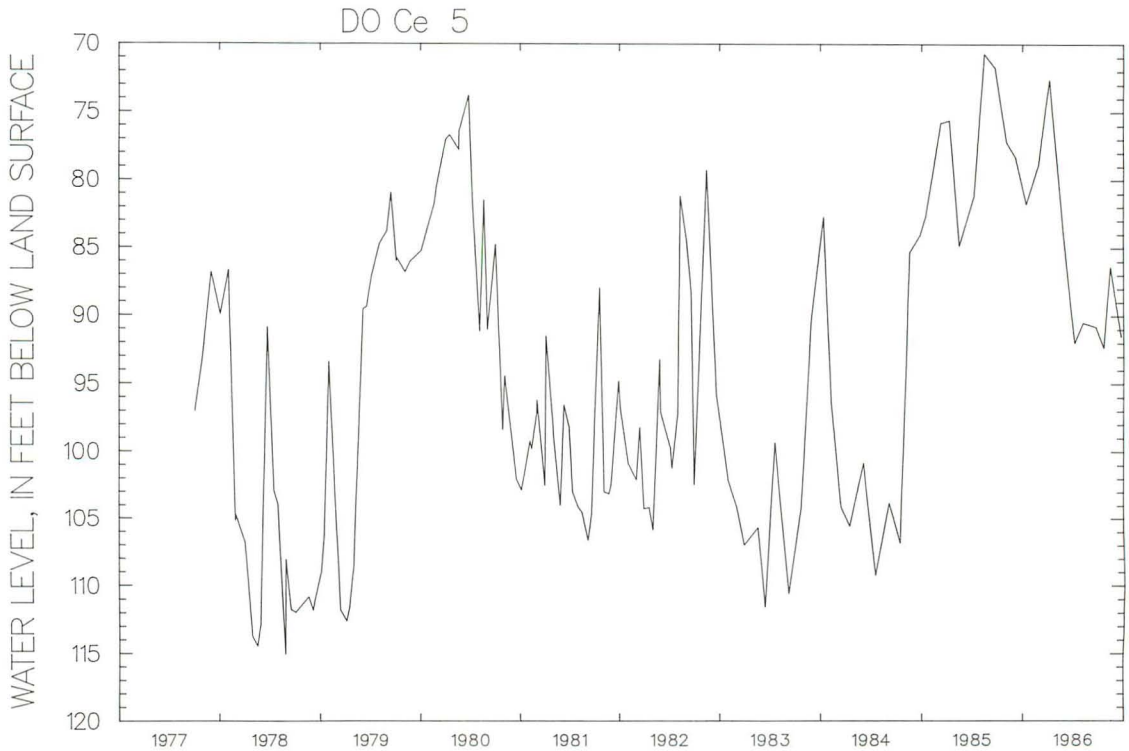
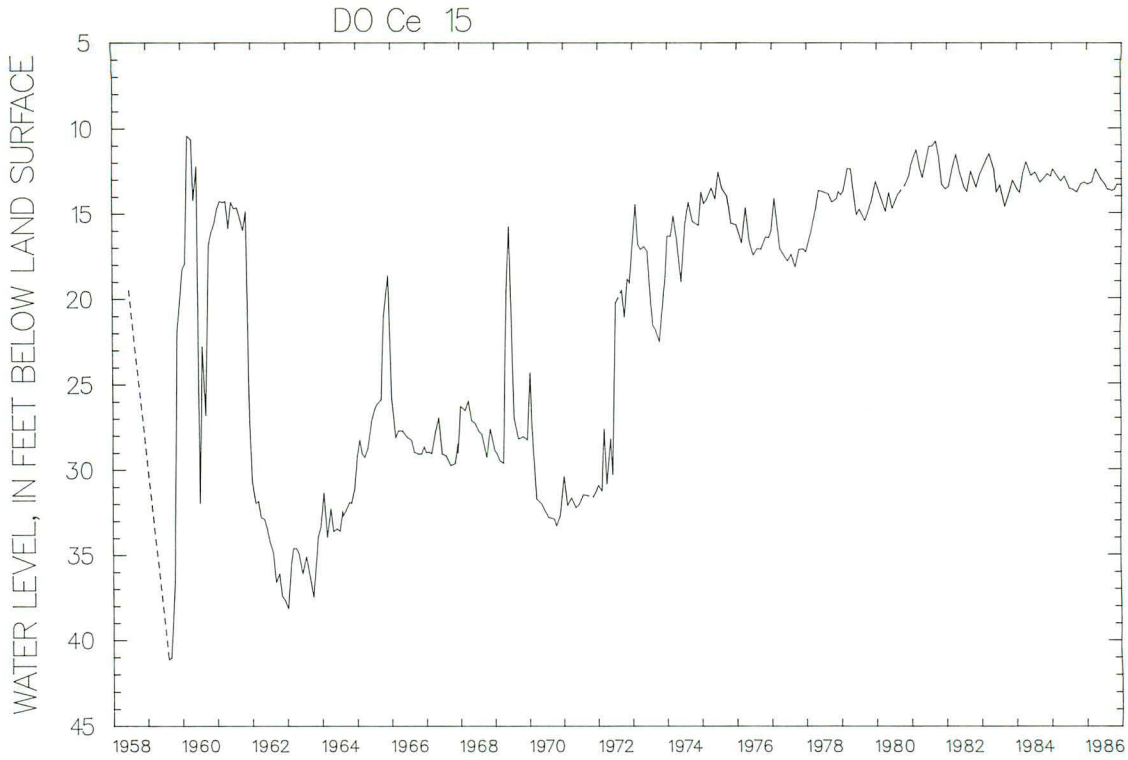
WELL NUMBER.--DO Ce 5 SITE ID.--383340076041601
LOCATION.--Lat 38°33'40", long 76°04'16", Hydrologic Unit 02060005, at Cambridge Pumping Station.
Owner: Municipal Utilities Commission.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 405 ft; casing diameter 12 in. with depth to 385 ft.
DATUM.--Altitude of land-surface datum is 18 ft. Measuring point: Top of casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--October 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 70.71 ft below land-surface datum, Aug. 16, 1985; lowest measured, 115.06 ft below land-surface datum, Aug. 29, 1978.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04, 1977	97.00	OCT 04, 1979	86.00	SEP 08, 1981	106.62	NOV 28, 1983	90.45
NOV 02	92.75	05	85.76	21	104.70	JAN 12, 1984	82.71
DEC 01	86.82	NOV 05	86.82	OCT 01	98.12	FEB 09	96.30
JAN 04, 1978	89.93	23	86.03	20	87.95	MAR 16	104.10
FEB 02	86.67	JAN 03, 1980	85.22	NOV 06	102.97	APR 16	105.54
28	105.18	FEB 20	81.72	24	103.11	JUN 05	100.81
MAR 02	104.77	28	80.47	DEC 01	102.48	JUL 17	109.22
APR 04	106.80	APR 02	77.04	29	94.78	SEP 06	103.80
19	110.49	16	76.70	JAN 04, 1982	96.77	OCT 15	106.80
MAY 01	113.74	MAY 05	77.30	FEB 02	100.86	NOV 19	85.30
19	114.45	20	77.78	MAR 04	102.06	DEC 26	84.05
JUN 24	90.89	JUN 25	73.80	16	98.20	JAN 15, 1985	82.69
JUL 18	102.89	JUL 10	81.92	APR 01	104.23	MAR 11	75.78
AUG 02	103.93	AUG 05	91.17	20	104.16	APR 11	75.59
29	115.06	20	81.51	MAY 04	105.85	MAY 17	84.83
SEP 18	111.74	SEP 03	91.05	28	93.21	JUL 09	81.20
OCT 05	111.95	OCT 02	84.76	JUN 01	97.10	AUG 16	70.71
NOV 21	110.82	29	98.39	JUL 06	99.71	SEP 23	71.73
DEC 07	111.79	NOV 05	94.40	12	101.20	NOV 04	77.18
12	111.17	DEC 18	102.01	AUG 02	97.22	DEC 06	78.28
JAN 05, 1979	109.00	JAN 06, 1981	102.84	11	81.16	JAN 14, 1986	81.75
16	106.22	FEB 06	99.24	SEP 02	84.34	FEB 27	78.83
FEB 01	93.40	12	99.78	20	88.30	APR 08	72.60
MAR 07	108.15	MAR 03	97.17	OCT 01	102.43	MAY 28	83.95
15	111.78	04	96.20	NOV 15	79.26	JUL 07	91.97
APR 06	112.60	APR 02	102.51	DEC 20	95.75	AUG 07	90.49
17	111.56	06	91.52	FEB 01, 1983	102.08	SEP 22	90.79
MAY 02	108.53	MAY 06	99.32	MAR 04	104.08	OCT 20	92.32
JUN 05	89.55	29	103.98	31	106.96	NOV 14	86.39
18	89.37	JUN 11	96.56	MAY 20	105.66	DEC 22	91.50
JUL 05	87.10	30	98.20	JUN 15	111.55		
AUG 03	84.72	JUL 13	102.98	JUL 20	99.32		
30	83.77	AUG 03	104.13	SEP 08	110.55		
SEP 14	80.94	17	104.53	OCT 24	104.10		



WELL LOCATION.--DO Ce 15 SITE ID.--383408076042302 PERMIT NUMBER.--DO-00-1220
LOCATION.--Lat 38°34'08", long 76°04'23", Hydrologic Unit 02060005, near Cambridge Creek off Trenton St., Cambridge.
Owner: Carroll W. Thomas & Sons., Inc.
AQUIFER.--Magothy Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 973.7 ft; casing diameter 10 in. with depth to 25 ft; casing diameter 8 in. from 25 to 236.5 ft; casing diameter 6 in. from 230 to 513.5 ft; casing diameter 4 in. from 468 to 911.5 ft; casing diameter 3 in. from 902.5 to 950.5 ft; screen 950.5 to 970.5 ft.
REMARKS--Water level reported 68 ft below land-surface datum Aug. 30, 1947.
DATUM.--Altitude of land-surface datum is 6 ft. Measuring point: Top of casing, 1.5 ft above land-surface datum.
PERIOD OF RECORD.--June 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.41 ft below land-surface datum, March 1, 1960; lowest measured, 41.12 ft below land-surface datum, Aug. 7, 1959.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 23, 1958	19.48	JUL 07, 1965	26.49	SEP 14, 1972	19.52	NOV 23, 1979	14.26
AUG 07, 1959	41.12	28	26.22	OCT 12	21.10	JAN 03, 1980	13.14
SEP 03	41.03	SEP 15	25.89	NOV 14	18.84	FEB 28	14.11
OCT 13	36.56	OCT 13	20.99	DEC 07	19.11	APR 16	14.92
NOV 12	21.95	14	21.02	JAN 08, 1973	16.70	MAY 21	13.80
JAN 07, 1960	18.26	DEC 01	18.64	FEB 08	14.48	JUN 25	14.74
FEB 04	17.93	JAN 04, 1966	25.78	MAR 07	16.84	AUG 20	13.94
MAR 01	10.41	FEB 15	28.14	APR 06	17.14	NOV 05	13.36
APR 11	10.66	MAR 14	27.72	MAY 09	16.95	DEC 18	12.78
MAY 04	14.22	APR 27	27.72	JUN 13	17.24	JAN 06, 1981	12.20
JUN 06	12.21	JUN 09	28.06	JUL 19	20.29	FEB 06	11.64
JUL 06	31.96	AUG 04	28.30	AUG 10	21.59	MAR 03	11.29
AUG 03	22.77	30	28.97	SEP 06	21.85	APR 06	12.32
SEP 06	26.82	OCT 14	29.08	OCT 18	22.56	MAY 06	12.93
OCT 11	16.84	NOV 15	29.07	NOV 09	21.05	JUN 11	11.99
NOV 03	16.16	DEC 13	28.66	DEC 21	18.65	JUL 13	11.09
DEC 09	15.55	JAN 03, 1967	28.99	JAN 10, 1974	16.36	AUG 17	11.05
JAN 05, 1961	14.75	FEB 02	28.97	FEB 15	16.35	SEP 21	10.77
FEB 02	14.27	MAR 02	29.05	MAR 15	15.17	OCT 20	11.63
MAR 06	14.32	APR 10	27.81	APR 22	16.57	NOV 24	13.32
APR 04	14.27	MAY 15	26.96	JUN 06	19.04	DEC 29	13.59
MAY 04	15.86	JUN 22	29.08	JUL 19	15.59	FEB 02, 1982	13.43
JUN 01	14.31	AUG 02	29.18	AUG 22	14.37	MAR 16	12.29
30	14.69	SEP 21	29.76	OCT 05	15.49	APR 20	11.55
AUG 03	14.65	NOV 07	29.62	DEC 06	15.73	MAY 28	12.60
31	15.23	DEC 04	28.50	JAN 03, 1975	13.75	JUL 12	13.46
OCT 04	15.98	06	29.03	30	14.45	AUG 11	13.75
NOV 02	14.87	JAN 03, 1968	26.29	FEB 28	14.22	SEP 20	12.55
DEC 07	27.12	FEB 21	26.54	APR 21	13.53	NOV 15	13.49
JAN 04, 1962	30.73	MAR 26	25.98	MAY 30	14.17	DEC 20	12.77
FEB 08	31.96	APR 30	27.13	JUL 02	12.58	FEB 01, 1983	12.22
MAR 07	31.84	JUN 05	27.28	AUG 08	13.51	MAR 04	11.83
APR 03	32.78	JUL 12	27.72	SEP 29	14.00	31	11.51
MAY 11	32.90	AUG 15	27.94	OCT 22	14.71	MAY 20	12.45
JUN 07	33.45	OCT 08	29.29	NOV 11	15.60	JUN 15	13.78
JUL 05	34.22	NOV 12	27.61	JAN 05, 1976	15.70	JUL 20	13.36
AUG 07	34.84	JAN 02, 1969	28.90	MAR 03	16.75	SEP 08	14.63
SEP 06	36.60	22	29.04	APR 13	14.68	OCT 24	13.79
OCT 11	36.09	FEB 25	29.49	MAY 21	16.62	NOV 28	13.08
NOV 07	37.38	APR 02	29.62	JUL 02	17.48	JAN 12, 1984	13.58
DEC 12	37.70	MAY 06	19.61	AUG 12	17.09	FEB 09	13.80
JAN 10, 1963	38.15	JUN 04	15.78	SEP 22	17.12	MAR 16	12.60
FEB 15	35.37	JUL 25	27.00	NOV 09	16.40	APR 16	12.00
MAR 07	34.61	SEP 09	28.21	DEC 10	16.46	JUN 05	12.80
APR 08	34.62	OCT 30	28.07	JAN 05, 1977	16.05	JUL 17	12.60
MAY 02	34.93	DEC 11	28.27	FEB 07	14.14	SEP 06	13.19
JUN 10	36.10	JAN 14, 1970	24.33	APR 07	17.08	OCT 15	12.96
JUL 18	35.09	30	27.50	MAY 10	17.40	NOV 19	12.70
SEP 05	36.57	MAR 20	31.73	JUN 27	17.82	DEC 26	12.85
OCT 01	37.47	MAY 11	32.02	AUG 04	17.43	JAN 15, 1985	12.42
NOV 20	33.93	JUN 05	32.30	SEP 15	18.17	MAR 11	12.89
DEC 19	33.34	JUL 23	32.80	OCT 26	17.14	APR 11	13.13
JAN 21, 1964	31.35	SEP 23	32.90	DEC 09	17.10	MAY 17	12.84
FEB 24	33.95	OCT 16	33.30	JAN 05, 1978	17.29	JUL 09	13.55
APR 01	32.29	NOV 23	32.70	FEB 28	16.06	AUG 16	13.62
MAY 01	33.62	JAN 05, 1971	30.39	APR 19	14.71	SEP 23	13.77
JUN 06	33.45	FEB 10	32.10	MAY 19	13.67	NOV 04	13.28
JUL 06	33.59	MAR 24	31.66	JUL 18	13.78	DEC 06	13.19
AUG 04	32.42	MAY 10	32.23	AUG 29	13.88	JAN 14, 1986	13.30
10	32.69	JUN 16	32.02	OCT 05	14.37	FEB 27	13.18
SEP 09	32.35	JUL 28	31.47	NOV 21	14.16	APR 08	12.43
OCT 14	31.92	NOV 10	31.60	DEC 12	13.74	MAY 28	12.98
NOV 05	31.96	DEC 08	31.34	JAN 05, 1979	13.94	JUL 07	13.27
DEC 09	31.10	JAN 05, 1972	30.93	31	13.71	AUG 07	13.59
JAN 06, 1965	29.21	FEB 11	31.26	MAR 15	12.40	SEP 22	13.68
FEB 01	28.25	MAR 08	27.62	APR 17	12.41	OCT 20	13.61
26	29.04	APR 05	30.85	JUN 18	15.11	NOV 14	13.32
MAR 26	29.28	MAY 16	28.19	JUL 18	14.77	DEC 22	13.34
APR 27	28.73	JUN 07	30.30	SEP 14	15.46		
JUN 09	27.04	JUL 11	20.28	OCT 05	15.15		


DO Ce 15
WATER LEVEL, IN FEET BELOW LAND SURFACE
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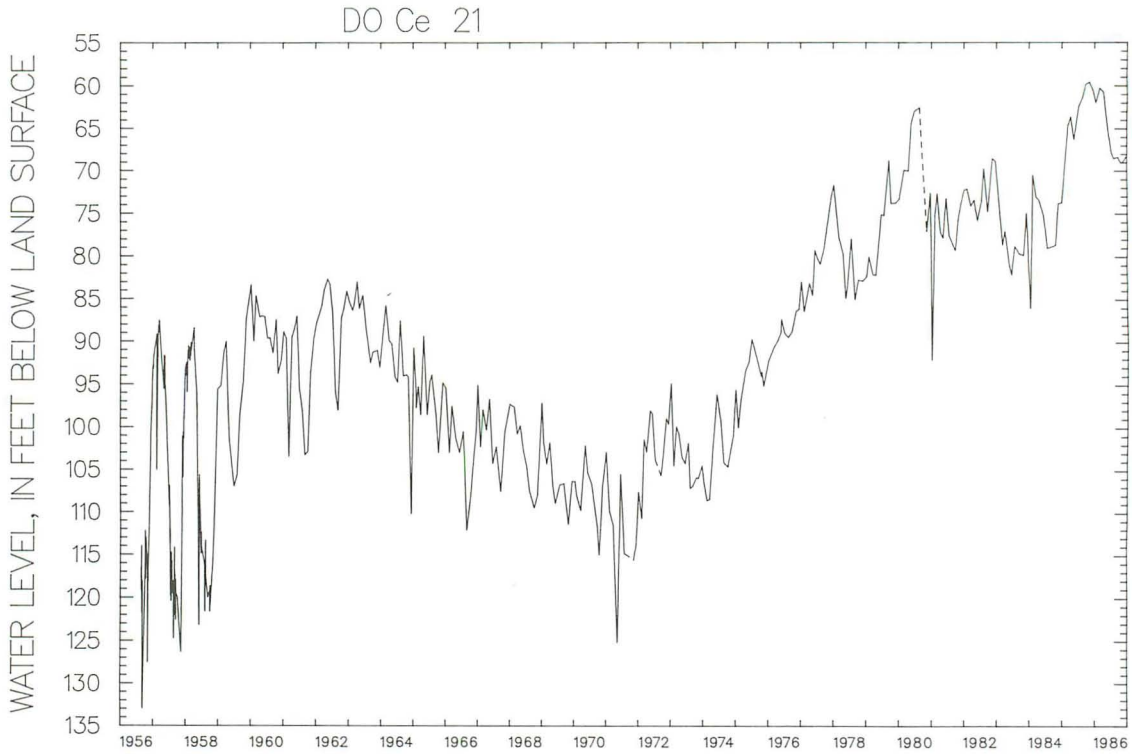
WELL NUMBER.--DO Ce 21 SITE ID.--383346076030301
LOCATION.--Lat 38°33'46", long 76°03'03", Hydrologic Unit 02060005, on Shoal Creek about 1.5 mi southeast of Cambridge.
Owner: Eastern Shore State Hospital.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 368.5 (?) ft; casing diameter 8 in. with depth to 239 ft; casing diameter 4.5 in. with depth to 368.5 ft.
DATUM.--Altitude of land-surface datum is 11.7 ft. Measuring point: Top of casing at land-surface datum.
REMARKS.--Equipped with water-level recorder Aug. 23, 1956 to Nov. 6, 1958, and Sept. 11, 1965 to Oct. 13, 1966. Water-level measured 73.77 ft below land-surface datum, Feb. 14, 1952. Water-levels may be affected by nearby pumping.
PERIOD OF RECORD.--August 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level reported, 14 ft below land-surface datum, August 1914; highest water level measured, 59.53 ft below land surface datum, Nov. 4, 1985; lowest measured, 132.95 ft below land-surface datum, Sept. 6, 1956.

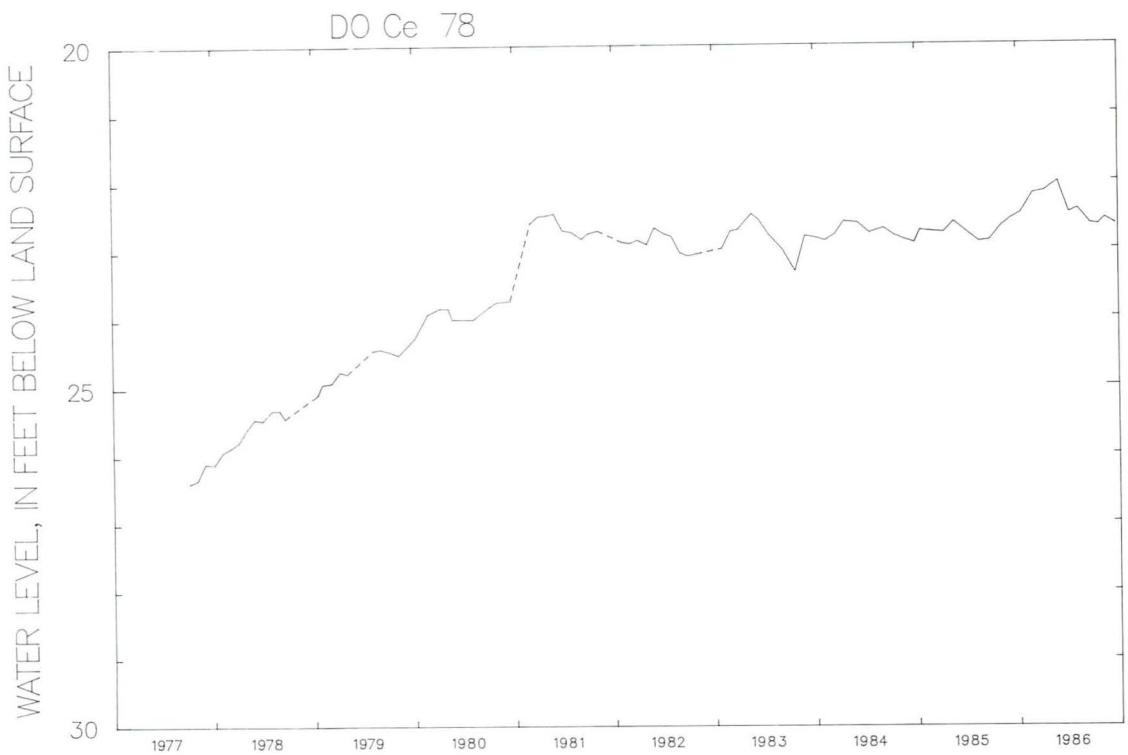
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 23, 1956	116.62	SEP 06, 1960	91.37	DEC 13, 1966	100.68	JAN 10, 1974	106.32
27	113.99	OCT 11	87.41	JAN 03, 1967	95.07	FEB 15	108.56
SEP 01	121.72	NOV 03	93.79	FEB 02	102.33	MAR 15	108.38
03	118.00	DEC 09	92.15	MAR 02	97.90	APR 22	102.46
OCT 04	117.86	JAN 05, 1961	88.84	APR 10	100.31	JUN 06	96.13
09	113.16	FEB 02	89.67	MAY 15	96.70	JUL 19	99.24
NOV 01	116.49	MAR 06	103.48	JUN 22	104.24	AUG 22	104.07
06	116.11	APR 06	89.49	AUG 02	102.27	OCT 05	104.57
DEC 06	103.56	MAY 04	88.46	SEP 21	107.53	DEC 06	100.96
22	97.52	JUN 01	87.00	NOV 07	100.50	JAN 03, 1975	95.57
JAN 01, 1957	93.09	30	95.42	DEC 04	98.94	30	100.02
04	93.14	AUG 03	98.12	JAN 03, 1968	97.29	FEB 28	96.83
FEB 11	89.16	31	103.29	FEB 21	97.65	APR 21	93.37
25	89.53	OCT 04	102.84	MAR 26	100.77	MAY 30	92.34
MAR 01	88.82	NOV 02	93.55	APR 30	99.76	JUL 02	89.66
07	88.93	DEC 07	89.70	JUN 05	102.73	AUG 08	91.18
APR 05	91.79	JAN 04, 1962	87.93	JUL 12	104.56	SEP 28	93.31
MAY 02	95.05	MAR 07	85.83	AUG 15	107.53	OCT 14	93.98
11	93.45	APR 03	83.98	OCT 08	109.46	22	93.46
JUL 06	109.27	MAY 11	82.67	NOV 12	107.97	NOV 11	95.12
18	119.10	JUN 07	83.26	JAN 02, 1969	97.15	JAN 05, 1976	92.20
AUG 01	117.30	JUL 05	86.50	22	101.90	MAR 03	90.64
21	121.23	AUG 07	95.79	FEB 25	104.27	APR 13	89.89
SEP 01	117.25	SEP 06	98.03	APR 02	101.79	MAY 21	88.84
09	117.28	OCT 11	87.25	MAY 06	106.77	27	87.30
OCT 03	119.95	NOV 07	86.24	JUN 04	108.89	JUL 02	88.88
NOV 14	126.32	DEC 12	84.07	JUL 25	106.75	AUG 12	89.43
30	102.97	JAN 10, 1963	85.32	SEP 09	106.57	SEP 22	88.78
DEC 01	101.10	FEB 15	86.33	OCT 30	111.38	NOV 09	86.36
16	98.93	MAR 07	85.53	DEC 11	106.32	DEC 10	86.12
JAN 01, 1958	93.10	APR 08	82.96	JAN 14, 1970	106.34	JAN 05, 1977	82.90
16	93.21	MAY 02	86.12	30	107.91	FEB 07	86.40
FEB 01	91.68	JUN 10	84.57	MAR 20	109.75	APR 07	83.08
12	91.86	JUL 18	88.56	MAY 11	102.08	MAY 10	84.50
MAR 02	91.08	SEP 05	92.53	JUN 05	105.21	JUN 06	79.24
03	90.15	OCT 01	91.26	JUL 23	106.68	27	80.01
APR 07	88.40	NOV 20	91.06	SEP 23	111.57	AUG 04	80.86
08	90.24	DEC 19	93.05	OCT 16	115.00	SEP 15	79.11
MAY 08	95.89	JAN 21, 1964	89.26	NOV 23	106.89	OCT 26	76.05
10	97.59	FEB 24	85.76	JAN 05, 1971	102.87	DEC 09	72.97
JUN 05	123.19	APR 01	89.87	FEB 10	109.85	JAN 05, 1978	71.64
10	106.57	MAY 01	90.32	MAR 24	111.45	FEB 28	77.68
JUL 01	112.40	JUN 06	94.12	MAY 10	125.20	APR 18	79.66
02	114.08	JUL 06	94.75	JUN 16	105.43	MAY 19	84.89
AUG 06	116.17	AUG 04	87.53	JUL 28	114.80	JUN 06	83.41
12	117.32	SEP 09	94.05	NOV 10	115.56	JUL 18	77.85
SEP 09	119.98	OCT 14	93.88	DEC 08	113.81	AUG 29	85.00
OCT 02	119.17	NOV 05	94.17	JAN 05, 1972	107.55	OCT 05	82.69
04	121.61	DEC 09	110.20	FEB 11	110.66	NOV 21	82.81
NOV 06	116.01	JAN 04, 1965	90.72	MAR 08	101.39	DEC 12	82.59
DEC 04	106.48	FEB 01	95.66	APR 05	102.85	JAN 05, 1979	82.28
30	95.60	02	97.73	MAY 16	98.02	31	79.97
FEB 05, 1959	95.13	MAR 26	98.55	JUN 07	98.33	MAR 15	82.05
MAR 05	91.36	APR 27	89.36	JUL 11	103.75	APR 17	82.12
APR 02	90.02	JUN 08	98.54	SEP 14	105.60	JUN 18	75.10
MAY 07	101.25	JUL 08	94.68	OCT 12	103.02	JUL 18	75.16
JUN 08	104.63	28	93.91	NOV 14	98.89	SEP 14	68.73
JUL 01	106.98	SEP 15	98.46	DEC 07	99.56	OCT 05	73.76
AUG 04	105.60	OCT 14	102.99	JAN 08, 1973	94.84	NOV 23	73.74
SEP 03	98.58	DEC 01	94.80	FEB 07	104.48	JAN 03, 1980	73.26
OCT 13	94.62	JAN 04, 1966	95.45	MAR 07	99.85	FEB 28	69.86
NOV 12	87.46	FEB 15	102.98	APR 05	100.76	APR 16	69.99
JAN 07, 1960	83.32	MAR 14	97.53	MAY 09	103.45	MAY 21	64.31
FEB 04	89.99	APR 27	101.24	JUN 13	104.20	JUN 25	62.93
MAR 01	84.62	JUN 09	102.97	JUL 19	101.80	AUG 20	62.52
APR 11	87.13	JUL 22	100.48	AUG 10	107.14	NOV 05	76.98
MAY 04	87.00	AUG 04	103.54	SEP 05	106.88	DEC 18	72.55
JUN 06	87.09	30	112.08	OCT 18	105.87	JAN 06, 1981	92.10
JUL 06	89.63	OCT 14	108.11	NOV 09	105.92	FEB 06	75.19
AUG 03	89.61	NOV 15	103.90	DEC 21	104.44	MAR 03	72.61

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 06, 1981	77.11	SEP 20, 1982	74.74	APR 16, 1984	73.36	DEC 09, 1985	60.36
MAY 06	77.79	NOV 15	68.50	JUN 05	75.12	JAN 14, 1986	61.92
JUN 11	73.14	DEC 20	68.85	JUL 17	78.97	FEB 27	60.24
JUL 13	77.49	FEB 01, 1983	74.61	SEP 06	78.79	APR 08	60.71
AUG 17	78.40	MAR 04	78.59	OCT 15	78.62	MAY 28	64.83
SEP 21	79.23	31	77.00	NOV 19	73.77	JUL 07	67.75
OCT 20	75.77	MAY 20	80.86	DEC 26	73.67	AUG 07	68.50
NOV 24	73.81	JUN 15	82.06	JAN 15, 1985	71.62	SEP 22	68.36
DEC 29	72.24	JUL 20	78.75	MAR 11	64.61	OCT 20	68.99
FEB 02, 1982	72.06	SEP 08	79.63	APR 11	63.59	NOV 14	68.95
MAR 16	74.05	OCT 24	79.80	MAY 17	66.25	DEC 22	68.32
APR 20	73.34	NOV 28	74.91	JUL 09	62.32		
MAY 28	75.75	JAN 12, 1984	85.98	AUG 16	61.37		
JUL 12	73.51	FEB 09	70.43	SEP 23	59.84		
AUG 11	69.70	MAR 16	73.02	NOV 04	59.53		



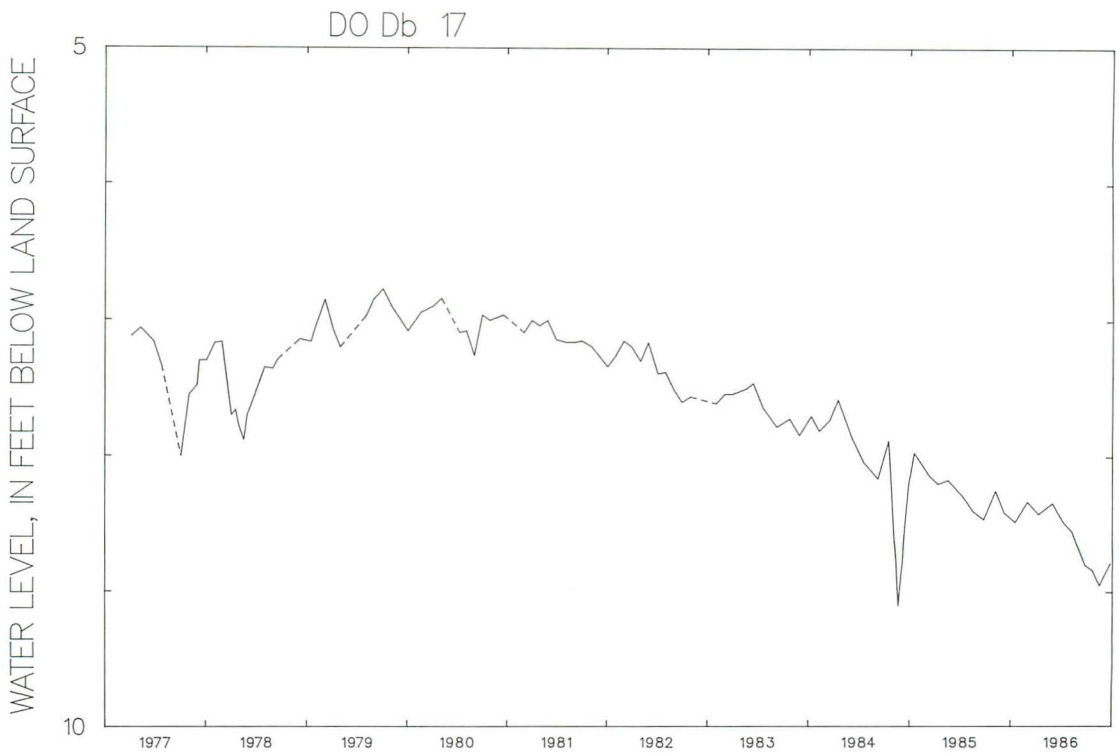
WELL NUMBER.--DO Ce 78 SITE ID.--383243076042301 PERMIT NUMBER.--DO-66-0026
LOCATION.--Lat 38°32'43", long 76°04'23", Hydrologic Unit 02060005, at Stone Boundary Rd., Cambridge.
Owner: City of Cambridge.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 517 ft; casing diameter 12 in.; screen diameter 12 in. from 360.3 to 363.7 ft, 368 to 380 ft, 385 to 400 ft, 405 to 420 ft, 425 to 440 ft, 445 to 460 ft, 465 to 480 ft, and 485 to 500 ft.
DATUM.--Altitude of land-surface datum is 15 ft. Measuring point: Top of casing, 1.1 ft above land-surface datum.
PERIOD OF RECORD.--October 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.02 ft below land-surface datum, May 28, 1986; lowest measured, 26.39 ft below land-surface datum, Oct. 4, 1977.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04, 1977	26.39	FEB 20, 1980	23.92	JUL 06, 1982	22.76	DEC 26, 1984	22.91
NOV 02	26.34	APR 02	23.84	AUG 02	22.80	JAN 15, 1985	22.73
DEC 01	26.10	MAY 05	23.84	SEP 02	23.04	MAR 11	22.75
JAN 04, 1978	26.11	20	24.00	OCT 01	23.09	APR 11	22.76
FEB 02	25.93	JUL 10	24.00	NOV 01	23.06	MAY 17	22.60
MAR 02	25.87	AUG 05	24.00	FEB 01, 1983	22.98	JUL 09	22.78
APR 04	25.78	OCT 02	23.82	MAR 04	22.73	AUG 16	22.90
MAY 01	25.60	29	23.75	31	22.70	SEP 23	22.88
31	25.45	DEC 18	23.73	MAY 20	22.47	NOV 04	22.67
JUN 29	25.47	MAR 04, 1981	22.59	JUN 15	22.56	DEC 09	22.56
AUG 02	25.32	APR 02	22.49	JUL 20	22.78	JAN 14, 1986	22.48
31	25.32	30	22.48	SEP 08	23.00	FEB 27	22.19
SEP 18	25.44	MAY 29	22.45	OCT 24	23.32	APR 08	22.16
JAN 16, 1979	25.09	JUN 30	22.70	NOV 28	22.80	MAY 28	22.02
FEB 01	24.94	AUG 03	22.73	JAN 10, 1984	22.83	JUL 07	22.48
MAR 07	24.92	SEP 08	22.83	FEB 09	22.87	AUG 07	22.42
APR 06	24.76	OCT 01	22.75	MAR 15	22.78	SEP 22	22.64
MAY 02	24.79	NOV 06	22.71	APR 16	22.59	OCT 20	22.66
AUG 03	24.45	FEB 02, 1982	22.88	JUN 05	22.61	NOV 14	22.56
30	24.43	MAR 04	22.90	JUL 17	22.76	DEC 22	22.65
OCT 04	24.47	APR 01	22.85	SEP 06	22.69		
NOV 05	24.52	MAY 04	22.92	OCT 15	22.80		
JAN 03, 1980	24.27	JUN 01	22.67	NOV 19	22.86		



WELL NUMBER.--DO Db 17 SITE ID.--382800076180701
LOCATION.--Lat 38°28'00", long 76°18'07", Hydrologic Unit 02060005, nr MD Rt. 16, Taylors Island.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 320 ft; casing diameter 6 in. with depth to 55 ft; casing diameter 2 in. from 55 to 270 ft; screen diameter 2 in. from 270 to 280 ft.
DATUM.--Altitude of land-surface datum is 4 ft. Measuring point: Top of casing, 2.0 ft above land-surface datum.
PERIOD OF RECORD.--April 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.77 ft below land-surface datum, Oct. 4, 1979; lowest measured, 9.10 ft below land-surface datum, Nov. 19, 1984.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 07, 1977	7.12	MAY 02, 1979	7.20	MAR 04, 1982	7.15	NOV 19, 1984	9.10
MAY 10	7.06	AUG 03	6.97	APR 01	7.19	DEC 26	8.20
JUN 27	7.16	30	6.85	MAY 04	7.30	JAN 15, 1985	7.97
JUL 26	7.34	OCT 04	6.77	JUN 01	7.16	MAR 11	8.14
OCT 04	8.00	NOV 05	6.90	JUL 06	7.39	APR 11	8.20
26	7.66	JAN 03, 1980	7.08	AUG 02	7.38	MAY 17	8.17
NOV 02	7.55	FEB 20	6.94	SEP 02	7.51	JUL 09	8.29
DEC 01	7.48	APR 02	6.90	OCT 01	7.60	AUG 16	8.40
09	7.30	MAY 05	6.84	NOV 01	7.56	SEP 23	8.46
JAN 04, 1978	7.30	JUL 10	7.09	FEB 01, 1983	7.61	NOV 04	8.25
FEB 02	7.17	AUG 05	7.08	MAR 04	7.54	DEC 06	8.41
28	7.16	SEP 03	7.26	31	7.54	JAN 14, 1986	8.48
MAR 02	7.18	OCT 02	6.96	MAY 20	7.50	FEB 27	8.33
APR 04	7.70	29	7.00	JUN 15	7.46	APR 08	8.42
19	7.66	DEC 18	6.96	JUL 20	7.64	MAY 28	8.34
MAY 01	7.78	MAR 04, 1981	7.09	SEP 08	7.78	JUL 07	8.48
19	7.88	APR 02	7.00	OCT 24	7.72	AUG 07	8.55
JUN 29	7.54	30	7.04	NOV 28	7.84	SEP 22	8.80
AUG 02	7.35	MAY 29	7.00	JAN 10, 1984	7.70	OCT 20	8.84
31	7.36	JUN 30	7.14	FEB 08	7.81	NOV 14	8.95
SEP 18	7.29	AUG 03	7.16	MAR 16	7.73	DEC 22	8.79
DEC 07	7.14	SEP 08	7.16	APR 16	7.58		
JAN 16, 1979	7.16	OCT 01	7.15	JUN 05	7.86		
FEB 01	7.05	NOV 06	7.19	JUL 17	8.04		
MAR 07	6.85	JAN 04, 1982	7.34	SEP 06	8.16		
APR 06	7.07	FEB 02	7.26	OCT 15	7.88		



WELL NUMBER.--FR Cg 1 SITE ID.--393156077135701
LOCATION.--Lat 39°31'56", long 77°13'57", Hydrologic Unit 02070009, at Johnsville.
Owner: Michael Hutchison.
AQUIFER.--Ijamsville Formation.
WELL CHARACTERISTICS.--Dug stone-lined domestic water-table well, diameter 36 in., depth 43 ft.
DATUM.--Altitude of land-surface datum is 600 ft. Measuring point: Top of wooden well cover, 0.6 ft above land-surface datum.
PERIOD OF RECORD.--July 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.63 ft below land-surface datum, Sept. 29, 1975; lowest measured, 42.02 ft below land-surface datum, Oct. 5, 1982.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 01, 1946	37.20	JUN 13, 1949	37.73	NOV 05, 1956	38.52	SEP 05, 1962	39.92
15	37.80	20	37.87	DEC 03	39.06	OCT 09	40.66
AUG 05	38.32	JUL 04	38.23	JAN 02, 1957	36.50	NOV 08	41.03
12	38.30	11	38.40	FEB 11	34.76	DEC 03	41.49
SEP 03	38.50	AUG 01	36.15	MAR 13	35.65	JAN 07, 1963	40.77
16	38.80	15	37.20	APR 01	36.94	FEB 15	39.44
OCT 07	39.05	SEP 05	38.00	MAY 02	36.75	MAR 08	36.76
14	39.02	12	38.24	JUN 03	38.34	APR 01	37.09
NOV 04	39.08	OCT 10	38.75	JUL 08	39.18	MAY 08	38.70
12	39.22	17	38.90	30	39.50	JUN 06	38.82
DEC 02	39.38	JAN 20, 1950	39.24	SEP 13	40.24	JUL 01	39.46
16	39.46	MAR 03	38.10	OCT 02	40.54	31	39.87
JAN 06, 1947	38.74	APR 24	37.55	NOV 07	40.41	SEP 04	40.98
13	38.84	JUL 21	38.78	DEC 02	40.51	OCT 01	40.80
FEB 03	36.52	SEP 25	37.36	JAN 02, 1958	38.04	NOV 06	40.07
12	37.20	OCT 27	38.52	FEB 05	38.01	DEC 17	40.69
MAR 04	37.95	NOV 28	38.57	MAR 03	35.82	JAN 21, 1964	38.58
17	35.14	DEC 27	37.00	APR 01	32.00	FEB 18	38.26
APR 07	37.09	FEB 05, 1951	36.87	MAY 06	35.13	MAR 06	34.11
15	37.49	MAR 20	36.02	JUN 02	36.54	APR 16	36.08
MAY 05	37.90	MAY 29	38.65	JUL 01	38.17	30	35.24
12	38.13	AUG 09	39.11	AUG 04	38.74	JUN 02	37.09
JUN 02	37.56	OCT 04	39.68	SEP 02	39.38	JUL 01	38.40
16	37.50	NOV 06	39.81	OCT 02	39.57	AUG 05	39.02
JUL 14	36.60	DEC 10	39.00	NOV 04	39.80	31	39.60
21	35.18	JAN 04, 1952	35.08	DEC 05	39.94	OCT 02	40.90
AUG 04	36.70	FEB 06	33.92	JAN 06, 1959	40.15	NOV 10	40.36
11	37.25	MAR 17	35.00	FEB 02	40.22	DEC 07	40.37
SEP 01	38.05	APR 15	33.94	MAR 02	39.49	JAN 05, 1965	40.27
15	38.40	MAY 13	33.47	30	39.20	FEB 01	38.60
OCT 06	38.85	JUN 12	35.86	MAY 07	38.80	MAR 10	35.50
13	39.02	JUL 01	37.35	JUN 01	38.89	APR 15	36.72
NOV 03	39.30	AUG 12	39.13	JUL 02	38.79	MAY 03	37.39
12	37.50	SEP 03	38.90	AUG 03	39.42	JUN 22	38.60
DEC 01	38.25	OCT 07	39.56	31	39.26	29	38.78
15	38.44	DEC 30	37.79	OCT 02	39.50	AUG 02	39.24
JAN 05, 1948	35.57	JAN 27, 1953	34.55	NOV 02	39.75	SEP 03	39.76
12	36.47	FEB 17	36.08	DEC 03	39.63	30	40.07
FEB 02	37.75	MAR 20	35.08	JAN 04, 1960	37.64	NOV 03	40.40
09	37.96	APR 21	36.09	FEB 01	37.74	DEC 06	40.73
MAR 01	36.05	MAY 19	33.43	MAR 14	36.88	JAN 03, 1966	41.05
15	34.98	JUL 23	38.30	APR 04	33.44	FEB 02	41.06
APR 05	35.32	SEP 15	41.22	MAY 02	36.51	MAR 03	34.99
19	34.50	FEB 02, 1954	38.69	JUN 02	37.62	31	38.01
MAY 03	35.60	JUN 28	38.82	JUL 01	38.37	MAY 02	36.59
17	35.00	OCT 14	40.95	AUG 01	39.17	JUN 10	38.27
JUN 07	36.60	NOV 23	40.19	SEP 07	39.25	JUL 25	39.33
14	37.00	DEC 29	39.29	OCT 03	39.34	SEP 07	39.93
JUL 05	37.56	FEB 09, 1955	38.97	NOV 01	39.77	OCT 11	38.51
12	37.88	APR 05	35.97	DEC 05	40.22	13	38.37
AUG 02	37.96	MAY 11	38.10	JAN 04, 1961	40.16	DEC 12	38.21
16	38.30	JUN 07	38.60	FEB 02	39.80	JAN 26, 1967	37.95
SEP 06	38.60	JUL 14	38.61	MAR 01	31.95	MAR 14	34.85
13	38.65	AUG 01	39.68	APR 04	34.82	APR 19	38.85
OCT 04	39.00	SEP 13	36.44	MAY 03	35.39	JUN 28	38.88
11	38.88	OCT 07	38.71	JUN 05	37.59	AUG 31	39.03
NOV 01	39.17	12	37.81	JUL 05	38.29	SEP 01	39.03
15	39.09	NOV 01	36.83	AUG 02	39.26	OCT 11	40.27
DEC 06	37.05	DEC 01	37.96	SEP 05	39.59	NOV 27	39.74
13	37.47	JAN 04, 1956	38.80	OCT 05	39.93	JAN 10, 1968	39.23
JAN 03, 1949	33.06	FEB 01	38.52	30	40.15	FEB 21	38.02
17	34.10	MAR 01	36.44	DEC 07	40.95	29	38.31
FEB 07	33.47	APR 02	35.27	JAN 04, 1962	40.48	APR 24	37.59
14	33.95	MAY 01	36.65	FEB 07	37.89	JUN 01	34.96
MAR 07	34.93	JUN 04	38.17	MAR 05	36.30	JUL 23	38.47
14	35.57	27	38.72	APR 02	35.57	SEP 10	38.97
APR 04	36.70	JUL 09	38.71	MAY 01	35.80	NOV 13	39.25
11	36.75	AUG 06	39.79	JUN 06	38.13	DEC 19	38.42
MAY 02	36.60	SEP 10	38.94	JUL 05	38.83	30	38.30
16	36.78	OCT 01	39.14	AUG 01	39.50	JAN 31, 1969	39.08

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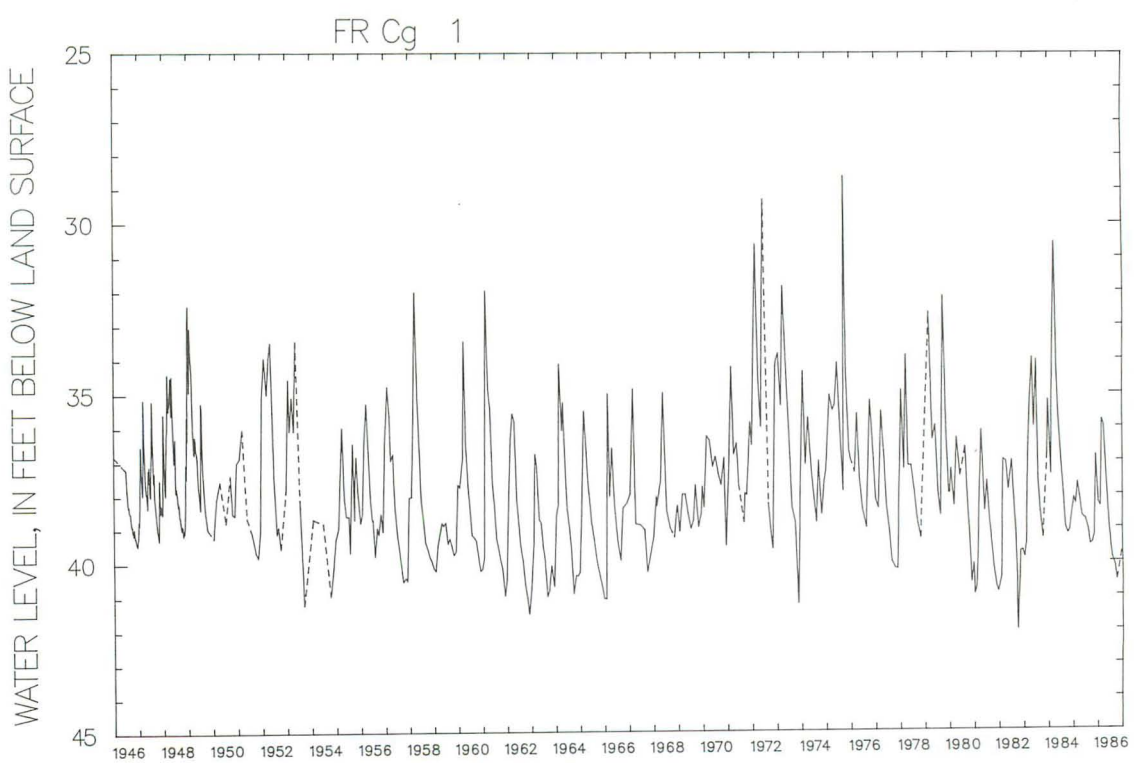
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 14, 1969	37.96	NOV 16, 1973	41.22	JUL 31, 1978	37.88	JUN 01, 1983	35.99
APR 25	37.95	DEC 26	37.21	SEP 14	38.85	JUL 07	34.03
JUN 06	38.55	JAN 29, 1974	34.35	OCT 25	39.30	AUG 01	37.56
JUL 17	39.00	MAR 05	37.09	MAR 06, 1979	32.63	SEP 01	38.52
AUG 21	38.76	APR 16	35.71	APR 25	36.37	OCT 06	39.30
SEP 24	37.68	MAY 29	37.13	JUN 05	35.94	DEC 09	36.88
NOV 05	38.95	JUL 11	38.07	JUL 17	37.93	27	35.21
DEC 16	38.54	AUG 15	38.82	AUG 20	38.62	FEB 06, 1984	37.41
JAN 05, 1970	37.73	SEP 18	36.99	OCT 04	32.15	MAR 02	33.27
28	38.36	OCT 31	38.59	NOV 14	36.12	APR 02	30.57
MAR 11	36.25	DEC 09	37.63	DEC 20	37.95	MAY 02	34.36
APR 22	36.38	JAN 02, 1975	37.27	JAN 02, 1980	37.94	JUN 06	36.01
JUN 03	37.15	FEB 28	35.05	22	37.23	JUL 02	36.96
JUL 15	36.85	APR 11	35.51	MAR 07	38.34	31	37.72
AUG 26	37.34	MAY 15	35.33	APR 15	36.31	SEP 05	38.98
OCT 07	37.69	JUN 19	34.10	JUN 03	37.45	OCT 08	39.18
NOV 20	36.89	JUL 31	35.98	AUG 19	36.60	NOV 05	39.08
DEC 16	39.50	SEP 15	37.88	OCT 06	38.79	DEC 05	38.61
JAN 26, 1971	37.43	29	28.63	NOV 13	40.61	JAN 08, 1985	38.10
MAR 11	34.21	OCT 30	34.40	DEC 15	40.06	FEB 05	38.28
APR 12	36.79	DEC 10	36.67	JAN 05, 1981	40.96	MAR 05	37.64
MAY 24	36.46	29	36.92	29	40.77	APR 02	38.03
JUN 25	37.69	MAR 01, 1976	37.33	MAR 03	38.65	MAY 07	38.62
SEP 08	38.82	APR 05	35.60	APR 14	36.09	JUN 03	38.71
23	37.93	MAY 12	37.46	JUN 02	38.49	JUL 01	38.75
OCT 21	37.98	JUN 24	38.43	JUL 07	37.59	AUG 07	39.04
DEC 09	35.84	AUG 17	38.99	AUG 18	38.97	SEP 05	39.51
JAN 03, 1972	36.52	OCT 14	35.20	OCT 05	40.16	OCT 08	39.45
MAR 02	30.62	NOV 19	36.35	NOV 16	40.71	NOV 06	39.21
APR 14	34.61	JAN 06, 1977	38.13	DEC 17	40.89	DEC 02	36.84
MAY 18	35.99	FEB 14	38.40	JAN 26, 1982	40.45	JAN 06, 1986	38.24
JUN 27	29.30	MAR 30	35.53	MAR 02	36.96	FEB 04	38.36
SEP 05	38.24	MAY 10	36.84	APR 13	37.03	MAR 04	35.79
OCT 06	39.09	JUN 14	38.29	MAY 18	37.85	APR 01	35.99
NOV 06	39.60	JUL 20	39.05	JUL 07	36.99	MAY 01	37.29
DEC 19	34.18	AUG 24	39.98	AUG 26	38.92	JUN 02	38.43
JAN 02, 1973	34.02	OCT 13	40.18	OCT 05	42.02	JUL 03	39.29
29	33.82	NOV 17	40.20	NOV 05	39.70	28	39.88
MAR 10	35.36	JAN 03, 1978	36.37	DEC 06	39.67	SEP 08	40.14
APR 11	31.85	20	34.91	JAN 04, 1983	39.88	OCT 03	40.56
MAY 31	34.40	FEB 27	37.23	FEB 02	39.43	DEC 17	39.70
JUL 05	36.00	MAR 31	33.87	MAR 04	36.65		
AUG 20	38.37	MAY 02	37.13	APR 06	35.08		
OCT 03	38.82	JUN 14	37.13	MAY 06	33.96		



WELL NUMBER.--GA Ag 1 SITE ID.--394017078581701
LOCATION.--Lat 39°40'17", long 78°58'17", Hydrologic Unit 02070002, in the Savage River Valley, 2.5 mi northwest of Frostburg.
Owner: Town of Frostburg.
AQUIFER.--Pocono Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 30 ft; casing diameter 8 in. to unknown depth; open hole.
DATUM.--Altitude of land-surface datum is 2,530 ft. Measuring point: Top of casing, at land-surface datum.
REMARKS.--Water level measured, 11.75 ft below land-surface datum, March 26, 1984; water-levels affected by nearby pumping.
PERIOD OF RECORD.--October 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.71 ft below land-surface datum, Jan. 14, 1950; lowest measured, 14.59 ft below land-surface datum, Jan. 28, 1985.

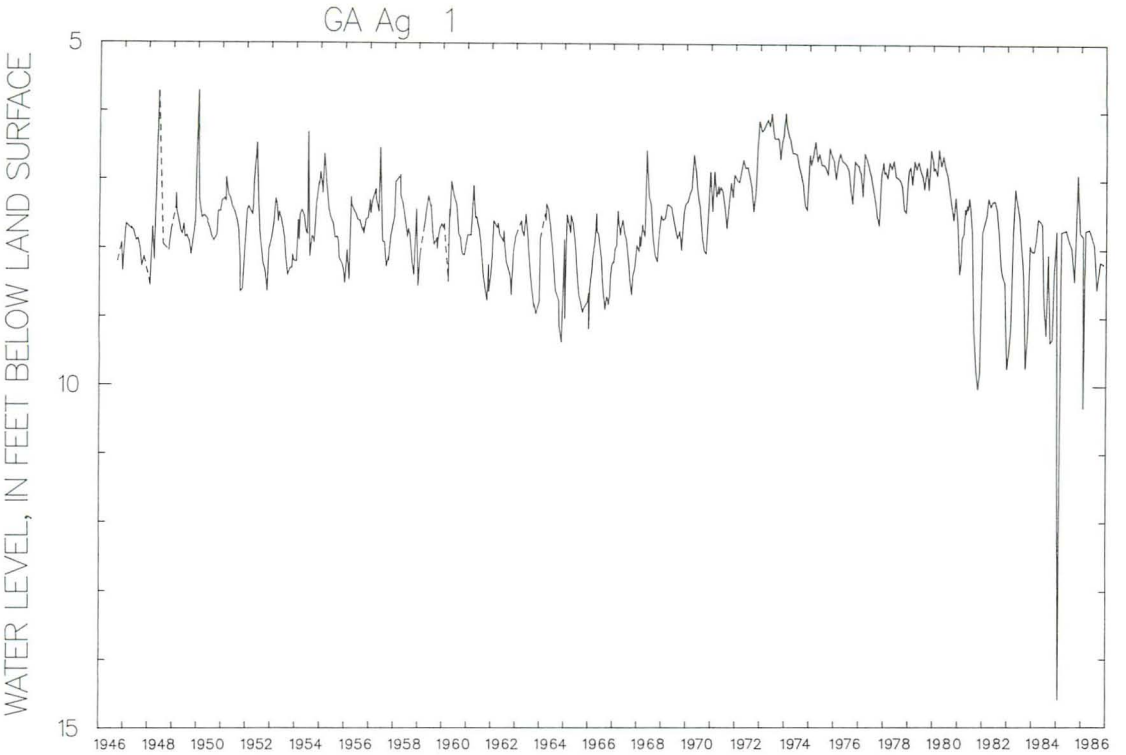
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03, 1946	8.20	OCT 07, 1952	8.32	JUN 11, 1957	6.54	APR 12, 1962	7.64
DEC 06	7.93	NOV 07	8.57	JUL 09	7.67	MAY 04	7.80
19	8.34	13	8.63	17	7.90	29	7.84
FEB 06, 1947	7.65	DEC 05	8.03	AUG 13	7.92	JUL 02	7.90
APR 22	7.73	JAN 14, 1953	7.86	SEP 10	8.27	11	7.75
28	7.71	FEB 10	7.67	OCT 10	8.13	AUG 14	8.20
JUN 03	7.76	MAR 16	7.29	14	8.18	OCT 05	8.38
JUL 10	7.90	APR 02	7.36	NOV 14	7.83	16	8.44
AUG 06	7.87	20	7.62	DEC 12	7.69	NOV 28	8.05
SEP 03	7.99	MAY 07	7.48	JAN 11, 1958	7.54	JAN 04, 1963	7.82
OCT 02	8.27	JUN 08	7.60	28	7.04	MAR 27	7.60
NOV 05	8.13	JUL 06	7.75	APR 07	6.94	APR 10	7.74
FEB 03, 1948	8.54	23	7.85	09	7.23	MAY 07	7.82
MAR 08	7.70	AUG 12	8.14	MAY 14	7.35	JUN 04	7.50
APR 06	8.18	SEP 08	8.40	JUN 12	7.55	JUL 10	7.89
JUN 04	5.72	OCT 14	8.30	JUL 15	7.77	11	7.95
AUG 17	7.95	NOV 10	8.29	23	7.84	AUG 14	8.40
NOV 07	8.04	19	8.10	AUG 06	7.72	OCT 04	8.85
DEC 08	7.76	DEC 10	8.19	28	7.80	08	8.81
FEB 15, 1949	7.42	JAN 19, 1954	8.20	SEP 25	8.15	NOV 04	8.95
22	7.21	FEB 09	7.60	OCT 06	8.25	DEC 24	8.77
MAR 05	7.47	25	7.89	27	8.39	JAN 08, 1964	7.86
MAY 04	7.76	MAR 09	7.52	DEC 04	7.43	MAR 17	7.50
23	7.80	APR 06	7.45	29	8.55	APR 02	7.59
JUN 17	7.66	MAY 11	7.54	JAN 07, 1959	8.41	07	7.35
JUL 08	7.85	JUN 08	7.77	27	8.09	MAY 05	7.43
AUG 04	7.82	29	7.80	APR 07	7.65	JUN 09	7.70
12	7.85	JUL 08	6.31	27	7.48	JUL 10	8.00
SEP 08	7.91	AUG 04	8.13	JUN 03	7.24	AUG 24	8.61
OCT 04	8.10	SEP 03	7.83	JUL 08	7.40	OCT 14	8.76
NOV 02	7.88	29	7.87	10	7.38	19	9.13
30	7.67	OCT 05	7.92	AUG 04	7.75	NOV 24	9.37
DEC 07	7.61	NOV 08	7.36	27	7.95	JAN 04, 1965	7.87
JAN 14, 1950	5.71	DEC 17	7.05	OCT 07	7.85	11	9.02
FEB 02	7.29	22	7.07	15	8.01	FEB 11	7.51
MAR 15	7.57	JAN 08, 1955	6.90	NOV 24	7.70	APR 08	7.77
APR 11	7.53	FEB 08	7.14	DEC 18	7.65	13	7.52
MAY 05	7.55	09	7.20	JAN 11, 1960	7.70	MAY 12	7.62
JUN 05	7.59	MAR 07	6.63	25	7.65	JUN 10	7.86
06	7.64	APR 13	7.12	MAR 28	8.49	JUL 01	8.13
JUL 10	7.72	MAY 10	7.43	APR 14	7.44	14	8.35
AUG 02	7.82	JUN 07	7.56	19	7.54	AUG 09	8.67
SEP 06	7.90	JUL 13	7.65	MAY 13	7.03	SEP 06	8.78
OCT 18	7.82	20	7.68	JUN 16	7.23	OCT 04	8.93
25	7.80	AUG 09	7.85	JUL 13	7.32	18	8.88
NOV 09	7.47	SEP 13	7.84	29	7.38	DEC 14	8.78
DEC 13	7.47	28	7.90	AUG 29	7.79	JAN 05, 1966	8.65
JAN 05, 1951	7.32	OCT 12	8.15	SEP 28	7.85	06	9.17
FEB 13	7.28	NOV 25	8.24	OCT 10	8.00	FEB 19	8.32
MAR 05	7.32	DEC 14	8.31	25	8.08	MAR 08	8.12
09	6.98	JAN 04, 1956	8.51	NOV 23	8.10	APR 07	7.90
APR 12	7.23	FEB 06	8.03	JAN 12, 1961	7.81	19	7.71
MAY 09	7.28	MAR 07	8.46	MAR 02	7.81	MAY 01	7.49
JUN 05	7.40	APR 03	7.26	APR 10	7.09	11	7.77
JUL 12	7.47	09	7.36	MAY 06	7.56	JUN 10	7.86
AUG 24	7.62	MAY 17	7.46	25	7.55	30	8.06
SEP 14	7.77	JUN 12	7.50	JUN 29	7.72	JUL 11	8.12
OCT 05	8.14	JUL 12	7.59	JUL 12	7.80	28	8.45
09	8.64	AUG 10	7.60	27	7.91	AUG 17	8.69
NOV 09	8.60	SEP 21	7.75	AUG 30	8.35	30	8.79
DEC 13	8.04	OCT 04	7.71	SEP 28	8.56	SEP 06	8.88
JAN 15, 1952	7.45	11	7.79	OCT 09	8.63	29	8.70
FEB 06	7.40	NOV 08	7.59	31	8.76	OCT 13	8.72
APR 04	7.52	DEC 12	7.56	NOV 21	8.24	25	8.81
17	7.40	JAN 10, 1957	7.30	27	8.63	NOV 18	8.68
JUN 10	6.47	22	7.50	DEC 27	8.38	30	8.36
JUL 02	7.31	FEB 13	7.32	JAN 09, 1962	8.17	DEC 21	8.22
22	7.76	APR 08	7.14	15	8.15	JAN 03, 1967	8.20
AUG 13	7.96	11	7.28	FEB 05	7.60	16	8.20
SEP 10	8.23	MAY 21	7.47	MAR 29	7.70	FEB 01	8.01

DATE	WATER LEVEL
FEB 27, 1967	7.95
MAR 14	7.45
30	7.62
APR 24	7.80
MAY 04	7.70
29	7.58
JUN 26	7.78
JUL 12	7.83
21	7.87
AUG 21	8.17
28	8.24
SEP 13	8.46
28	8.57
OCT 12	8.67
26	8.40
NOV 27	8.27
DEC 26	7.95
JAN 29, 1968	8.04
FEB 07	7.81
23	7.96
MAR 19	7.65
25	7.71
APR 25	7.82
MAY 24	6.57
JUN 24	7.24
JUL 16	7.33
24	7.37
AUG 26	7.87
SEP 24	8.10
OCT 25	8.19
NOV 25	7.76
DEC 23	7.52
JAN 10, 1969	7.57
23	7.58
FEB 20	7.55
MAR 24	7.35
APR 25	7.37
MAY 23	7.40
JUN 24	7.56
JUL 24	7.72
AUG 22	7.85
SEP 23	7.75
OCT 07	7.86
23	8.02
NOV 24	7.49
DEC 19	7.35
JAN 23, 1970	7.31
FEB 24	7.19
MAR 24	7.12
APR 23	6.63
MAY 25	6.88
JUN 15	7.14
23	7.21
JUL 22	7.41
AUG 25	7.82
SEP 24	8.03
OCT 23	8.07
NOV 24	7.44
DEC 22	6.88
JAN 25, 1971	7.45
FEB 22	6.87
MAR 22	7.24
APR 23	7.09
27	7.20
MAY 24	7.10

DATE	WATER LEVEL
JUN 24, 1971	7.17
JUL 23	7.38
AUG 24	7.70
SEP 22	7.38
OCT 26	7.04
NOV 23	7.25
DEC 15	6.92
JAN 24, 1972	7.00
FEB 24	7.03
MAR 24	6.87
APR 24	6.70
MAY 24	6.82
JUN 26	6.81
JUL 25	6.95
AUG 23	7.10
SEP 22	7.45
OCT 25	7.16
NOV 24	6.50
DEC 21	6.13
JAN 23, 1973	6.28
FEB 21	6.25
APR 23	6.11
MAY 24	6.20
JUN 18	6.02
JUL 25	6.38
AUG 23	6.39
SEP 18	6.38
OCT 02	6.41
24	6.69
NOV 20	6.44
DEC 12	6.34
JAN 11, 1974	6.01
23	6.17
FEB 25	6.35
MAR 20	6.40
APR 23	6.60
MAY 23	6.60
JUN 25	6.62
JUL 23	6.79
AUG 23	6.91
SEP 24	7.06
OCT 22	7.36
NOV 22	7.43
DEC 26	6.73
JAN 02, 1975	6.63
21	6.77
FEB 20	6.63
MAR 24	6.43
APR 24	6.72
MAY 22	6.61
JUN 24	6.77
JUL 24	6.77
AUG 22	6.81
SEP 24	6.91
OCT 21	6.52
NOV 24	6.64
DEC 23	6.71
JAN 02, 1976	6.83
23	6.98
FEB 24	6.71
MAR 24	6.60
APR 22	6.71
MAY 21	6.73
JUN 23	6.77
JUL 26	6.85

DATE	WATER LEVEL
AUG 25, 1976	7.12
SEP 22	7.33
OCT 26	6.71
NOV 19	6.75
DEC 23	6.79
JAN 04, 1977	6.85
24	6.89
FEB 22	7.23
MAR 21	6.60
APR 25	6.70
MAY 23	6.82
JUN 23	6.93
JUL 22	7.10
AUG 24	7.30
SEP 21	7.52
OCT 21	7.65
NOV 21	6.92
DEC 22	6.73
JAN 04, 1978	6.89
24	6.87
FEB 21	6.96
MAR 23	6.73
APR 24	6.82
MAY 23	6.71
JUN 23	6.94
JUL 24	6.96
AUG 24	6.99
SEP 25	7.08
OCT 24	7.42
NOV 22	7.46
DEC 22	6.95
JAN 03, 1979	6.84
24	6.80
FEB 22	7.05
MAR 26	6.71
APR 24	6.83
MAY 24	6.72
JUN 25	6.86
JUL 25	6.94
AUG 17	7.12
SEP 24	6.80
OCT 24	7.13
NOV 26	6.55
DEC 26	6.72
JAN 02, 1980	6.84
22	6.81
FEB 25	6.92
MAR 21	6.54
APR 25	6.78
MAY 26	6.64
JUN 24	6.81
JUL 24	6.92
AUG 25	7.12
SEP 24	7.36
OCT 27	7.57
NOV 24	7.24
DEC 23	7.60
JAN 23, 1981	8.36
27	8.33
FEB 04	8.25
13	8.18
MAR 26	7.76
APR 15	7.41
27	7.47
MAY 14	7.36

DATE	WATER LEVEL
MAY 27, 1981	7.41
JUN 15	7.25
29	7.37
JUL 27	7.74
AUG 27	9.20
SEP 28	9.77
OCT 26	10.04
NOV 23	9.80
DEC 28	7.74
JAN 27, 1982	7.62
FEB 25	7.51
MAR 26	7.25
APR 27	7.37
MAY 26	7.30
JUN 25	7.29
JUL 27	7.42
AUG 26	7.75
SEP 27	8.26
OCT 25	8.40
NOV 24	8.48
DEC 27	9.74
JAN 24, 1983	9.52
FEB 23	9.13
MAR 28	7.72
APR 25	7.12
MAY 31	7.36
JUN 27	7.53
JUL 27	7.96
AUG 29	8.38
SEP 26	9.74
OCT 28	9.21
NOV 28	7.94
DEC 27	8.02
JAN 30, 1984	8.03
FEB 27	7.86
MAR 26	7.55
APR 26	7.58
MAY 28	7.63
JUN 26	8.80
JUL 27	9.25
AUG 27	8.08
SEP 25	9.36
OCT 26	9.31
NOV 26	8.27
DEC 27	7.73
JAN 28, 1985	14.59
MAR 07	7.74
MAY 15	7.71
JUN 28	7.87
AUG 05	7.97
SEP 20	8.46
NOV 04	6.92
DEC 09	7.75
JAN 22, 1986	7.81
28	10.32
FEB 28	7.72
APR 23	7.70
JUN 04	7.82
JUL 07	7.94
AUG 18	8.58
OCT 06	8.18
NOV 19	8.21

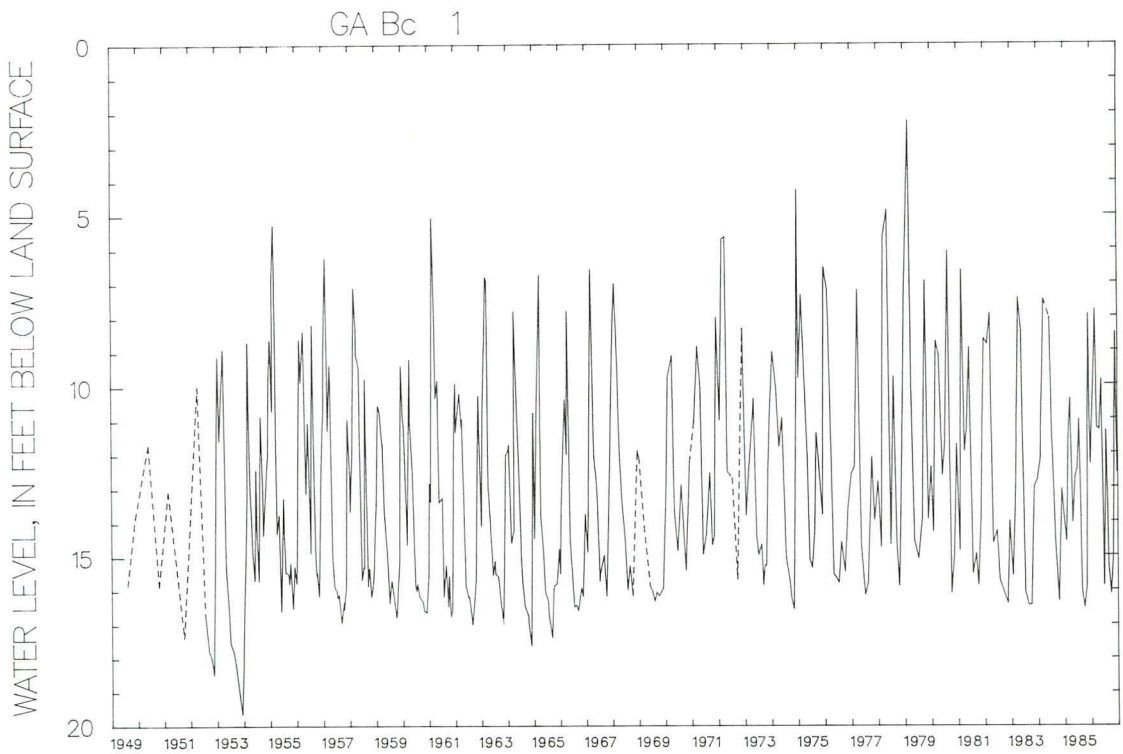

GA Ag 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
5
10
15
1946
1948
1950
1952
1954
1956
1958
1960
1962
1964
1966
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986

WELL NUMBER.--GA Bc 1 SITE ID.--393749079190301
LOCATION.--Lat 39°37'49", long 79°19'03", Hydrologic Unit 05020006, at Accident.
Owner: E. H. Ault.
AQUIFER.--Hampshire Formation.
WELL CHARACTERISTICS.--Dug stone-lined domestic water-table well, depth 20 ft, diameter 36 in.
DATUM.--Altitude of land-surface datum is 2,415 ft. Measuring point: Top of 1-in. board cover, 2.3 ft above land-surface datum.
PERIOD OF RECORD.--August 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.25 ft below land-surface datum, March 6, 1979; lowest measured, 19.65 ft below land-surface datum, Dec. 9, 1953.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 12, 1949	15.82	NOV 07, 1956	16.15	JUL 10, 1961	13.26	JUL 11, 1966	16.22
NOV 30	13.83	DEC 12	12.42	13	13.50	20	16.48
JUN 06, 1950	11.69	JAN 10, 1957	10.62	AUG 28	15.24	AUG 17	16.43
OCT 25	15.85	11	9.03	SEP 28	16.47	SEP 10	16.59
MAR 05, 1951	13.05	FEB 12	6.22	OCT 09	15.56	OCT 25	15.92
OCT 05	17.36	MAR 13	11.28	31	16.77	28	15.97
APR 17, 1952	9.97	APR 08	9.35	NOV 20	16.59	NOV 18	16.17
JUL 22	16.69	16	9.87	27	15.56	DEC 06	14.92
SEP 09	17.75	MAY 15	15.10	DEC 26	10.89	21	13.75
OCT 14	18.00	JUN 10	15.89	JAN 09, 1962	9.91	JAN 23, 1967	14.88
NOV 06	18.34	JUL 09	16.02	15	11.35	MAR 14	6.58
13	18.48	17	16.20	MAR 08	10.20	APR 24	12.05
DEC 04	15.90	AUG 05	16.11	APR 09	11.20	JUN 01	12.92
JAN 16, 1953	9.11	SEP 11	16.94	12	10.96	JUL 12	15.73
FEB 09	11.56	OCT 14	16.34	MAY 04	13.09	13	15.53
MAR 05	10.29	16	16.54	28	15.85	SEP 06	14.97
APR 02	8.88	NOV 14	15.90	JUL 06	16.20	OCT 12	16.17
20	11.27	DEC 10	10.95	12	16.16	NOV 28	12.45
MAY 06	15.30	JAN 10, 1958	12.63	AUG 13	16.70	JAN 11, 1968	8.25
JUN 08	16.30	13	13.67	27	17.00	FEB 06	7.00
JUL 06	17.54	FEB 13	11.92	OCT 05	16.10	MAR 15	9.37
AUG 14	17.77	MAR 11	7.10	16	15.75	APR 11	11.85
SEP 07	18.12	APR 07	8.33	NOV 27	10.28	MAY 17	13.48
OCT 06	18.60	10	9.06	JAN 04, 1963	14.10	JUN 24	14.41
NOV 19	19.34	MAY 15	9.42	23	10.80	JUL 29	15.99
DEC 09	19.65	JUN 21	15.67	MAR 12	6.80	AUG 30	15.27
JAN 12, 1954	16.80	JUL 16	15.30	27	6.90	OCT 09	16.16
FEB 08	14.70	24	15.31	APR 10	12.94	DEC 17	11.90
25	13.15	AUG 07	9.76	26	13.45	JAN 10, 1969	12.12
MAR 08	8.69	SEP 15	15.86	JUN 13	15.55	MAR 17	14.12
APR 06	12.70	25	15.37	JUL 10	15.12	JUN 06	15.88
MAY 10	14.87	OCT 03	15.34	17	15.50	JUL 08	16.03
JUN 07	15.70	28	16.17	AUG 26	15.60	AUG 08	16.33
29	12.42	NOV 26	15.77	OCT 04	16.49	SEP 05	16.05
JUL 07	14.08	JAN 06, 1959	13.42	08	16.50	OCT 07	16.16
AUG 03	15.70	07	13.50	DEC 12	12.01	DEC 04	15.94
SEP 03	10.84	FEB 03	10.55	JAN 08, 1964	11.90	JAN 20, 1970	12.85
29	13.01	26	10.73	22	11.71	FEB 13	9.75
OCT 05	14.36	APR 06	11.76	FEB 25	14.60	APR 13	9.12
NOV 09	13.02	07	11.67	APR 02	14.22	MAY 11	13.65
DEC 08	12.02	JUN 03	14.78	07	7.81	JUN 17	14.68
21	9.73	JUL 08	16.37	MAY 05	9.88	25	14.85
JAN 08, 1955	8.61	09	16.26	JUN 09	12.30	AUG 13	12.90
FEB 07	10.70	AUG 04	15.71	JUL 10	15.10	OCT 14	15.42
08	6.87	28	16.05	20	15.61	DEC 10	12.25
MAR 08	5.24	OCT 08	16.78	AUG 25	16.45	FEB 11, 1971	11.05
APR 12	14.30	15	16.66	OCT 14	16.74	MAR 29	8.85
MAY 11	13.75	NOV 23	15.08	19	16.99	MAY 10	10.07
JUN 07	16.61	DEC 18	9.39	NOV 24	17.62	JUN 10	14.96
JUL 12	13.24	JAN 11, 1960	10.88	DEC 29	10.78	JUL 23	14.35
21	14.41	26	11.21	JAN 11, 1965	14.48	SEP 13	12.55
AUG 05	15.44	MAR 09	14.66	FEB 17	10.35	OCT 13	14.68
SEP 13	15.49	APR 14	9.19	MAR 30	6.74	NOV 11	14.40
28	15.79	18	10.99	APR 08	13.76	DEC 14	8.01
OCT 12	15.16	MAY 23	12.48	MAY 12	14.75	JAN 27, 1972	11.03
NOV 16	16.52	JUN 27	15.83	JUN 10	16.05	MAR 07	5.72
DEC 08	15.27	JUL 14	16.00	JUL 16	16.29	APR 17	5.64
JAN 04, 1956	15.78	26	15.80	28	16.73	MAY 10	12.52
13	14.63	AUG 23	16.17	SEP 10	17.38	JUL 18	12.72
FEB 17	8.60	OCT 10	16.32	OCT 04	15.99	SEP 20	15.68
MAR 06	9.86	26	16.58	12	15.86	DEC 07	8.35
APR 09	8.36	NOV 28	16.64	NOV 19	15.80	JAN 23, 1973	13.81
MAY 17	13.13	DEC 29	15.59	DEC 20	14.77	MAR 01	12.51
JUN 12	11.06	JAN 12, 1961	12.84	JAN 06, 1966	15.51	APR 23	10.98
JUL 17	14.65	30	13.39	19	13.47	MAY 10	10.38
18	14.88	FEB 27	5.05	MAR 14	10.39	JUN 14	14.42
AUG 10	8.17	MAR 27	7.95	APR 07	12.01	JUL 10	14.97
SEP 21	14.90	APR 10	10.34	19	7.80	AUG 21	14.65
OCT 04	15.55	MAY 08	9.82	MAY 11	11.29	SEP 13	15.86
11	15.47	26	13.41	24	14.54	OCT 02	15.29

-- CONTINUED GA Bc 1

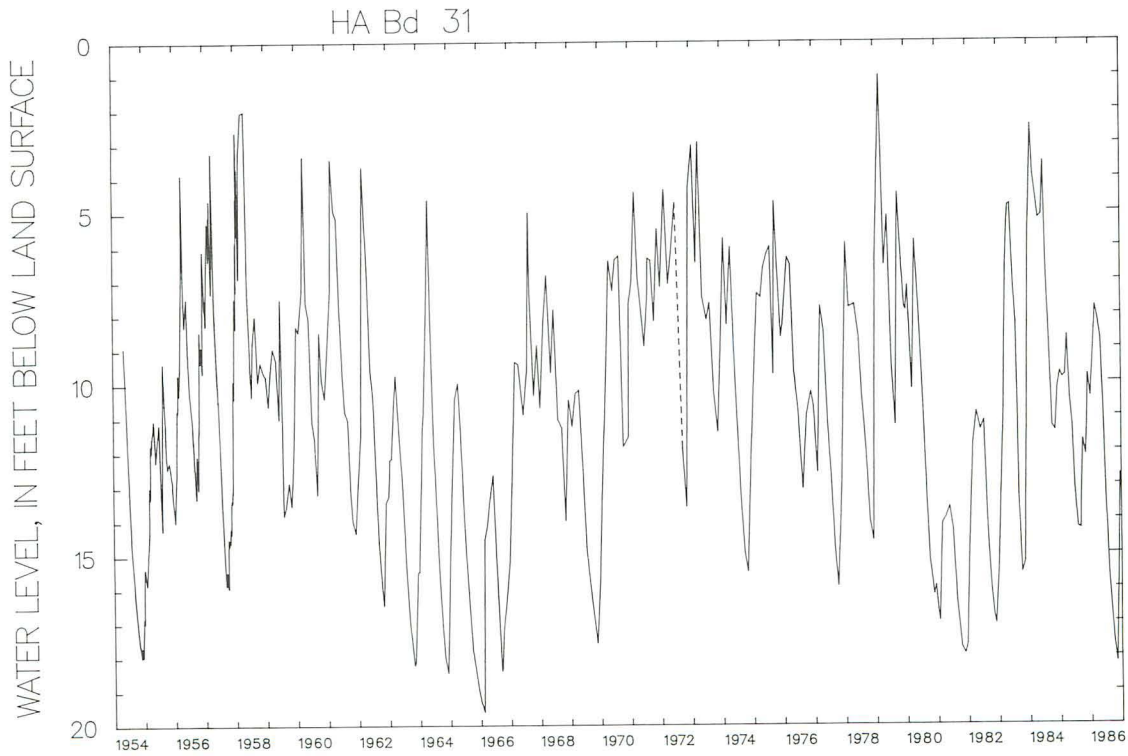
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25, 1973	15.27	JAN 04, 1977	12.60	OCT 02, 1980	16.10	JUN 14, 1984	8.05
NOV 20	12.52	FEB 15	12.40	NOV 12	14.96	JUL 20	11.80
DEC 13	10.96	APR 06	7.20	DEC 18	11.75	AUG 28	14.54
JAN 23, 1974	9.01	MAY 16	14.67	JAN 27, 1981	14.85	OCT 16	16.34
MAR 12	10.05	JUL 08	16.15	FEB 26	6.64	NOV 27	13.06
APR 23	11.80	AUG 15	15.80	APR 06	11.95	DEC 26	13.88
JUN 05	10.95	OCT 14	12.10	MAY 04	11.32	JAN 28, 1985	14.59
JUL 23	15.04	NOV 17	13.95	JUN 11	8.91	FEB 25	11.60
SEP 11	15.75	JAN 04, 1978	12.82	JUL 24	15.53	MAR 27	10.42
OCT 03	16.25	FEB 16	14.75	SEP 09	14.94	APR 25	14.04
NOV 06	16.56	MAR 28	5.66	OCT 07	15.88	MAY 28	12.72
DEC 12	10.45	MAY 18	4.85	NOV 13	13.88	JUN 26	12.47
JAN 02, 1975	4.25	JUN 26	14.68	DEC 29	8.65	JUL 26	11.03
13	9.80	AUG 11	9.75	FEB 11, 1982	8.82	AUG 27	16.01
FEB 24	7.35	SEP 15	14.60	MAR 24	7.91	SEP 30	16.52
APR 01	9.41	OCT 19	15.90	APR 30	14.64	OCT 31	15.94
MAY 15	12.12	NOV 30	11.82	JUN 22	14.27	NOV 26	7.94
JUN 10	15.09	JAN 03, 1979	7.42	JUL 27	15.72	DEC 23	12.33
JUL 15	15.35	MAR 06	2.25	SEP 14	16.02	JAN 28, 1986	10.32
AUG 18	14.32	APR 10	10.32	NOV 14	16.40	FEB 27	7.81
SEP 15	11.39	MAY 16	14.55	DEC 13	13.99	MAR 27	11.27
OCT 20	12.38	JUL 10	15.09	JAN 24, 1983	15.59	APR 28	11.33
DEC 04	13.80	AUG 30	13.89	MAR 07	12.85	MAY 27	9.86
JAN 02, 1976	6.55	OCT 16	6.95	APR 15	7.47	JUN 28	15.89
FEB 19	7.23	NOV 20	13.93	MAY 24	8.45	JUL 28	11.35
MAR 23	10.63	JAN 02, 1980	12.40	JUL 12	16.04	AUG 29	15.29
MAY 04	15.55	30	14.31	AUG 24	16.45	SEP 29	16.12
JUN 09	15.65	MAR 10	8.72	OCT 04	16.44	OCT 30	15.04
JUL 12	15.80	APR 21	9.15	NOV 16	12.99	DEC 01	8.47
AUG 18	14.59	JUN 05	12.65	DEC 29	12.77	22	12.58
OCT 05	15.48	JUL 09	11.70	FEB 07, 1984	12.17		
NOV 17	13.60	AUG 21	6.08	MAR 27	7.50		



WELL NUMBER.--HA Bd 31 SITE ID.--393902076160001
LOCATION.--Lat 39°39'02", long 76°16'00", Hydrologic Unit 02050306, at Dublin.
Owner: Walter Lee Moody, Sr.
AQUIFER.--Baltimore Gabbro Complex.
WELL CHARACTERISTICS.--Dug stone-lined water-table well, measured depth 25.9 ft; diameter 36 in. (?)
DATUM.--Altitude of land-surface datum is 460 ft. Measuring point: Top of wood floor, 0.1 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder July 9, 1954 to August 5, 1958.
PERIOD OF RECORD.--May 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.00 ft below land-surface datum, March 8, 1979; lowest measured, 19.59 ft below land-surface datum, Feb. 7, 1966.

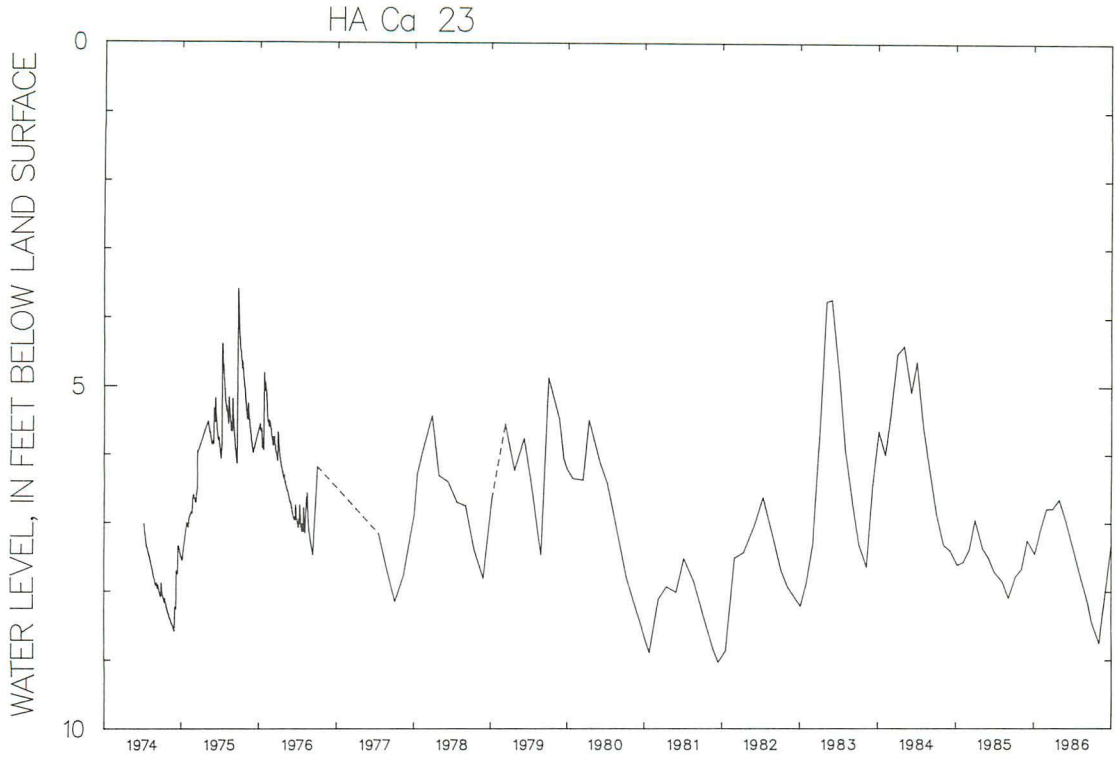
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 11, 1954	8.92	AUG 01, 1957	13.55	SEP 05, 1962	14.54	AUG 12, 1968	11.04
JUL 09	13.03	14	14.35	OCT 10	15.89	SEP 27	11.30
20	13.80	SEP 07	15.74	19	16.15	NOV 08	14.00
AUG 01	14.68	18	15.57	DEC 04	13.44	DEC 19	10.47
02	14.69	OCT 01	15.84	JAN 04, 1963	13.26	31	10.63
SEP 02	15.88	16	14.63	18	12.20	JAN 30, 1969	11.25
16	16.42	NOV 01	14.61	FEB 08	12.16	MAR 13	10.30
OCT 01	16.87	15	14.26	MAR 07	10.72	APR 24	10.19
16	17.29	DEC 01	13.39	APR 02	9.74	JUN 03	12.24
NOV 01	17.64	10	10.03	MAY 07	11.32	JUL 15	14.75
15	17.87	JAN 03, 1958	7.48	JUN 17	12.87	AUG 20	15.70
DEC 01	17.81	14	8.32	JUL 05	13.78	SEP 15	16.30
16	17.27	FEB 06	5.62	AUG 01	15.48	NOV 13	17.60
JAN 01, 1955	15.69	16	5.90	SEP 05	17.00	DEC 22	15.76
10	15.42	MAR 04	3.24	OCT 02	17.59	JAN 26, 1970	12.94
FEB 01	15.84	APR 02	2.05	25	18.22	MAR 12	10.05
MAR 04	14.42	MAY 07	2.00	NOV 07	18.13	APR 27	6.40
17	13.32	JUN 03	7.03	DEC 16	15.50	JUN 10	7.30
APR 01	11.94	08	7.47	JAN 03, 1964	15.47	JUL 13	6.38
08	11.63	JUL 01	9.17	FEB 17	11.31	AUG 26	6.26
MAY 01	11.11	11	9.90	MAR 02	10.81	OCT 09	11.85
13	11.58	AUG 05	8.80	APR 14	7.29	DEC 09	11.57
JUL 03	11.14	SEP 03	8.00	MAY 05	4.60	21	7.70
16	12.06	OCT 03	9.92	JUN 03	8.80	JAN 26, 1971	7.05
AUG 02	13.51	NOV 03	9.35	30	11.70	MAR 09	4.40
10	14.19	DEC 09	9.65	AUG 06	13.83	APR 13	6.90
SEP 08	10.56	JAN 05, 1959	9.77	SEP 03	15.63	MAY 21	7.92
22	11.50	FEB 03	10.63	OCT 08	17.24	JUN 24	8.92
OCT 04	12.15	MAR 03	9.60	30	18.00	AUG 05	7.40
12	12.37	31	8.94	DEC 01	18.45	11	6.33
NOV 04	12.25	MAY 08	9.29	JAN 07, 1965	15.30	SEP 15	6.40
05	12.26	JUN 11	11.00	FEB 03	13.25	OCT 21	8.19
DEC 09	12.84	JUL 01	7.50	MAR 16	10.42	DEC 03	5.47
10	12.96	AUG 04	13.82	APR 23	9.97	JAN 05, 1972	7.19
JAN 13, 1956	14.00	SEP 01	13.55	MAY 19	11.24	FEB 28	4.33
FEB 03	12.61	OCT 05	12.86	JUN 08	12.43	APR 12	7.10
17	10.75	NOV 06	13.54	JUL 07	14.25	MAY 18	6.18
MAR 01	10.21	DEC 04	11.87	29	15.25	JUL 06	4.72
07	10.07	JAN 05, 1960	8.30	SEP 07	16.97	SEP 19	11.90
APR 04	7.09	FEB 02	8.47	29	17.79	NOV 03	13.62
06	6.79	MAR 15	7.26	NOV 04	18.37	DEC 14	4.29
MAY 02	7.66	APR 07	3.34	DEC 06	18.93	JAN 29, 1973	3.05
06	7.83	MAY 03	7.61	JAN 04, 1966	19.30	MAR 06	6.48
JUN 05	7.47	JUN 03	8.09	19	19.41	APR 11	2.94
14	8.57	JUL 06	11.06	FEB 07	19.59	MAY 23	7.48
JUL 10	10.28	AUG 02	11.56	MAR 01	14.52	JUL 11	8.15
AUG 12	11.22	SEP 06	13.20	APR 04	14.09	AUG 16	7.65
21	11.74	OCT 05	8.48	26	13.58	OCT 01	10.24
SEP 01	12.23	NOV 02	9.90	JUN 14	12.65	NOV 14	11.43
15	12.84	DEC 06	10.41	JUL 18	14.97	DEC 20	9.12
OCT 01	12.10	JAN 05, 1961	9.10	SEP 12	18.40	JAN 30, 1974	5.75
15	12.70	FEB 18	7.24	19	18.31	MAR 07	8.30
NOV 06	8.45	MAR 02	3.42	OCT 10	17.15	APR 22	6.00
18	9.28	APR 05	4.92	NOV 16	16.31	MAY 28	8.84
DEC 01	9.02	MAY 04	5.13	DEC 28	15.18	JUL 03	11.03
08	9.44	JUN 06	7.90	FEB 02, 1967	12.56	AUG 15	13.42
JAN 03, 1957	7.51	JUL 07	9.69	MAR 13	9.36	SEP 23	14.93
13	7.54	AUG 03	10.79	APR 23	9.43	OCT 30	15.52
FEB 12	5.27	SEP 06	11.04	JUN 20	10.90	DEC 12	12.13
20	5.41	OCT 06	13.05	AUG 04	9.60	JAN 03, 1975	10.92
MAR 01	6.25	31	14.00	SEP 02	4.98	MAR 06	7.37
16	5.80	DEC 06	14.34	13	7.33	APR 17	7.50
APR 01	7.30	JAN 05, 1962	12.89	OCT 25	10.35	MAY 20	6.63
03	6.43	FEB 08	11.51	DEC 05	8.87	JUN 27	6.25
MAY 01	7.30	MAR 13	3.64	JAN 10, 1968	10.70	AUG 07	6.00
15	8.50	APR 04	5.08	FEB 23	8.28	SEP 11	9.75
JUN 01	9.70	MAY 02	6.56	APR 05	6.82	OCT 01	4.69
09	10.06	JUN 05	9.57	MAY 21	9.68	31	6.52
JUL 09	11.90	JUL 06	10.33	JUN 26	7.83	DEC 11	8.67
20	12.67	AUG 02	12.34	AUG 07	10.68	30	8.34

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 27, 1976	6.32	JUN 05, 1979	5.12	APR 16, 1982	10.87	NOV 07, 1984	11.44
APR 02	6.53	JUL 16	9.36	JUN 03	11.40	DEC 04	10.20
MAY 14	9.63	AUG 27	11.25	JUL 15	11.13	JAN 07, 1985	9.72
JUN 28	10.78	OCT 04	4.45	AUG 27	14.34	FEB 04	9.90
AUG 19	13.10	NOV 19	6.62	OCT 05	16.00	MAR 07	9.81
OCT 06	10.95	DEC 17	7.78	NOV 05	16.79	APR 02	8.65
NOV 29	10.26	JAN 02, 1980	7.88	26	17.07	MAY 01	10.50
DEC 29	10.70	23	7.16	JAN 04, 1983	15.25	30	11.29
FEB 09, 1977	12.63	MAR 13	10.20	FEB 02	13.06	JUL 01	13.09
MAR 23	7.75	APR 21	5.82	MAR 04	10.77	AUG 05	14.26
MAY 03	8.51	JUN 03	7.79	APR 06	6.43	SEP 05	14.30
JUN 15	11.18	JUL 11	9.95	MAY 06	4.85	OCT 01	11.72
JUL 21	12.72	AUG 26	13.00	31	4.80	NOV 06	12.15
SEP 01	14.80	OCT 03	15.17	JUL 07	7.20	DEC 03	9.80
OCT 07	15.95	NOV 19	16.20	AUG 01	8.22	JAN 02, 1986	10.46
NOV 21	13.17	DEC 12	15.93	SEP 01	13.25	FEB 05	9.04
JAN 03, 1978	8.33	JAN 05, 1981	16.63	OCT 06	15.57	MAR 03	7.78
23	5.89	23	16.98	NOV 10	15.26	APR 01	8.15
FEB 27	7.80	MAR 02	14.13	DEC 09	9.69	MAY 06	8.74
MAY 04	7.71	APR 14	13.94	30	5.83	29	10.42
JUN 20	8.65	MAY 28	13.64	FEB 06, 1984	2.48	JUL 02	13.19
JUL 27	10.37	JUL 08	14.32	MAR 02	3.90	AUG 05	15.60
SEP 12	11.96	AUG 20	16.38	MAY 03	5.22	SEP 12	16.86
OCT 23	14.03	OCT 09	17.74	JUN 06	5.12	OCT 01	17.50
DEC 04	14.61	NOV 18	17.94	JUL 02	3.55	NOV 04	18.20
JAN 08, 1979	6.42	DEC 16	17.66	AUG 03	6.95	DEC 17	12.73
MAR 08	1.00	JAN 20, 1982	14.75	31	8.80		
APR 25	6.56	MAR 05	11.81	OCT 02	11.30		



WELL NUMBER.--HA Ca 23 SITE ID.--393158076302601
LOCATION.--Lat 39°31'58", long 76°30'26", Hydrologic Unit 02060003, at Gunpowder State Park, Hess. Owner: U.S. Geological Survey.
AQUIFER.--Loch Raven Schist.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 200 ft; casing diameter 6 in. with depth to 24 ft; open hole.
DATUM.--Altitude of land-surface datum is 470 ft. Measuring point: Top of casing, 1.6 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder July 10, 1974 to Sept. 13, 1976.
PERIOD OF RECORD.--July 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.59 ft below land-surface datum, Sept. 27, 1975; lowest measured, 9.03 ft below land-surface datum, Dec. 15, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 10, 1974	7.02	MAR 16, 1976	5.74	MAR 17, 1980	6.37	FEB 06, 1984	6.00
25	7.38	APR 01	5.88	APR 15	5.49	MAR 02	5.41
AUG 01	7.47	15	6.12	JUN 06	6.11	APR 02	4.52
13	7.62	MAY 01	6.35	JUL 10	6.41	MAY 03	4.40
SEP 01	7.90	16	6.53	AUG 19	7.00	JUN 06	5.08
15	7.91	JUN 01	6.72	OCT 09	7.79	JUL 02	4.63
OCT 01	7.95	15	6.94	NOV 13	8.15	AUG 03	5.62
16	8.16	JUL 01	7.00	DEC 10	8.41	31	6.22
NOV 01	8.32	16	6.94	JAN 05, 1981	8.69	OCT 02	6.84
15	8.45	AUG 01	6.88	26	8.89	NOV 05	7.32
DEC 01	8.57	19	6.81	MAR 09	8.11	DEC 05	7.40
16	7.74	SEP 01	7.26	APR 16	7.93	JAN 08, 1985	7.61
JAN 01, 1975	7.50	07	7.37	JUN 01	8.01	FEB 05	7.57
07	7.55	OCT 04	6.18	JUL 07	7.52	MAR 05	7.39
FEB 01	7.04	JUL 19, 1977	7.16	AUG 21	7.84	APR 02	6.95
14	6.88	AUG 29	7.71	OCT 19	8.49	MAY 07	7.37
MAR 01	6.59	OCT 04	8.15	NOV 19	8.82	JUN 03	7.50
11	6.70	NOV 15	7.76	DEC 15	9.03	JUL 01	7.71
MAY 09	5.51	JAN 03, 1978	6.89	JAN 19, 1982	8.86	AUG 07	7.85
18	5.67	19	6.28	MAR 02	7.51	SEP 05	8.09
JUN 01	5.82	FEB 17	5.90	APR 13	7.43	OCT 08	7.78
15	5.34	MAR 30	5.43	JUN 02	7.04	NOV 06	7.67
JUL 01	5.83	MAY 02	6.31	JUL 14	6.62	DEC 02	7.25
16	4.40	JUN 14	6.40	AUG 25	7.15	JAN 06, 1986	7.45
AUG 01	5.26	JUL 26	6.70	OCT 05	7.68	FEB 03	7.09
16	5.23	SEP 05	6.75	NOV 05	7.93	MAR 04	6.79
SEP 01	5.34	OCT 16	7.40	JAN 04, 1983	8.21	APR 01	6.79
15	5.92	NOV 28	7.81	FEB 02	7.87	MAY 01	6.65
OCT 01	3.98	JAN 08, 1979	6.65	MAR 04	7.29	JUN 02	6.96
16	4.73	MAR 13	5.55	APR 06	5.61	JUL 03	7.34
NOV 01	5.17	APR 26	6.23	MAY 06	3.76	28	7.64
15	5.29	JUN 11	5.76	31	3.73	SEP 12	8.16
DEC 01	5.84	JUL 12	6.36	JUL 07	4.90	OCT 01	8.45
04	5.92	AUG 30	7.47	AUG 01	5.89	NOV 04	8.75
JAN 09, 1976	5.55	OCT 05	4.87	SEP 01	6.60	DEC 17	7.68
20	5.78	NOV 26	5.47	OCT 06	7.32		
FEB 01	5.06	DEC 17	6.06	NOV 10	7.64		
15	5.52	JAN 02, 1980	6.21	DEC 09	6.45		
MAR 01	5.63	29	6.35	JAN 06, 1984	5.65		


HA Ca 23
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
5
10
1974
1975
1976
1977
1978
1979
1980
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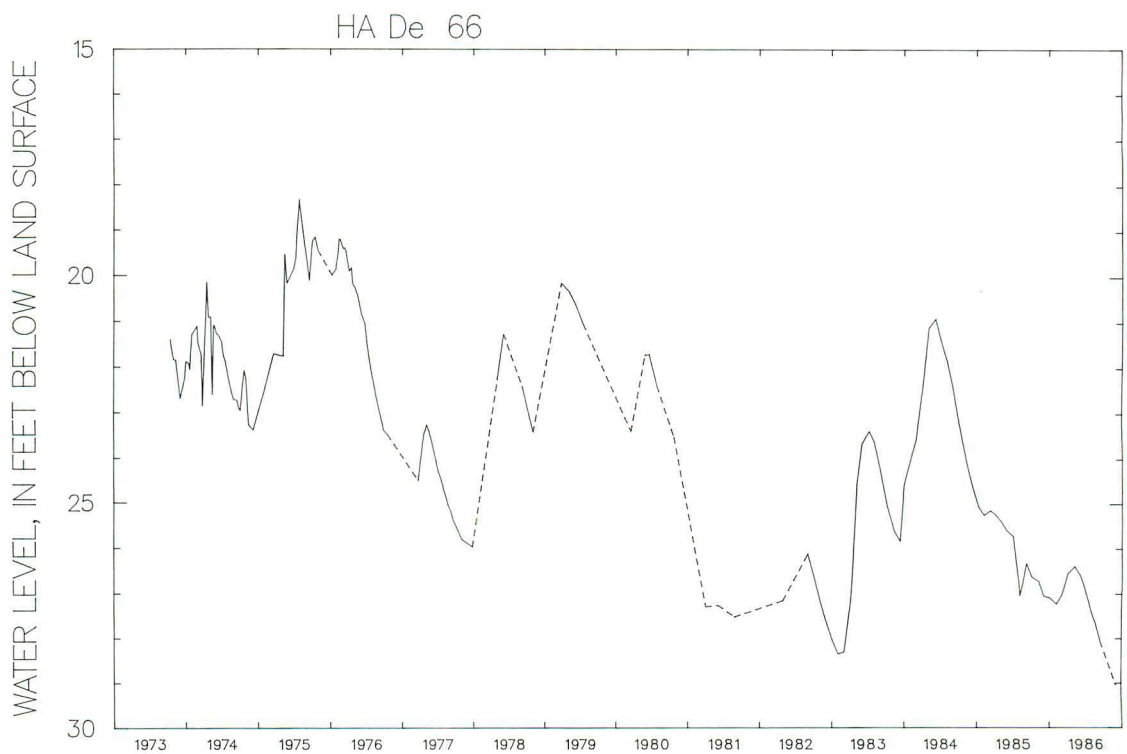
1983
1984
1985
1986

WELL NUMBER.--HA De 66 SITE ID.--392921076100401 PERMIT NUMBER.--HA-69-0394
LOCATION.--Lat 39°29'21", long 76°10'04", Hydrologic Unit 02060003, at Short Lane, nr Aberdeen.
Owner: Harford County Metropolitan Commission.
AQUIFER.--Talbot Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 135 ft; casing diameter 4 in. with depth to 45 ft; screen diameter 4 in. from 45 to 66 ft.
DATUM.--Altitude of land-surface datum is 65 ft. Measuring point: Top of casing, 1.6 ft above land-surface datum.
PERIOD OF RECORD.--October 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.31 ft below land-surface datum, July 28, 1975; lowest measured, 29.03 ft below land-surface datum, Dec. 4, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 15, 1973	21.40	SEP 05, 1975	19.68	DEC 27, 1977	25.96	APR 05, 1984	22.30
19	21.55	17	20.10	MAY 03, 1978	22.24	MAY 03	21.10
NOV 01	21.83	OCT 01	19.24	JUN 03	21.25	JUN 06	20.90
12	21.85	15	19.14	SEP 08	22.41	JUL 02	21.35
DEC 04	22.69	JAN 09, 1976	19.98	NOV 03	23.41	AUG 03	21.82
27	22.24	28	19.85	MAR 28, 1979	20.14	31	22.39
JAN 02, 1974	21.87	FEB 10	19.42	MAY 07	20.33	OCT 02	23.20
16	21.92	13	19.18	JUN 07	20.59	NOV 07	24.02
FEB 26	21.10	MAR 05	19.39	JUL 18	21.04	DEC 04	24.52
MAR 04	21.48	12	19.38	MAR 19, 1980	23.39	JAN 07, 1985	25.06
20	21.73	APR 05	19.89	MAY 29	21.71	FEB 04	25.25
APR 17	20.14	16	19.81	JUN 19	21.69	MAR 07	25.14
25	20.90	MAY 05	20.26	JUL 30	22.40	APR 02	25.23
MAY 06	20.90	19	20.42	OCT 24	23.52	MAY 01	25.39
16	22.60	JUN 07	20.82	APR 03, 1981	27.28	30	25.59
JUN 04	21.25	25	21.04	JUN 05	27.25	JUL 01	25.72
18	21.32	JUL 07	21.52	AUG 27	27.51	AUG 05	27.03
JUL 01	21.45	15	21.75	APR 28, 1982	27.14	SEP 05	26.31
10	21.73	AUG 13	22.46	AUG 31	26.11	OCT 01	26.61
AUG 02	22.17	20	22.62	OCT 05	26.67	NOV 05	26.71
19	22.52	SEP 29	23.38	NOV 05	27.19	DEC 03	27.04
SEP 18	22.73	OCT 19	23.47	26	27.51	JAN 02, 1986	27.08
27	22.90	MAR 24, 1977	24.48	JAN 04, 1983	28.04	FEB 05	27.22
OCT 04	22.94	APR 15	23.66	FEB 02	28.34	MAR 03	27.02
15	22.40	22	23.44	MAR 04	28.29	APR 01	26.54
NOV 01	22.23	MAY 06	23.25	APR 06	27.15	MAY 06	26.38
15	23.26	12	23.33	MAY 06	24.57	JUN 04	26.59
DEC 09	23.37	JUN 02	23.65	31	23.66	JUL 02	26.95
JAN 28, 1975	22.58	24	24.06	JUL 07	23.38	18	27.17
MAR 21	21.70	JUL 01	24.23	AUG 01	23.60	AUG 12	27.55
MAY 09	21.75	21	24.48	SEP 01	24.21	19	27.61
15	19.52	AUG 04	24.73	OCT 06	25.06	SEP 11	27.98
JUN 30	19.84	11	24.82	NOV 10	25.61	16	28.07
JUL 10	19.59	SEP 08	25.19	DEC 09	25.83	DEC 04	29.03
14	19.18	21	25.39	30	24.56		
AUG 15	19.00	OCT 06	25.53	FEB 07, 1984	23.90		
21	19.22	NOV 03	25.80	MAR 01	23.55		



WELL NUMBER.--HA Ec 11 SITE ID.--392433076203301 PERMIT NUMBER.--HA-04-7211
LOCATION.--Lat 39°24'33", long 76°20'33", Hydrologic Unit 02060003, off Trimble Rd., Joppatowne.
Owner: Joppatowne Utilities Corp.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 68 ft; diameter of casing 6 in. with depth to 63 ft; screen diameter 2 in. from 63 to 68 ft.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing, 3.5 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder, May 23, 1962 to December 1983.
PERIOD OF RECORD.--May 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.00 ft at land-surface datum, May 24, 1962; lowest measured, 12.80 ft below land-surface datum, May 26, 1972.

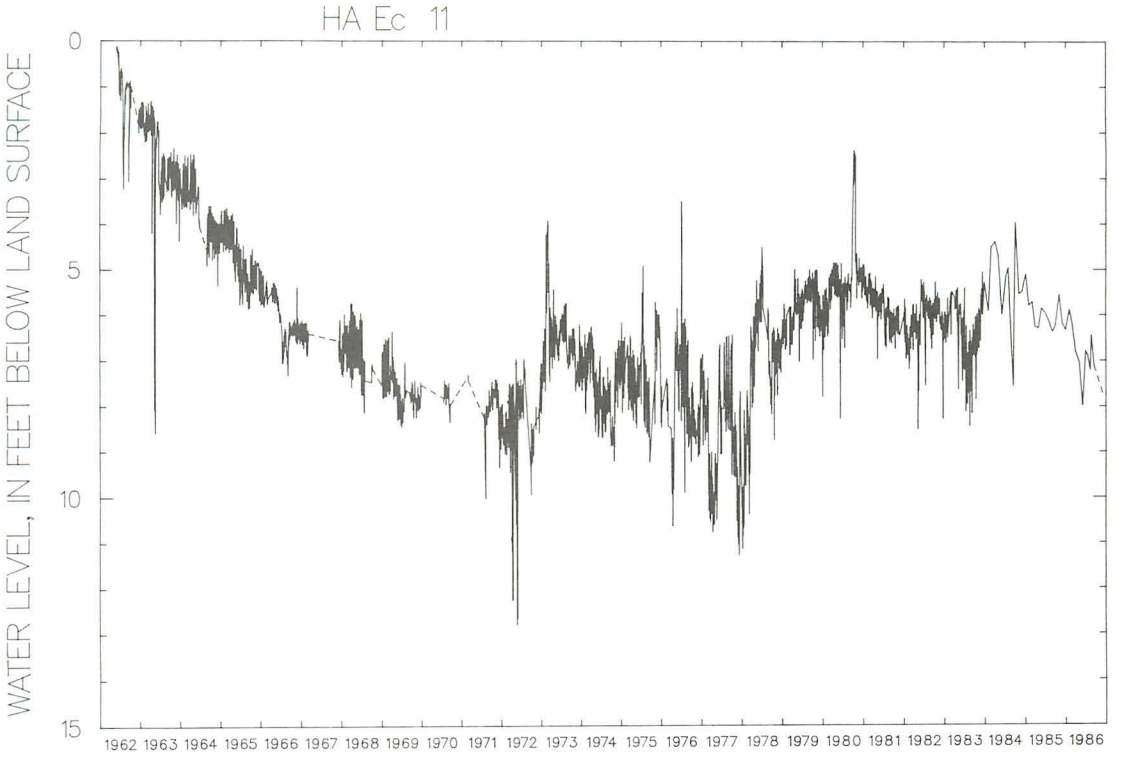
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 23, 1962	0.20	JUL 01, 1965	5.62	MAY 01, 1969	7.38	JUN 01, 1973	6.66
27	0.16	16	5.17	16	7.75	15	6.86
JUN 01	0.15	AUG 01	5.07	JUN 01	8.30	JUL 01	6.28
12	0.30	16	4.84	15	8.15	20	6.00
JUL 01	0.66	SEP 01	5.37	JUL 01	8.31	AUG 01	5.80
09	0.60	15	5.48	14	8.05	16	6.45
AUG 03	2.63	OCT 01	5.43	AUG 05	7.02	SEP 01	7.05
16	1.21	16	5.42	12	7.74	13	7.14
SEP 06	0.99	NOV 01	5.53	SEP 24	7.70	OCT 02	6.45
18	0.92	15	5.41	27	7.92	16	6.81
OCT 01	0.98	DEC 01	5.03	OCT 01	7.67	NOV 01	6.33
03	1.45	21	5.37	16	7.78	15	7.55
DEC 12	1.80	JAN 01, 1966	5.01	NOV 01	7.73	DEC 01	7.20
21	1.73	15	5.04	15	8.09	14	7.55
JAN 05, 1963	1.89	FEB 01	5.76	DEC 01	7.66	JAN 01, 1974	7.00
16	1.84	03	5.74	16	8.00	15	6.73
FEB 09	2.05	MAR 01	5.25	JUL 24, 1970	7.82	FEB 02	6.91
18	1.90	05	5.41	27	7.86	15	7.25
MAR 01	1.94	APR 13	5.50	AUG 01	7.64	MAR 01	6.70
13	1.36	21	5.50	16	7.91	16	6.37
APR 01	1.90	MAY 01	5.34	SEP 01	7.82	APR 01	6.76
15	1.61	16	5.57	12	7.93	14	6.48
MAY 01	1.66	JUN 01	5.52	MAR 05, 1971	7.34	MAY 01	7.52
16	4.76	11	5.91	06	7.32	15	8.04
JUN 01	2.32	JUL 06	6.02	JUL 29	8.25	JUN 01	7.54
13	1.91	24	6.94	30	8.15	15	8.60
JUL 06	3.36	AUG 01	6.95	AUG 01	8.21	JUL 01	7.67
18	3.35	16	6.30	21	8.15	18	8.65
AUG 01	2.52	SEP 01	6.90	SEP 01	8.14	AUG 01	8.37
10	3.34	16	6.60	15	7.96	16	8.04
SEP 07	3.21	OCT 01	6.34	OCT 01	7.75	SEP 01	8.03
16	2.97	16	6.30	13	7.90	15	7.95
OCT 07	2.98	NOV 01	6.15	NOV 05	7.79	OCT 01	8.70
19	3.35	15	6.35	17	7.57	15	8.80
NOV 01	3.08	DEC 01	6.15	DEC 01	7.95	NOV 01	8.66
15	3.22	16	6.40	16	8.33	15	6.95
DEC 01	3.98	JAN 01, 1967	6.35	JAN 01, 1972	8.65	DEC 01	6.82
18	2.75	16	6.53	16	8.68	16	6.72
JAN 01, 1964	2.88	FEB 01	6.32	FEB 01	8.74	JAN 01, 1975	7.35
24	3.57	14	6.40	15	8.33	16	6.76
FEB 01	2.65	MAR 01	6.90	MAR 01	8.45	FEB 01	7.37
16	2.48	07	6.68	16	7.56	05	6.66
MAR 01	2.77	DEC 12	6.57	APR 01	8.09	MAR 07	6.65
11	2.91	21	6.18	15	8.98	19	6.90
APR 02	3.28	JAN 01, 1968	7.17	MAY 12	10.05	APR 01	7.62
14	3.38	15	6.50	21	7.02	15	7.30
MAY 01	3.23	FEB 01	6.23	JUN 01	12.63	MAY 01	7.04
14	3.24	15	6.23	17	7.80	16	7.17
JUN 17	3.20	MAR 01	6.44	JUL 01	8.15	JUN 01	7.44
23	3.88	16	6.40	16	7.52	12	7.27
SEP 04	4.58	APR 01	6.10	AUG 01	7.25	JUL 01	7.08
17	4.63	15	6.82	05	7.37	16	5.51
OCT 01	4.37	MAY 01	6.77	SEP 21	9.03	AUG 01	7.94
16	4.29	16	6.53	22	9.11	16	7.03
NOV 01	4.53	JUN 01	7.14	OCT 01	9.39	SEP 01	7.98
15	4.63	15	7.30	14	8.95	12	7.46
DEC 01	4.45	JUL 01	6.08	NOV 16	8.33	NOV 07	7.45
16	4.17	16	7.16	17	8.01	18	6.03
JAN 01, 1965	4.25	AUG 01	7.52	DEC 12	8.22	DEC 01	6.09
16	3.82	03	7.02	23	7.67	13	6.45
FEB 03	4.61	OCT 05	7.47	JAN 02, 1973	7.96	JAN 01, 1976	7.45
16	4.32	09	7.19	14	7.22	06	7.56
MAR 01	4.52	JAN 04, 1969	7.54	FEB 01	7.45	FEB 26	7.38
16	4.47	17	7.70	17	4.53	27	7.54
APR 01	4.00	FEB 01	7.48	MAR 01	4.09	MAR 01	7.95
15	3.99	14	7.76	18	6.77	05	7.51
MAY 01	4.84	MAR 01	7.50	APR 01	6.30	APR 06	8.49
16	4.78	14	7.55	14	6.67	16	8.70
JUN 01	4.56	APR 07	7.40	MAY 01	6.50	MAY 14	6.37
15	4.90	18	6.92	22	6.64	22	7.08

DATE	WATER LEVEL
JUN 01, 1976	6.58
12	8.07
JUL 01	6.68
16	6.60
AUG 01	6.83
16	6.48
SEP 01	7.65
11	8.61
OCT 01	8.46
16	8.23
NOV 01	8.56
08	8.65
DEC 01	8.39
16	8.07
JAN 01, 1977	7.50
19	8.86
FEB 01	8.00
14	8.01
MAR 01	7.85
16	9.76
APR 01	10.03
10	9.55
MAY 01	10.60
11	9.48
JUN 15	6.77
22	7.90
JUL 01	8.11
25	8.05
AUG 01	6.89
16	8.42
SEP 01	8.29
15	7.82
OCT 01	6.64
16	8.67
NOV 01	8.62
15	8.60
DEC 01	10.43
12	11.00
JAN 03, 1978	10.10
15	10.73
FEB 01	8.94
09	9.65
MAR 01	8.10
17	8.23
APR 07	6.60
18	7.31
MAY 01	7.32
17	5.44
JUN 01	6.68
15	5.66
JUL 01	5.82
08	5.02
AUG 24	6.43
27	6.46
SEP 01	5.92

DATE	WATER LEVEL
SEP 15, 1978	7.02
OCT 01	8.17
16	6.78
NOV 01	6.92
15	6.55
DEC 01	6.44
16	7.03
JAN 08, 1979	6.11
19	6.50
FEB 01	6.11
07	6.24
MAR 13	5.83
22	5.82
APR 01	6.42
15	6.00
MAY 01	5.57
16	5.90
JUN 01	5.54
15	5.82
JUL 01	5.54
16	5.91
AUG 01	5.30
16	5.47
SEP 01	5.50
15	5.46
OCT 01	5.42
16	6.17
NOV 01	6.15
15	5.13
DEC 01	6.02
16	6.20
JAN 01, 1980	6.43
16	6.19
FEB 01	5.99
15	5.80
MAR 01	5.72
13	5.88
APR 01	5.25
15	4.85
MAY 01	4.90
16	5.38
JUN 01	5.60
15	5.58
JUL 01	5.74
16	6.20
AUG 01	5.32
16	5.54
SEP 01	5.34
11	5.50
OCT 09	2.45
20	2.99
NOV 01	4.72
15	5.04
DEC 01	5.12
16	5.16

DATE	WATER LEVEL
JAN 01, 1981	5.23
16	5.51
FEB 01	5.69
14	5.71
MAR 01	5.47
16	5.45
APR 01	5.56
15	5.78
MAY 01	5.49
16	5.70
JUN 01	5.80
15	5.69
JUL 01	5.56
16	6.15
AUG 01	6.23
15	5.75
SEP 01	5.90
15	6.40
OCT 01	6.02
16	6.33
NOV 01	6.35
12	6.09
JAN 05, 1982	6.00
18	5.85
FEB 01	6.76
14	6.67
MAR 01	6.27
16	6.25
APR 01	5.77
15	6.12
MAY 01	6.20
16	7.61
JUN 01	6.13
17	5.35
JUL 01	5.40
16	6.60
AUG 01	5.71
16	6.08
SEP 01	5.73
15	5.97
OCT 01	5.80
16	5.55
NOV 01	5.80
15	5.91
DEC 01	6.12
16	5.94
JAN 01, 1983	6.46
16	6.32
FEB 01	6.03
03	5.62
MAR 04	5.52
08	6.22
APR 06	5.61
18	5.81
MAY 01	6.15

DATE	WATER LEVEL
MAY 16, 1983	6.36
JUN 01	5.84
15	7.12
JUL 01	5.90
16	7.64
AUG 01	7.95
16	6.94
SEP 01	6.65
15	6.50
OCT 01	6.74
16	6.92
NOV 01	6.53
15	6.32
DEC 01	5.55
09	5.68
FEB 07, 1984	5.92
29	4.51
APR 05	4.39
MAY 03	4.68
JUN 08	5.99
JUL 12	5.15
AUG 02	4.96
SEP 17	7.56
OCT 05	3.96
NOV 07	5.54
DEC 04	5.48
JAN 07, 1985	5.10
FEB 04	5.80
MAR 07	5.71
APR 02	6.25
MAY 01	6.29
30	5.85
JUL 01	5.95
AUG 05	6.14
SEP 05	6.37
OCT 01	6.24
NOV 05	5.56
DEC 03	6.18
JAN 02, 1986	6.33
FEB 05	5.89
MAR 03	6.19
APR 01	6.79
MAY 06	7.04
JUN 04	7.98
JUL 02	6.79
21	6.88
AUG 12	7.21
22	6.44
SEP 16	7.11
DEC 04	7.72


HA Ec 11
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
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1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--HA Ed 24 SITE ID.--392343076161901
LOCATION.--Lat 39°23'43", long 76°16'19", Hydrologic Unit 02060003, at Bush River Rd. and 29th St. about 2 mi southeast of Edgewood.
Owner: U.S. Army.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 149 ft; casing diameter 18 in. from 0 to 73 ft; casing diameter 10 in. from 65 to 120 ft; screen diameter 10 in. from 120 to 135 ft.
DATUM.--Altitude of land-surface datum is 12.8 ft. Measuring point: Top of casing, 1.15 ft above land-surface datum.
REMARKS.--Water level measured 8.24 ft below land-surface datum, Apr. 13, 1944. Equipped with water-level recorder Jan. 24, 1950 to June 6, 1961.
PERIOD OF RECORD.-- September 1949, January 1950 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.41 ft below land-surface datum, Sept. 17, 1984; lowest measured, 42.55 ft below land-surface datum, June 26, 1955.

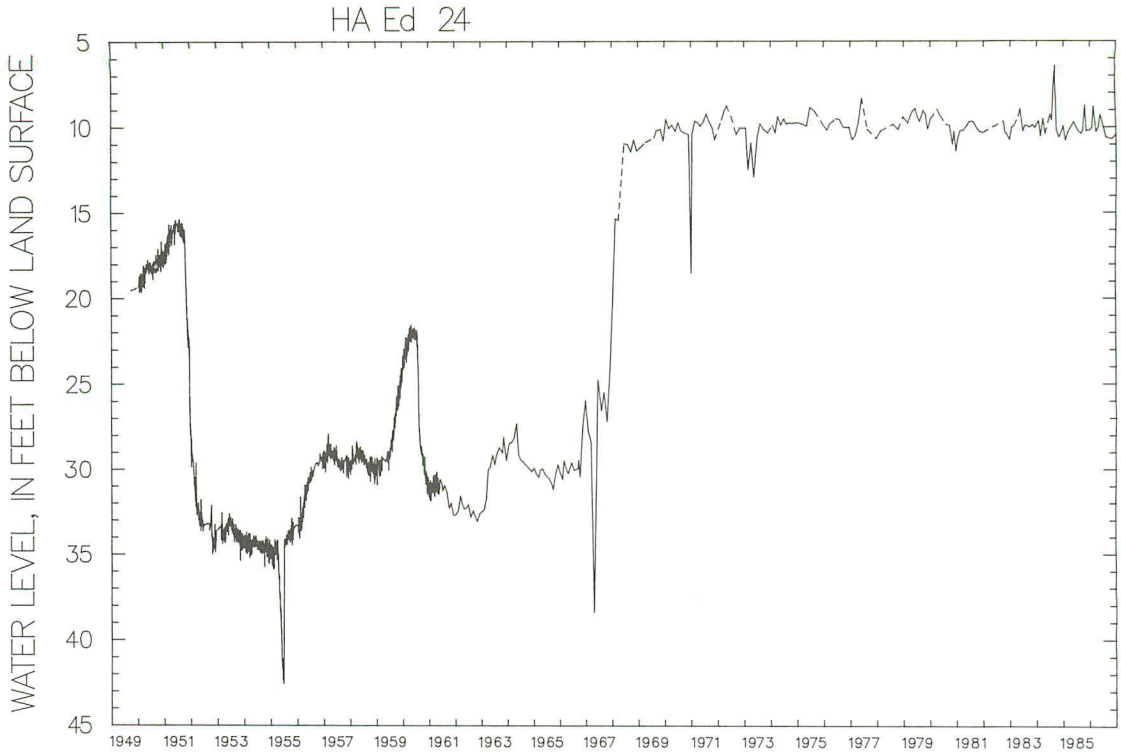
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 30, 1949	19.53	DEC 05, 1952	33.75	JAN 13, 1956	33.33	DEC 16, 1958	30.05
JAN 17, 1950	19.35	FEB 16, 1953	33.31	22	33.54	JAN 01, 1959	29.73
27	19.65	22	33.69	FEB 01	34.06	08	30.29
FEB 01	19.06	MAR 01	33.58	15	33.12	FEB 03	29.51
14	18.96	16	33.85	MAR 01	33.13	15	29.87
MAR 15	18.60	APR 01	33.57	16	32.58	MAR 01	29.67
23	18.09	15	34.30	APR 01	32.25	09	29.67
APR 01	18.56	MAY 01	33.22	15	31.01	MAY 08	29.55
15	19.07	16	33.44	MAY 01	31.77	JUN 02	28.95
MAY 01	18.37	JUN 01	32.88	16	30.76	16	29.60
23	17.77	15	32.95	JUN 01	30.86	JUL 01	29.11
JUN 01	18.04	JUL 01	33.05	16	30.75	16	28.72
15	18.34	16	33.49	JUL 01	30.41	AUG 01	28.15
JUL 01	18.14	AUG 01	33.83	16	30.37	16	28.10
16	18.13	16	33.83	AUG 01	30.29	SEP 01	27.08
AUG 01	17.96	SEP 01	34.00	04	30.08	15	26.76
16	17.89	15	33.73	SEP 11	29.64	OCT 01	25.75
SEP 01	17.96	OCT 01	33.76	OCT 02	29.59	16	25.67
15	18.03	16	33.90	15	29.79	NOV 01	25.46
OCT 01	18.14	NOV 01	34.02	NOV 05	29.52	15	25.87
16	18.33	15	34.30	06	29.08	DEC 01	25.13
NOV 01	17.60	DEC 01	34.58	DEC 04	29.53	17	24.53
15	17.91	12	34.53	21	29.60	JAN 01, 1960	24.17
DEC 01	18.06	JAN 01, 1954	34.28	JAN 01, 1957	29.79	16	23.59
16	18.03	16	34.15	16	29.45	FEB 01	23.11
JAN 01, 1951	17.60	FEB 01	34.58	FEB 01	29.11	15	23.48
16	17.58	14	34.23	14	28.52	MAR 01	23.34
FEB 01	16.98	MAR 01	33.77	MAR 01	28.30	16	22.42
14	17.17	16	35.21	19	28.89	APR 01	22.05
MAR 01	16.61	APR 01	34.46	APR 01	28.86	15	22.13
16	16.40	15	34.34	15	29.30	MAY 01	21.90
APR 01	16.15	MAY 01	34.29	MAY 01	28.91	16	22.24
13	15.72	16	34.11	16	29.51	JUN 01	22.20
MAY 28	15.62	JUN 01	34.13	JUN 01	29.34	15	21.85
29	16.84	15	34.35	15	29.35	JUL 01	22.25
JUN 01	16.10	JUL 01	34.36	JUL 01	29.50	16	22.05
07	15.80	16	34.74	16	29.65	AUG 01	23.91
JUL 11	15.78	AUG 01	34.60	AUG 01	29.81	16	27.71
21	15.80	16	34.68	16	29.92	SEP 01	28.68
AUG 01	15.66	SEP 01	34.56	SEP 01	29.82	15	28.90
16	15.91	15	34.64	15	29.66	OCT 01	29.73
SEP 01	15.58	OCT 01	34.75	OCT 01	29.70	16	29.50
15	16.06	16	34.16	03	29.79	NOV 01	29.25
OCT 01	16.08	NOV 01	34.77	NOV 08	29.19	15	30.26
08	16.20	15	35.01	19	29.24	DEC 01	31.12
NOV 06	20.79	DEC 01	35.42	DEC 01	29.95	16	30.46
18	22.14	16	35.09	13	29.88	JAN 01, 1961	30.82
DEC 01	22.27	JAN 01, 1955	34.80	JAN 02, 1958	29.76	16	30.65
16	26.03	16	34.76	14	29.46	FEB 01	31.25
JAN 01, 1952	27.91	FEB 01	35.19	FEB 01	29.21	14	30.90
07	29.70	14	35.82	05	29.44	MAR 01	30.95
FEB 06	29.60	MAR 01	34.77	MAR 04	29.24	16	30.92
17	30.48	16	34.46	17	29.33	APR 01	30.30
MAR 01	31.85	APR 01	34.36	APR 01	29.26	15	30.17
09	31.58	15	35.59	15	29.02	MAY 01	30.50
APR 10	31.98	MAY 01	37.17	MAY 01	29.58	13	31.00
20	32.84	16	38.28	16	29.11	JUN 06	30.59
MAY 01	32.75	JUN 01	41.05	JUN 01	28.89	29	30.94
16	32.15	13	41.72	15	29.47	JUL 07	31.27
JUN 01	33.09	JUL 07	34.12	JUL 01	29.43	AUG 03	30.96
08	33.44	20	34.43	16	29.32	SEP 06	31.38
JUL 10	33.25	AUG 01	34.10	AUG 01	29.65	OCT 06	32.30
AUG 12	33.21	12	34.43	16	29.89	31	32.00
SEP 09	33.22	SEP 01	34.02	SEP 01	30.00	DEC 06	32.72
10	33.48	15	33.82	15	29.83	JAN 05, 1962	32.68
OCT 08	32.10	OCT 01	33.80	OCT 01	30.01	FEB 08	32.43
19	34.06	16	33.12	16	29.77	MAR 13	31.56
NOV 01	34.63	NOV 01	33.58	NOV 01	30.04	APR 05	32.04
15	34.42	04	34.14	15	29.97	MAY 02	32.32
DEC 01	34.87	DEC 09	33.27	DEC 01	30.63	JUN 05	32.26

DATE	WATER LEVEL
JUN 29, 1962	32.07
AUG 02	32.83
SEP 05	32.44
OCT 10	32.87
31	33.07
DEC 04	32.61
JAN 04, 1963	32.49
FEB 08	32.34
MAR 07	31.74
APR 03	30.05
MAY 03	29.81
JUN 07	29.16
JUL 05	29.70
AUG 01	29.11
SEP 06	28.70
OCT 21	29.03
NOV 07	28.11
DEC 16	29.47
JAN 22, 1964	28.53
FEB 06	28.44
MAR 02	28.38
APR 01	28.16
MAY 08	27.31
JUN 03	29.10
30	29.44
AUG 07	29.55
SEP 03	29.71
OCT 05	29.85
NOV 11	30.02
DEC 04	30.13
JAN 05, 1965	29.91
FEB 02	30.22
MAR 10	30.47
APR 02	30.04
MAY 04	29.95
28	30.21
JUL 02	30.42
30	30.53
SEP 06	30.85
28	31.18
NOV 04	30.21
DEC 06	29.74
JAN 04, 1966	30.19
FEB 07	30.59
MAR 01	29.48
APR 04	30.01
26	30.25
JUN 14	29.59
JUL 18	30.05
SEP 12	29.94
19	29.45
OCT 10	30.44
NOV 16	27.66
DEC 28	25.95

DATE	WATER LEVEL
FEB 02, 1967	27.72
MAR 13	28.38
APR 23	38.40
JUN 20	24.75
AUG 07	26.55
SEP 13	25.49
OCT 25	27.19
DEC 05	24.22
JAN 10, 1968	20.35
FEB 23	15.35
APR 05	15.45
JUN 26	10.98
AUG 12	11.00
SEP 27	11.45
NOV 08	10.75
DEC 19	11.40
JAN 30, 1969	11.23
APR 24	10.90
AUG 20	10.62
SEP 16	10.22
NOV 14	10.13
DEC 23	10.83
JAN 29, 1970	9.54
MAR 10	10.10
APR 21	9.89
JUN 10	10.26
JUL 17	9.73
AUG 24	10.21
OCT 09	10.35
DEC 09	10.45
JAN 07, 1971	18.55
27	10.40
MAR 08	9.65
APR 16	9.75
MAY 17	9.95
JUL 01	9.70
AUG 11	9.24
SEP 14	9.65
NOV 04	10.09
DEC 02	10.75
MAR 08, 1972	9.59
APR 14	9.08
MAY 17	8.77
JUL 19	9.41
SEP 26	10.45
NOV 16	10.05
DEC 19	10.07
FEB 01, 1973	10.05
MAR 05	12.50
APR 17	10.92
MAY 23	12.93
JUL 11	10.65
AUG 20	9.80
OCT 03	10.12

DATE	WATER LEVEL
DEC 04, 1973	10.35
FEB 06, 1974	9.90
MAR 18	10.35
APR 22	9.40
JUN 03	9.90
JUL 15	9.52
AUG 15	9.83
SEP 25	9.78
NOV 14	9.80
JAN 03, 1975	9.75
MAR 07	9.81
MAY 23	9.95
JUL 09	8.87
SEP 11	9.10
DEC 30	9.85
FEB 26, 1976	10.20
APR 05	9.83
JUN 29	9.52
AUG 17	9.58
OCT 05	10.00
NOV 29	10.04
DEC 27	10.01
FEB 08, 1977	10.75
MAR 24	10.49
MAY 05	9.75
JUN 15	8.33
SEP 06	10.15
JAN 04, 1978	10.69
MAR 07	10.23
AUG 24	9.85
NOV 02	10.15
JAN 08, 1979	9.42
MAR 13	9.79
MAY 07	9.15
JUN 22	8.93
JUL 25	9.40
AUG 24	9.70
OCT 12	9.04
NOV 13	9.29
DEC 14	10.14
JAN 08, 1980	9.77
22	9.54
APR 18	8.98
JUN 02	9.36
AUG 20	9.85
OCT 09	9.93
NOV 19	11.02
DEC 09	10.25
JAN 05, 1981	11.42
27	10.70
MAR 02	10.22
APR 17	10.19
JUN 02	9.91
JUL 01	9.71

DATE	WATER LEVEL
AUG 24, 1981	9.67
OCT 14	10.06
NOV 19	10.26
JAN 05, 1982	10.33
OCT 13	9.67
NOV 05	10.32
26	10.39
JAN 04, 1983	10.75
FEB 02	10.03
MAR 04	9.94
MAY 06	9.40
31	8.94
JUL 07	10.26
AUG 01	9.93
SEP 01	9.93
OCT 06	10.03
NOV 10	9.88
DEC 16	10.06
FEB 06, 1984	9.65
29	10.54
APR 06	9.51
MAY 03	10.40
JUL 12	9.29
AUG 02	9.62
SEP 17	6.41
OCT 05	10.19
NOV 07	10.60
DEC 04	10.39
JAN 07, 1985	9.94
FEB 04	10.79
MAR 07	10.34
APR 02	10.15
MAY 30	9.71
JUL 01	9.98
AUG 05	10.26
SEP 05	10.38
OCT 01	10.19
NOV 05	8.74
19	10.23
JAN 02, 1986	10.18
FEB 05	10.03
MAR 03	8.78
APR 01	10.29
MAY 06	9.97
JUN 04	9.28
JUL 02	9.78
AUG 14	10.57
SEP 24	10.64
NOV 07	10.68
DEC 22	10.47


HA Ed 24
WATER LEVEL, IN FEET BELOW LAND SURFACE
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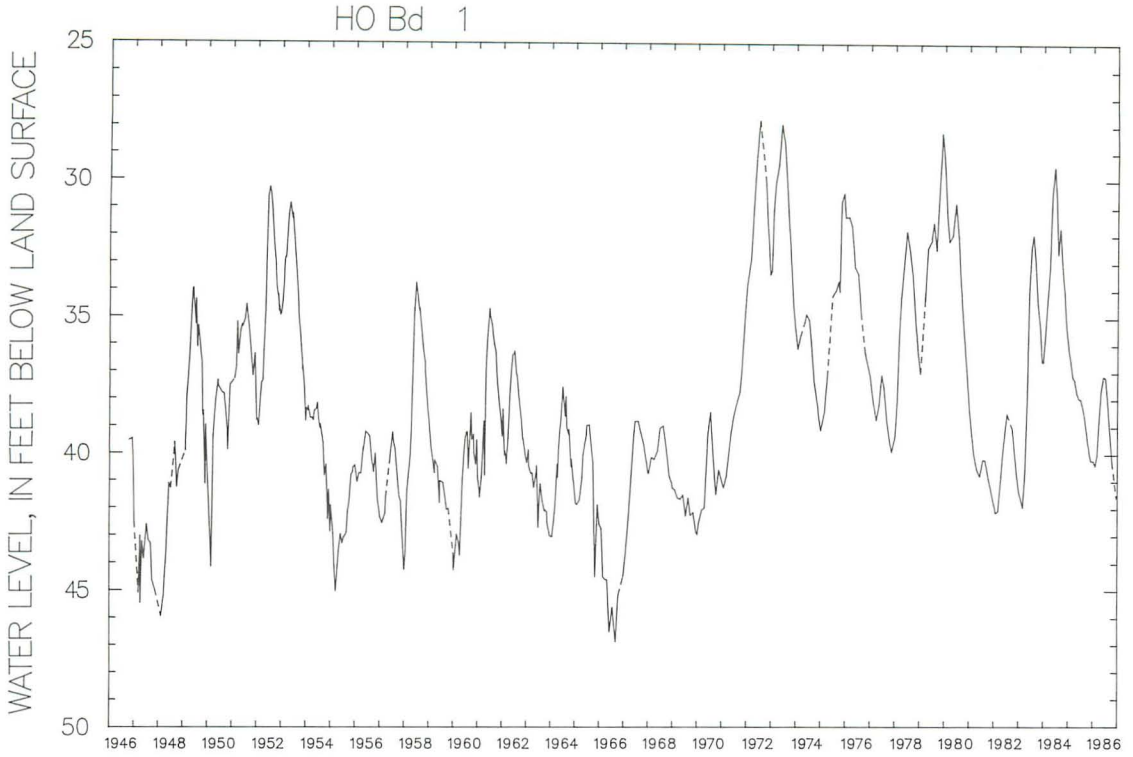
WELL NUMBER.--HO Bd 1 SITE ID.--391910076565701
LOCATION.--Lat 39°19'10", long 76°56'57", Hydrologic Unit 02060006, Slacks Corner near MD Rts. 32 and 99.
Owner: Maryland State Highway Administration.
AQUIFER.--Wissahickon Formation (lower pelitic schist).
WELL CHARACTERISTICS.--Dug stone-lined unused water-table well, diameter 60 in., measured depth 48 ft.
DATUM.--Altitude of land-surface datum is 630 ft. Measuring point: Hole in center of steel plate well cover, 0.4 ft above land-surface datum.
PERIOD OF RECORD.--October 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.76 ft below land-surface datum, July 3, 1972; lowest measured, 46.88 ft below land-surface datum, Sept. 10, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24, 1946	39.53	APR 03, 1952	37.33	DEC 01, 1955	40.52	JAN 28, 1961	41.40
DEC 11	39.46	17	36.19	30	40.43	FEB 02	41.61
26	40.74	MAY 09	34.93	FEB 01, 1956	41.05	MAR 01	40.90
JAN 10, 1947	42.53	JUN 13	30.63	MAR 01	40.72	09	40.39
MAR 15	45.10	JUL 05	30.28	30	40.73	APR 04	38.81
APR 09	43.02	22	30.46	MAY 01	39.78	18	40.80
12	45.47	AUG 07	30.88	03	39.90	MAY 03	37.04
MAY 06	43.22	15	31.12	JUN 07	39.19	25	35.74
31	43.86	SEP 17	32.53	AUG 05	39.37	JUN 05	35.39
JUL 14	42.60	OCT 09	33.07	SEP 10	40.37	26	34.69
AUG 11	43.19	20	33.92	21	40.41	JUL 02	34.91
SEP 12	43.30	NOV 13	34.27	OCT 01	40.68	AUG 02	35.30
OCT 06	44.64	14	34.19	26	40.00	14	35.61
NOV 18	44.99	DEC 03	34.64	NOV 28	41.65	SEP 05	36.01
FEB 16, 1948	45.94	16	34.95	JAN 04, 1957	42.32	26	36.24
MAR 24	45.22	JAN 20, 1953	34.39	FEB 06	42.55	OCT 08	36.95
MAY 03	43.50	FEB 09	33.55	MAR 22	42.20	23	37.42
JUN 11	41.10	11	33.27	APR 01	41.61	DEC 02	38.46
JUL 06	41.29	MAR 09	32.83	JUN 05	40.10	07	38.53
SEP 07	39.60	APR 13	31.31	JUL 12	39.22	JAN 04, 1962	39.37
OCT 04	41.25	20	31.16	25	39.57	15	38.36
25	40.64	MAY 06	30.85	AUG 16	39.82	FEB 07	40.06
FEB 11, 1949	39.90	JUN 08	31.43	OCT 16	41.59	14	39.91
MAR 01	37.93	12	31.24	NOV 07	41.74	MAR 05	40.22
APR 08	36.55	JUL 06	32.01	JAN 02, 1958	44.25	08	40.38
MAY 23	34.00	20	32.59	20	43.63	APR 02	39.42
JUN 03	33.97	AUG 13	33.34	FEB 05	41.84	25	37.96
10	34.32	SEP 04	34.32	13	41.33	MAY 01	37.65
JUL 11	35.28	14	35.00	MAR 31	40.05	18	36.96
13	34.36	OCT 08	35.65	APR 14	39.30	JUN 06	36.39
AUG 04	36.12	NOV 05	36.64	24	38.28	29	36.33
19	35.33	09	36.96	MAY 27	34.67	JUL 05	36.25
SEP 07	35.83	DEC 08	37.59	28	34.80	AUG 01	37.09
23	36.30	29	38.81	JUN 20	33.74	10	37.11
OCT 11	36.69	JAN 07, 1954	38.35	AUG 06	34.76	SEP 06	37.84
24	38.62	29	38.43	12	34.69	24	38.26
NOV 04	38.46	FEB 03	38.27	OCT 07	36.21	OCT 07	38.51
DEC 01	41.13	MAR 09	38.70	NOV 03	36.64	NOV 08	39.47
09	38.96	APR 01	38.70	05	36.97	09	39.42
JAN 06, 1950	40.93	20	38.79	DEC 23	38.50	DEC 05	39.83
FEB 03	42.33	MAY 03	38.45	JAN 07, 1959	38.91	14	40.04
MAR 03	44.15	JUN 04	38.37	FEB 02	39.70	JAN 07, 1963	40.34
31	39.37	21	38.15	MAR 26	40.72	FEB 01	39.85
MAY 04	38.10	JUL 06	38.73	31	40.23	07	40.46
JUN 07	37.32	30	39.08	MAY 13	40.49	MAR 08	40.72
12	37.54	AUG 03	38.93	JUN 12	41.82	APR 01	40.71
AUG 08	37.78	SEP 15	39.60	15	40.99	23	41.25
SEP 08	37.83	29	40.53	AUG 04	41.07	MAY 08	41.03
27	38.33	OCT 04	40.81	SEP 16	41.84	JUN 02	40.64
OCT 06	38.57	30	40.40	25	42.06	06	40.43
27	39.18	NOV 23	42.42	OCT 22	42.02	JUL 01	42.71
NOV 03	39.88	DEC 06	41.33	JAN 04, 1960	43.63	22	41.38
DEC 05	37.50	30	42.87	12	44.26	AUG 26	41.69
FEB 12, 1951	37.26	JAN 04, 1955	41.89	FEB 25	42.95	OCT 01	42.10
MAR 06	36.84	FEB 03	42.71	MAR 25	43.25	11	42.06
21	35.18	09	42.90	APR 13	43.73	NOV 06	42.13
APR 06	36.39	MAR 02	44.09	MAY 18	40.97	14	42.54
MAY 09	35.50	24	45.03	JUN 15	39.81	DEC 13	42.90
29	35.29	APR 04	44.66	29	39.45	17	42.99
JUN 08	35.36	MAY 04	43.58	JUL 17	39.20	JAN 21, 1964	43.05
JUL 11	35.10	JUN 01	42.94	AUG 01	39.21	24	43.02
AUG 02	34.55	27	43.30	16	40.55	FEB 17	42.49
SEP 07	35.35	JUL 14	43.09	SEP 07	39.35	28	42.19
OCT 04	36.14	AUG 08	43.00	22	38.50	MAR 06	42.08
NOV 08	37.17	29	42.90	OCT 06	39.49	APR 08	40.38
DEC 07	36.36	SEP 17	42.12	NOV 01	39.29	16	40.87
JAN 04, 1952	38.80	OCT 07	41.71	07	39.98	MAY 15	39.25
10	38.73	12	41.61	DEC 04	40.40	JUN 02	38.75
FEB 01	38.98	NOV 04	40.78	19	39.49	26	37.85
MAR 14	37.44	25	40.68	JAN 04, 1961	40.88	AUG 05	38.63

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 19, 1964	37.90	SEP 25, 1969	42.25	DEC 29, 1975	31.32	MAR 04, 1982	42.07
SEP 29	39.29	NOV 06	42.14	FEB 20, 1976	31.31	APR 16	40.84
OCT 02	39.10	DEC 18	42.86	MAR 30	31.62	MAY 14	39.93
NOV 04	40.48	JAN 05, 1970	42.95	MAY 11	33.12	JUL 12	38.49
10	40.20	27	42.54	JUN 27	33.37	OCT 01	39.05
DEC 07	40.90	MAR 11	42.06	AUG 11	34.81	NOV 03	39.96
14	41.02	APR 22	41.97	OCT 14	36.28	DEC 06	40.77
JAN 05, 1965	41.62	JUN 10	39.23	NOV 30	36.81	JAN 04, 1983	41.38
12	41.80	JUL 16	38.45	DEC 28	37.11	FEB 02	41.63
FEB 01	41.87	AUG 26	40.02	FEB 10, 1977	38.03	MAR 04	41.93
MAR 10	41.69	OCT 07	41.49	MAR 31	38.74	APR 06	40.69
APR 15	40.94	NOV 19	40.57	MAY 11	38.19	MAY 06	38.02
MAY 03	40.05	DEC 17	40.85	JUN 17	37.09	JUN 01	34.05
JUN 22	39.29	JAN 28, 1971	41.24	JUL 19	37.52	JUL 07	32.36
29	38.95	MAR 09	40.83	SEP 02	38.79	AUG 01	31.95
AUG 02	38.93	APR 15	39.98	OCT 18	39.54	SEP 01	32.83
SEP 03	39.73	MAY 18	39.25	NOV 15	39.91	OCT 06	34.43
30	40.35	JUN 23	38.63	JAN 03, 1978	39.33	NOV 10	35.28
NOV 03	44.49	AUG 12	38.12	FEB 01	38.02	DEC 09	36.57
DEC 06	41.86	SEP 23	37.72	27	35.63	27	36.60
JAN 03, 1966	42.58	OCT 18	37.02	MAR 27	34.23	FEB 01, 1984	35.36
FEB 02	42.72	DEC 03	34.99	MAY 08	33.07	MAR 02	34.23
MAR 03	44.48	JAN 03, 1972	33.80	JUN 19	31.82	APR 02	33.13
APR 01	44.58	FEB 29	32.80	AUG 01	32.52	MAY 02	30.50
MAY 02	44.60	APR 11	30.98	SEP 11	33.36	JUN 06	29.47
JUN 08	46.51	MAY 22	29.08	OCT 31	35.25	JUL 02	30.47
JUL 21	45.60	JUL 03	27.76	DEC 05	36.28	31	32.63
SEP 10	46.88	OCT 06	30.08	JAN 08, 1979	37.02	AUG 31	31.71
OCT 13	45.25	NOV 02	31.50	MAR 14	34.26	OCT 08	33.24
19	45.16	DEC 12	33.41	APR 24	32.43	NOV 05	34.05
DEC 28	44.48	JAN 02, 1973	33.27	JUN 19	32.15	DEC 05	35.32
FEB 03, 1967	43.62	29	31.10	20	32.06	JAN 08, 1985	36.14
MAR 14	42.43	FEB 27	30.05	JUL 20	31.50	FEB 06	36.60
APR 25	40.78	APR 09	29.40	AUG 28	32.51	MAR 05	37.14
JUN 02	39.30	MAY 25	27.91	OCT 01	30.84	APR 02	37.24
20	38.80	JUL 03	28.60	NOV 19	28.22	MAY 07	37.73
AUG 08	38.80	AUG 21	30.44	DEC 17	29.07	JUN 03	37.93
31	39.08	OCT 05	32.56	JAN 02, 1980	29.70	JUL 03	37.96
SEP 14	39.19	NOV 20	34.57	30	31.14	AUG 07	38.31
OCT 26	39.63	DEC 20	35.40	MAR 04	32.19	SEP 05	38.74
DEC 11	40.34	JAN 24, 1974	36.14	APR 24	31.95	OCT 09	39.39
30	40.70	MAR 01	35.68	JUN 10	30.81	NOV 07	39.89
JAN 10, 1968	40.70	MAY 03	35.15	JUL 21	32.00	DEC 02	40.21
FEB 20	40.12	28	34.86	AUG 25	33.73	JAN 06, 1986	40.22
APR 02	40.20	JUL 11	35.07	OCT 09	35.41	FEB 04	40.40
MAY 22	39.88	AUG 20	36.18	NOV 21	36.89	MAR 04	40.02
JUN 28	39.05	SEP 23	37.32	DEC 16	37.73	APR 02	38.77
AUG 14	38.96	NOV 14	38.17	JAN 05, 1981	38.41	MAY 01	37.69
SEP 25	39.70	DEC 06	38.69	21	38.80	JUN 03	37.12
NOV 13	40.80	JAN 02, 1975	39.11	MAR 09	39.96	JUL 03	37.17
DEC 18	41.05	FEB 28	38.42	APR 20	40.50	29	37.85
30	41.25	APR 07	37.13	JUN 05	40.80	SEP 18	39.55
JAN 31, 1969	41.31	JUN 17	34.18	JUL 22	40.18	OCT 10	40.26
MAR 14	41.61	AUG 08	33.97	AUG 24	40.20	DEC 17	41.58
APR 25	41.66	SEP 12	33.65	OCT 16	40.91		
JUN 06	41.50	29	34.03	NOV 19	41.33		
JUL 17	42.27	OCT 29	30.77	DEC 16	41.66		
AUG 21	41.60	DEC 04	30.44	JAN 29, 1982	42.14		


HO Bd 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
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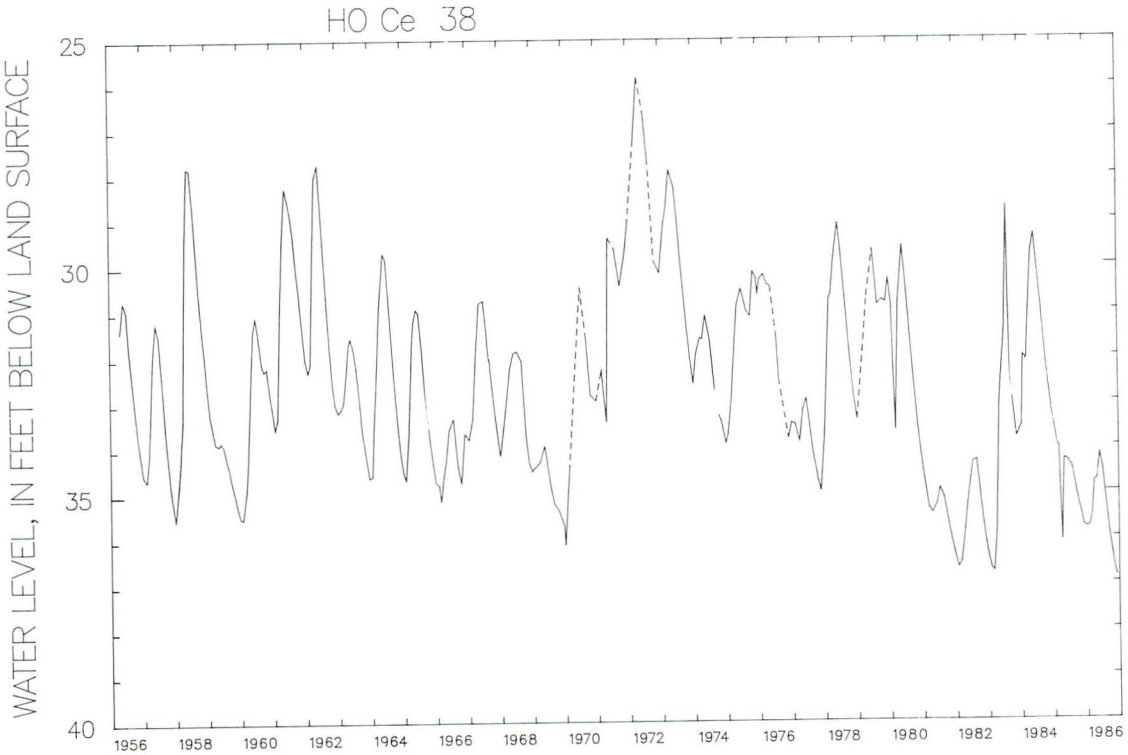
WELL NUMBER.--HO Ce 38 SITE ID.--391001076540001 PERMIT NUMBER.--HO-01-1827
LOCATION.--Lat 39°10'01", long 76°54'00", Hydrologic Unit 02060006, at Johns Hopkins University Applied Physics Lab, Scaggsville.
Owner: Johns Hopkins University.
AQUIFER.--Wissahickon Formation (oligoclase).
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 125 ft; casing diameter 6 in. with depth to 51.4 ft; open hole.
DATUM.--Altitude of land-surface datum is 430 ft. Measuring point: Top of casing, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--May 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.84 ft below land-surface datum, May 5, 1972; lowest measured, 36.87 ft below land-surface datum, Dec. 5, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 01, 1956	31.38	JAN 04, 1962	31.98	APR 29, 1968	32.20	NOV 30, 1976	33.80
JUN 04	30.71	FEB 07	32.29	JUN 05	31.89	JAN 06, 1977	33.46
JUL 09	30.93	MAR 05	32.10	JUL 15	31.84	FEB 11	33.48
AUG 06	31.75	APR 02	29.96	SEP 06	32.06	APR 04	33.88
SEP 10	32.50	MAY 01	28.01	OCT 24	33.71	MAY 10	33.18
OCT 01	32.96	JUN 06	27.72	NOV 26	34.30	JUN 20	32.92
16	33.27	JUL 05	28.60	DEC 30	34.50	AUG 01	33.64
NOV 05	33.67	AUG 01	29.61	JAN 16, 1969	34.44	29	34.09
DEC 03	34.08	SEP 04	30.75	FEB 24	34.37	OCT 19	34.68
JAN 02, 1957	34.53	OCT 09	31.81	APR 01	34.28	NOV 23	34.97
FEB 11	34.66	NOV 08	32.58	MAY 21	33.93	JAN 06, 1978	33.76
MAR 13	34.09	DEC 03	32.99	JUN 16	34.26	MAR 06	30.74
APR 01	33.36	JAN 07, 1963	33.17	JUL 29	34.85	28	30.65
MAY 02	31.94	FEB 06	33.10	SEP 03	35.20	MAY 01	29.87
JUN 03	31.20	MAR 08	32.96	OCT 30	35.38	JUN 19	29.08
JUL 08	31.49	APR 01	32.55	DEC 23	35.68	JUL 19	29.65
24	31.98	MAY 08	31.67	JAN 05, 1970	36.11	AUG 30	30.66
AUG 15	32.55	29	31.53	FEB 24	34.49	OCT 11	31.75
SEP 13	33.47	JUL 01	31.78	MAY 01	32.49	NOV 27	32.81
OCT 02	33.98	31	32.19	JUL 09	30.46	JAN 08, 1979	33.40
NOV 07	34.76	SEP 04	32.92	SEP 10	31.56	MAY 01	30.70
DEC 02	35.15	OCT 01	33.54	OCT 29	32.82	JUL 10	29.67
JAN 02, 1958	35.54	NOV 06	34.05	DEC 30	32.94	AUG 28	30.88
FEB 05	34.89	DEC 17	34.62	MAR 04, 1971	32.27	OCT 16	30.77
MAR 03	34.24	JAN 21, 1964	34.58	APR 27	33.41	NOV 27	30.82
31	33.38	FEB 18	33.22	MAY 25	29.38	DEC 28	30.30
MAY 06	29.51	MAR 06	32.70	AUG 06	29.62	JAN 02, 1980	30.39
JUN 02	27.77	APR 16	30.89	OCT 05	30.44	30	30.87
JUL 01	27.81	JUN 02	29.68	DEC 02	29.72	MAR 10	33.64
AUG 04	28.60	JUL 01	29.82	JAN 04, 1972	29.10	APR 15	30.81
SEP 02	29.53	AUG 04	30.81	MAR 17	27.31	JUN 05	29.59
OCT 02	30.49	31	31.62	MAY 05	25.84	JUL 18	30.59
NOV 05	31.30	OCT 02	32.57	JUL 11	26.60	AUG 27	31.64
DEC 05	31.91	NOV 10	33.54	AUG 25	27.64	OCT 01	32.52
JAN 06, 1959	32.70	DEC 07	34.10	OCT 27	29.89	NOV 10	33.51
FEB 02	33.24	JAN 05, 1965	34.50	DEC 28	30.16	DEC 30	34.38
MAR 02	33.54	FEB 01	34.67	FEB 12, 1973	29.11	JAN 05, 1981	34.50
30	33.83	MAR 09	33.69	MAR 20	28.68	21	34.69
MAY 07	33.88	APR 15	31.74	APR 23	27.88	MAR 10	35.35
JUN 01	33.81	MAY 03	31.21	JUN 19	28.28	APR 20	35.47
JUL 02	33.91	JUN 04	30.91	JUL 30	29.29	JUN 08	35.27
AUG 03	34.20	30	30.99	SEP 04	30.20	JUL 13	34.92
31	34.42	AUG 02	31.69	OCT 24	31.33	AUG 24	35.12
OCT 02	34.73	SEP 03	32.62	NOV 27	32.01	OCT 16	35.70
NOV 02	34.97	30	33.21	JAN 02, 1974	32.58	NOV 13	36.00
DEC 03	35.27	NOV 03	33.80	FEB 04	31.93	DEC 16	36.31
JAN 04, 1960	35.49	DEC 06	34.30	MAR 20	31.58	JAN 29, 1982	36.67
FEB 01	35.50	JAN 03, 1966	34.72	APR 15	31.60	MAR 05	36.54
MAR 14	34.87	FEB 09	34.79	MAY 20	31.09	APR 16	35.84
APR 04	34.09	MAR 03	35.15	JUL 09	31.63	MAY 14	35.31
MAY 02	32.79	APR 01	34.62	AUG 26	32.64	JUL 12	34.36
JUN 02	31.40	MAY 02	34.23	OCT 17	33.30	AUG 27	34.31
JUL 01	31.06	JUN 07	33.56	NOV 12	33.43	OCT 01	34.95
AUG 01	31.49	JUL 26	33.31	DEC 31	33.91	NOV 09	35.67
SEP 07	32.10	SEP 10	34.35	JAN 25, 1975	33.69	DEC 05	36.07
OCT 03	32.25	OCT 18	34.75	MAR 03	32.94	JAN 05, 1983	36.45
NOV 01	32.18	DEC 01	33.65	APR 08	31.80	FEB 04	36.69
DEC 05	32.74	JAN 18, 1967	33.79	MAY 12	30.87	MAR 03	36.75
JAN 04, 1961	33.13	MAR 01	33.32	JUN 27	30.51	APR 06	35.78
FEB 01	33.55	APR 07	31.95	AUG 22	30.98	MAY 09	33.10
MAR 01	33.30	MAY 19	30.79	OCT 06	31.12	JUN 02	32.43
APR 04	30.92	JUL 05	30.73	NOV 10	30.13	JUL 11	31.40
MAY 03	29.37	AUG 09	31.43	DEC 15	30.28	AUG 11	28.71
JUN 05	28.23	31	32.01	30	30.64	SEP 09	32.50
JUL 05	28.49	SEP 08	32.00	JAN 21, 1976	30.32	OCT 04	32.93
AUG 02	28.79	OCT 06	32.62	MAR 08	30.20	NOV 18	33.81
SEP 05	29.36	NOV 15	33.34	APR 12	30.41	JAN 13, 1984	33.55
OCT 05	30.06	JAN 05, 1968	34.14	MAY 20	30.47	FEB 03	31.99
30	30.50	08	34.12	JUL 22	31.54	MAR 09	32.11
DEC 07	31.35	MAR 06	33.17	AUG 18	32.50	APR 12	30.81

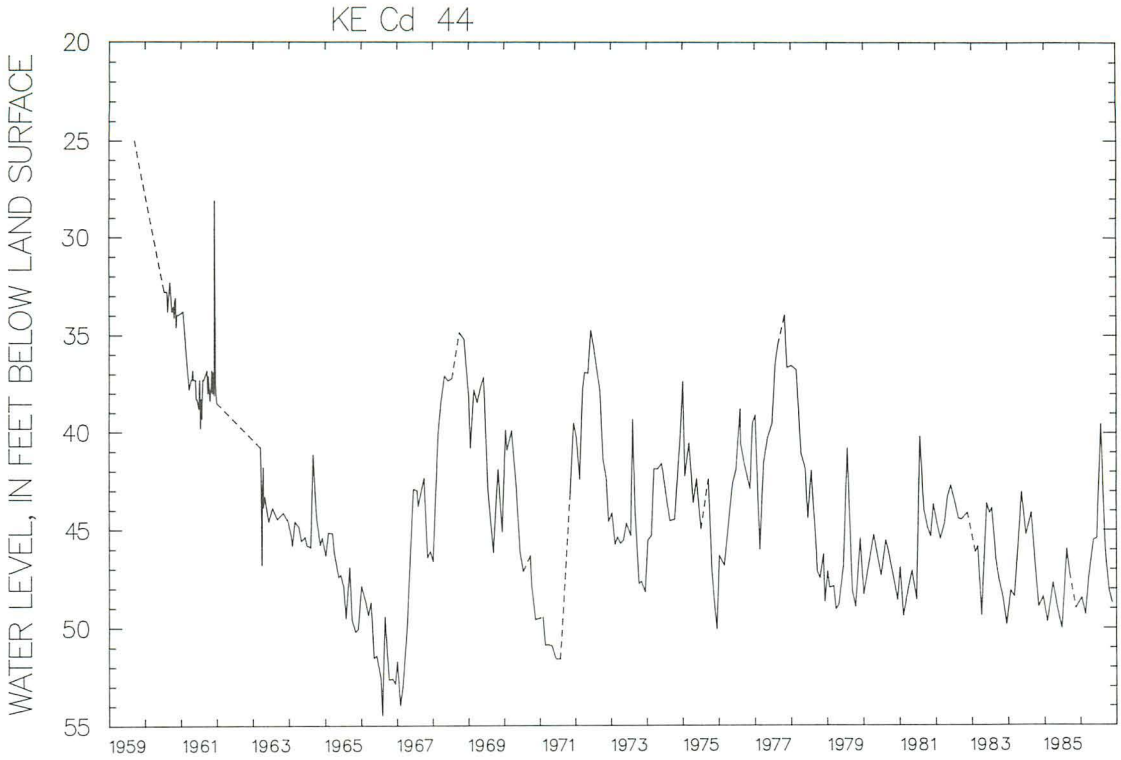
— CONTINUED HO Ce 38

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 10, 1984	29.75	FEB 14, 1985	33.98	NOV 07, 1985	35.50	AUG 08, 1986	35.20
JUN 13	29.34	MAR 07	34.03	DEC 04	35.76	SEP 17	35.95
JUL 13	29.96	APR 05	36.09	JAN 08, 1986	35.81	OCT 17	36.34
AUG 10	30.57	MAY 03	34.30	FEB 04	35.79	NOV 14	36.71
31	30.98	JUN 14	34.35	MAR 05	35.55	DEC 05	36.87
OCT 11	32.05	JUL 18	34.45	APR 04	34.79		
NOV 02	32.46	AUG 01	34.52	MAY 02	34.76		
DEC 13	33.22	SEP 12	34.98	JUN 03	34.18		
JAN 11, 1985	33.55	OCT 10	35.26	JUL 07	34.56		



WELL NUMBER.--KE Cd 44 SITE ID.--391432076015501 PERMIT NUMBER.--KE-03-6139
LOCATION.--Lat 39°14'32", long 76°01'55", Hydrologic Unit 02060002, MD Rt. 291, 2.6 mi northeast of Chestertown. Owner: Campbell Soup Co.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 84 ft; casing diameter 4 in. with depth to 79 ft; screen diameter 5 in. from 79 to 84 ft.
DATUM.--Altitude of land-surface datum is 50 ft. Measuring point: Top of casing, 0.2 ft above land-surface datum.
REMARKS.--Water levels measured by plant personnel with an electric tape, Sept. 18, 1959 to April 18, 1963.
PERIOD OF RECORD.--September 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.00 ft below land-surface datum, Sept. 18, 1959; lowest measured, 54.46 ft below land-surface datum, Aug. 4, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 18, 1959	25.00	APR 09, 1966	48.70	MAR 07, 1973	45.35	NOV 30, 1979	45.42
JUL 18, 1960	32.80	MAY 10	51.53	APR 05	45.68	JAN 04, 1980	48.29
AUG 01	32.80	JUN 06	51.41	MAY 07	45.52	FEB 29	46.57
11	32.80	JUL 18	52.57	JUN 06	44.65	APR 14	45.23
SEP 14	32.30	AUG 04	54.46	JUL 20	45.29	MAY 13	46.07
28	33.30	29	49.42	AUG 10	39.33	JUN 27	47.32
OCT 04	33.80	OCT 10	52.64	SEP 05	44.19	AUG 13	45.52
19	33.55	NOV 16	52.59	OCT 12	47.75	SEP 09	46.06
NOV 09	33.10	DEC 13	52.85	NOV 05	47.63	OCT 20	47.15
15	34.60	JAN 03, 1967	51.69	DEC 14	48.18	DEC 09	48.57
JAN 24, 1961	33.80	FEB 02	53.94	JAN 11, 1974	45.53	JAN 05, 1981	46.90
MAR 27	37.80	28	52.94	FEB 15	45.27	FEB 05	49.37
APR 17	37.30	APR 11	50.04	MAR 15	41.86	17	49.05
26	37.30	MAY 15	46.42	APR 19	41.87	MAR 31	47.88
MAY 05	36.80	JUN 17	42.90	MAY 31	41.58	MAY 04	47.07
10	37.30	JUL 24	42.98	JUL 19	43.29	JUN 19	48.56
JUN 01	37.30	AUG 04	43.78	AUG 22	44.53	JUL 24	40.17
08	38.30	OCT 03	42.33	OCT 11	44.45	SEP 02	43.93
JUL 05	38.80	NOV 07	46.41	DEC 04	40.50	OCT 09	44.86
21	39.80	DEC 05	46.09	JAN 02, 1975	37.37	NOV 09	45.32
AUG 04	39.30	JAN 03, 1968	46.60	22	42.23	DEC 07	43.66
11	37.80	FEB 26	39.97	MAR 07	40.53	JAN 07, 1982	44.56
SEP 26	36.80	MAR 25	38.43	APR 17	43.61	FEB 16	45.44
OCT 03	38.00	APR 30	37.08	MAY 21	42.37	MAR 29	44.67
09	37.10	JUN 05	37.34	JUL 03	44.95	APR 29	43.29
NOV 02	37.80	JUL 15	37.22	SEP 17	42.38	JUN 02	42.69
13	36.80	SEP 30	34.86	OCT 21	47.04	JUL 15	43.60
DEC 07	38.10	NOV 19	35.22	NOV 21	49.01	AUG 17	44.40
11	28.10	JAN 03, 1969	38.20	DEC 12	50.05	SEP 15	44.46
JAN 02, 1962	38.50	20	40.80	JAN 05, 1976	46.29	NOV 16	44.10
MAR 22, 1963	40.80	FEB 25	37.80	FEB 24	46.81	FEB 03, 1983	46.11
26	41.80	MAR 31	38.46	APR 13	44.35	MAR 02	45.83
APR 03	46.80	MAY 07	37.61	MAY 19	42.61	APR 08	49.35
08	43.80	JUN 04	37.15	JUN 22	41.90	MAY 31	43.61
MAY 03	43.29	JUL 18	42.89	AUG 05	38.78	JUN 28	44.12
JUN 11	44.58	SEP 11	46.15	11	40.58	JUL 22	43.86
JUL 19	43.87	OCT 29	41.89	SEP 23	41.79	AUG 30	46.42
SEP 06	44.46	DEC 12	45.10	NOV 12	42.88	SEP 28	47.46
NOV 05	44.12	JAN 15, 1970	39.87	DEC 07	39.50	NOV 08	48.46
DEC 16	44.51	30	40.91	JAN 04, 1977	39.10	DEC 16	49.81
20	44.46	MAR 18	39.91	FEB 18	45.99	JAN 25, 1984	48.10
JAN 23, 1964	45.29	MAY 04	42.72	MAR 30	41.54	MAR 02	48.39
FEB 05	45.81	JUN 11	46.13	MAY 09	40.27	APR 12	45.60
MAR 02	44.57	JUL 14	47.12	JUN 23	39.54	MAY 17	43.03
APR 10	44.86	SEP 24	46.32	JUL 25	36.49	JUN 28	45.23
MAY 05	45.58	OCT 09	47.85	AUG 23	35.47	AUG 21	44.10
JUN 11	45.36	NOV 16	49.57	OCT 27	33.96	SEP 25	46.48
30	45.80	FEB 01, 1971	49.45	NOV 22	36.64	NOV 02	48.92
AUG 06	45.89	26	50.88	JAN 04, 1978	36.54	DEC 17	48.41
SEP 02	41.14	MAR 26	50.85	FEB 22	36.77	JAN 30, 1985	49.68
OCT 07	44.40	MAY 05	50.92	APR 13	41.09	MAR 05	48.50
NOV 12	45.77	JUN 15	51.57	MAY 23	41.82	28	47.69
DEC 02	45.39	JUL 30	51.58	JUN 20	44.39	MAY 08	48.94
JAN 07, 1965	46.31	NOV 09	43.09	JUL 24	41.94	JUN 25	50.02
FEB 03	45.14	DEC 15	39.50	SEP 06	45.47	AUG 14	45.96
MAR 16	45.17	JAN 12, 1972	40.27	22	47.11	SEP 12	47.21
APR 02	46.12	FEB 15	42.40	OCT 19	47.46	NOV 14	48.98
MAY 18	47.42	MAR 16	37.78	NOV 24	46.23	JAN 13, 1986	48.46
JUN 07	47.30	APR 06	36.90	DEC 06	48.67	FEB 20	49.31
JUL 07	47.90	MAY 10	36.94	JAN 04, 1979	47.10	MAR 25	47.40
30	49.51	JUN 08	34.74	23	47.94	MAY 13	45.50
SEP 07	46.90	JUL 12	35.68	MAR 06	47.87	JUN 16	45.39
29	49.60	SEP 09	37.85	28	49.05	JUL 29	39.54
NOV 05	50.20	OCT 11	41.38	APR 25	48.80	SEP 11	46.01
DEC 01	50.04	NOV 14	42.44	JUN 12	46.86	OCT 17	48.07
JAN 03, 1966	47.87	DEC 07	44.57	JUL 23	40.78	NOV 19	*48.70*
FEB 15	48.69	JAN 10, 1973	44.11	SEP 10	48.11		
MAR 14	49.35	FEB 09	45.73	OCT 12	48.93		


KE Cd 44
WATER LEVEL, IN FEET BELOW LAND SURFACE
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WELL NUMBER.--MO Be 1 SITE ID.--391641077100101
LOCATION.--Lat 39°16'41", long 77°10' 01", Hydrologic Unit 02060006, on MD Rt. 108, 1.8 mi east of Damascus. Owner: Damascus Assembly of God Church.
AQUIFER.--Ijamsville Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 58 ft; casing diameter 6 in. to unknown depth; open hole.
DATUM.--Altitude of land-surface datum is 705 ft. Measuring point: Top of concrete cover at pump base, 1.0 ft above land-surface datum.
REMARKS.--Discontinued as observation well August 1983; reactivated as production well by owners.
PERIOD OF RECORD.--January 1949 to August 1983.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.47 ft below land-surface datum, April 1, 1958; lowest measured, 49.90 ft below land-surface datum, Oct. 17, 1977.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 13, 1949	25.73	OCT 13, 1955	38.04	JAN 04, 1962	45.05	FEB 21, 1968	32.64
FEB 16	25.91	NOV 01	38.91	FEB 07	45.93	MAR 06	33.72
MAR 17	24.10	DEC 01	40.26	MAR 05	44.35	APR 29	33.01
APR 01	25.29	JAN 04, 1956	40.93	APR 02	34.87	JUN 03	34.50
14	25.42	FEB 01	42.27	MAY 01	30.10	JUL 16	35.65
MAY 26	29.05	MAR 01	35.34	JUN 06	32.70	SEP 12	40.10
JUN 08	29.76	APR 02	27.71	JUL 05	35.10	OCT 22	42.67
JUL 11	34.30	MAY 01	29.60	AUG 01	37.36	DEC 04	43.19
AUG 19	39.34	JUN 04	32.42	SEP 04	40.49	30	40.57
SEP 23	38.87	JUL 09	35.02	OCT 09	41.92	JAN 14, 1969	44.15
OCT 24	41.16	AUG 06	32.59	NOV 08	43.70	FEB 24	44.21
NOV 08	41.64	SEP 10	35.63	DEC 03	45.04	MAR 28	42.87
DEC 14	43.02	OCT 01	37.19	JAN 07, 1963	46.37	MAY 12	41.96
JAN 12, 1950	43.62	NOV 05	39.68	FEB 06	46.82	JUN 18	42.67
MAR 03	35.29	DEC 03	40.90	MAR 08	46.66	AUG 06	42.30
27	24.39	JAN 02, 1957	42.06	APR 01	44.50	SEP 03	43.35
APR 27	30.64	FEB 11	39.36	MAY 08	42.83	OCT 30	44.10
MAY 24	30.02	MAR 13	33.35	JUN 06	42.06	DEC 23	45.97
JUN 21	31.57	APR 01	32.58	JUL 01	41.98	JAN 05, 1970	45.53
JUL 21	34.94	MAY 02	29.63	31	42.27	FEB 23	37.43
SEP 26	40.40	JUN 03	33.06	SEP 04	43.21	MAY 01	27.77
OCT 27	42.37	JUL 08	36.07	OCT 01	44.58	JUL 09	37.32
NOV 28	43.34	30	37.75	NOV 06	46.20	SEP 10	39.08
DEC 27	41.98	SEP 13	41.08	DEC 17	46.08	OCT 29	42.08
FEB 05, 1951	39.25	OCT 02	42.17	JAN 21, 1964	43.25	DEC 30	41.52
MAR 08	28.14	NOV 07	44.11	FEB 18	39.05	MAR 04, 1971	28.94
MAY 29	30.57	DEC 02	46.35	MAR 06	31.40	APR 27	42.46
JUL 06	27.98	JAN 02, 1958	45.31	APR 16	29.14	JUN 01	29.12
AUG 09	33.21	FEB 05	40.04	30	27.58	AUG 11	27.71
SEP 18	40.50	MAR 03	35.56	JUN 02	28.85	OCT 04	36.66
NOV 06	40.74	APR 01	17.47	JUL 01	33.65	DEC 02	24.49
DEC 10	42.80	MAY 06	26.25	AUG 04	36.75	JAN 04, 1972	29.16
JAN 04, 1952	43.65	JUN 02	28.08	31	38.77	MAR 01	22.51
FEB 06	43.78	AUG 04	34.66	OCT 02	40.95	MAY 05	25.09
MAR 17	40.53	SEP 02	38.43	NOV 10	43.24	JUL 11	24.93
APR 15	29.42	OCT 02	38.96	DEC 07	44.60	AUG 25	35.86
JUN 13	27.25	NOV 04	42.46	JAN 05, 1965	45.25	OCT 23	42.91
JUL 22	32.53	JAN 06, 1959	44.77	FEB 01	43.02	DEC 28	30.89
AUG 15	34.88	FEB 02	45.22	MAR 09	33.00	FEB 12, 1973	25.61
SEP 17	36.31	MAR 02	44.62	APR 15	32.02	MAR 20	29.54
OCT 20	39.16	MAY 07	39.95	MAY 03	31.70	APR 23	25.52
NOV 14	43.90	JUN 01	40.80	JUN 04	33.06	JUN 18	26.38
25	40.52	JUL 02	40.66	30	34.75	JUL 30	35.23
DEC 16	38.32	AUG 03	42.15	AUG 02	35.76	SEP 21	38.50
29	37.08	31	43.27	SEP 03	39.87	OCT 24	40.39
JAN 20, 1953	31.33	NOV 02	45.83	30	41.40	NOV 26	42.28
FEB 11	30.20	DEC 03	47.69	NOV 03	43.34	JAN 02, 1974	38.11
MAR 23	27.68	JAN 04, 1960	47.61	DEC 06	44.75	FEB 05	36.04
APR 20	24.59	FEB 01	45.45	JAN 03, 1966	46.31	MAR 27	38.25
JUN 12	28.02	MAR 14	42.10	FEB 02	46.49	APR 15	26.56
JUL 20	32.06	APR 04	38.48	MAR 03	45.58	MAY 21	32.70
SEP 04	37.70	MAY 02	33.24	31	43.90	JUL 09	36.93
23	39.40	JUN 02	31.99	MAY 02	42.12	AUG 27	45.16
OCT 01	39.94	JUL 01	33.85	JUN 13	40.28	OCT 16	43.27
NOV 13	42.50	AUG 01	37.51	AUG 07	43.11	NOV 14	44.29
DEC 29	44.67	SEP 07	40.43	SEP 10	44.39	DEC 31	39.89
FEB 03, 1954	45.30	OCT 03	41.10	OCT 14	38.44	JAN 27, 1975	38.78
APR 20	44.52	NOV 01	42.21	18	38.64	MAR 05	34.30
JUN 21	39.38	DEC 05	43.97	NOV 28	37.86	APR 08	29.16
JUL 30	40.60	JAN 04, 1961	45.25	JAN 12, 1967	38.62	MAY 12	25.79
SEP 29	43.79	FEB 01	47.20	FEB 24	39.19	JUN 26	33.01
NOV 23	46.21	APR 04	27.44	APR 03	27.94	AUG 28	38.80
DEC 30	46.68	MAY 03	26.73	MAY 09	29.55	OCT 06	28.75
FEB 09, 1955	47.00	JUN 05	29.02	JUN 02	31.68	NOV 11	31.74
APR 05	46.65	JUL 05	32.74	JUL 06	35.44	DEC 15	33.04
MAY 12	44.45	AUG 02	35.57	AUG 09	37.87	30	33.61
JUN 07	43.36	SEP 05	38.29	29	33.22	JAN 21, 1976	27.76
JUL 14	42.79	OCT 05	40.47	OCT 06	35.67	MAR 08	30.75
AUG 29	37.70	31	41.72	NOV 17	38.43	APR 21	29.42
SEP 13	37.60	DEC 07	43.67	JAN 05, 1968	37.45	JUN 03	35.17

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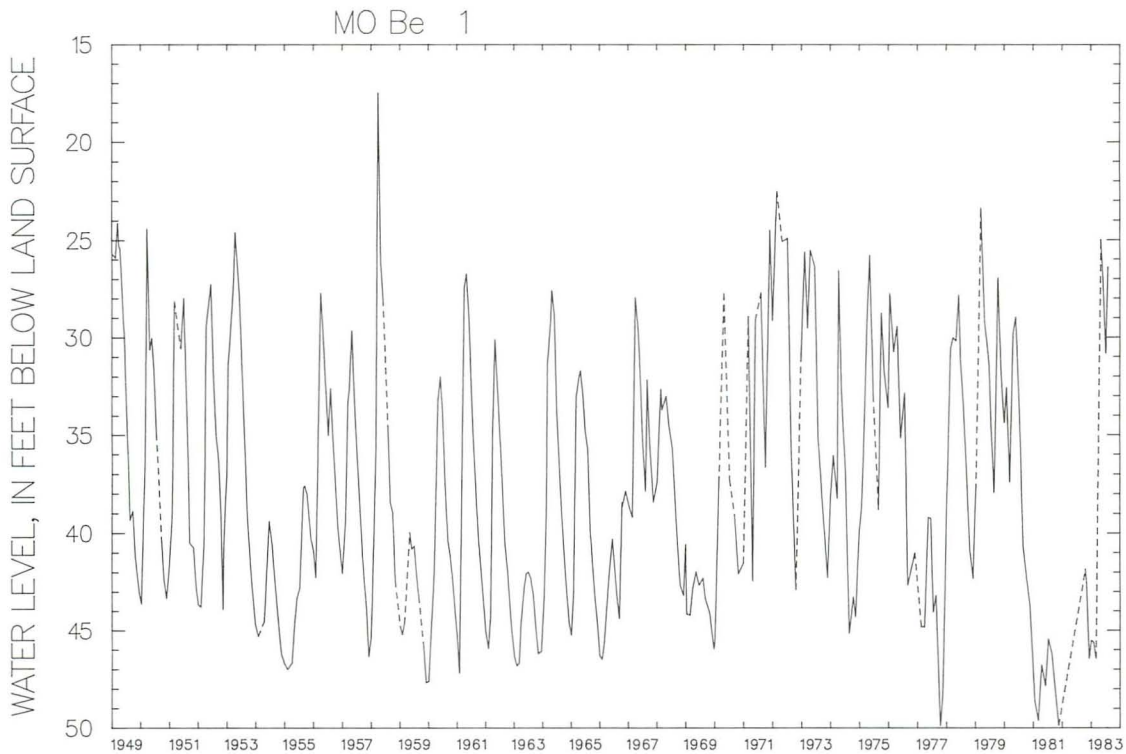
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 23, 1976	32.85	JUN 08, 1978	27.85	JAN 30, 1980	32.58	NOV 19, 1981	49.87
AUG 31	42.67	27	31.03	MAR 11	37.41	OCT 22, 1982	41.85
OCT 14	41.87	AUG 01	33.15	APR 23	29.85	NOV 05	42.55
NOV 30	41.00	SEP 11	36.87	MAY 28	28.96	DEC 06	46.46
FEB 17, 1977	44.80	OCT 27	40.91	JUL 15	34.32	JAN 04, 1983	45.52
MAR 31	44.83	DEC 05	42.33	AUG 27	40.71	FEB 02	45.62
MAY 17	39.19	JAN 09, 1979	37.82	OCT 09	42.30	MAR 04	46.45
JUN 17	39.24	MAR 14	23.40	NOV 20	43.70	MAY 06	25.01
JUL 19	44.06	MAY 01	29.23	JAN 05, 1981	47.35	JUN 01	27.03
AUG 23	43.19	JUN 25	31.42	21	48.57	JUL 07	30.83
OCT 17	49.90	JUL 20	34.61	MAR 06	49.61	AUG 01	26.42
NOV 15	48.40	AUG 27	37.95	APR 17	46.78		
JAN 03, 1978	39.10	OCT 16	26.94	JUN 05	47.86		
FEB 23	30.59	NOV 21	31.63	JUL 10	45.45		
MAR 23	30.03	DEC 14	33.21	AUG 21	46.20		
MAY 01	30.19	JAN 02, 1980	34.38	OCT 15	48.33		



WELL NUMBER.--MO Cc 14 SITE ID.--391314077224201
LOCATION.--Lat 39°13'14", long 77°22'42", Hydrologic Unit 02070008, at Barnesville.
Owner: Shirley Hayes.
AQUIFER.--Ijamsville Formation.
WELL CHARACTERISTICS.--Dug stone-lined unused water-table well, depth 46 ft; casing diameter 60 to 24 in.
DATUM.--Altitude of land-surface datum is 560 ft. Measuring point: Top of wooden well cover, 3.0 ft above land-surface datum.
PERIOD OF RECORD.--November 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.92 ft below land-surface datum, April 2, 1984; lowest measured dry on Dec. 2, 1957, Dec. 7, 1964, Dec. 6, 1965, Jan. 3, 1966, Feb. 2, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 12, 1952	40.65	OCT 02, 1959	41.63	AUG 02, 1965	39.36	JUL 25, 1973	33.28
FEB 11, 1953	31.50	NOV 02	40.05	SEP 03	41.57	SEP 11	34.34
20	31.45	DEC 03	39.00	30	42.90	OCT 26	36.08
APR 20	29.39	JAN 04, 1960	34.81	NOV 03	44.33	NOV 26	37.64
JUN 12	31.15	FEB 01	33.33	DEC 06	DRY	JAN 04, 1974	30.03
JUL 20	36.69	MAR 14	30.86	JAN 03, 1966	DRY	FEB 05	28.83
SEP 04	39.50	APR 04	29.32	FEB 02	DRY	MAR 11	32.70
23	40.40	MAY 02	31.25	MAR 03	39.63	APR 17	28.05
NOV 13	42.57	JUN 02	31.39	31	38.78	MAY 22	32.16
DEC 29	38.20	JUL 01	34.06	MAY 02	35.18	JUL 09	33.62
FEB 03, 1954	36.86	AUG 01	37.04	JUN 13	34.36	AUG 29	37.49
APR 20	36.20	SEP 07	36.32	JUL 25	38.47	OCT 18	36.18
JUN 21	36.73	OCT 03	35.87	SEP 10	41.73	NOV 13	37.88
JUL 30	39.70	NOV 01	38.13	OCT 14	37.73	DEC 31	32.48
SEP 29	42.90	DEC 05	38.89	17	37.90	JAN 30, 1975	28.89
NOV 23	45.35	JAN 04, 1961	37.61	NOV 28	38.57	MAR 05	29.28
DEC 30	43.49	FEB 01	34.02	JAN 12, 1967	33.13	APR 09	27.99
FEB 09, 1955	41.38	MAR 01	23.65	FEB 15	31.86	MAY 19	27.69
APR 05	33.31	APR 04	26.49	APR 03	28.07	JUL 18	29.35
JUN 07	37.69	MAY 03	31.80	MAY 08	33.17	AUG 25	33.51
JUL 14	38.75	JUN 05	32.98	JUL 06	37.00	OCT 14	27.72
SEP 13	35.43	JUL 05	34.98	AUG 09	36.28	NOV 18	29.94
OCT 12	37.90	AUG 02	36.51	29	29.46	DEC 17	32.10
NOV 01	38.03	SEP 05	38.58	OCT 10	34.80	30	31.81
DEC 01	38.89	OCT 05	40.16	NOV 17	37.18	FEB 03, 1976	27.01
JAN 04, 1956	40.40	30	41.54	JAN 05, 1968	32.10	MAR 10	31.44
FEB 01	39.36	DEC 07	43.14	11	32.52	APR 15	29.70
MAR 01	31.67	JAN 04, 1962	40.37	FEB 21	32.42	JUN 03	33.35
APR 02	29.65	FEB 07	37.80	MAR 06	33.94	JUL 23	33.50
MAY 04	33.57	MAR 05	30.97	APR 25	32.06	AUG 25	33.48
JUN 04	36.58	APR 02	28.24	JUN 04	32.98	OCT 08	30.82
JUL 09	37.87	MAY 01	29.76	JUL 24	33.00	NOV 15	29.52
AUG 06	35.98	JUN 06	33.38	SEP 05	37.28	FEB 17, 1977	35.65
SEP 10	38.49	JUL 05	34.01	OCT 21	39.14	MAR 24	30.93
OCT 01	39.19	AUG 01	36.58	DEC 04	34.68	MAY 05	31.52
NOV 05	36.74	SEP 04	39.54	30	34.54	JUN 16	35.90
DEC 03	37.32	OCT 09	41.96	JAN 19, 1969	35.90	JUL 27	38.25
JAN 02, 1957	34.38	NOV 08	43.70	FEB 24	33.51	AUG 26	39.28
FEB 11	30.02	DEC 03	41.99	MAR 27	30.83	OCT 19	41.50
MAR 13	29.55	JAN 07, 1963	41.42	MAY 14	33.88	NOV 21	35.42
APR 01	32.20	FEB 06	36.72	JUN 25	36.55	JAN 03, 1978	28.78
MAY 02	31.99	MAR 08	33.68	JUL 28	37.95	16	27.64
JUN 03	37.48	APR 01	30.34	SEP 03	36.21	MAR 02	31.01
JUL 08	37.37	MAY 08	34.86	OCT 30	37.15	28	24.48
30	39.09	JUN 06	36.30	DEC 23	35.57	MAY 01	31.04
SEP 13	42.42	JUL 01	36.87	JAN 05, 1970	32.20	JUN 08	28.80
OCT 02	43.30	31	39.76	FEB 23	26.57	20	32.03
NOV 07	45.08	SEP 04	41.35	APR 29	25.49	SEP 07	34.03
DEC 02	DRY	OCT 01	43.03	JUL 09	31.20	OCT 31	38.00
JAN 02, 1958	37.30	NOV 06	44.90	SEP 10	35.28	DEC 11	35.79
FEB 05	33.67	DEC 17	38.59	OCT 29	38.86	JAN 09, 1979	28.04
MAR 03	31.04	JAN 21, 1964	32.59	DEC 30	32.49	MAR 05	23.14
APR 01	23.62	FEB 18	29.38	MAR 04, 1971	25.20	APR 30	29.08
MAY 06	29.59	MAR 06	25.46	APR 27	27.15	JUL 16	30.03
JUN 02	31.35	APR 16	28.15	MAY 24	31.56	AUG 27	31.38
JUL 01	32.09	30	29.30	AUG 04	28.91	OCT 02	24.80
AUG 04	32.40	JUN 02	33.90	OCT 04	29.51	NOV 21	28.69
SEP 02	34.94	JUL 01	37.55	DEC 01	24.78	DEC 13	29.90
OCT 02	37.65	AUG 04	39.69	JAN 03, 1972	29.73	JAN 02, 1980	32.16
NOV 04	39.24	31	41.55	FEB 25	26.03	30	27.24
DEC 05	40.05	SEP 28	43.28	MAY 05	26.20	MAR 10	32.33
JAN 06, 1959	39.16	NOV 10	44.95	JUL 11	24.55	APR 23	26.40
FEB 02	37.87	DEC 07	DRY	SEP 05	34.07	MAY 28	27.76
MAR 02	35.25	JAN 05, 1965	43.97	OCT 18	37.68	JUL 14	32.94
31	34.10	FEB 01	36.39	DEC 07	32.17	AUG 27	35.50
MAY 07	32.70	MAR 09	28.98	JAN 22, 1973	29.75	OCT 08	39.20
JUN 01	34.94	APR 15	30.07	MAR 01	28.61	NOV 20	41.29
JUL 02	36.57	MAY 03	31.79	APR 06	25.62	DEC 11	39.84
AUG 03	42.80	JUN 04	35.12	MAY 03	24.32	JAN 05, 1981	41.42
31	39.02	30	35.97	JUN 14	28.18	27	42.18

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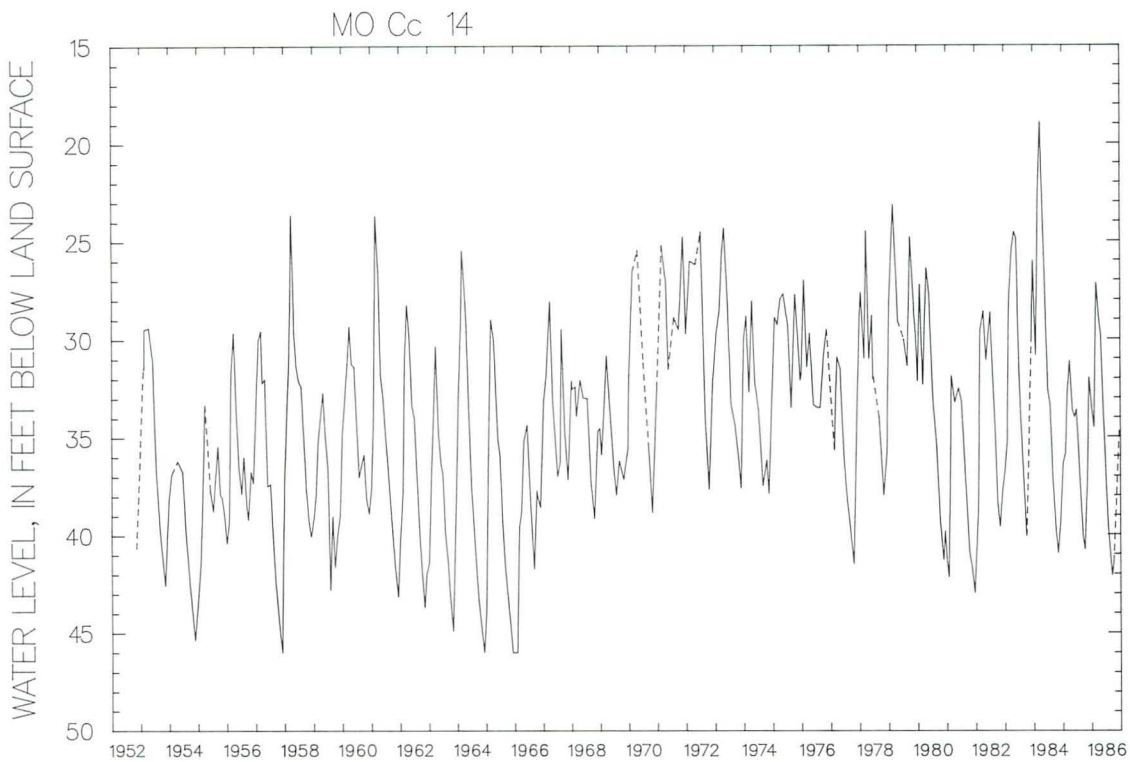
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 05, 1981	31.89	JAN 04, 1983	36.83	JUL 02, 1984	32.59	DEC 04, 1985	31.97
APR 16	33.24	FEB 02	35.34	31	33.36	JAN 08, 1986	33.58
JUN 04	32.52	MAR 04	27.79	AUG 31	37.07	FEB 04	34.52
JUL 09	33.19	APR 06	25.37	OCT 08	39.66	MAR 05	27.17
AUG 20	36.76	MAY 06	24.55	NOV 05	40.96	APR 04	28.82
OCT 14	40.96	JUN 01	24.86	DEC 05	39.43	MAY 02	29.84
NOV 18	41.74	JUL 06	31.58	JAN 08, 1985	36.38	JUN 03	33.95
DEC 18	42.98	AUG 01	34.61	FEB 06	35.88	JUL 07	37.63
FEB 01, 1982	38.92	SEP 01	37.29	MAR 05	32.69	29	39.53
MAR 03	29.58	OCT 06	40.09	APR 02	31.14	SEP 17	42.09
APR 14	28.60	DEC 09	29.90	MAY 07	33.64	OCT 06	41.43
MAY 18	31.10	27	26.03	JUN 03	34.01	DEC 17	34.74
JUL 08	28.65	FEB 01, 1984	30.87	28	33.61		
AUG 25	33.44	MAR 02	22.62	AUG 06	37.15		
OCT 06	38.40	APR 02	18.92	SEP 16	40.09		
NOV 05	39.60	MAY 02	23.81	OCT 09	40.78		
DEC 06	37.80	JUN 06	28.72	NOV 07	37.25		



WELL NUMBER.--MD Eh 20 SITE ID.--390434076573002
LOCATION.--Lat 39°04'34", long 76°57'30", Hydrologic Unit 02070010, at MD Rt. 196 and Fairland Rd., Fairland. Owner: Cities Service Oil Co.
AQUIFER.--Wissahickon Formation (lower pelitic schist).
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 102.9 ft; casing diameter 6 in. with depth to 50 ft; open hole.
DATUM.--Altitude of land-surface datum is 410 ft. Measuring point: Top of casing, at land-surface datum.
PERIOD OF RECORD.--March 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.39 ft below land-surface datum, June 25, 1972; lowest measured, 16.36 ft below land-surface datum, Oct. 29, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 11, 1955	12.61	JUL 28, 1961	13.41	JUL 26, 1967	13.24	APR 25, 1974	11.07
31	12.85	SEP 01	13.29	AUG 28	11.52	MAY 28	11.99
JUN 01	14.28	OCT 02	14.27	SEP 27	13.41	JUN 25	12.15
30	14.43	31	14.32	OCT 26	13.61	JUL 25	13.32
JUL 31	15.39	NOV 30	15.22	NOV 28	14.02	AUG 26	13.24
SEP 02	11.97	DEC 28	13.36	DEC 26	12.50	SEP 25	13.00
OCT 03	13.43	JAN 31, 1962	13.45	JAN 26, 1968	12.15	OCT 25	13.63
31	12.81	FEB 27	11.01	FEB 27	12.77	NOV 25	13.86
DEC 01	13.50	APR 07	10.68	MAR 26	11.16	DEC 26	12.34
30	13.29	MAY 01	11.86	APR 26	12.46	31	12.45
MAR 01, 1956	12.39	JUN 01	12.71	MAY 30	11.67	JAN 24, 1975	11.48
30	11.45	29	13.19	JUN 26	11.93	FEB 25	10.66
APR 30	12.55	JUL 31	13.90	JUL 26	12.54	MAR 25	9.99
MAY 31	13.35	AUG 31	14.69	AUG 26	13.62	APR 25	11.76
JUN 29	13.83	OCT 02	15.00	SEP 25	14.04	MAY 26	11.46
JUL 31	13.76	31	14.90	OCT 25	13.93	JUN 24	12.87
AUG 31	14.45	DEC 01	13.01	NOV 27	13.34	JUL 24	10.65
OCT 01	14.16	JAN 03, 1963	13.64	DEC 31	13.29	AUG 25	12.31
31	14.18	FEB 01	12.92	JAN 27, 1969	13.22	SEP 25	9.22
NOV 30	14.02	MAR 01	12.79	FEB 27	12.46	OCT 24	10.23
DEC 31	13.07	29	11.24	MAR 26	12.57	NOV 25	10.84
JAN 31, 1957	12.98	MAY 01	12.43	APR 24	13.08	DEC 24	11.84
MAR 01	11.82	29	13.19	MAY 26	13.75	30	11.02
APR 01	12.38	JUN 28	13.09	JUN 26	14.27	JAN 23, 1976	10.86
MAY 01	12.52	JUL 31	13.97	JUL 25	13.58	FEB 25	10.26
31	13.29	SEP 10	14.23	AUG 26	11.90	MAR 24	10.78
JUL 01	13.63	OCT 02	13.73	SEP 25	12.75	APR 21	11.37
31	14.36	DEC 02	11.93	OCT 27	13.44	MAY 25	12.02
AUG 30	14.94	30	12.95	NOV 26	13.45	JUN 25	12.37
SEP 30	14.66	FEB 03, 1964	10.94	DEC 29	11.75	JUL 23	12.68
NOV 01	14.91	28	10.10	JAN 26, 1970	12.02	AUG 18	12.62
29	14.55	APR 02	11.11	FEB 27	11.28	25	12.91
DEC 30	11.15	MAY 01	10.65	MAR 25	11.37	SEP 23	12.30
JAN 31, 1958	11.45	JUN 01	12.43	APR 27	10.07	OCT 26	9.91
FEB 28	9.99	29	13.12	MAY 27	11.34	NOV 24	11.83
APR 01	8.45	JUL 31	14.01	JUN 27	11.59	DEC 23	11.86
30	10.16	SEP 02	14.69	NOV 10	12.38	JAN 25, 1977	12.34
JUN 02	11.48	OCT 01	14.89	DEC 30	11.61	FEB 24	12.70
JUL 01	12.34	29	14.94	MAR 04, 1971	9.49	MAR 24	10.90
AUG 02	11.74	NOV 30	14.72	APR 27	11.66	APR 25	12.01
SEP 03	12.60	DEC 30	13.48	MAY 24	11.29	MAY 24	13.13
OCT 07	13.34	FEB 04, 1965	13.06	JUN 25	12.08	JUN 15	13.26
31	13.65	MAR 01	12.63	JUL 26	12.70	24	13.74
DEC 01	13.76	31	11.17	AUG 24	12.47	JUL 22	13.91
30	13.84	APR 30	12.36	OCT 04	11.14	AUG 24	14.20
JAN 30, 1959	13.23	JUN 01	13.23	NOV 10	10.72	SEP 26	14.88
MAR 02	13.13	29	13.96	24	11.30	OCT 27	13.39
31	13.12	JUL 30	14.67	DEC 27	10.91	NOV 23	13.00
APR 30	12.62	AUG 31	14.99	FEB 22, 1972	9.09	DEC 23	10.27
JUN 01	13.53	SEP 30	15.32	APR 24	8.83	JAN 26, 1978	8.04
AUG 03	13.98	NOV 01	15.19	JUN 25	4.39	FEB 22	11.12
SEP 01	14.45	DEC 01	15.35	JUL 25	9.86	MAR 23	9.74
FEB 01, 1960	13.52	29	15.47	AUG 25	11.31	APR 24	11.20
29	11.73	MAR 01, 1966	11.28	OCT 24	12.57	MAY 24	9.61
APR 04	11.21	APR 01	13.20	DEC 28	10.50	JUN 23	11.77
MAY 03	12.56	MAY 04	12.23	FEB 13, 1973	9.57	JUL 24	12.14
JUN 01	12.49	JUN 01	13.16	MAR 26	9.71	AUG 24	12.21
30	13.46	29	14.27	APR 02	8.08	SEP 25	13.13
AUG 02	13.47	AUG 01	15.61	24	9.89	OCT 25	13.33
31	13.25	30	16.28	MAY 29	9.69	NOV 22	13.77
OCT 03	12.84	SEP 30	13.25	JUN 26	12.14	DEC 26	11.71
NOV 02	13.54	NOV 01	12.62	JUL 25	11.39	JAN 25, 1979	9.33
30	13.89	30	13.02	AUG 24	11.35	FEB 22	11.26
DEC 30	13.76	DEC 31	12.15	SEP 24	11.71	MAR 26	9.87
FEB 01, 1961	12.94	FEB 01, 1967	12.33	OCT 24	12.53	APR 25	10.54
MAR 01	9.58	27	11.88	NOV 26	12.71	MAY 24	11.29
31	10.62	MAR 31	11.22	DEC 26	10.41	JUN 25	11.27
MAY 05	11.39	MAY 01	12.33	JAN 25, 1974	10.01	JUL 25	11.97
29	11.93	JUN 02	12.69	FEB 25	11.05	AUG 22	11.99
JUN 29	12.74	26	13.42	MAR 25	11.59	SEP 25	10.27

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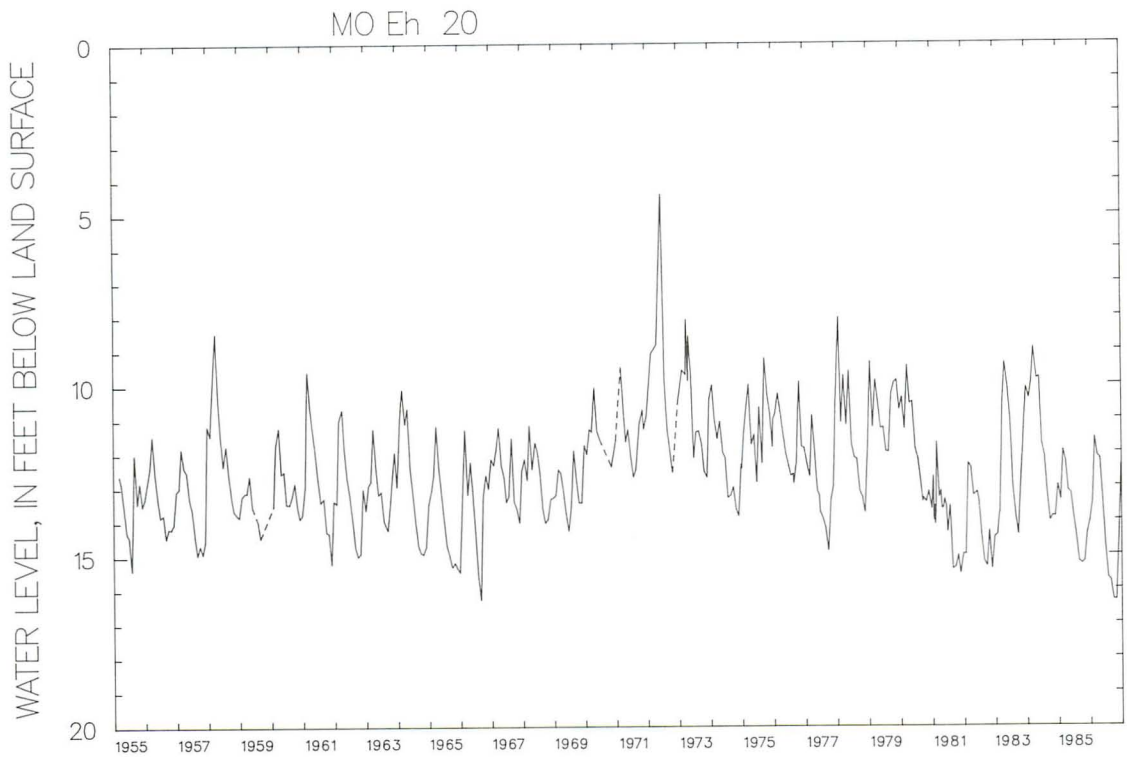
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25, 1979	9.97	JUN 15, 1981	13.58	APR 27, 1983	9.38	MAY 28, 1985	13.23
NOV 26	9.88	29	14.33	MAY 31	10.15	JUN 25	13.88
DEC 26	10.74	JUL 29	13.57	JUN 27	11.00	JUL 26	14.46
JAN 24, 1980	10.38	AUG 28	15.44	JUL 27	13.00	AUG 26	15.22
FEB 22	11.31	SEP 29	15.37	AUG 30	13.90	OCT 01	15.29
MAR 26	9.46	OCT 28	15.02	SEP 26	14.42	31	15.20
APR 24	10.56	NOV 23	15.56	OCT 27	12.81	NOV 28	14.40
MAY 23	10.52	DEC 28	14.99	NOV 28	11.38	DEC 27	14.06
JUN 24	11.90	JAN 27, 1982	14.99	DEC 27	10.10	JAN 30, 1986	13.48
JUL 24	12.17	28	14.66	JAN 31, 1984	10.42	FEB 28	11.57
AUG 26	12.88	FEB 26	12.32	FEB 27	9.93	MAR 27	12.12
SEP 17	13.45	MAR 29	12.47	MAR 26	8.94	APR 29	12.21
26	13.34	APR 26	13.28	MAY 01	9.86	MAY 29	13.39
OCT 27	13.46	JUN 08	13.17	30	9.81	JUN 27	14.73
NOV 25	13.15	28	13.44	JUN 26	11.74	JUL 29	15.70
DEC 29	13.67	JUL 27	14.42	JUL 27	12.13	AUG 27	15.79
JAN 16, 1981	12.71	AUG 26	15.20	AUG 29	13.29	SEP 29	16.34
22	13.90	SEP 27	15.35	SEP 26	14.03	OCT 29	16.36
FEB 04	13.57	OCT 26	14.30	OCT 26	13.89	DEC 03	14.22
07	14.12	NOV 24	15.43	NOV 26	13.90	29	12.40
MAR 26	13.32	DEC 27	14.49	DEC 27	12.97		
APR 15	13.13	JAN 27, 1983	14.42	JAN 28, 1985	13.42		
27	13.66	FEB 17	13.83	FEB 26	11.94		
MAY 14	13.62	25	13.78	MAR 27	12.28		
27	13.38	MAR 30	10.55	APR 26	13.14		

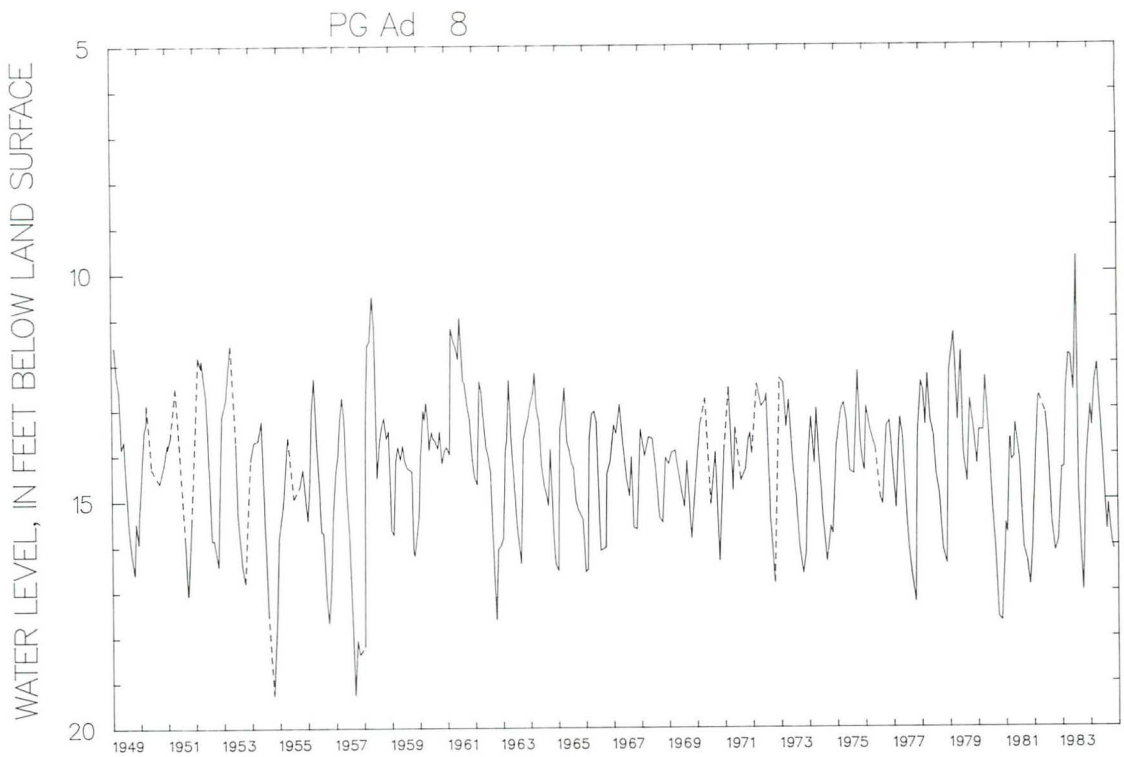


WELL NUMBER.--PG Ad 8 SITE ID.--390628076511001
LOCATION.--Lat 39°06'28", long 76°51'10", Hydrologic Unit 02060006, 605 1/2 Main St., Laurel, Md.
Owner: Francis Gosnell.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Dug unused water-table well, depth 35.2 ft; diameter 48 in.
DATUM.--Altitude of land-surface datum is 178.5 ft. Measuring point: Edge of manhole cover at land-surface datum.
REMARKS.--Well destroyed December 1984.
PERIOD OF RECORD.--February 1949 to November 1984
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.67 ft below land-surface datum, July 22, 1983; lowest measured, 19.27 ft below land-surface datum, Sept. 4, 1957.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 09, 1949	11.59	DEC 05, 1956	15.32	APR 25, 1962	13.07	FEB 13, 1969	13.96
MAR 03	12.14	JAN 07, 1957	14.40	JUN 06	13.82	APR 03	13.91
APR 07	12.60	FEB 08	13.98	JUL 03	14.01	MAY 06	14.31
MAY 04	13.85	MAR 05	13.22	AUG 02	14.36	JUN 16	14.74
JUN 07	13.67	APR 03	12.72	SEP 05	16.17	JUL 29	15.15
JUL 05	14.55	MAY 01	13.23	OCT 10	17.60	SEP 02	14.13
AUG 11	15.63	28	14.67	NOV 06	16.06	OCT 30	15.84
SEP 12	16.18	JUL 02	15.63	DEC 14	15.97	DEC 23	14.62
OCT 20	16.60	AUG 07	17.57	JAN 14, 1963	15.81	FEB 23, 1970	13.33
NOV 13	15.47	SEP 04	19.27	FEB 14	13.94	APR 30	12.77
DEC 15	15.92	OCT 08	18.06	MAR 06	13.63	JUL 09	15.09
28	15.29	NOV 08	18.37	APR 03	12.34	SEP 09	13.94
JAN 04, 1950	15.09	JAN 14, 1958	18.18	MAY 01	13.63	OCT 29	16.33
FEB 10	14.05	FEB 05	13.14	JUN 04	14.48	DEC 30	13.93
MAR 03	13.47	MAR 05	11.57	JUL 17	15.57	MAR 04, 1971	12.53
28	13.28	APR 03	11.47	SEP 04	16.38	APR 27	14.79
APR 03	12.86	MAY 07	10.51	OCT 14	13.65	MAY 25	13.41
JUN 07	14.28	JUN 03	11.16	DEC 14	13.17	AUG 06	14.57
SEP 19	14.60	JUL 01	14.50	JAN 07, 1964	12.90	OCT 05	14.32
NOV 17	14.21	AUG 08	13.67	FEB 14	12.64	NOV 11	13.69
DEC 31	13.75	SEP 05	13.36	MAR 11	12.19	DEC 06	13.53
JAN 03, 1951	13.84	OCT 01	13.17	31	12.97	28	13.98
FEB 09	13.61	NOV 04	13.63	MAY 07	13.29	MAR 06, 1972	12.45
APR 20	12.50	DEC 03	13.46	JUN 05	14.20	MAY 03	12.95
AUG 20	15.77	JAN 06, 1959	15.63	JUL 07	14.66	JUN 26	12.81
SEP 22	17.06	FEB 04	15.74	AUG 11	14.90	JUL 06	12.67
26	17.05	MAR 04	14.14	SEP 02	15.11	AUG 25	15.40
NOV 15	15.48	APR 01	13.81	OCT 02	13.87	OCT 17	16.81
FEB 15, 1952	11.84	MAY 06	14.09	NOV 13	15.90	DEC 28	12.33
MAR 24	12.06	JUN 05	13.78	DEC 03	16.37	FEB 12, 1973	12.43
31	11.90	30	14.12	JAN 08, 1965	16.53	MAR 20	13.40
MAY 26	12.71	AUG 04	14.28	FEB 05	13.42	APR 24	12.81
JUL 18	14.84	SEP 02	14.31	MAR 05	13.16	JUN 19	14.31
AUG 09	15.85	30	14.35	APR 07	12.51	JUL 26	14.91
SEP 02	15.85	OCT 20	16.12	MAY 07	13.70	SEP 04	16.00
OCT 29	16.42	NOV 03	16.19	JUN 04	13.88	OCT 23	16.61
DEC 19	13.14	16	16.00	JUL 08	14.19	NOV 27	16.15
FEB 10, 1953	12.76	DEC 11	15.66	AUG 01	14.27	JAN 02, 1974	14.05
MAR 18	12.07	30	15.37	SEP 03	15.00	FEB 04	13.18
APR 17	11.56	JAN 25, 1960	13.99	OCT 01	15.19	MAR 20	14.20
JUN 19	13.73	FEB 08	13.67	27	15.28	APR 17	12.99
JUL 15	15.30	26	13.01	DEC 02	15.42	MAY 20	14.04
SEP 03	16.39	MAR 16	13.22	JAN 04, 1966	16.56	JUL 08	15.36
OCT 13	16.79	APR 06	12.84	FEB 03	16.50	AUG 26	16.35
DEC 29	14.10	27	13.18	MAR 02	13.64	OCT 17	15.58
FEB 09, 1954	13.70	MAY 17	13.88	APR 01	13.10	NOV 12	15.74
APR 06	13.66	JUN 01	13.66	MAY 04	13.04	DEC 31	13.84
MAY 18	13.24	20	13.49	JUN 03	13.29	JAN 27, 1975	13.45
JUL 01	15.41	JUL 05	13.62	JUL 22	16.10	MAR 03	13.03
AUG 07	17.41	AUG 02	13.68	SEP 28	16.02	APR 07	12.87
OCT 13	19.26	SEP 09	13.85	OCT 18	14.41	MAY 12	13.25
NOV 29	17.53	30	13.47	NOV 30	14.15	JUN 23	14.37
DEC 29	15.82	NOV 02	14.17	JAN 18, 1967	13.35	AUG 15	14.43
FEB 24, 1955	15.13	DEC 06	13.89	FEB 16	13.54	OCT 06	12.17
APR 27	13.60	JAN 03, 1961	13.82	APR 03	12.89	NOV 10	13.78
JUL 12	14.95	FEB 08	13.98	MAY 10	13.64	DEC 15	14.27
SEP 28	14.68	MAR 03	11.20	JUL 05	14.56	30	14.36
NOV 08	14.30	APR 05	11.46	AUG 08	14.91	JAN 21, 1976	12.95
DEC 05	14.82	MAY 08	11.62	SEP 06	14.04	MAR 08	13.42
JAN 11, 1956	15.42	JUN 05	11.88	OCT 04	15.59	APR 22	13.72
FEB 06	14.56	28	10.97	NOV 14	15.63	MAY 20	13.87
29	13.07	AUG 07	12.36	JAN 04, 1968	13.44	JUL 22	14.95
APR 03	12.30	29	12.43	FEB 26	14.03	AUG 20	15.10
MAY 02	13.62	SEP 29	12.89	APR 19	13.61	OCT 12	13.38
JUN 06	14.61	NOV 01	13.22	JUN 05	13.65	NOV 19	13.27
JUL 03	15.66	DEC 06	14.08	JUL 15	14.23	DEC 28	14.10
AUG 01	15.70	JAN 03, 1962	14.48	SEP 06	15.37	FEB 11, 1977	15.18
SEP 05	17.10	FEB 07	14.64	OCT 16	15.49	APR 04	13.21
OCT 03	17.67	MAR 12	12.37	NOV 26	14.06	MAY 11	13.61
31	17.00	APR 06	12.60	JAN 06, 1969	14.21	JUN 21	15.05

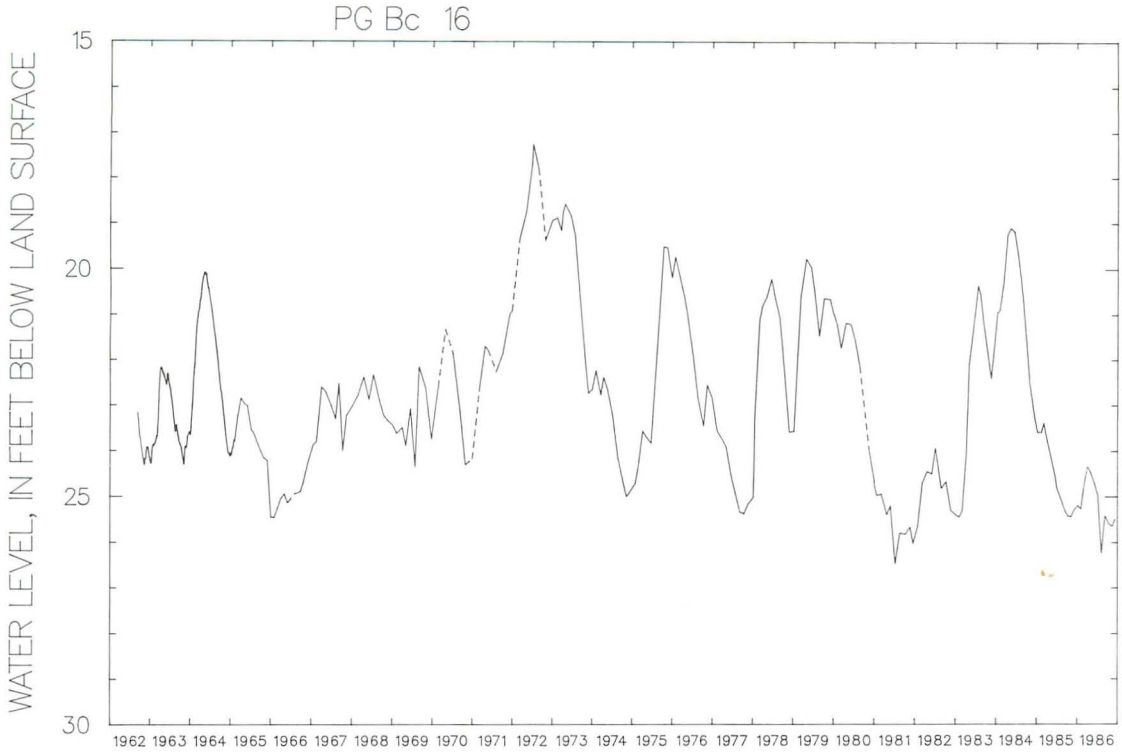
-- CONTINUED PG Ad 8

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 25, 1977	16.02	AUG 24, 1979	14.62	MAY 16, 1981	13.34	JUN 09, 1983	12.62
AUG 29	16.59	OCT 02	12.81	JUL 10	14.13	JUL 22	9.67
OCT 19	17.24	NOV 21	13.46	AUG 24	16.04	AUG 11	14.74
NOV 21	13.53	DEC 27	14.15	OCT 08	16.35	SEP 09	16.13
JAN 05, 1978	12.41	JAN 02, 1980	14.22	NOV 13	16.87	OCT 04	17.00
FEB 02	12.62	29	13.48	DEC 17	15.93	NOV 18	14.20
27	13.36	MAR 20	13.49	JAN 28, 1982	14.23	JAN 13, 1984	12.95
MAR 30	12.25	APR 18	12.30	MAR 09	12.76	FEB 03	13.40
MAY 01	13.23	JUN 05	13.55	19	12.72	MAR 09	12.41
JUN 19	13.62	JUL 18	15.10	JUN 11	13.12	APR 12	12.03
JUL 19	14.43	AUG 27	16.23	JUL 06	13.59	MAY 10	12.81
AUG 30	14.91	OCT 01	17.57	AUG 27	15.50	JUN 13	13.76
OCT 11	16.08	NOV 10	17.66	OCT 04	16.14	AUG 10	15.67
NOV 27	16.40	DEC 29	15.88	NOV 16	15.89	31	15.11
JAN 08, 1979	12.12	JAN 05, 1981	15.52	JAN 05, 1983	14.33	OCT 11	15.92
MAR 08	11.33	26	15.73	FEB 04	14.29	NOV 02	16.10
APR 26	13.27	MAR 05	13.67	MAR 03	12.60		
JUN 07	11.74	16	13.67	APR 06	11.81		
JUL 11	14.00	APR 28	14.07	MAY 03	11.86		



WELL NUMBER.--PG Bc 16 SITE ID.--390151076561501.
LOCATION.--Lat 39°01'51", long 76°56'15", Hydrologic Unit 02070010, at National Agricultural Research Center, Beltsville.
Owner: U.S. Department of Agriculture.
AQUIFER.--Patuxent Formation.
WELL CHARACTERISTICS.--Dug brick-lined unused water-table well, measured depth 27.4 ft; casing diameter 40 in.
DATUM.--Altitude of land-surface datum is 190 ft. Measuring point: Top of steel cover, 0.1 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder Oct. 31, 1962 to Feb. 9, 1965.
PERIOD OF RECORD.--September 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.26 ft below land-surface datum, July 6, 1972; lowest measured, 26.46 ft below land-surface datum, July 8, 1981.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 12, 1962	23.17	OCT 27, 1965	24.15	JAN 02, 1974	22.64	MAR 05, 1981	24.93
28	23.64	DEC 02	24.22	FEB 04	22.23	APR 24	25.39
OCT 31	24.19	JAN 04, 1966	25.45	MAR 20	22.77	MAY 26	25.19
NOV 01	24.17	FEB 03	25.46	APR 15	22.38	JUL 08	26.46
15	24.21	MAR 02	25.27	MAY 20	22.65	AUG 19	25.79
DEC 01	23.94	APR 01	25.06	JUL 08	23.24	OCT 08	25.82
16	23.95	MAY 04	24.94	AUG 26	24.16	NOV 20	25.66
JAN 01, 1963	24.20	JUN 03	25.14	OCT 17	24.75	DEC 16	26.02
16	24.14	AUG 05	24.94	NOV 13	25.00	JAN 27, 1982	25.64
FEB 01	23.87	SEP 27	24.89	JAN 02, 1975	24.81	MAR 08	24.70
14	23.85	OCT 18	24.72	30	24.71	APR 20	24.44
MAR 01	23.71	NOV 30	24.27	MAR 03	24.26	JUN 02	24.49
16	23.35	JAN 18, 1967	23.87	APR 07	23.56	JUL 03	23.93
APR 01	22.38	FEB 16	23.80	MAY 04	23.67	AUG 27	24.81
15	22.18	APR 03	22.60	JUN 23	23.83	OCT 07	24.66
MAY 01	22.29	MAY 10	22.71	AUG 20	21.66	NOV 19	25.29
16	22.40	JUN 26	22.99	OCT 14	19.51	JAN 05, 1983	25.39
JUN 01	22.55	AUG 08	23.30	NOV 17	19.53	FEB 04	25.44
15	22.33	SEP 06	22.52	DEC 19	20.05	MAR 03	25.30
JUL 01	22.60	OCT 12	24.00	30	20.18	APR 08	24.03
16	22.84	NOV 14	23.23	JAN 28, 1976	19.73	MAY 03	22.08
AUG 01	23.15	JAN 04, 1968	23.03	MAR 11	20.18	JUN 09	21.32
16	23.50	FEB 26	22.78	APR 22	20.63	JUL 22	20.35
SEP 01	23.44	APR 19	22.38	MAY 24	21.10	AUG 11	20.54
15	23.67	JUN 05	22.88	JUL 12	21.97	SEP 09	21.14
OCT 01	23.85	JUL 15	22.33	AUG 23	22.85	OCT 04	21.61
16	23.98	SEP 06	22.88	OCT 12	23.45	NOV 18	22.40
NOV 01	24.23	OCT 15	23.22	NOV 15	22.55	JAN 13, 1984	20.95
15	23.96	NOV 21	23.34	DEC 28	22.84	FEB 03	20.89
DEC 01	23.91	JAN 06, 1969	23.44	FEB 11, 1977	23.55	MAR 09	20.27
07	23.76	FEB 10	23.62	MAR 31	23.75	APR 12	19.24
JAN 03, 1964	23.65	APR 03	23.49	MAY 05	23.91	MAY 10	19.09
20	23.03	MAY 05	23.89	JUN 16	24.50	JUN 13	19.17
FEB 01	22.49	JUN 16	23.07	AUG 01	24.97	JUL 13	19.63
09	22.21	JUL 29	24.35	SEP 06	25.33	AUG 10	20.16
MAR 01	21.31	SEP 02	22.15	OCT 13	25.37	31	20.64
16	20.96	OCT 31	22.62	NOV 17	25.17	OCT 11	21.86
APR 01	20.69	DEC 23	23.74	JAN 05, 1978	25.01	NOV 02	22.54
15	20.39	FEB 23, 1970	22.59	19	23.25	DEC 13	23.24
MAY 01	20.17	APR 30	21.33	MAR 02	21.13	JAN 11, 1985	23.58
16	20.12	JUL 09	21.87	27	20.80	FEB 14	23.58
JUN 01	20.26	SEP 09	23.12	MAY 04	20.61	MAR 07	23.38
08	20.37	OCT 29	24.31	JUN 16	20.21	APR 05	23.74
JUL 07	20.77	DEC 31	24.17	JUL 20	20.63	MAY 10	24.12
19	20.96	MAR 04, 1971	22.69	AUG 30	21.06	JUN 14	24.51
AUG 01	21.22	APR 27	21.70	OCT 16	22.32	JUL 03	24.81
16	21.48	MAY 24	21.79	NOV 27	23.58	AUG 01	24.99
SEP 01	21.82	AUG 06	22.26	JAN 08, 1979	23.57	SEP 12	25.28
15	22.16	OCT 05	21.86	MAR 08	20.61	OCT 10	25.41
OCT 01	22.57	DEC 06	21.00	APR 26	19.77	NOV 07	25.43
16	22.82	28	20.91	JUN 10	19.96	DEC 04	25.28
NOV 01	23.20	MAR 07, 1972	19.32	JUL 09	20.46	JAN 08, 1986	25.18
15	23.53	MAY 03	18.76	AUG 24	21.47	FEB 04	25.26
DEC 01	23.86	JUN 26	17.71	OCT 05	20.64	MAR 05	24.72
16	24.05	JUL 06	17.26	NOV 27	20.66	APR 04	24.32
JAN 01, 1965	24.08	AUG 25	17.81	DEC 28	20.98	MAY 02	24.45
16	23.98	OCT 27	19.38	JAN 02, 1980	20.99	JUN 03	24.67
FEB 01	23.79	DEC 28	18.94	29	21.21	JUL 07	24.96
04	23.77	FEB 12, 1973	18.88	MAR 07	21.73	AUG 08	26.23
MAR 05	23.31	MAR 21	19.16	APR 18	21.18	SEP 10	25.40
APR 07	22.84	APR 06	18.75	JUN 03	21.21	OCT 17	25.59
MAY 07	22.97	24	18.58	JUL 10	21.57	NOV 14	25.64
JUN 04	23.02	JUN 18	18.84	AUG 22	22.15	DEC 05	25.50
JUL 08	23.54	JUL 26	19.25	NOV 17	24.01		
AUG 01	23.62	SEP 16	20.79	DEC 29	24.62		
SEP 03	23.84	OCT 31	22.05	JAN 05, 1981	24.78		
OCT 01	24.00	NOV 27	22.74	23	24.97		


PG Bc 16
WATER LEVEL, IN FEET BELOW LAND SURFACE
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25
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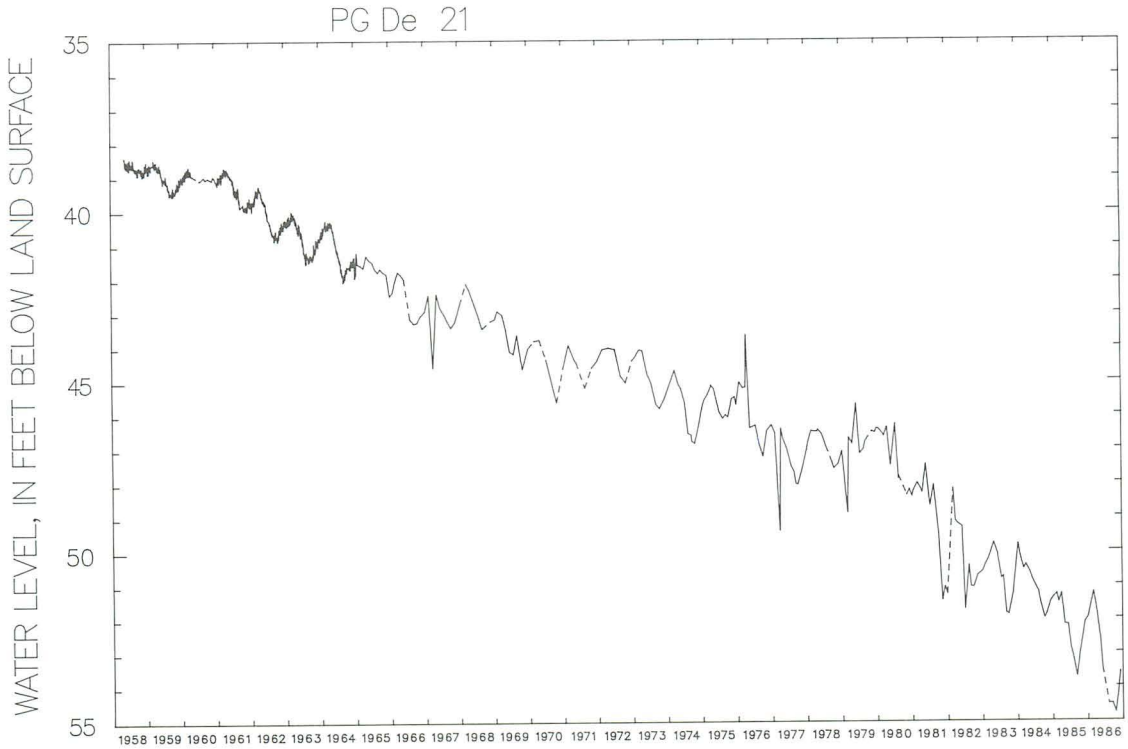
1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--PG De 21 SITE ID.--385130076465501 PERMIT NUMBER.--PG-02-2875
LOCATION.--Lat 38°51'30", long 76°46'55", Hydrologic Unit 02060006, Agricultural Experiment Station Southern Maryland Research & Educational Facility at Oak Grove.
Owner: University of Maryland.
AQUIFER.--Magothy Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 155 ft; casing diameter 6 in. with depth to 150 ft; screen diameter 6 in. from 150 to 155 ft.
DATUM.--Altitude of land-surface datum is 96 ft. Measuring point: Top of casing, 0.9 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder May 26, 1958 to Jan. 27, 1965.
PERIOD OF RECORD.--May 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.34 ft below land-surface datum, May 29, 1958 and May 29, 1958; lowest measured, 54.77 ft below land-surface datum, Oct. 17, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 26, 1958	38.39	AUG 01, 1961	39.33	AUG 01, 1964	41.46	FEB 25, 1972	44.06
28	38.40	16	39.39	16	41.74	MAY 03	44.01
JUN 01	38.42	SEP 01	39.51	SEP 01	41.84	JUL 07	44.06
15	38.50	15	39.38	15	41.96	SEP 05	44.84
JUL 01	38.72	NOV 01	39.76	OCT 01	41.78	OCT 27	45.04
16	38.64	15	39.92	10	41.75	JAN 03, 1973	44.40
AUG 01	38.56	DEC 01	39.91	NOV 12	41.59	FEB 13	44.25
16	38.61	16	39.95	19	41.60	MAR 21	44.07
SEP 01	38.53	JAN 01, 1962	39.79	DEC 02	41.59	APR 24	44.10
15	38.74	16	39.74	16	41.47	JUN 14	44.79
OCT 01	38.77	FEB 01	39.98	JAN 01, 1965	41.40	JUL 24	45.05
16	38.83	14	39.71	14	41.84	SEP 11	45.67
NOV 01	38.75	MAR 01	39.71	FEB 04	41.51	OCT 19	45.81
15	38.77	16	39.45	MAR 04	41.55	DEC 10	45.52
DEC 01	38.87	APR 01	39.41	APR 06	41.63	28	45.38
16	38.84	15	39.27	MAY 06	41.27	FEB 22, 1974	44.95
JAN 01, 1959	38.80	MAY 01	39.39	JUN 03	41.39	MAR 27	44.68
16	38.51	16	39.58	JUL 07	41.46	MAY 06	45.09
FEB 01	38.84	JUN 01	39.65	31	41.64	JUN 03	45.23
14	38.69	15	39.73	SEP 02	41.77	JUL 12	45.65
MAR 01	38.71	JUL 01	39.95	30	41.65	AUG 14	46.54
04	38.71	07	40.07	OCT 26	41.75	SEP 17	46.60
APR 01	38.58	AUG 01	40.28	DEC 02	41.82	23	46.77
15	38.60	16	40.48	JAN 04, 1966	42.46	OCT 22	46.84
MAY 01	38.61	SEP 01	40.66	FEB 03	42.35	DEC 05	46.31
16	38.70	15	40.69	MAR 02	42.02	JAN 03, 1975	45.86
JUN 01	38.77	OCT 01	40.77	APR 01	41.75	30	45.57
15	38.74	16	40.75	MAY 04	41.84	MAR 06	45.41
JUL 01	38.97	NOV 01	40.76	JUN 02	41.96	APR 09	45.19
16	39.01	15	40.58	AUG 04	43.14	11	45.12
AUG 01	39.02	DEC 01	40.55	SEP 15	43.28	MAY 13	45.23
16	39.13	16	40.37	OCT 17	43.24	JUL 08	45.92
SEP 01	39.28	JAN 01, 1963	40.26	NOV 17	43.07	AUG 13	46.11
15	39.34	16	40.39	JAN 05, 1967	42.91	SEP 12	46.00
OCT 01	39.44	FEB 01	40.33	FEB 15	42.43	OCT 07	46.07
16	39.45	14	40.16	MAR 30	44.58	NOV 17	45.52
NOV 01	39.40	MAR 01	40.26	MAY 11	42.39	DEC 16	45.47
15	39.45	16	40.23	JUN 14	42.79	31	45.70
DEC 01	39.32	APR 01	40.22	JUL 27	43.00	FEB 02, 1976	45.03
16	39.26	15	40.14	SEP 14	43.28	MAR 10	45.21
JAN 01, 1960	39.20	MAY 01	40.20	OCT 10	43.40	APR 07	45.19
16	39.00	16	40.46	NOV 20	43.23	13	43.64
FEB 01	39.05	JUN 01	40.65	JAN 12, 1968	42.72	MAY 21	46.39
15	38.98	16	40.53	MAR 18	42.10	JUL 20	46.31
MAR 01	39.03	JUL 01	40.59	APR 24	42.32	AUG 26	46.85
16	38.92	16	40.88	JUN 10	42.69	SEP 14	47.02
APR 01	38.82	AUG 01	41.20	JUL 19	43.01	OCT 07	47.23
15	38.81	16	41.50	SEP 03	43.44	NOV 16	46.48
MAY 01	38.86	SEP 01	41.30	DEC 02	43.21	JAN 03, 1977	46.30
02	38.90	15	41.46	JAN 13, 1969	43.15	FEB 08	46.54
JUL 27	39.06	OCT 01	41.29	FEB 11	42.91	MAR 29	49.40
AUG 02	39.08	16	41.37	APR 03	43.03	APR 11	46.40
SEP 14	38.96	NOV 01	41.34	MAY 07	43.43	MAY 03	46.71
30	39.04	15	41.14	JUN 20	44.11	JUN 14	47.02
OCT 28	38.99	DEC 01	40.95	JUL 30	44.18	JUL 27	47.52
DEC 07	39.06	13	40.87	SEP 05	43.62	AUG 24	47.67
19	38.94	JAN 06, 1964	40.81	NOV 01	44.63	SEP 15	48.03
JAN 03, 1961	38.99	18	40.65	DEC 31	44.02	OCT 04	48.05
FEB 02	39.21	FEB 01	40.68	MAR 05, 1970	43.80	NOV 15	47.64
15	39.04	07	40.44	MAY 01	43.77	JAN 04, 1978	47.04
MAR 01	39.04	MAR 10	40.25	JUL 09	44.36	23	46.77
16	39.00	14	40.53	SEP 03	45.00	FEB 22	46.48
APR 01	38.81	APR 01	40.44	OCT 27	45.61	MAR 22	46.50
15	38.74	15	40.36	JAN 05, 1971	44.61	APR 25	46.50
MAY 01	38.80	MAY 01	40.34	MAR 05	43.92	MAY 02	46.45
16	38.76	16	40.45	MAY 05	44.36	JUN 13	46.59
JUN 01	38.92	JUN 01	40.65	26	44.45	JUL 26	46.94
15	38.97	15	40.82	AUG 24	45.19	SEP 28	47.42
JUL 01	39.02	JUL 01	41.13	NOV 02	44.61	OCT 17	47.59
16	39.04	16	41.27	JAN 03, 1972	44.39	NOV 29	47.46

— CONTINUED PG De 21

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 08, 1979	47.08	MAR 02, 1981	48.02	MAY 03, 1983	49.77	MAY 10, 1985	52.19
MAR 06	48.89	APR 01	48.18	JUN 09	50.08	JUN 14	52.20
21	46.68	20	48.31	JUL 22	50.83	JUL 11	52.86
APR 24	46.87	MAY 26	47.47	AUG 11	50.76	AUG 01	53.11
JUN 05	45.68	JUL 10	48.69	SEP 09	51.84	SEP 12	53.73
JUL 12	47.16	AUG 17	48.09	OCT 04	51.89	OCT 10	53.06
AUG 20	47.02	OCT 07	49.52	NOV 18	51.27	NOV 15	52.47
SEP 07	46.80	NOV 12	51.47	JAN 13, 1984	49.80	DEC 04	52.13
NOV 14	46.50	DEC 09	51.05	FEB 03	50.17	JAN 08, 1986	51.97
DEC 17	46.54	JAN 02, 1982	51.28	MAR 09	50.55	FEB 04	51.61
JAN 02, 1980	46.42	MAR 08	48.18	APR 02	50.42	MAR 06	51.23
22	46.43	31	49.13	MAY 14	50.65	APR 04	51.71
MAR 11	46.60	APR 21	49.21	JUN 13	50.89	MAY 16	52.62
19	46.65	JUN 09	49.31	JUL 13	51.06	JUN 06	53.49
APR 21	46.37	JUL 05	51.73	AUG 10	51.22	AUG 08	54.53
MAY 27	47.51	AUG 18	50.43	28	51.53	SEP 16	54.52
JUL 14	46.28	SEP 08	51.06	OCT 11	52.00	OCT 17	54.77
AUG 18	47.90	OCT 06	51.07	NOV 01	51.89	NOV 14	54.20
21	47.82	NOV 16	50.73	DEC 13	51.51	DEC 05	53.59
NOV 12	48.38	JAN 05, 1983	50.61	JAN 11, 1985	51.38		
DEC 09	48.21	FEB 04	50.41	FEB 14	51.28		
JAN 05, 1981	48.42	MAR 03	50.27	MAR 07	51.53		
19	48.25	APR 08	49.99	APR 05	51.28		

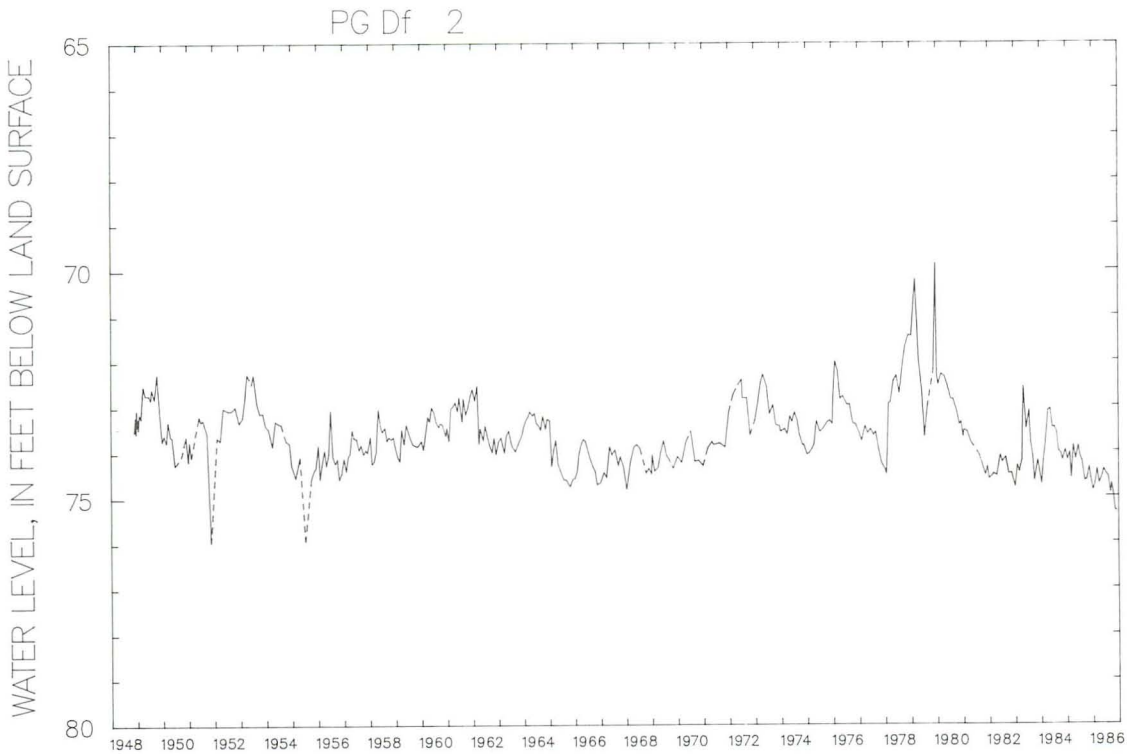


WELL NUMBER.--PG Df 2 SITE ID.--385152076431301
LOCATION.--Lat 38°51'52",long 76°43'13", Hydrologic Unit 02060006, nr Leeland.
Owner: A. R. Rogers.
AQUIFER.--Nanjemoy Formation.
WELL CHARACTERISTICS.--Dug unused artesian well, depth 81.5 ft; diameter of concrete-ring lining 48 in.
DATUM.--Altitude of land-surface datum is 145 ft. Measuring point: Edge of steel cover, 3.0 ft below land-surface datum.
PERIOD OF RECORD.--November 1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 69.87 ft below land-surface datum, Dec. 17, 1979; lowest measured, 75.96 ft below land-surface datum, Nov. 19, 1951.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 30, 1948	73.51	AUG 01, 1956	74.06	JUL 03, 1962	73.40	MAY 07, 1969	74.01
DEC 13	73.20	SEP 05	74.23	AUG 01	73.61	JUN 19	73.74
24	73.55	OCT 03	74.12	SEP 04	73.83	JUL 30	74.07
JAN 07, 1949	73.40	31	74.58	OCT 09	73.98	SEP 05	74.16
17	73.24	DEC 05	74.44	NOV 05	73.66	NOV 01	74.36
FEB 08	73.13	JAN 07, 1957	74.11	DEC 03	74.03	DEC 31	74.09
MAR 04	73.22	FEB 08	74.40	JAN 08, 1963	73.75	FEB 28, 1970	74.23
APR 06	72.51	MAR 05	74.07	FEB 13	73.66	MAY 01	73.77
MAY 03	72.71	APR 03	74.00	MAR 05	73.82	JUL 09	73.53
JUN 28	72.72	MAY 01	73.48	APR 02	73.99	SEP 03	74.20
JUL 21	72.83	28	73.66	30	73.62	OCT 27	74.18
AUG 02	72.57	JUL 02	73.68	JUN 03	73.51	DEC 29	74.30
SEP 13	72.80	AUG 07	73.93	JUL 16	73.84	MAR 05, 1971	73.91
OCT 19	72.25	SEP 04	73.81	SEP 03	73.97	MAY 05	73.76
NOV 30	73.17	OCT 08	74.02	OCT 12	73.82	24	73.83
DEC 29	73.73	NOV 08	73.92	DEC 10	73.59	AUG 24	73.80
JAN 24, 1950	73.59	DEC 04	73.98	JAN 06, 1964	73.41	NOV 02	73.89
FEB 28	73.76	JAN 14, 1958	73.63	FEB 10	73.26	DEC 27	73.12
MAR 23	73.29	FEB 05	74.24	MAR 10	73.20	FEB 29, 1972	72.73
APR 26	73.62	MAR 05	74.18	30	73.09	MAY 03	72.53
MAY 19	73.64	APR 03	73.97	MAY 06	73.19	JUN 26	72.40
JUN 28	74.26	MAY 07	73.03	JUN 04	73.13	JUL 07	72.81
SEP 27	74.06	JUN 03	73.37	JUL 01	73.34	SEP 05	72.81
NOV 30	73.63	JUL 01	73.53	AUG 10	73.42	OCT 21	73.63
JAN 02, 1951	74.18	AUG 08	73.43	SEP 01	73.50	DEC 29	73.31
17	73.74	SEP 05	73.73	OCT 01	73.19	FEB 13, 1973	72.90
FEB 13	74.09	OCT 01	73.64	NOV 12	73.48	MAR 21	72.49
JUN 04	73.19	NOV 04	73.69	DEC 02	73.26	APR 24	72.29
JUL 02	73.30	DEC 03	73.64	JAN 07, 1965	73.29	JUN 14	72.55
30	73.26	JAN 06, 1959	73.90	FEB 04	74.30	JUL 24	73.17
SEP 24	73.55	FEB 04	74.08	MAR 04	73.96	SEP 11	72.96
NOV 19	75.96	MAR 04	74.17	APR 06	73.72	OCT 19	73.40
FEB 15, 1952	73.65	APR 01	73.48	MAY 06	74.25	DEC 10	73.43
MAR 31	73.71	MAY 06	73.80	JUN 03	74.37	28	73.55
MAY 13	73.00	JUN 05	73.37	JUL 07	74.52	FEB 22, 1974	73.49
JUL 18	73.06	30	73.50	31	74.60	MAR 28	73.61
SEP 03	73.06	AUG 04	73.68	SEP 02	74.60	MAY 06	73.21
OCT 28	72.97	SEP 02	73.79	30	74.68	JUN 03	73.34
DEC 22	73.33	OCT 08	73.83	OCT 26	74.75	JUL 11	73.13
FEB 09, 1953	73.21	NOV 10	73.85	DEC 02	74.59	AUG 19	73.32
MAR 17	72.77	JAN 06, 1960	73.73	JAN 04, 1966	74.57	SEP 16	73.62
APR 16	72.25	FEB 03	73.92	FEB 03	74.42	OCT 30	73.85
JUN 18	72.47	26	73.68	MAR 02	74.04	NOV 18	73.84
JUL 14	72.27	APR 06	73.20	APR 01	73.82	JAN 03, 1975	74.06
SEP 02	72.90	MAY 03	73.30	MAY 04	73.70	31	74.03
OCT 12	73.13	JUN 01	72.99	JUN 03	73.75	MAR 11	73.94
NOV 23	73.12	JUL 05	73.11	AUG 02	74.11	APR 09	73.84
DEC 29	73.39	AUG 02	73.30	SEP 16	74.31	MAY 13	73.32
FEB 08, 1954	73.46	SEP 09	73.43	OCT 17	74.41	JUN 30	73.56
APR 06	73.84	30	73.34	NOV 17	74.71	AUG 13	73.50
MAY 20	73.29	OCT 28	73.36	JAN 05, 1967	74.66	OCT 06	73.36
JUN 30	73.34	DEC 19	73.62	FEB 20	74.44	NOV 17	73.31
AUG 06	73.36	JAN 03, 1961	73.45	MAR 30	74.55	DEC 23	73.39
OCT 12	73.72	FEB 02	73.74	MAY 12	73.86	31	72.95
NOV 29	73.77	MAR 03	73.02	JUN 14	74.05	FEB 02, 1976	72.02
DEC 28	74.25	APR 05	72.97	JUL 27	73.94	MAR 10	72.22
FEB 25, 1955	74.54	MAY 02	72.88	SEP 14	74.29	APR 13	72.84
APR 26	74.08	JUN 05	73.09	OCT 10	74.09	MAY 21	72.78
JUL 11	75.93	28	72.77	NOV 27	74.33	JUL 20	72.97
SEP 26	74.69	AUG 09	73.32	JAN 12, 1968	74.82	AUG 24	72.96
OCT 05	74.55	29	72.80	MAR 04	74.20	OCT 05	73.37
NOV 07	74.39	SEP 29	73.16	APR 24	73.88	NOV 16	73.40
DEC 06	74.31	OCT 31	73.00	JUN 03	73.82	JAN 03, 1977	73.58
JAN 10, 1956	73.82	DEC 06	72.73	JUL 19	73.92	FEB 08	73.76
FEB 03	74.57	JAN 03, 1962	72.59	OCT 15	74.46	MAR 29	73.43
29	74.27	FEB 07	72.85	NOV 21	74.35	MAY 03	73.60
APR 04	73.93	MAR 12	72.52	DEC 31	74.48	JUN 14	73.50
MAY 02	74.27	APR 06	73.80	JAN 07, 1969	74.05	JUL 27	73.64
JUN 06	74.00	25	73.46	FEB 11	74.42	AUG 24	73.56
JUL 03	73.05	JUN 06	73.72	APR 03	74.33	OCT 04	73.96

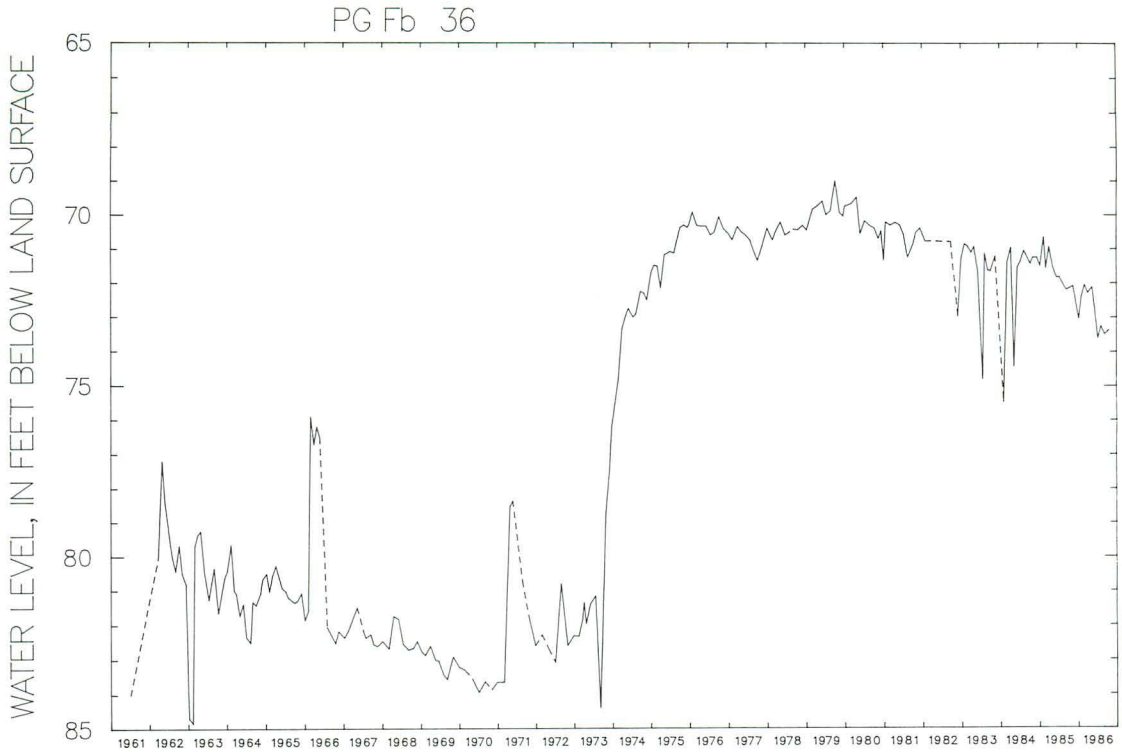
--CONTINUED PG Df 2

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15, 1977	74.26	JUL 14, 1980	72.84	APR 08, 1983	74.20	MAY 08, 1985	74.19
JAN 04, 1978	74.40	AUG 18	72.86	MAY 03	72.57	JUN 13	73.88
23	74.50	OCT 08	73.13	JUN 09	73.50	JUL 11	74.14
FEB 22	72.94	NOV 12	73.41	JUL 22	73.10	AUG 01	74.21
MAR 22	72.92	DEC 09	73.35	AUG 11	73.79	SEP 13	74.66
MAY 02	72.45	JAN 05, 1981	73.69	SEP 09	74.10	OCT 10	74.64
JUN 13	72.33	19	73.53	OCT 04	74.65	NOV 15	74.36
JUL 26	72.72	MAR 02	73.56	NOV 18	74.20	DEC 04	74.58
SEP 08	72.11	APR 20	73.79	JAN 13, 1984	74.73	JAN 08, 1986	74.88
OCT 17	71.69	AUG 17	74.08	FEB 03	74.23	FEB 04	74.73
NOV 28	71.45	OCT 09	74.35	MAR 09	73.74	MAR 06	74.40
JAN 08, 1979	71.46	NOV 12	74.53	APR 12	73.11	APR 04	74.73
MAR 06	70.22	DEC 09	74.34	MAY 14	73.07	MAY 16	74.55
APR 24	72.01	JAN 02, 1982	74.62	JUN 13	73.48	JUN 06	74.41
JUN 05	72.65	MAR 08	74.50	JUL 13	73.47	JUL 10	74.51
JUL 12	73.68	APR 21	74.54	AUG 10	73.58	AUG 08	74.57
AUG 20	73.04	JUN 09	74.08	SEP 07	74.00	SEP 11	74.93
NOV 14	72.22	JUL 05	74.24	OCT 11	74.05	25	74.72
DEC 17	69.87	AUG 25	74.13	NOV 01	74.21	OCT 17	74.92
JAN 02, 1980	72.32	OCT 06	74.50	DEC 13	73.97	NOV 14	75.32
22	72.53	NOV 16	74.48	JAN 11, 1985	74.20	DEC 01	75.34
MAR 04	72.30	JAN 05, 1983	74.79	FEB 14	74.03		
APR 21	72.36	FEB 04	74.31	MAR 07	74.61		
MAY 27	72.54	MAR 03	74.46	APR 05	73.87		



WELL NUMBER.--PG Fb 36 SITE ID.--384423077004501 PERMIT NUMBER.--PG-02-4834
LOCATION.--Lat. 38°44'23", long. 77°00'45", Hydrologic Unit 02070010, at Broadwater Estates.
Owner: Broadwater Citizens Association.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 284 ft; casing diameter 8 in. with depth to 271.5 ft; screen diameter 8 in. from 267.5 to 284 ft.
DATUM.--Altitude of land-surface datum is 78 ft. Measuring point: Top of casing, 3.5 ft above land-surface datum.
REMARKS.--Water level reported 62 ft below land-surface datum May 29, 1957; measured 84.00 ft below land-surface datum July 7, 1961.
PERIOD OF RECORD.--March 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level reported, 62 ft below land-surface datum, May 29, 1957; highest level measured, 68.99 ft below land-surface datum, Oct. 3, 1979; lowest measured, 84.84 ft below land-surface datum, Feb. 14, 1963.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 07, 1961	84.00	JUL 13, 1967	82.23	NOV 27, 1974	72.50	MAR 05, 1981	70.30
MAR 27, 1962	80.03	31	82.37	JAN 06, 1975	71.70	APR 23	70.22
MAY 02	77.19	SEP 14	82.26	FEB 03	71.48	JUN 03	70.29
29	78.39	OCT 12	82.56	MAR 07	71.51	JUL 09	70.57
JUL 09	79.40	NOV 14	82.61	APR 07	72.15	AUG 18	71.25
AUG 02	79.96	JAN 05, 1968	82.46	MAY 13	71.18	OCT 07	70.88
SEP 05	80.44	MAR 04	82.68	JUL 03	71.08	NOV 01	70.53
OCT 10	79.67	APR 19	81.74	AUG 12	71.12	DEC 11	70.39
NOV 06	80.50	JUN 04	81.83	OCT 07	70.38	JAN 29, 1982	70.77
DEC 13	80.81	JUL 15	82.54	NOV 13	70.30	SEP 28	70.79
JAN 09, 1963	84.69	SEP 05	82.71	DEC 16	70.37	DEC 02	72.96
FEB 14	84.84	OCT 22	82.66	31	70.28	JAN 05, 1983	71.29
MAR 06	79.70	NOV 27	82.46	FEB 02, 1976	69.92	FEB 04	70.85
APR 03	79.36	JAN 10, 1969	82.77	MAR 15	70.31	MAR 03	70.92
MAY 01	79.25	FEB 11	82.87	APR 15	70.33	APR 08	71.11
JUN 04	80.46	APR 02	82.60	JUN 08	70.33	MAY 03	70.93
JUL 17	81.27	MAY 19	83.00	JUL 20	70.60	JUN 09	71.66
SEP 04	80.34	JUN 19	83.03	AUG 26	70.51	JUL 22	74.82
OCT 14	81.66	AUG 04	83.43	OCT 07	70.05	AUG 11	71.13
DEC 14	80.61	SEP 08	83.56	NOV 18	70.40	SEP 09	71.62
JAN 07, 1964	80.42	NOV 03	82.91	JAN 05, 1977	70.56	OCT 04	71.65
FEB 11	79.64	DEC 30	83.21	FEB 10	70.74	NOV 17	71.21
MAR 11	80.99	FEB 25, 1970	83.30	MAR 31	70.34	FEB 03, 1984	75.47
31	81.10	MAY 07	83.55	MAY 05	70.50	MAR 09	71.39
MAY 02	81.73	JUL 07	83.94	JUN 16	70.60	APR 12	70.96
JUN 05	81.38	SEP 04	83.62	JUL 29	70.75	MAY 10	74.45
JUL 02	82.34	NOV 06	83.86	AUG 26	71.02	JUN 12	71.54
AUG 11	82.51	DEC 29	83.64	OCT 06	71.35	JUL 12	71.35
SEP 02	81.32	MAR 05, 1971	83.64	NOV 17	70.94	AUG 10	71.05
OCT 02	81.43	APR 30	78.52	JAN 04, 1978	70.39	30	71.16
NOV 13	81.08	MAY 29	78.36	25	70.56	OCT 11	71.44
DEC 03	80.67	AUG 26	80.73	FEB 24	70.74	NOV 02	71.25
JAN 08, 1965	80.50	NOV 01	81.83	MAR 24	70.50	DEC 12	71.25
FEB 05	81.03	DEC 28	82.60	MAY 09	70.21	JAN 10, 1985	71.51
MAR 05	80.58	FEB 29, 1972	82.28	JUN 21	70.60	FEB 13	70.65
APR 07	80.27	MAY 02	82.69	SEP 07	70.43	MAR 06	71.57
MAY 07	80.62	JUL 06	83.08	OCT 18	70.44	APR 04	70.94
JUN 04	80.93	AUG 31	80.80	DEC 04	70.31	MAY 10	71.53
JUL 08	81.02	OCT 31	82.60	JAN 10, 1979	70.45	JUN 14	71.83
AUG 01	81.20	DEC 27	82.31	MAR 08	69.83	JUL 11	71.82
SEP 03	81.29	FEB 14, 1973	82.32	APR 26	69.72	AUG 01	71.96
OCT 01	81.35	MAR 22	81.84	JUN 07	69.59	SEP 12	72.19
27	81.29	APR 06	81.35	JUL 11	70.00	OCT 09	72.16
DEC 03	81.07	25	81.97	AUG 22	69.88	NOV 15	72.08
JAN 05, 1966	81.86	JUN 05	81.39	OCT 03	68.99	DEC 04	72.40
FEB 04	81.60	JUL 25	81.15	NOV 15	69.92	JAN 08, 1986	73.06
MAR 01	75.90	SEP 07	84.40	DEC 19	70.04	FEB 04	72.39
APR 01	76.71	NOV 01	78.72	JAN 03, 1980	69.74	MAR 05	72.05
28	76.19	DEC 07	77.47	MAR 05	69.66	APR 04	72.29
MAY 26	76.51	27	76.20	APR 23	69.47	MAY 15	72.12
AUG 02	82.06	FEB 27, 1974	74.86	MAY 27	70.56	JUN 04	72.62
SEP 15	82.32	APR 05	73.33	JUL 09	70.17	JUL 10	73.62
OCT 18	82.52	MAY 13	72.93	AUG 20	70.30	AUG 07	73.25
NOV 17	82.18	JUN 05	72.74	OCT 08	70.40	SEP 10	73.49
JAN 11, 1967	82.36	JUL 18	73.00	NOV 14	70.70	OCT 17	73.38
FEB 15	82.16	AUG 15	72.91	DEC 11	70.47		
APR 07	81.76	SEP 27	72.25	JAN 05, 1981	71.34		
MAY 11	81.49	OCT 30	72.30	22	70.20		

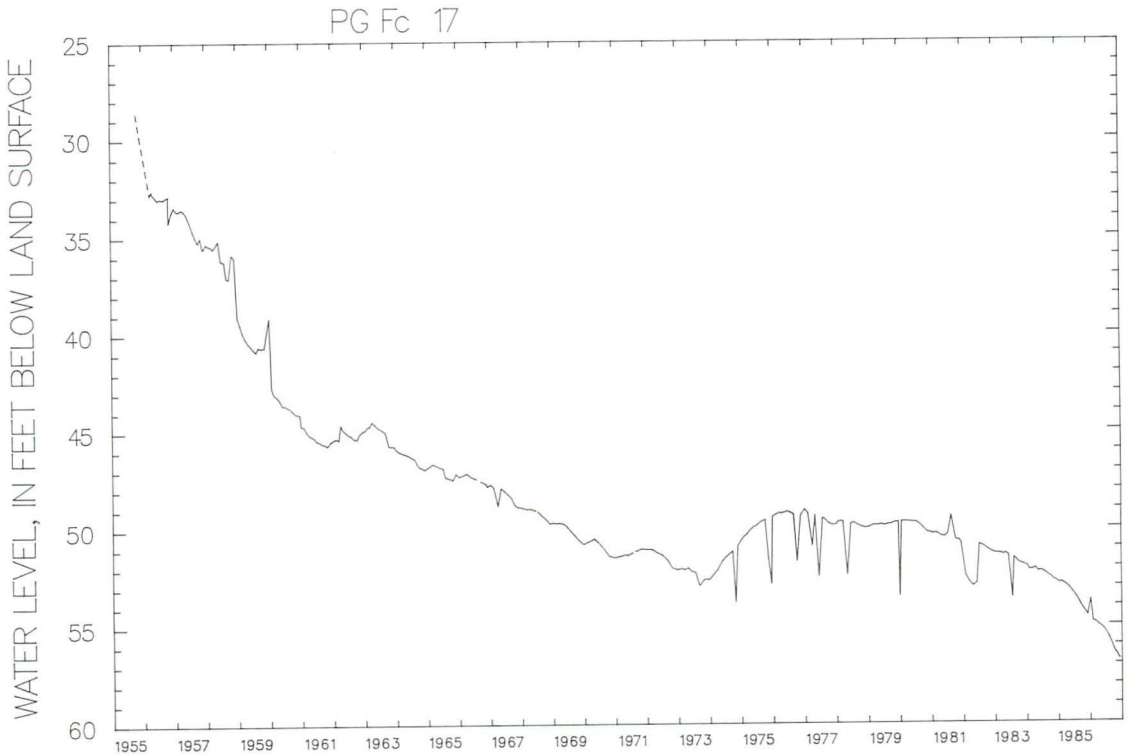

PG Fb 36
WATER LEVEL, IN FEET BELOW LAND SURFACE
65
70
75
80
85
1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--PG Fc 17 SITE ID.--384230076555601
LOCATION.--Lat. 38°42'30", long. 76°55'56", Hydrologic Unit 02070010, south of Floral Park Rd. and west of MD Rt. 5, Piscataway.
Owner: Washington Gas Light Co.
AQUIFER.--Patapsco Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 750 ft; casing diameter 6 in.; casing perforated from 712 to 716 ft.
DATUM.--Altitude of land-surface datum is 58.6 ft. Measuring point: Top of casing, 0.5 ft above land-surface datum.
REMARKS--Equipped with water-level recorder Oct. 27, 1955 to Sept. 4, 1956.
PERIOD OF RECORD.--October 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.62 ft below land-surface datum, Oct. 27, 1955; lowest measured, 56.80 ft below land-surface datum, Dec. 4, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 27, 1955	28.62	JAN 03, 1962	45.39	JAN 10, 1969	49.65	AUG 26, 1977	49.55
APR 03, 1956	32.78	FEB 07	45.31	FEB 11	49.68	OCT 06	49.76
25	32.56	MAR 12	45.38	APR 02	49.66	NOV 17	49.83
MAY 02	32.70	APR 06	44.61	MAY 12	49.72	JAN 04, 1978	49.82
JUN 06	32.89	25	44.82	JUN 19	49.83	25	49.69
JUL 03	33.02	JUN 06	45.01	AUG 07	50.10	FEB 24	49.65
31	32.95	29	45.10	SEP 08	50.25	MAR 24	49.66
SEP 04	32.99	AUG 02	45.17	NOV 03	50.53	MAY 09	52.40
OCT 03	32.91	SEP 05	45.32	DEC 30	50.76	JUN 21	49.77
31	32.82	OCT 10	45.36	FEB 25, 1970	50.63	JUL 26	49.73
NOV 07	34.21	NOV 06	45.10	MAY 07	50.49	SEP 07	49.85
DEC 05	33.72	DEC 13	44.93	JUL 09	50.76	OCT 18	49.94
JAN 04, 1957	33.39	JAN 09, 1963	44.89	SEP 04	51.06	NOV 30	50.00
FEB 08	33.59	FEB 14	44.70	OCT 27	51.38	JAN 10, 1979	49.98
MAR 05	33.59	MAR 06	44.69	DEC 29	51.45	MAR 08	49.85
APR 03	33.50	APR 03	44.45	MAR 05, 1971	51.38	APR 26	49.86
MAY 01	33.59	MAY 01	44.57	APR 30	51.31	JUN 07	49.82
28	33.74	JUN 04	44.74	MAY 29	51.34	JUL 11	49.87
JUL 02	34.10	JUL 17	44.86	AUG 31	51.14	AUG 22	49.82
AUG 07	34.54	SEP 04	45.01	NOV 01	51.01	OCT 03	49.79
SEP 04	34.89	OCT 12	45.70	DEC 29	51.04	NOV 16	49.71
OCT 08	35.23	DEC 14	45.73	MAR 10, 1972	51.05	DEC 19	49.70
NOV 08	34.98	JAN 07, 1964	45.90	MAY 01	51.20	JAN 02, 1980	53.49
DEC 04	35.57	FEB 11	46.02	JUL 06	51.35	24	49.67
JAN 14, 1958	35.28	MAR 11	46.05	AUG 31	51.58	MAR 05	49.67
FEB 05	35.38	31	46.10	OCT 31	52.00	APR 23	49.68
MAR 05	35.41	MAY 07	46.15	DEC 27	52.09	MAY 27	49.70
APR 02	35.54	JUN 05	46.21	FEB 14, 1973	52.03	JUL 09	49.71
MAY 07	35.32	JUL 02	46.29	MAR 23	52.09	AUG 20	49.84
JUN 03	35.12	AUG 11	46.38	MAY 01	52.00	OCT 08	50.06
JUL 01	36.14	SEP 02	46.58	JUN 06	52.18	NOV 14	50.23
AUG 08	36.21	OCT 02	46.78	JUL 24	52.25	DEC 11	50.26
SEP 05	37.05	NOV 13	46.85	SEP 07	52.92	JAN 06, 1981	50.30
OCT 01	37.10	DEC 03	46.91	NOV 01	52.61	22	50.30
NOV 04	35.83	JAN 08, 1965	46.80	DEC 07	52.58	MAR 05	50.29
DEC 03	36.01	FEB 05	46.73	27	52.62	APR 22	50.44
JAN 06, 1959	39.05	MAR 05	46.62	FEB 27, 1974	52.30	JUN 03	50.48
FEB 04	39.44	APR 07	46.69	APR 05	52.10	JUL 09	50.34
MAR 04	39.82	MAY 07	46.75	MAY 14	51.76	AUG 18	49.38
APR 01	40.12	JUN 04	46.81	JUN 05	51.63	OCT 07	50.62
MAY 06	40.38	JUL 08	46.86	JUL 03	51.49	NOV 18	50.67
JUN 05	40.52	AUG 01	47.30	AUG 13	51.33	DEC 11	50.82
30	40.67	SEP 03	47.36	SEP 27	51.15	JAN 29, 1982	52.45
AUG 06	40.84	OCT 01	47.39	OCT 29	53.76	MAR 12	52.78
SEP 02	40.59	27	47.46	NOV 25	50.90	APR 23	53.02
OCT 08	40.64	DEC 03	47.12	JAN 03, 1975	50.60	JUN 09	52.86
NOV 10	40.61	JAN 05, 1966	47.28	FEB 03	50.41	JUL 08	50.87
JAN 06, 1960	39.10	FEB 08	47.24	MAR 07	50.31	AUG 25	50.98
FEB 03	42.69	MAR 01	47.19	APR 07	50.13	OCT 06	51.12
26	43.00	APR 01	47.12	MAY 19	49.95	DEC 02	51.28
APR 06	43.16	MAY 05	47.21	JUL 09	49.82	JAN 05, 1983	51.33
MAY 03	43.31	26	47.29	AUG 12	49.68	FEB 04	51.34
JUN 01	43.57	NOV 21	47.67	OCT 07	49.55	MAR 03	51.35
JUL 12	43.61	29	47.80	NOV 13	51.51	APR 08	51.40
SEP 09	43.78	JAN 12, 1967	47.68	DEC 16	52.84	MAY 03	51.35
30	43.87	FEB 15	47.85	31	49.40	JUN 09	51.45
OCT 28	44.00	APR 07	48.78	FEB 02, 1976	49.30	JUL 22	53.60
DEC 21	44.07	MAY 11	47.87	MAR 15	49.22	AUG 11	51.55
JAN 03, 1961	44.65	JUL 13	48.13	APR 15	49.24	SEP 09	51.69
FEB 06	44.71	31	48.20	JUN 08	49.15	OCT 04	51.82
MAR 03	44.92	SEP 11	48.38	JUL 20	49.19	NOV 17	51.89
APR 03	45.12	OCT 12	48.69	AUG 30	49.31	JAN 13, 1984	52.01
MAY 02	45.19	NOV 15	48.84	OCT 07	51.68	FEB 03	52.19
JUN 05	45.27	JAN 09, 1968	48.88	NOV 18	49.35	MAR 09	52.20
28	45.43	MAR 04	48.95	JAN 05, 1977	49.04	APR 12	52.10
AUG 08	45.49	APR 17	48.93	FEB 10	49.24	MAY 14	52.28
29	45.57	JUL 15	49.08	MAR 31	50.92	JUN 12	52.24
OCT 03	45.61	SEP 05	49.31	MAY 05	49.32	JUL 12	52.30
NOV 01	45.69	OCT 22	49.48	JUN 16	52.49	AUG 10	52.38
DEC 06	45.47	DEC 02	49.70	JUL 29	49.48	SEP 07	52.48

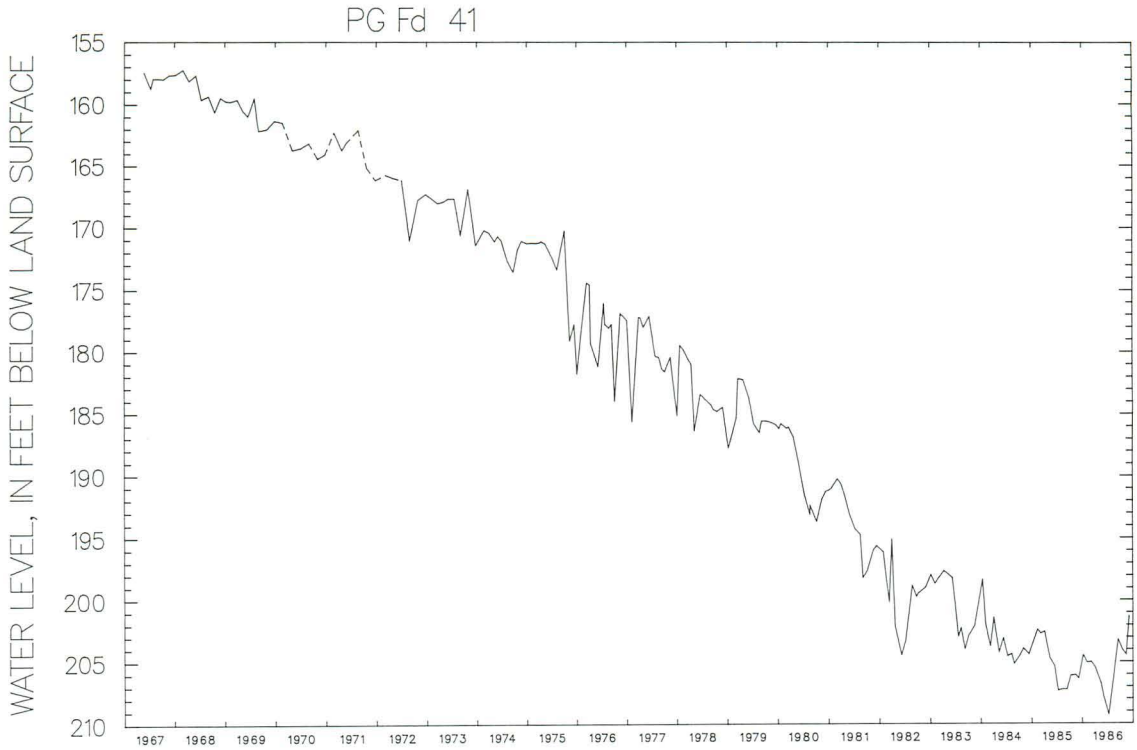
-- CONTINUED PG Fc 17

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11, 1984	52.58	JUN 13, 1985	53.35	FEB 04, 1986	54.87	SEP 26, 1986	56.25
NOV 02	52.68	JUL 11	53.52	MAR 05	54.91	OCT 16	56.44
DEC 12	52.78	AUG 01	53.65	APR 04	55.03	NOV 13	56.62
JAN 10, 1985	52.88	SEP 12	54.00	MAY 15	55.17	DEC 04	56.80
FEB 13	52.85	OCT 09	54.19	JUN 04	55.25		
MAR 06	52.92	NOV 15	54.42	JUL 10	55.48		
APR 04	53.00	DEC 04	54.56	AUG 07	55.70		
MAY 10	53.16	JAN 08, 1986	53.74	SEP 11	56.07		



WELL NUMBER.--PG Fd 41 SITE ID.--384131076533301 PERMIT NUMBER.--PG-01-8058
LOCATION.--Lat 38°41'31", long. 76°53'33", Hydrologic Unit 02070010, south side of MD Rt. 373, 1.14 mi west of intersection with MD Rt. 5, near T.B.
Owner: Colonial Investment Corp.
AQUIFER.--Magothy Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 362 ft, casing diameter 4 in. with depth to 352 ft; screen diameter 2.5 in. from 352 to 362 ft.
DATUM.--Altitude of land-surface datum 198 ft. Measuring point: Top of casing, 2.8 ft above land-surface datum.
REMARKS.--Water level reported 146 ft below land-surface datum, March 11, 1955.
PERIOD OF RECORD.--May 1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 157.24 ft below land-surface datum, March 4, 1968; lowest measured, 209.31 ft below land-surface datum, July 10, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 24, 1967	157.44	FEB 27, 1974	170.20	JUN 21, 1978	183.41	NOV 30, 1982	198.93
JUL 13	158.76	APR 05	170.44	JUL 26	183.82	JAN 05, 1983	197.94
31	157.94	MAY 14	171.12	SEP 07	184.27	FEB 04	198.66
SEP 11	157.95	JUN 05	170.69	21	184.63	MAR 03	198.19
OCT 13	157.99	JUL 03	171.06	OCT 18	184.81	APR 08	197.63
NOV 20	157.68	AUG 13	172.61	NOV 30	184.47	MAY 03	197.84
JAN 09, 1968	157.62	SEP 17	173.38	JAN 10, 1979	187.76	JUN 09	198.21
MAR 04	157.24	27	173.54	MAR 08	185.38	JUL 22	202.96
APR 17	158.14	OCT 29	171.76	21	182.15	AUG 11	202.23
JUN 04	157.68	NOV 27	171.07	APR 26	182.25	SEP 09	203.98
JUL 15	159.64	JAN 03, 1975	171.27	JUN 07	183.68	OCT 04	202.87
SEP 05	159.35	FEB 05	171.24	JUL 11	185.77	NOV 17	202.06
OCT 22	160.64	MAR 11	171.25	AUG 22	186.51	JAN 13, 1984	198.31
DEC 02	159.48	APR 05	171.21	SEP 07	185.58	FEB 03	201.89
JAN 08, 1969	159.76	18	171.11	OCT 03	185.58	MAR 09	203.74
FEB 11	159.81	MAY 19	171.30	NOV 15	185.69	APR 03	201.39
APR 02	159.64	JUL 09	172.42	DEC 19	185.88	MAY 11	204.25
MAY 12	160.50	AUG 12	173.38	JAN 10, 1980	186.20	JUN 12	203.06
JUN 19	160.99	OCT 07	170.25	24	185.79	JUL 12	204.55
AUG 04	159.52	NOV 13	179.12	MAR 05	186.17	AUG 10	204.37
SEP 05	162.17	DEC 16	177.78	19	186.07	28	205.18
NOV 03	162.02	JAN 07, 1976	181.80	APR 23	186.87	OCT 11	204.42
DEC 30	161.35	FEB 02	178.82	MAY 27	188.75	NOV 02	203.90
FEB 25, 1970	161.49	MAR 17	174.40	JUL 09	191.37	DEC 12	204.40
MAY 07	163.74	APR 07	174.58	AUG 20	193.14	JAN 10, 1985	203.45
JUL 07	163.58	14	179.29	21	192.37	FEB 13	202.37
SEP 04	163.17	JUN 08	181.20	OCT 08	193.69	MAR 06	202.70
NOV 06	164.43	JUL 20	176.06	NOV 14	191.92	APR 04	202.54
DEC 29	164.08	27	177.75	DEC 11	191.25	MAY 10	204.68
MAR 05, 1971	162.29	AUG 26	178.08	JAN 06, 1981	191.14	JUN 14	205.35
APR 30	163.76	SEP 14	177.77	22	191.00	JUL 11	207.35
MAY 29	163.19	OCT 07	184.00	MAR 05	190.25	AUG 01	207.25
AUG 26	162.09	NOV 18	176.88	APR 01	190.67	SEP 12	207.24
OCT 28	165.19	JAN 05, 1977	177.46	23	191.40	OCT 09	206.11
DEC 30	166.18	FEB 10	185.66	JUN 03	193.18	NOV 15	206.06
MAR 10, 1972	165.76	MAR 31	177.20	JUL 09	194.24	DEC 04	206.36
MAY 02	165.99	APR 13	177.25	AUG 17	194.73	JAN 08, 1986	204.45
JUL 06	166.20	MAY 05	178.02	SEP 04	198.21	FEB 04	205.08
SEP 01	171.05	JUN 16	177.11	OCT 07	197.58	MAR 05	205.02
OCT 31	167.78	JUL 29	180.34	NOV 18	195.98	APR 04	205.49
DEC 27	167.29	AUG 26	180.49	DEC 11	195.62	MAY 15	206.73
FEB 21, 1973	167.77	SEP 15	181.35	JAN 29, 1982	196.12	JUN 05	207.90
MAR 23	168.05	OCT 06	181.62	MAR 12	200.17	JUL 10	209.31
MAY 01	167.94	NOV 17	180.44	31	195.08	AUG 07	206.80
JUN 06	167.69	JAN 04, 1978	185.17	APR 23	202.05	SEP 16	203.20
JUL 24	167.67	25	179.46	JUN 09	204.46	OCT 16	204.02
SEP 07	170.62	FEB 24	179.92	JUL 08	203.26	NOV 13	204.44
NOV 01	166.89	MAR 24	180.58	AUG 25	198.80	DEC 04	201.34
DEC 07	169.80	APR 17	181.02	SEP 24	199.73		
27	171.40	MAY 09	186.39	OCT 06	199.45		


PG Fd 41
WATER LEVEL, IN FEET BELOW LAND SURFACE
155
160
165
170
175
180
185
190
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200
205
210
1967
1968
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1983
1984
1985
1986

WELL NUMBER.--QA Cg 1 SITE ID.--390841075515201 PERMIT NUMBER.--QA-00-3949
LOCATION.--Lat 39°08'41", long 75°51'52", Hydrologic Unit 02060002, at Barclay.
Owner: Town of Barclay.
AQUIFER.--Pensauken Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, reported depth 60 ft, measured depth 44 ft; casing diameter 4 in. with depth to 50 ft; screened from 50 to 60 ft.
DATUM.--Altitude of land-surface datum is 69 ft. Measuring point: Lip of hose connector, 1.9 ft above land-surface datum.
REMARKS.--Reported water level 4.0 ft below land-surface datum, June 10, 1949.
PERIOD OF RECORD.--July 1953, May 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.67 ft below land-surface datum, Feb. 8, 1973; lowest measured, 6.47 ft below land-surface datum, Jan. 3, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 08, 1953	3.01	OCT 12, 1962	5.77	FEB 25, 1969	4.56	FEB 23, 1976	2.68
MAY 10, 1956	5.55	NOV 13	5.48	MAR 31	4.04	APR 14	3.54
JAN 09, 1957	3.50	DEC 13	5.42	APR 07	4.22	MAY 19	4.14
FEB 12	2.82	JAN 11, 1963	5.17	JUN 04	4.27	JUN 22	4.53
MAR 08	2.60	MAR 08	3.77	JUL 14	4.50	AUG 05	4.72
APR 04	3.31	APR 09	3.48	SEP 09	3.42	10	4.46
MAY 03	3.90	MAY 03	4.09	OCT 29	4.43	OCT 05	3.50
30	4.57	JUN 11	4.47	DEC 12	3.77	NOV 12	4.27
JUL 08	5.21	19	5.11	JAN 14, 1970	3.06	DEC 08	4.12
AUG 21	5.89	SEP 06	5.49	30	3.08	JAN 04, 1977	4.23
SEP 12	6.05	24	5.64	MAR 16	3.43	FEB 18	4.43
OCT 11	6.10	NOV 04	5.86	APR 20	2.00	MAR 30	3.82
NOV 15	6.14	DEC 13	4.67	JUN 05	3.78	APR 09	4.25
DEC 10	5.25	JAN 23, 1964	3.27	JUL 13	4.00	JUN 21	4.85
JAN 16, 1958	3.93	FEB 05	3.20	SEP 23	5.27	AUG 08	5.52
FEB 11	3.07	MAR 02	2.80	OCT 08	5.44	SEP 19	5.66
MAR 07	2.73	APR 10	2.39	NOV 12	4.27	NOV 08	5.29
APR 08	2.27	MAY 06	2.88	16	5.18	DEC 05	4.83
MAY 09	2.23	JUN 11	4.26	JAN 26, 1971	4.27	JAN 04, 1978	3.26
JUN 06	3.71	30	4.61	FEB 26	2.68	FEB 28	2.68
JUL 03	4.34	AUG 06	5.23	MAR 23	3.02	APR 26	3.05
AUG 05	4.10	SEP 02	5.67	APR 04	3.48	MAY 30	3.04
SEP 10	3.80	OCT 07	5.72	JUN 14	3.94	JUN 11	4.09
OCT 03	3.78	NOV 13	6.08	JUL 30	4.89	SEP 01	4.52
NOV 07	4.10	DEC 01	6.09	AUG 06	4.57	OCT 18	5.10
DEC 05	4.04	JAN 07, 1965	5.69	OCT 08	1.89	NOV 15	5.37
31	4.30	FEB 03	4.75	DEC 15	2.16	DEC 14	4.98
FEB 06, 1959	3.86	MAR 18	3.85	JAN 11, 1972	1.98	JAN 04, 1979	4.24
MAR 06	3.28	APR 02	3.50	FEB 16	2.43	29	2.38
APR 03	3.40	MAY 18	4.27	MAR 08	2.44	MAR 15	2.42
MAY 08	4.10	JUN 07	4.45	APR 06	3.06	APR 17	2.92
JUN 09	4.38	JUL 07	5.02	MAY 03	2.81	JUN 18	3.43
JUL 02	4.82	30	5.34	JUN 08	3.54	JUL 18	3.88
AUG 08	4.80	SEP 07	5.85	JUL 12	2.38	25	3.90
SEP 04	5.02	OCT 01	6.09	SEP 09	4.29	SEP 14	3.69
OCT 14	5.49	NOV 05	6.23	OCT 12	4.48	OCT 05	3.30
NOV 13	5.41	DEC 01	6.35	NOV 13	4.13	NOV 23	2.86
JAN 08, 1960	4.10	JAN 03, 1966	6.47	DEC 07	2.65	JAN 04, 1980	3.38
FEB 05	3.93	FEB 15	5.80	JAN 09, 1973	2.60	MAR 04	3.50
MAR 05	3.21	MAR 14	5.68	FEB 08	1.67	APR 08	2.34
APR 12	2.98	APR 09	5.79	MAR 06	2.71	MAY 21	2.98
MAY 05	3.94	MAY 10	5.29	APR 05	1.77	JUN 24	3.65
JUN 07	4.34	JUN 06	5.46	MAY 05	3.02	AUG 13	3.68
JUL 07	4.54	JUL 18	5.74	JUN 05	3.26	SEP 10	4.13
AUG 04	4.00	AUG 29	6.24	JUL 19	3.98	OCT 15	3.25
SEP 07	4.92	OCT 10	5.68	AUG 09	4.35	20	4.33
OCT 10	4.47	NOV 16	4.73	SEP 04	4.30	DEC 08	4.01
NOV 04	3.14	DEC 12	4.81	OCT 11	4.87	JAN 05, 1981	4.38
DEC 08	3.72	JAN 03, 1967	3.64	NOV 07	5.06	FEB 05	4.21
JAN 06, 1961	2.60	FEB 02	3.50	DEC 13	4.94	18	4.00
FEB 03	3.27	28	2.97	JAN 10, 1974	3.20	APR 06	3.70
MAR 07	2.44	APR 11	3.37	FEB 14	3.00	MAY 04	3.35
APR 07	3.82	MAY 15	3.52	MAR 14	3.44	JUN 11	3.59
MAY 05	3.91	JUN 17	4.32	APR 18	2.72	JUL 13	4.06
JUN 02	3.90	JUL 24	3.30	MAY 30	2.96	AUG 26	4.52
29	3.36	SEP 02	3.70	JUL 18	4.14	SEP 21	4.27
AUG 04	4.07	28	4.37	AUG 21	4.50	30	4.20
SEP 01	4.05	NOV 07	4.70	OCT 15	4.95	OCT 20	4.91
OCT 04	4.10	DEC 05	4.28	DEC 09	4.45	NOV 24	4.87
NOV 03	5.09	JAN 03, 1968	3.11	JAN 02, 1975	3.95	DEC 29	4.37
DEC 08	5.28	FEB 23	3.55	22	2.87	FEB 02, 1982	3.46
JAN 05, 1962	4.70	MAR 26	2.67	FEB 21	3.01	MAR 16	2.73
FEB 09	4.08	APR 30	3.39	APR 17	2.88	APR 14	3.15
MAR 08	2.23	JUN 05	3.67	MAY 23	2.94	20	2.68
APR 04	2.89	JUL 15	3.65	JUN 23	3.81	MAY 28	3.45
MAY 14	3.75	AUG 15	4.60	SEP 17	4.05	JUL 12	3.56
JUN 08	4.34	SEP 30	5.49	OCT 20	2.80	AUG 11	3.93
JUL 06	4.70	NOV 19	5.19	NOV 24	2.99	SEP 20	4.81
AUG 08	5.12	JAN 03, 1969	5.34	DEC 09	3.25	NOV 15	4.86
SEP 07	5.50	20	5.46	JAN 05, 1976	2.31	DEC 20	4.02

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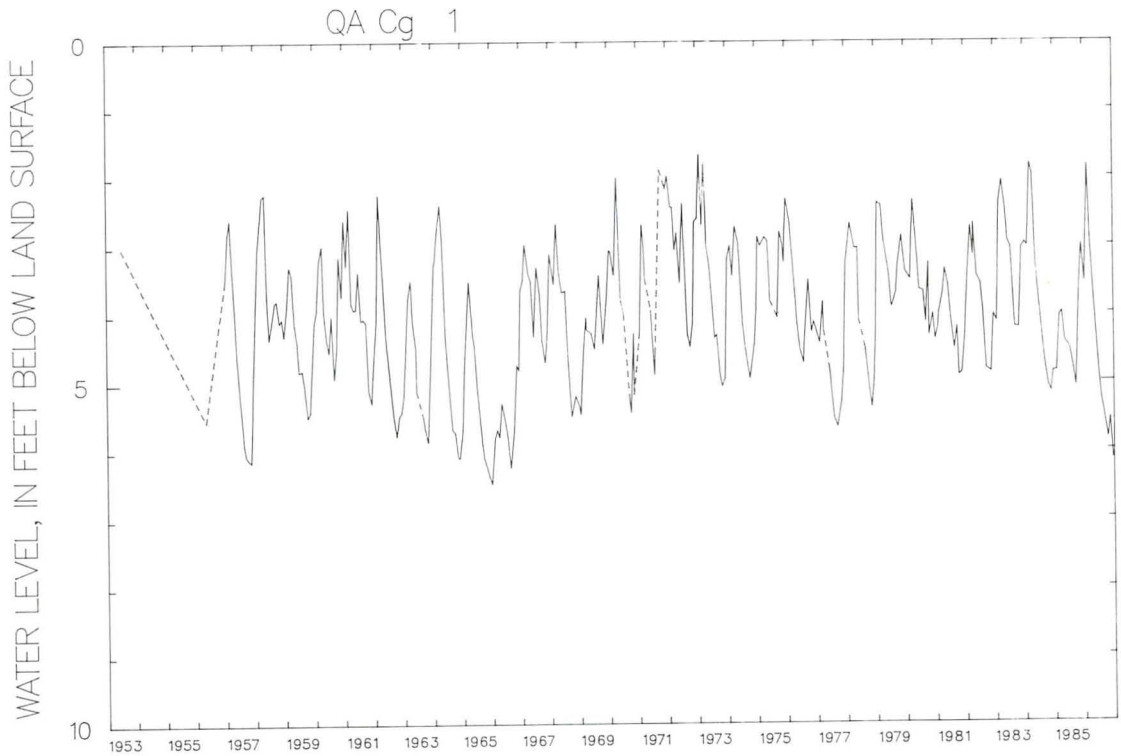
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 27, 1983	4.12	FEB 09, 1984	3.02	MAR 08, 1985	4.04	MAR 27, 1986	2.97
MAR 02	2.38	MAR 16	1.81	APR 08	3.99	MAY 12	3.95
APR 06	2.06	APR 16	1.97	MAY 13	4.41	JUN 25	4.74
MAY 19	2.48	MAY 22	3.30	JUL 10	4.52	JUL 29	5.23
JUN 14	2.93	JUL 17	4.05	AUG 16	4.76	SEP 23	5.64
JUL 20	3.04	SEP 05	4.70	SEP 23	5.08	OCT 20	5.84
SEP 07	4.20	OCT 18	5.05	NOV 04	3.63	NOV 14	5.54
OCT 24	4.22	NOV 20	5.16	DEC 06	2.99	DEC 18	6.14
NOV 29	3.05	DEC 19	4.86	JAN 13, 1986	3.55		
JAN 10, 1984	2.97	JAN 30, 1985	4.85	FEB 20	1.84		



WELL NUMBER.--QA Ec 1 SITE ID.--385756076105301
LOCATION.--Lat 38°57'56", long 76°10'53", Hydrologic Unit 02060002, near Grasonville, south side of old U.S. Rt. 50.
Owner: Maryland State Highway Administration.
AQUIFER.--Kent Island Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 21 ft; casing diameter 1.25 in. with depth to 21 ft;
DATUM.--Altitude of land-surface datum is 20 ft. Measuring point: Top of 2-in. sleeve, at land-surface datum.
PERIOD OF RECORD.--September 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.04 ft below land-surface datum, May 8, 1958; lowest measured, 8.30 ft below land-surface datum, Oct. 17, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 01, 1949	5.89	JUL 11, 1955	5.35	JUN 01, 1961	2.57	APR 11, 1967	1.18
26	6.51	SEP 06	3.54	30	2.25	MAY 15	1.27
OCT 27	7.98	28	4.13	AUG 03	4.68	JUN 21	4.15
DEC 01	7.06	NOV 01	4.50	31	5.75	AUG 03	5.34
29	6.58	28	3.66	OCT 04	6.53	04	4.40
FEB 02, 1950	6.04	DEC 07	3.98	NOV 02	6.94	SEP 02	1.94
MAR 02	4.64	JAN 12, 1956	4.01	DEC 07	7.03	21	3.76
28	1.21	FEB 01	3.08	JAN 04, 1962	6.46	NOV 07	4.84
APR 28	2.07	MAR 01	1.65	FEB 08	6.35	DEC 04	3.81
MAY 26	1.96	APR 05	0.64	MAR 07	1.04	JAN 03, 1968	1.07
JUL 03	4.17	MAY 03	1.56	APR 03	0.83	FEB 23	2.17
AUG 01	4.12	JUN 07	2.79	MAY 11	1.37	MAR 26	0.90
28	5.53	JUL 05	4.74	JUN 07	4.36	APR 30	1.98
SEP 27	4.23	AUG 01	4.15	JUL 05	5.44	JUN 04	1.55
OCT 26	3.95	SEP 06	5.53	AUG 07	6.41	JUL 12	4.07
NOV 27	1.92	OCT 04	6.16	SEP 06	7.11	AUG 15	5.75
JAN 02, 1951	1.55	NOV 01	5.82	OCT 11	7.54	SEP 30	7.06
31	1.14	DEC 06	2.60	NOV 07	7.74	NOV 12	7.35
MAR 01	0.89	JAN 08, 1957	1.70	DEC 13	7.07	JAN 02, 1969	7.33
APR 02	0.88	FEB 11	0.35	JAN 10, 1963	6.60	22	7.16
28	1.16	MAR 07	0.62	FEB 14	3.61	FEB 24	5.80
MAY 30	2.65	APR 05	0.98	MAR 07	1.95	APR 02	2.83
JUL 02	2.93	MAY 02	2.28	APR 08	1.60	MAY 05	2.77
30	4.24	29	4.24	MAY 02	0.79	JUN 04	4.01
AUG 31	5.28	JUL 09	5.77	JUN 10	3.06	JUL 25	6.08
OCT 01	6.05	AUG 20	6.97	JUL 18	5.58	SEP 09	2.93
29	6.49	SEP 11	7.22	SEP 05	6.66	OCT 30	5.01
NOV 29	5.61	OCT 03	7.45	OCT 07	7.01	JAN 14, 1970	1.53
DEC 29	2.03	NOV 14	7.42	NOV 04	7.22	FEB 03	0.65
JAN 31, 1952	0.70	DEC 09	6.35	20	5.99	MAR 16	1.29
FEB 28	1.23	JAN 15, 1958	2.30	DEC 13	5.75	APR 20	0.50
MAR 31	0.77	FEB 10	0.86	JAN 23, 1964	1.92	JUN 05	2.59
APR 29	0.12	MAR 06	0.66	FEB 05	1.42	JUL 13	4.68
JUN 02	0.79	APR 07	0.32	MAR 03	0.74	SEP 23	7.09
JUL 01	4.02	MAY 08	0.04	APR 09	0.47	OCT 08	7.46
AUG 04	5.64	JUN 05	3.03	MAY 06	1.05	NOV 16	7.56
SEP 02	5.21	JUL 02	4.55	JUN 11	4.49	DEC 29	7.28
30	5.83	AUG 06	2.08	30	5.43	JAN 26, 1971	6.07
OCT 29	6.35	SEP 09	2.67	AUG 07	6.63	FEB 26	1.95
DEC 01	5.78	OCT 02	2.44	SEP 02	7.32	MAR 25	1.63
29	3.69	NOV 06	1.66	OCT 07	7.84	31	1.84
FEB 02, 1953	1.18	DEC 04	2.01	NOV 13	8.16	MAY 04	2.27
27	0.56	30	1.75	DEC 02	8.18	JUN 14	1.95
APR 01	0.74	FEB 05, 1959	0.85	JAN 08, 1965	7.24	AUG 04	5.61
20	1.41	MAR 05	1.51	FEB 04	5.14	06	5.23
JUN 04	1.11	APR 02	0.43	MAR 18	1.47	NOV 09	1.12
29	3.39	MAY 07	1.76	APR 01	0.80	DEC 14	0.78
JUL 30	4.62	JUN 08	2.98	MAY 18	2.86	JAN 11, 1972	0.35
AUG 31	4.99	JUL 01	3.00	JUN 07	4.01	FEB 15	0.49
OCT 01	6.02	AUG 07	2.80	JUL 08	5.55	MAR 08	0.64
NOV 03	5.90	SEP 03	4.80	30	6.07	APR 06	1.03
30	4.52	OCT 13	6.08	SEP 08	6.87	MAY 10	0.97
DEC 29	2.07	NOV 12	4.82	OCT 01	7.20	JUN 08	2.71
FEB 01, 1954	0.77	JAN 07, 1960	1.13	NOV 05	7.36	JUL 13	2.17
MAR 01	0.70	FEB 04	1.50	DEC 02	7.97	SEP 09	5.71
APR 01	0.85	MAR 01	0.97	JAN 05, 1966	8.21	OCT 11	6.38
MAY 03	0.69	APR 11	1.11	FEB 15	7.55	NOV 13	5.95
27	2.57	MAY 04	2.55	MAR 15	6.21	DEC 08	1.71
JUN 30	5.06	JUN 06	1.98	APR 09	5.73	JAN 09, 1973	1.10
JUL 30	6.12	JUL 06	4.65	28	2.56	FEB 08	0.41
SEP 02	6.80	AUG 03	3.45	JUN 07	4.30	MAR 06	0.93
29	7.30	SEP 06	2.88	10	4.30	APR 05	0.34
NOV 02	7.69	OCT 11	2.65	AUG 02	6.46	MAY 05	1.64
DEC 09	7.83	NOV 03	1.51	29	7.23	JUN 05	2.44
30	7.46	DEC 09	2.24	OCT 13	7.66	JUL 19	4.55
FEB 02, 1955	7.31	JAN 05, 1961	0.73	NOV 14	6.82	AUG 09	5.56
MAR 02	5.92	FEB 02	1.68	DEC 13	6.59	SEP 04	6.27
APR 01	2.98	MAR 06	0.70	JAN 03, 1967	3.93	OCT 11	7.00
29	2.19	APR 06	1.10	FEB 02	2.04	NOV 05	7.27
JUN 03	4.58	MAY 04	1.75	28	1.10	DEC 13	7.64

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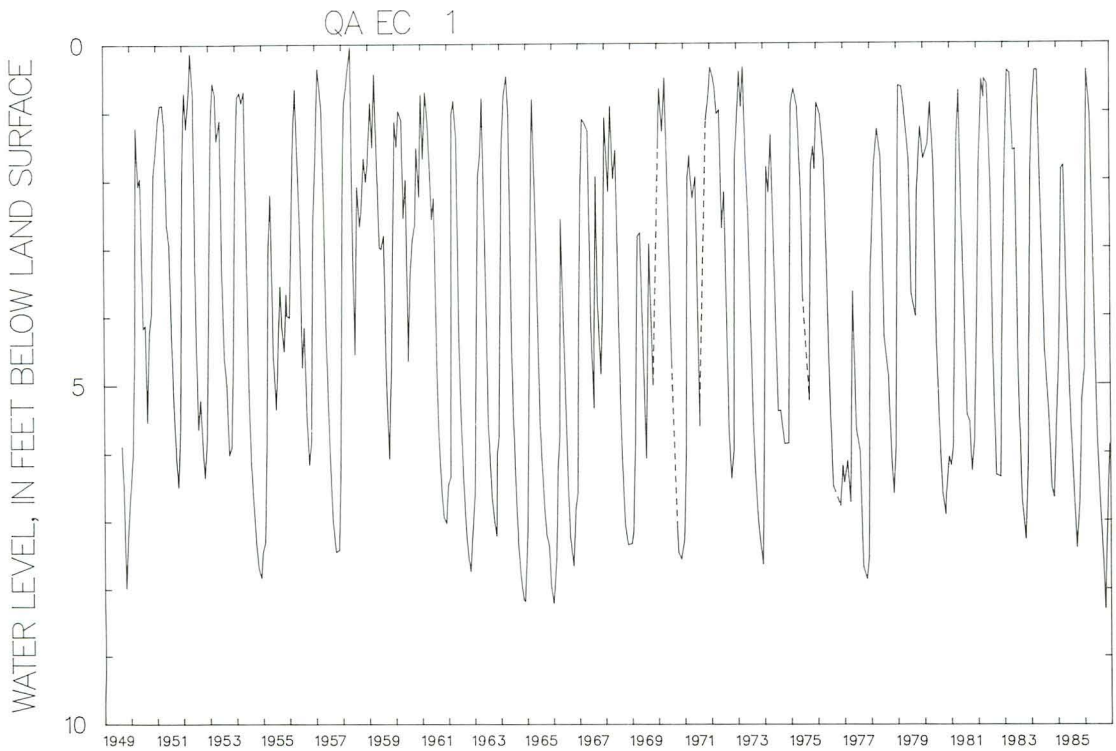
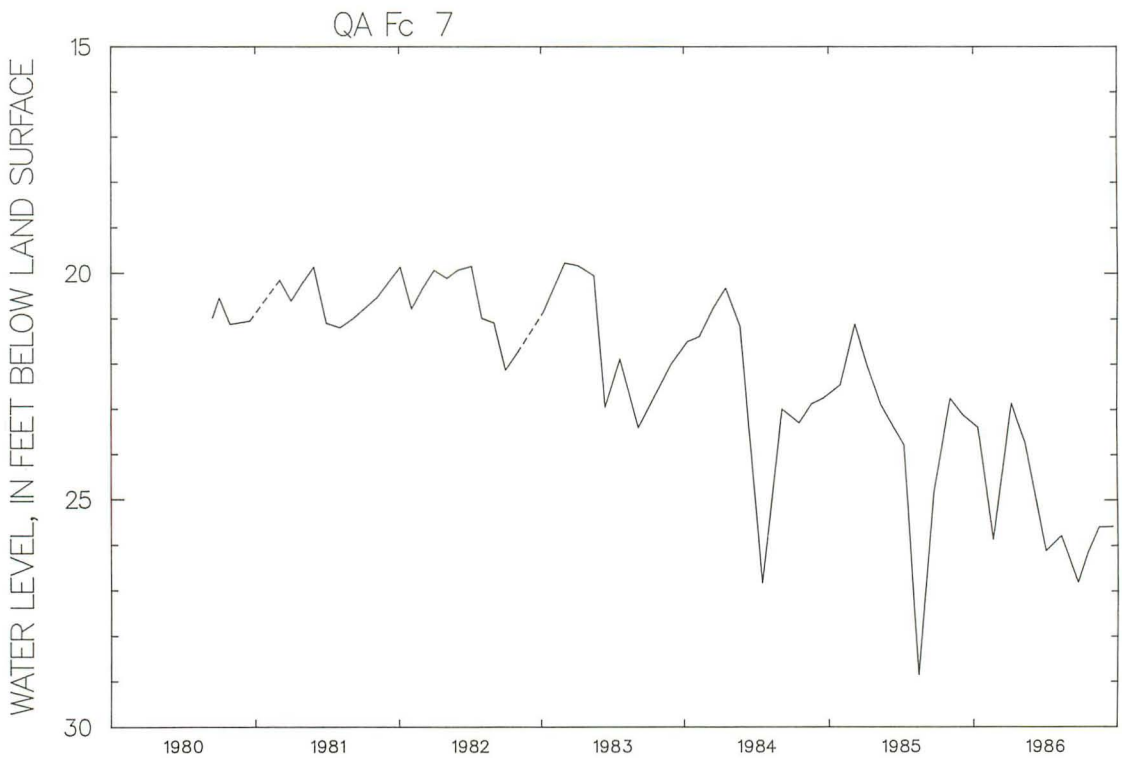
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10, 1974	5.36	JUN 21, 1977	5.66	JAN 05, 1981	6.19	JAN 10, 1984	1.89
FEB 14	1.80	AUG 09	5.98	FEB 05	5.90	FEB 09	0.91
MAR 14	2.19	SEP 19	7.67	18	4.97	MAR 16	0.40
APR 18	1.33	NOV 09	7.86	APR 06	1.33	APR 16	0.40
MAY 30	3.24	DEC 05	7.53	MAY 04	0.69	MAY 22	2.13
JUL 18	5.39	JAN 05, 1978	3.40	JUN 08	2.55	JUL 17	4.51
AUG 21	5.38	FEB 28	1.80	11	2.64	SEP 05	5.38
OCT 11	5.87	APR 12	1.25	JUL 13	3.95	OCT 18	6.51
DEC 06	5.86	MAY 30	1.66	AUG 17	5.44	NOV 19	6.66
JAN 02, 1975	3.06	JUL 11	4.30	SEP 21	5.55	DEC 19	5.60
20	0.89	SEP 06	4.88	28	5.80	JAN 30, 1985	4.52
FEB 28	0.66	OCT 19	6.15	OCT 20	6.27	MAR 08	1.84
APR 17	0.93	NOV 15	6.60	NOV 24	5.79	APR 08	1.79
JUN 03	2.20	DEC 14	5.90	DEC 29	4.08	MAY 13	3.71
23	3.71	JAN 04, 1979	3.60	FEB 02, 1982	1.80	JUL 10	5.69
SEP 18	5.23	29	0.62	MAR 16	0.53	AUG 16	6.49
OCT 20	1.79	MAR 15	0.64	APR 14	0.80	SEP 23	7.40
NOV 21	1.51	APR 17	0.94	20	0.52	NOV 04	6.68
DEC 09	1.85	JUN 18	1.68	MAY 28	0.60	DEC 06	5.22
JAN 06, 1976	0.87	JUL 18	3.68	JUL 12	2.05	JAN 13, 1986	4.77
FEB 23	1.04	SEP 14	4.01	AUG 11	4.54	FEB 20	.39
MAR 26	1.44	OCT 05	2.24	SEP 20	6.33	APR 08	1.04
APR 14	1.71	NOV 23	1.22	NOV 15	6.36	MAY 12	2.84
MAY 19	3.37	JAN 04, 1980	1.69	DEC 20	3.68	JUL 03	5.78
JUN 22	5.02	MAR 04	1.48	JAN 27, 1983	1.66	AUG 11	6.75
AUG 05	6.49	APR 08	0.87	MAR 03	0.40	SEP 22	7.60
10	6.50	MAY 21	1.72	APR 06	0.45	OCT 17	8.30
NOV 12	6.78	JUN 25	4.38	MAY 17	1.57	NOV 14	7.07
DEC 15	6.19	AUG 13	5.99	JUN 14	1.55	DEC 18	5.89
JAN 04, 1977	6.44	SEP 10	6.59	JUL 22	4.87		
FEB 18	6.12	OCT 20	6.91	SEP 07	6.70		
MAR 30	6.73	29	6.62	OCT 24	7.27		
MAY 09	3.64	DEC 08	6.06	NOV 29	6.12		



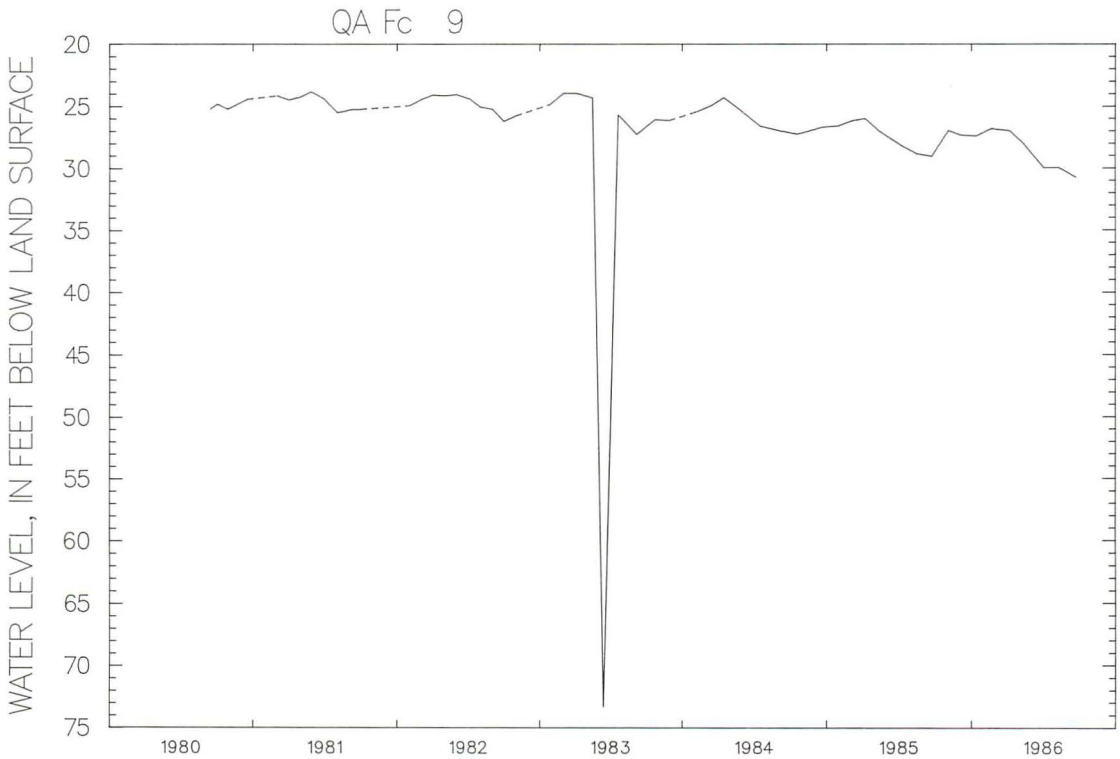
WELL NUMBER.--QA Fc 7 SITE ID.--385429076120201 PERMIT NUMBER.--QA-73-2191
LOCATION.--Lat 38°54'29", long 76°12'02", Hydrologic Unit 02060002, at Prospect Plantation.
Owner: Maryland Community Developers Incorporated.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 356 ft; casing diameter 4 in. with depth to 336 ft; screen diameter 2 in. from 336 to 356 ft.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing at land-surface datum.
PERIOD OF RECORD.--September 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.77 ft below land-surface datum, March 3, 1983; lowest measured, 28.85 ft below land-surface datum, Aug. 16, 1985.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 15, 1980	20.98	MAY 04, 1982	20.11	JAN 10, 1984	21.50	SEP 23, 1985	24.84
OCT 02	20.54	JUN 01	19.93	FEB 09	21.39	NOV 04	22.75
29	21.12	JUL 06	19.84	MAR 16	20.75	DEC 06	23.11
DEC 18	21.05	AUG 02	20.99	APR 16	20.32	JAN 13, 1986	23.39
MAR 04, 1981	20.15	SEP 02	21.09	MAY 22	21.16	FEB 20	25.86
APR 02	20.61	OCT 01	22.13	JUL 17	26.82	APR 08	22.86
30	20.22	NOV 01	21.75	SEP 05	22.99	MAY 12	23.73
MAY 29	19.86	JAN 07, 1983	20.85	OCT 18	23.29	JUL 03	26.11
JUN 30	21.10	MAR 03	19.77	NOV 19	22.87	AUG 11	25.78
AUG 03	21.20	APR 06	19.83	DEC 19	22.74	SEP 22	26.80
SEP 08	20.98	MAY 17	20.05	JAN 30, 1985	22.45	OCT 17	26.14
NOV 06	20.53	JUN 14	22.95	MAR 08	21.11	NOV 14	25.59
JAN 04, 1982	19.86	JUL 22	21.89	APR 08	22.03	DEC 18	25.58
FEB 02	20.78	SEP 07	23.40	MAY 13	22.89		
MAR 04	20.31	OCT 24	22.61	JUL 10	23.78		
APR 01	19.93	NOV 29	22.00	AUG 16	28.85		



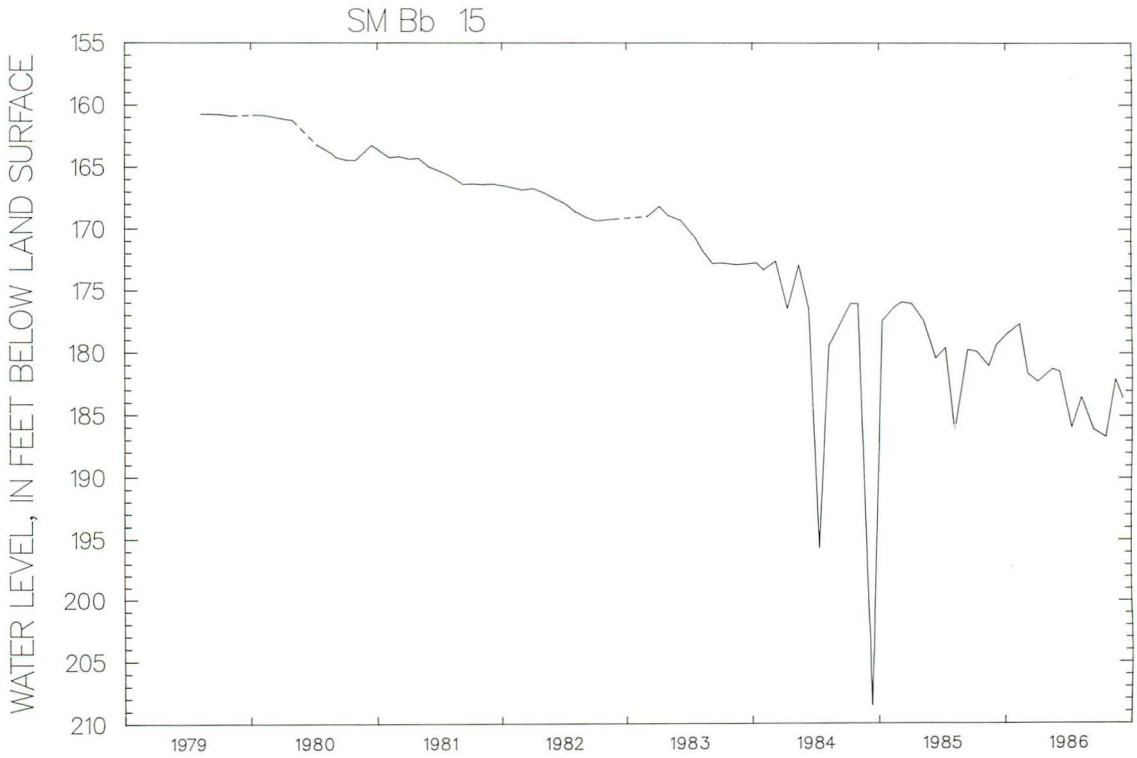
WELL NUMBER.--QA Fc 9 SITE ID.--385501076113601 PERMIT NUMBER.--QA-73-2193
LOCATION.--Lat 38°55'01", long 76°11'36", Hydrologic Unit 02060002, at Prospect Plantation.
Owner: Maryland Community Developers Incorporated.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 329 ft; casing diameter 10 in. with depth to 309 ft; screen diameter 10 in. from 309 to 329 ft.
DATUM.--Altitude of land-surface datum is 15 ft. Measuring point: Top of casing, 1.6 ft above land-surface datum.
REMARKS.--Well pumped June 14, 1983.
PERIOD OF RECORD.--September 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.80 ft below land-surface datum, May 29, 1981; lowest measured, 30.74 ft below land-surface datum, Sept. 22, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 15, 1980	25.17	MAY 04, 1982	24.12	NOV 29, 1983	26.14	AUG 16, 1985	28.84
OCT 02	24.80	JUN 01	24.03	FEB 09, 1984	25.41	SEP 23	29.06
29	25.20	JUL 06	24.40	MAR 16	24.91	NOV 04	26.97
DEC 18	24.40	AUG 02	25.04	APR 16	24.29	DEC 06	27.34
MAR 04, 1981	24.13	SEP 02	25.23	MAY 22	25.16	JAN 13, 1986	27.41
APR 02	24.47	OCT 01	26.20	JUL 17	26.62	FEB 20	26.82
30	24.23	NOV 01	25.75	SEP 05	26.99	APR 08	26.98
MAY 29	23.80	JAN 27, 1983	24.84	OCT 18	27.25	MAY 12	27.97
JUN 30	24.38	MAR 03	23.94	NOV 19	26.98	JUL 03	29.97
AUG 03	25.50	APR 06	23.94	DEC 19	26.71	AUG 11	29.97
SEP 08	25.24	MAY 17	24.31	JAN 30, 1985	26.60	SEP 22	30.74
OCT 01	25.22	JUN 14	73.33	MAR 08	26.16		
FEB 02, 1982	24.92	JUL 22	25.68	APR 08	26.00		
MAR 04	24.43	SEP 07	27.26	MAY 13	27.00		
APR 01	24.07	OCT 24	26.08	JUL 10	28.20		



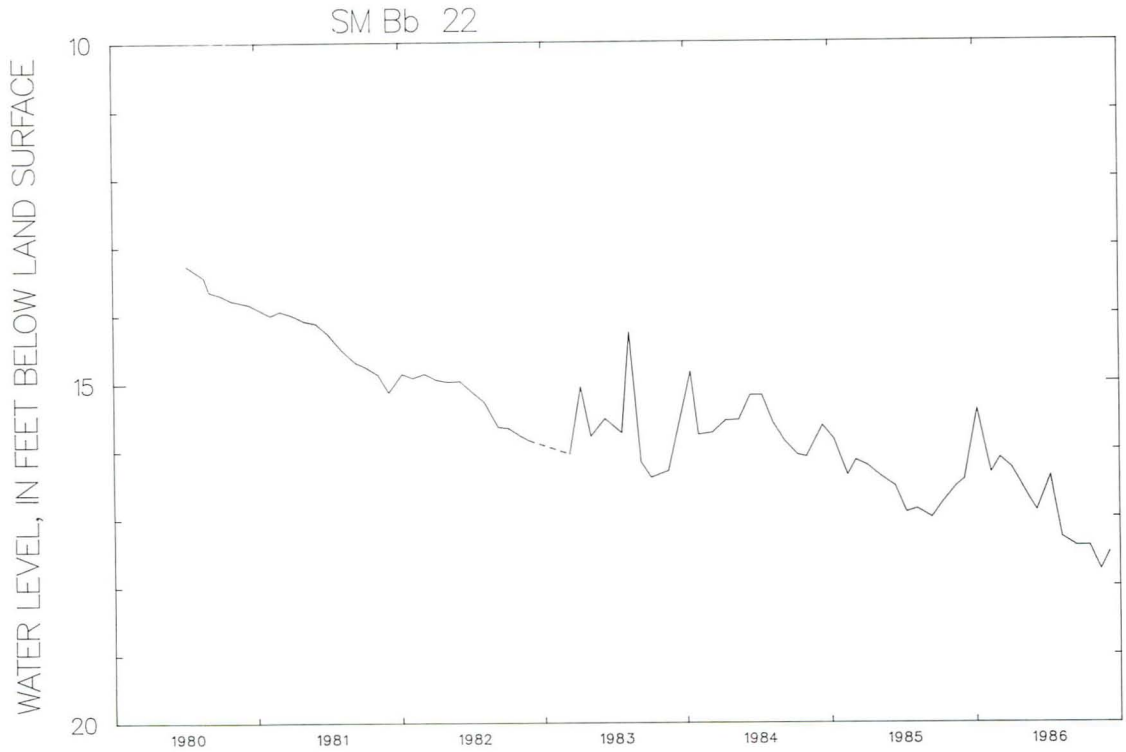
WELL NUMBER.--SM Bb 15 SITE ID.--382838076470101 PERMIT NUMBER.--SM-72-3430
LOCATION.--Lat 38°28'38", long 76°47'01", Hydrologic Unit 02070011, at Charlotte Hall.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 460 ft; casing diameter 4 in. with depth to 441 ft; casing diameter 2 in. from 441 to 450 ft; screen diameter 2 in. from 450 to 460 ft.
DATUM.--Altitude of land-surface datum is 170 ft. Measuring point: Top of casing, 1.5 ft above land-surface datum.
REMARKS.--Water levels may be affected by nearby pumping.
PERIOD OF RECORD.--August 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 160.76 ft below land-surface datum, Aug. 10, 1979, and Aug. 31, 1979; lowest measured, 208.55 ft below land-surface datum, Dec. 12, 1984.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 10, 1979	160.76	SEP 09, 1981	166.40	AUG 10, 1983	171.74	JUN 13, 1985	180.40
31	160.76	OCT 02	166.36	SEP 08	172.79	JUL 11	179.57
OCT 02	160.80	NOV 05	166.42	OCT 04	172.74	AUG 07	186.25
NOV 06	160.92	DEC 02	166.37	NOV 17	172.89	SEP 13	179.72
JAN 08, 1980	160.84	JAN 05, 1982	166.50	JAN 13, 1984	172.72	OCT 09	179.86
FEB 08	160.87	FEB 01	166.66	FEB 02	173.31	NOV 13	181.01
APR 01	161.14	MAR 01	166.83	MAR 08	172.58	DEC 04	179.34
MAY 01	161.28	APR 02	166.72	APR 11	176.44	JAN 06, 1986	178.40
JUL 09	163.22	MAY 03	167.05	MAY 14	172.90	FEB 10	177.64
AUG 22	163.94	JUN 02	167.48	JUN 12	176.48	MAR 05	181.60
SEP 04	164.25	JUL 07	167.97	JUL 12	195.69	APR 03	182.25
OCT 01	164.44	AUG 03	168.57	AUG 09	179.39	MAY 15	181.24
30	164.47	SEP 07	169.07	SEP 07	177.87	JUN 05	181.43
DEC 15	163.25	OCT 04	169.33	OCT 10	176.04	JUL 10	185.93
FEB 06, 1981	164.25	NOV 02	169.24	NOV 01	176.02	AUG 07	183.48
MAR 02	164.14	24	169.18	DEC 12	208.55	SEP 11	186.08
APR 03	164.36	MAR 03, 1983	168.95	JAN 10, 1985	177.40	OCT 16	186.69
MAY 01	164.29	APR 07	168.15	FEB 13	176.32	NOV 13	182.05
JUN 01	164.99	MAY 03	168.90	MAR 06	175.91	DEC 04	183.55
JUL 01	165.32	JUN 08	169.29	APR 04	176.01		
AUG 04	165.75	JUL 21	170.73	MAY 09	177.37		



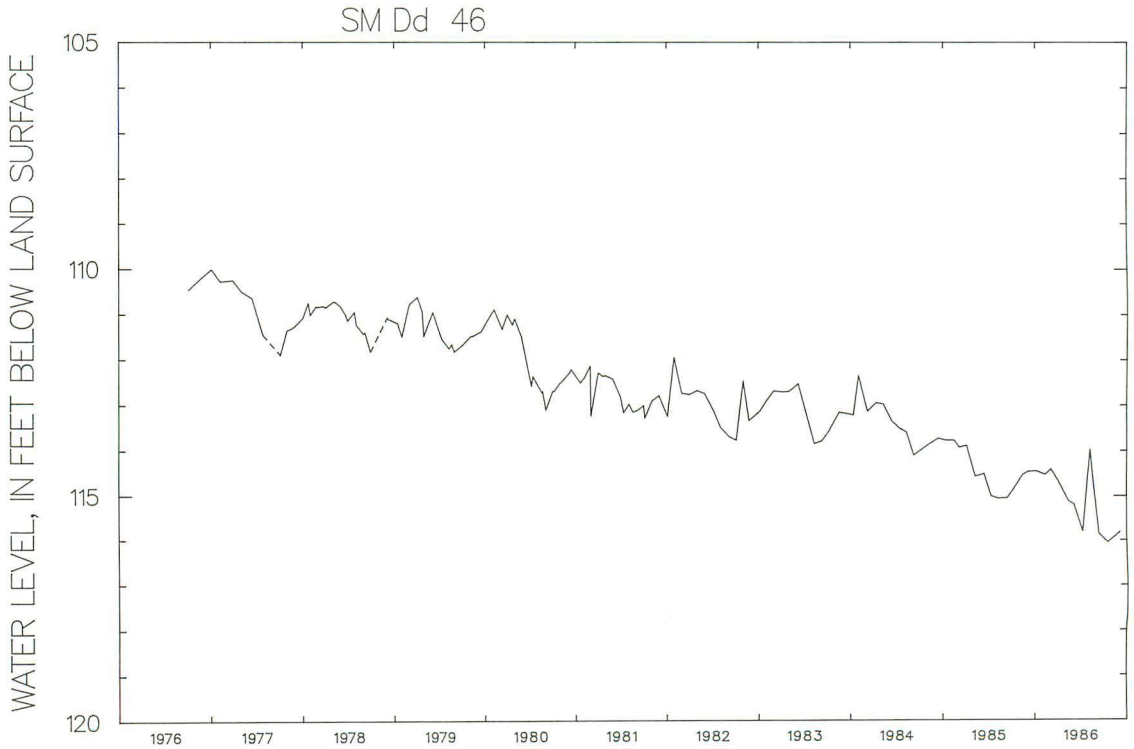
WELL NUMBER.--SM Bb 22 SITE ID.--382838076470102 PERMIT NUMBER.--SM-73-3787
LOCATION.--Lat 38°28'38", long 76°47'01", Hydrologic Unit 02070011, at Charlotte Hall.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 218 ft; casing diameter 4 in. with depth to 210 ft; screen diameter 2 in. from 210 to 218 ft.
DATUM.--Altitude of land-surface datum is 170 ft. Measuring point: Top of casing, 1.7 ft above land-surface datum.
PERIOD OF RECORD.--July 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.27 ft below land-surface datum, July 9, 1980; lowest measured, 17.77 ft below land-surface datum, Nov. 13, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 09, 1980	13.27	MAR 03, 1982	14.86	JAN 13, 1984	14.84	AUG 07, 1985	16.87
AUG 22	13.44	APR 02	14.95	FEB 02	15.77	SEP 13	17.00
SEP 04	13.65	MAY 03	14.98	MAR 08	15.74	OCT 09	16.79
OCT 01	13.70	JUN 02	14.97	APR 11	15.56	NOV 13	16.54
30	13.78	JUL 07	15.15	MAY 14	15.55	DEC 04	16.44
DEC 15	13.84	AUG 03	15.28	JUN 12	15.19	JAN 06, 1986	15.41
FEB 06, 1981	14.00	SEP 07	15.65	JUL 12	15.19	FEB 10	16.34
MAR 02	13.94	OCT 04	15.67	AUG 09	15.60	MAR 05	16.12
APR 03	14.00	NOV 02	15.78	SEP 07	15.87	APR 03	16.27
MAY 01	14.08	24	15.85	OCT 10	16.07	MAY 15	16.70
JUN 01	14.12	MAR 09, 1983	16.05	NOV 01	16.10	JUN 05	16.90
JUL 01	14.27	APR 07	15.06	DEC 12	15.64	JUL 10	16.39
AUG 04	14.50	MAY 03	15.79	JAN 10, 1985	15.85	AUG 07	17.29
SEP 09	14.69	JUN 08	15.53	FEB 13	16.37	SEP 11	17.42
OCT 02	14.75	JUL 21	15.74	MAR 06	16.15	OCT 16	17.42
NOV 05	14.87	AUG 10	14.26	APR 04	16.23	NOV 13	17.77
DEC 02	15.13	SEP 08	16.17	MAY 09	16.40	DEC 04	17.52
JAN 05, 1982	14.86	OCT 04	16.40	JUN 13	16.54		
FEB 01	14.92	NOV 17	16.30	JUL 11	16.92		



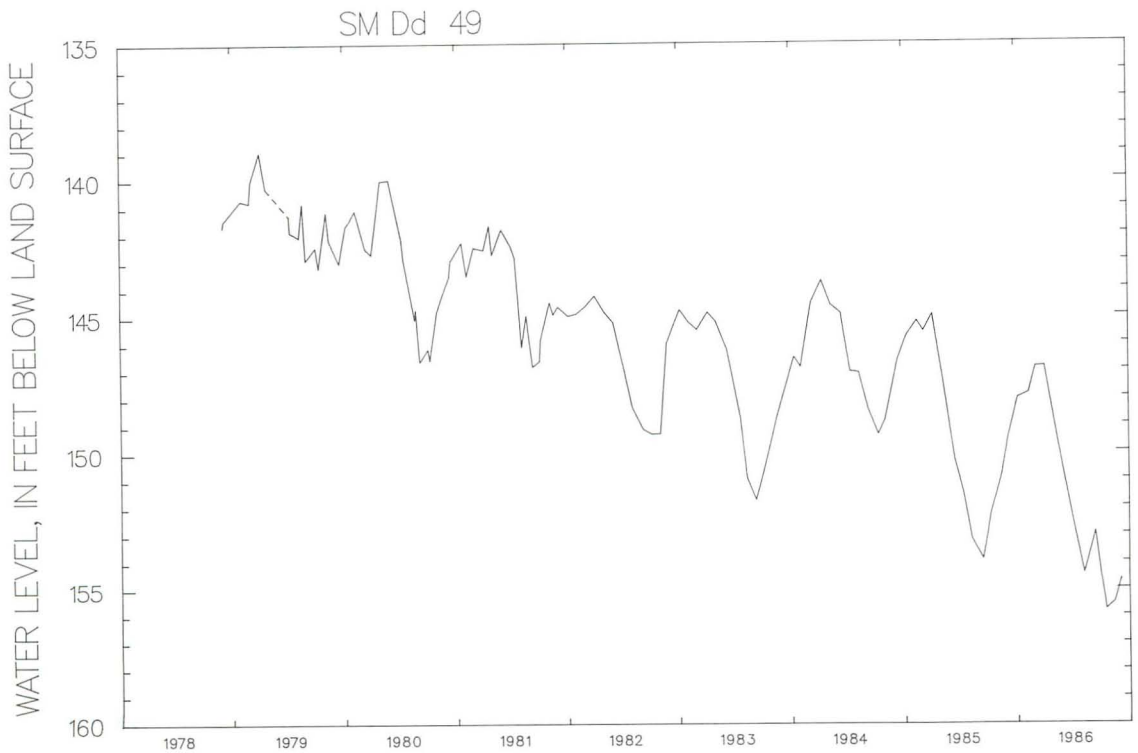
WELL NUMBER.--SM Dd 46 SITE ID.--381616076364701
LOCATION.--Lat 38°16'16", long 76°36'47", Hydrologic Unit 02070011, at Leonardtown Senior High School, Redgate. Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 296 ft; casing diameter 6 in. with depth to 150 ft; casing diameter 2 in. from 150 to 286 ft; screen diameter 2 in. from 286 to 296 ft.
DATUM.--Altitude of land-surface datum is 115 ft. Measuring point: Top of casing, 3.5 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 110.01 ft below land-surface datum, Jan. 4, 1977; lowest measured 116.05 ft below land-surface datum, Oct. 16, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 06, 1976	110.46	MAY 01, 1979	111.48	JUL 14, 1981	113.16	MAY 10, 1984	112.97
NOV 17	110.24	JUN 06	110.95	AUG 04	112.97	JUN 12	113.34
JAN 04, 1977	110.01	JUL 12	111.54	20	113.15	JUL 12	113.50
FEB 09	110.28	AUG 10	111.75	SEP 09	113.10	AUG 09	113.59
MAR 30	110.25	21	111.66	OCT 02	113.00	SEP 07	114.09
MAY 04	110.50	OCT 02	111.68	06	113.28	OCT 10	113.96
JUN 15	110.65	12	111.62	NOV 05	112.89	NOV 01	113.87
JUL 28	111.45	NOV 06	111.48	17	112.85	DEC 12	113.72
OCT 03	111.88	15	111.47	DEC 02	112.78	JAN 10, 1985	113.76
05	111.90	DEC 18	111.37	JAN 05, 1982	113.24	FEB 13	113.76
NOV 01	111.35	JAN 23, 1980	111.03	FEB 01	111.94	MAR 06	113.92
16	111.32	FEB 08	110.89	MAR 03	112.73	APR 04	113.88
DEC 02	111.26	MAR 12	111.32	APR 02	112.76	MAY 09	114.56
JAN 03, 1978	111.08	APR 01	111.00	MAY 03	112.67	JUN 13	114.50
24	110.75	22	111.23	JUN 02	112.74	JUL 11	115.00
FEB 01	111.02	MAY 01	111.09	JUL 07	113.12	AUG 07	115.05
23	110.83	28	111.48	AUG 03	113.48	SEP 13	115.04
MAR 01	110.84	JUL 08	112.57	SEP 07	113.69	OCT 09	114.83
23	110.82	14	112.36	OCT 04	113.76	NOV 13	114.52
APR 03	110.85	AUG 19	112.72	NOV 02	112.46	DEC 04	114.45
MAY 02	110.73	22	112.69	24	113.33	JAN 06, 1986	114.44
11	110.73	SEP 04	113.10	JAN 06, 1983	113.13	FEB 10	114.52
JUN 01	110.83	OCT 01	112.69	FEB 04	112.88	MAR 05	114.40
22	111.02	07	112.69	MAR 03	112.68	APR 03	114.66
JUL 27	110.95	NOV 13	112.44	APR 07	112.70	MAY 14	115.11
AUG 03	111.23	DEC 10	112.27	MAY 03	112.69	JUN 05	115.19
SEP 01	111.43	15	112.21	JUN 08	112.52	JUL 10	115.80
07	111.40	JAN 21, 1981	112.50	JUL 21	113.43	AUG 07	113.97
DEC 05	111.07	FEB 06	112.39	AUG 10	113.84	SEP 12	115.85
08	111.10	MAR 02	112.13	SEP 08	113.78	OCT 16	116.05
JAN 16, 1979	111.20	04	113.23	OCT 04	113.58	DEC 04	115.82
FEB 02	111.49	APR 03	112.28	NOV 17	113.15		
MAR 02	110.81	22	112.36	JAN 12, 1984	113.21		
07	110.76	MAY 01	112.34	FEB 02	112.34		
APR 05	110.62	JUN 01	112.42	MAR 08	113.13		
25	110.95	JUL 01	112.81	APR 11	112.94		



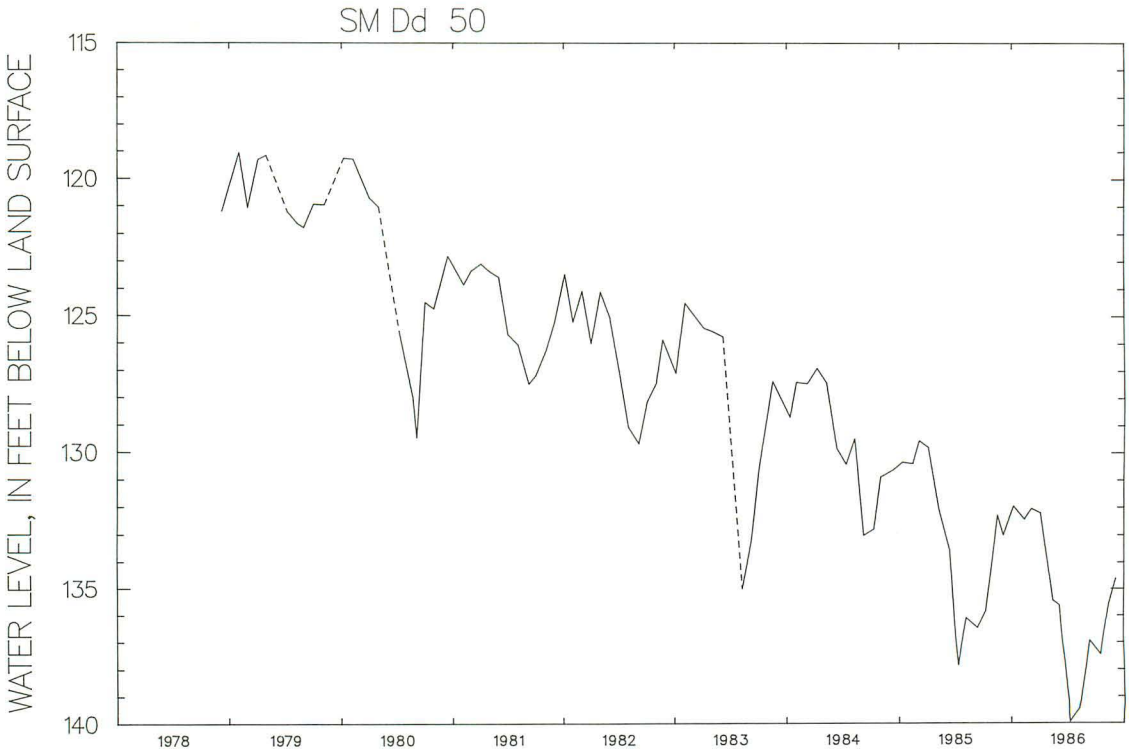
WELL NUMBER.--SM Dd 49 SITE ID.--381616076364702 PERMIT NUMBER.--SM-73-3081
LOCATION.--Lat 38°16'16", long 76°36'47", Hydrologic Unit 02070011, at Leonardtown Senior High School, Redgate. Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 619 ft; casing diameter 4 in. with depth to 279 ft; casing diameter 1.5 in. from 279 to 534 ft and 544 to 619 ft; screen diameter 3 in. from 534 to 544 ft.
DATUM.--Altitude of land-surface datum is 115 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--December 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 138.95 ft below land-surface datum, April 5, 1979; lowest measured, 155.81 ft below land-surface datum, Oct. 16, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 05, 1978	141.68	OCT 01, 1980	146.17	JUL 07, 1982	146.97	JAN 10, 1985	145.77
08	141.46	07	146.59	AUG 03	148.36	FEB 13	145.22
FEB 02, 1979	140.71	NOV 13	144.33	SEP 07	149.15	MAR 06	145.60
MAR 02	140.80	DEC 10	143.53	OCT 04	149.33	APR 04	144.98
07	140.01	15	142.95	NOV 02	149.31	MAY 09	147.49
APR 05	138.95	JAN 21, 1981	142.28	24	146.00	JUN 13	150.27
25	140.28	FEB 06	143.50	JAN 06, 1983	144.77	JUL 11	151.52
JUL 09	141.29	MAR 02	142.45	FEB 04	145.24	AUG 07	153.19
12	141.87	04	142.48	MAR 03	145.51	SEP 13	153.92
AUG 10	142.06	APR 03	142.55	APR 07	144.87	OCT 09	152.23
21	140.83	22	141.66	MAY 03	145.21	NOV 13	150.85
OCT 02	142.43	MAY 01	142.73	JUN 08	146.23	DEC 04	149.51
12	143.19	JUN 01	141.81	JUL 21	148.73	JAN 06, 1986	148.06
NOV 06	141.15	JUL 01	142.41	AUG 10	150.94	FEB 10	147.88
15	142.18	14	142.83	SEP 08	151.75	MAR 05	146.92
DEC 18	143.02	AUG 04	146.11	OCT 04	150.70	APR 03	146.90
JAN 08, 1980	141.67	20	144.96	NOV 17	148.70	MAY 14	149.60
23	141.43	SEP 09	146.84	JAN 12, 1984	146.52	JUN 05	150.96
FEB 08	141.10	OCT 02	146.63	FEB 02	146.90	JUL 10	152.99
MAR 12	142.48	06	145.83	MAR 08	144.53	AUG 07	154.45
APR 01	142.70	NOV 05	144.47	APR 11	143.73	SEP 12	152.94
22	140.85	17	144.93	MAY 10	144.61	OCT 16	155.81
MAY 01	140.02	DEC 02	144.64	JUN 12	144.93	NOV 12	155.53
28	139.98	JAN 05, 1982	144.98	JUL 12	147.06	DEC 04	154.68
JUL 08	142.19	FEB 01	144.90	AUG 09	147.11		
14	142.88	MAR 03	144.62	SEP 07	148.41		
AUG 19	145.09	APR 02	144.24	OCT 10	149.38		
22	144.73	MAY 03	144.83	NOV 01	148.85		
SEP 04	146.64	JUN 02	145.23	DEC 12	146.66		



WELL NUMBER.--SM Dd 50 SITE ID.--381807076380001 PERMIT NUMBER.--SM-73-3082
LOCATION.--Lat 38°18'07", long 76°38'00", Hydrologic Unit 02070011, at Leonard Hall Junior Naval Academy, Leonardtown.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 579 ft; casing diameter 4 in. with depth to 270 ft; casing diameter 2 in. from 270 to 505 ft; screen diameter 3 in. from 505 to 515 ft.
DATUM.--Altitude of land-surface datum is 90 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--December 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 119.05 ft below land-surface datum, Feb. 2, 1979; lowest measured, 139.94 ft below land-surface datum, July 10, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 08, 1978	121.19	MAY 01, 1981	123.36	APR 07, 1983	125.43	MAY 09, 1985	132.07
FEB 02, 1979	119.05	JUN 01	123.58	MAY 03	125.54	JUN 13	133.54
MAR 02	121.06	JUL 01	125.67	JUN 08	125.75	JUL 11	137.85
APR 05	119.30	AUG 04	126.06	AUG 10	135.00	AUG 07	136.09
MAY 01	119.15	SEP 09	127.49	SEP 08	133.19	SEP 13	136.46
JUL 09	121.20	OCT 02	127.16	OCT 04	130.52	OCT 09	135.83
AUG 10	121.63	NOV 05	126.25	NOV 17	127.38	NOV 15	132.28
31	121.78	DEC 02	125.24	JAN 12, 1984	128.69	DEC 04	133.00
OCT 02	120.93	JAN 05, 1982	123.46	FEB 02	127.40	JAN 06, 1986	131.95
NOV 06	120.95	FEB 01	125.21	MAR 08	127.46	FEB 10	132.43
JAN 08, 1980	119.25	MAR 03	124.08	APR 09	126.90	MAR 05	132.04
FEB 08	119.29	APR 02	126.00	MAY 10	127.43	APR 03	132.20
APR 01	120.70	MAY 03	124.11	JUN 12	129.84	MAY 15	135.43
MAY 01	121.03	JUN 02	125.03	JUL 12	130.42	JUN 05	135.62
JUL 09	125.63	JUL 07	127.20	AUG 09	129.48	JUL 10	139.94
AUG 22	127.98	AUG 03	129.05	SEP 07	133.01	AUG 07	139.47
SEP 04	129.46	SEP 07	129.67	OCT 10	132.78	SEP 12	136.93
OCT 01	124.50	OCT 04	128.12	NOV 01	130.88	OCT 16	137.45
30	124.74	NOV 02	127.47	DEC 12	130.62	NOV 12	135.58
DEC 15	122.81	24	125.86	JAN 10, 1985	130.34	DEC 04	134.62
FEB 06, 1981	123.85	JAN 06, 1983	127.08	FEB 13	130.39		
MAR 02	123.35	FEB 04	124.51	MAR 06	129.55		
APR 03	123.09	MAR 03	124.92	APR 04	129.80		



WELL NUMBER.--SM Dd 62 SITE ID.--381616076364703 PERMIT NUMBER.--SM-73-3786

LOCATION.--Lat 38°16'16", 76°36'47", Hydrologic Unit 02070011, at Leonardtown Senior High School, Redgate. Owner: U.S. Geological Survey.

AQUIFER.--Piney Point Formation.

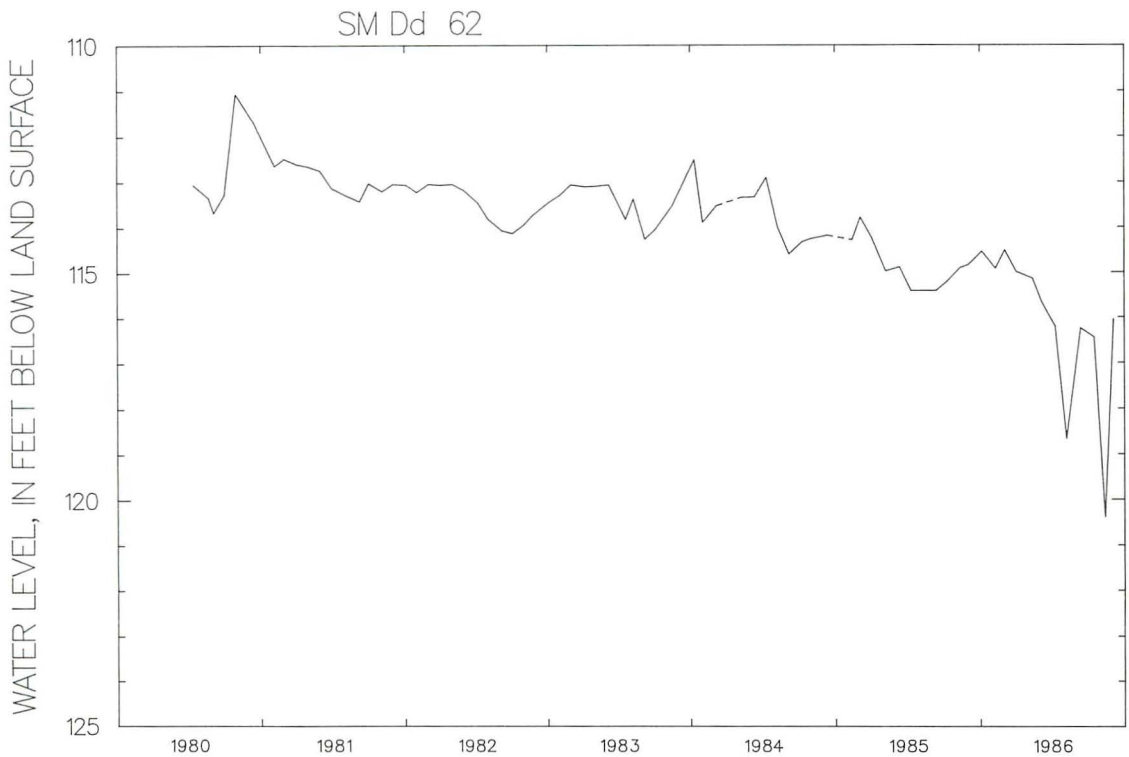
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 358 ft; casing diameter 4 in. with depth to 210 ft; casing diameter 2 in. from 210 to 348 ft; screen diameter 2 in. from 348 to 358 ft.

DATUM.--Altitude of land-surface datum is 115 ft. Measuring point: Top of casing, 0.95 ft above land-surface datum.

PERIOD OF RECORD.--July 1980 to current year.

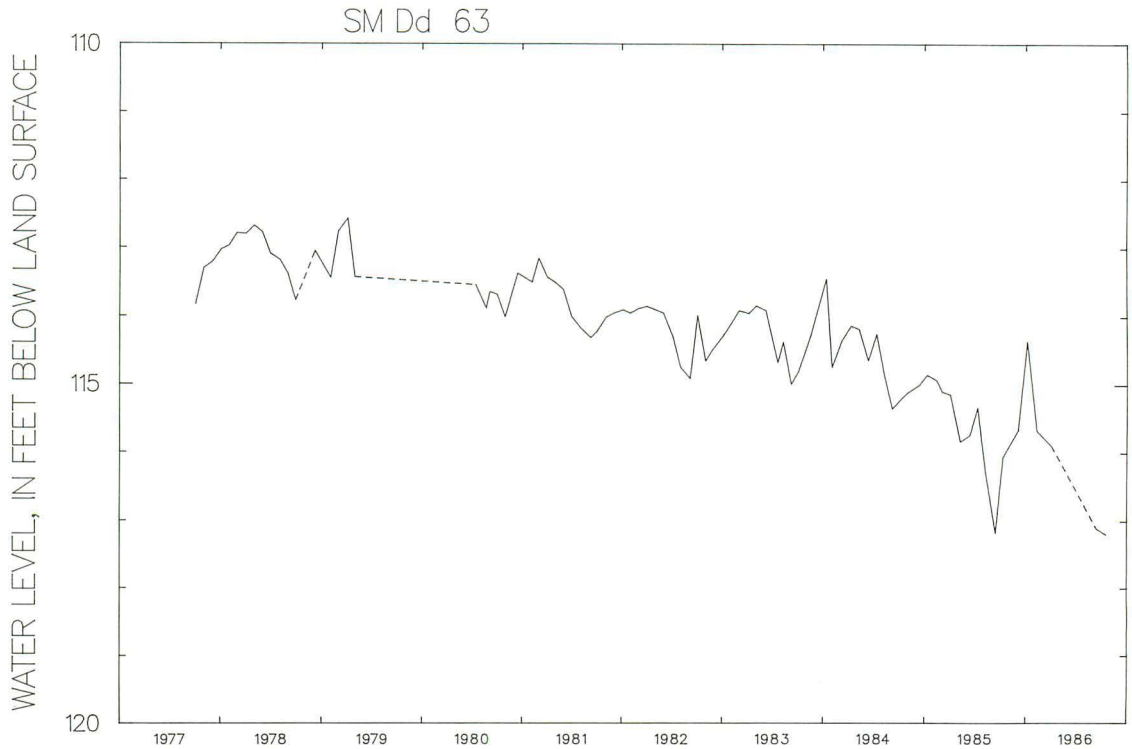
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 111.06 ft below land-surface datum, Oct. 30, 1980; lowest measured, 120.39 ft below land-surface datum, Nov. 12, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 14, 1980	113.05	MAR 03, 1982	113.04	OCT 04, 1983	114.05	AUG 07, 1985	115.41
AUG 22	113.34	APR 02	113.06	NOV 17	113.52	SEP 13	115.41
SEP 04	113.67	MAY 03	113.04	JAN 12, 1984	112.51	OCT 09	115.22
OCT 01	113.27	JUN 02	113.18	FEB 02	113.89	NOV 13	114.90
30	111.06	JUL 07	113.45	MAR 08	113.52	DEC 04	114.83
DEC 15	111.68	AUG 03	113.81	MAY 10	113.34	JAN 06, 1986	114.54
FEB 06, 1981	112.64	SEP 07	114.07	JUN 12	113.33	FEB 10	114.92
MAR 02	112.48	OCT 04	114.13	JUL 12	112.90	MAR 05	114.51
APR 03	112.60	NOV 02	113.94	AUG 09	113.99	APR 03	114.99
MAY 01	112.65	24	113.73	SEP 07	114.59	MAY 14	115.14
JUN 01	112.74	JAN 06, 1983	113.44	OCT 10	114.32	JUN 05	115.65
JUL 01	113.13	FEB 04	113.28	NOV 01	114.25	JUL 10	116.21
AUG 04	113.28	MAR 03	113.06	DEC 12	114.18	AUG 07	118.66
SEP 09	113.42	APR 08	113.10	FEB 13, 1985	114.28	SEP 12	116.25
OCT 02	113.02	MAY 03	113.09	MAR 06	113.78	OCT 16	116.45
NOV 05	113.20	JUN 08	113.06	APR 04	114.24	NOV 12	120.39
DEC 02	113.04	JUL 21	113.82	MAY 09	114.97	DEC 04	116.06
JAN 05, 1982	113.06	AUG 10	113.37	JUN 13	114.88		
FEB 01	113.22	SEP 08	114.26	JUL 11	115.41		



WELL NUMBER.--SM Dd 63 SITE ID.--381615076364701 PERMIT NUMBER.--SM-73-3785
LOCATION.--Lat 38°16'15", long 76°36'47", Hydrologic Unit 02070011, at Leonardtown Senior High School, Redgate. Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 356 ft; casing diameter 4 in. with depth to 327 ft; casing diameter 2 in. from 327 to 346 ft; screen diameter 2 in. from 346 to 356 ft.
DATUM.--Altitude of land-surface datum is 115 ft. Measuring point: Top of casing, 1.55 ft above land-surface datum.
PERIOD OF RECORD.--October 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 112.57 ft below land-surface datum, April 5, 1979; lowest measured, 117.19 ft below land-surface datum, Oct. 16, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 03, 1977	113.83	OCT 30, 1980	114.01	OCT 04, 1982	113.98	SEP 07, 1984	115.35
NOV 01	113.30	DEC 15	113.37	NOV 02	114.65	OCT 10	115.20
DEC 02	113.21	FEB 06, 1981	113.50	24	114.50	NOV 01	115.11
JAN 03, 1978	113.03	MAR 02	113.15	JAN 06, 1983	114.27	DEC 12	115.00
FEB 01	112.97	APR 03	113.43	FEB 04	114.09	JAN 10, 1985	114.85
MAR 01	112.79	MAY 01	113.50	MAR 03	113.91	FEB 13	114.93
APR 03	112.80	JUN 01	113.61	APR 07	113.95	MAR 06	115.10
MAY 02	112.68	JUL 01	114.00	MAY 03	113.84	APR 04	115.14
JUN 01	112.78	AUG 04	114.17	JUN 08	113.91	MAY 09	115.83
30	113.09	SEP 09	114.31	JUL 21	114.67	JUN 13	115.73
AUG 03	113.18	OCT 02	114.22	AUG 10	114.37	JUL 11	115.33
SEP 01	113.38	NOV 05	114.01	SEP 08	114.99	AUG 07	116.27
29	113.77	DEC 02	113.95	OCT 04	114.80	SEP 13	117.17
DEC 08	113.05	JAN 05, 1982	113.90	NOV 17	114.27	OCT 09	116.06
FEB 02, 1979	113.44	FEB 01	113.95	JAN 12, 1984	113.44	DEC 04	115.66
MAR 02	112.76	MAR 03	113.88	FEB 02	114.74	JAN 06, 1986	114.35
APR 05	112.57	APR 02	113.85	MAR 08	114.35	FEB 10	115.67
MAY 01	113.43	MAY 03	113.90	APR 11	114.13	APR 03	115.89
JUL 14, 1980	113.54	JUN 02	113.95	MAY 10	114.18	SEP 12	117.10
AUG 22	113.88	JUL 07	114.30	JUN 12	114.64	OCT 16	117.19
SEP 04	113.64	AUG 03	114.74	JUL 12	114.25		
OCT 01	113.68	SEP 07	114.91	AUG 09	114.85		



WELL NUMBER.--SM Df 26 SITE ID.--381732076294001
LOCATION.--Lat 38°17'32", long 76°29'40", Hydrologic Unit 02070006, at California, east of MD Rt. 235.
Owner: Thomas K. Clarke.
AQUIFER.--Sunderland Formation.
WELL CHARACTERISTICS.--Dug, brick and cement-lined water-table well, depth 68 ft; casing diameter 48 to 36 in.
DATUM.--Altitude of land-surface datum is 110 ft. Measuring point: Top of concrete-flooring at land-surface datum.
REMARKS.--Discontinued as observation well; well being used for domestic supply.
PERIOD OF RECORD.--November 1946 to October 1983.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.93 ft below land-surface datum, April 21, 1980, and May 29, 1980; lowest measured, 61.49 ft below land-surface datum, July 2, 1956.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 14, 1946	53.66	FEB 28, 1956	57.21	FEB 06, 1962	52.26	DEC 02, 1968	54.33
JAN 31, 1947	53.26	APR 03	57.05	MAR 09	52.35	JAN 13, 1969	54.50
FEB 21	53.03	MAY 01	57.12	APR 05	51.93	FEB 12	54.43
MAR 06	53.12	JUN 05	56.57	24	50.77	APR 02	54.07
17	52.93	JUL 02	61.49	JUN 05	51.19	MAY 08	53.72
APR 08	53.09	31	56.64	JUL 03	51.90	JUN 19	53.81
22	52.95	SEP 04	54.62	AUG 01	52.02	JUL 30	53.78
JUN 12	52.63	OCT 02	57.19	SEP 04	52.11	SEP 04	53.28
24	52.56	30	56.76	OCT 09	52.70	OCT 28	53.10
MAR 09, 1949	51.17	DEC 04	56.40	NOV 05	52.27	DEC 29	53.18
APR 13	50.86	JAN 03, 1957	55.32	DEC 03	53.01	FEB 28, 1970	51.22
MAY 13	50.70	FEB 07	55.88	JAN 08, 1963	53.16	MAY 05	52.28
JUN 06	50.57	MAR 05	55.33	FEB 13	52.71	JUL 01	52.20
JUL 15	50.95	APR 02	54.65	MAR 05	52.40	SEP 03	52.29
AUG 04	50.89	30	54.48	APR 02	52.26	NOV 03	52.58
19	50.99	MAY 27	54.35	30	52.07	DEC 28	52.97
SEP 10	51.40	JUL 01	53.50	JUN 03	51.74	MAR 04, 1971	52.77
28	51.23	AUG 06	54.41	JUL 16	52.09	APR 22	52.48
OCT 14	51.55	SEP 03	54.46	SEP 03	52.34	MAY 27	52.56
NOV 22	51.67	OCT 07	54.62	OCT 11	53.40	AUG 27	51.77
DEC 21	52.02	NOV 07	54.46	DEC 10	52.16	OCT 27	52.42
JAN 25, 1950	52.43	DEC 03	54.66	JAN 06, 1964	51.82	DEC 30	52.51
MAR 06	52.71	JAN 13, 1958	54.07	FEB 10	51.71	FEB 29, 1972	52.50
APR 07	52.54	FEB 04	53.80	MAR 10	52.55	MAY 01	51.66
MAY 04	52.60	MAR 04	53.36	30	52.67	JUN 26	51.25
JUN 09	52.27	APR 02	52.56	MAY 06	52.07	JUL 06	51.08
JUL 07	52.45	MAY 06	51.30	JUN 04	52.35	SEP 02	50.83
AUG 03	52.44	JUN 04	50.65	JUL 01	53.01	NOV 09	51.16
SEP 08	52.46	30	50.47	AUG 11	53.50	JAN 05, 1973	50.82
OCT 05	52.94	AUG 07	50.67	SEP 01	53.74	FEB 22	50.14
FEB 14, 1951	54.24	SEP 04	50.48	OCT 01	53.43	MAR 26	49.98
APR 12	53.72	30	50.65	NOV 12	53.86	MAY 01	50.07
MAY 25	53.93	NOV 05	51.03	DEC 02	53.22	JUN 20	50.32
JUL 09	53.95	DEC 02	51.41	JAN 07, 1965	53.51	JUL 31	50.61
SEP 30	53.74	JAN 05, 1959	51.26	FEB 04	53.39	SEP 12	51.02
NOV 20	54.33	FEB 03	51.82	MAR 04	53.20	OCT 30	51.18
JAN 16, 1952	54.37	MAR 03	52.16	APR 06	52.89	DEC 05	51.50
MAR 14	53.28	31	52.31	MAY 06	53.60	JAN 10, 1974	51.88
APR 03	53.07	MAY 05	52.67	JUN 03	53.72	FEB 21	52.24
30	52.55	JUN 04	52.74	JUL 07	53.85	MAR 29	52.22
JUN 03	53.10	29	53.45	31	53.79	MAY 08	52.13
JUL 21	51.94	AUG 04	52.58	SEP 30	53.71	JUN 05	52.24
SEP 03	52.43	SEP 01	52.64	OCT 26	53.76	JUL 10	52.30
OCT 29	52.90	OCT 07	52.79	DEC 03	53.80	AUG 15	52.49
DEC 22	53.30	NOV 09	53.31	JAN 05, 1966	53.49	SEP 16	52.56
FEB 09, 1953	53.62	JAN 05, 1960	53.49	FEB 04	53.41	OCT 23	52.61
MAR 17	53.18	FEB 02	53.57	MAR 04	53.51	DEC 05	52.97
APR 16	52.84	25	53.70	APR 06	53.39	JAN 07, 1975	53.16
JUN 18	52.91	APR 05	53.27	29	53.34	30	53.13
JUL 15	53.14	MAY 02	52.57	JUN 01	53.79	MAR 18	52.64
SEP 02	53.36	31	52.66	JUL 25	54.16	APR 14	52.32
OCT 13	53.87	JUL 05	52.60	SEP 15	54.15	MAY 15	52.52
NOV 23	53.91	AUG 02	52.59	OCT 20	54.68	JUL 02	51.91
DEC 30	54.23	SEP 08	52.70	NOV 22	54.27	AUG 20	51.94
FEB 04, 1954	54.29	OCT 17	52.49	JAN 23, 1967	54.26	OCT 09	51.89
APR 06	54.65	NOV 08	53.05	FEB 16	54.24	NOV 19	51.78
MAY 18	54.82	DEC 07	52.86	APR 04	54.08	DEC 22	51.63
JUN 30	54.90	JAN 04, 1961	52.82	MAY 16	53.84	30	51.84
AUG 07	55.16	FEB 01	52.76	JUN 28	53.55	FEB 05, 1976	51.42
OCT 12	55.82	MAR 02	52.70	AUG 04	53.80	MAR 17	51.10
NOV 29	55.56	APR 04	52.53	SEP 18	55.10	APR 13	50.86
DEC 28	55.76	MAY 08	52.38	OCT 17	53.81	JUN 09	51.26
FEB 25, 1955	56.15	31	52.19	NOV 17	53.88	JUL 15	51.42
APR 26	56.18	JUN 27	50.52	JAN 10, 1968	54.10	AUG 24	52.12
JUL 11	56.45	AUG 02	50.70	MAR 05	53.91	OCT 06	52.10
SEP 27	56.35	30	50.16	APR 20	53.51	NOV 17	52.14
NOV 07	56.43	OCT 03	51.36	JUN 12	53.62	JAN 04, 1977	52.27
DEC 05	57.18	31	51.92	JUL 17	53.82	FEB 09	52.28
JAN 10, 1956	57.07	DEC 05	51.61	SEP 04	54.00	MAR 30	52.40
FEB 06	58.14	JAN 02, 1962	52.35	OCT 17	54.23	MAY 04	52.42

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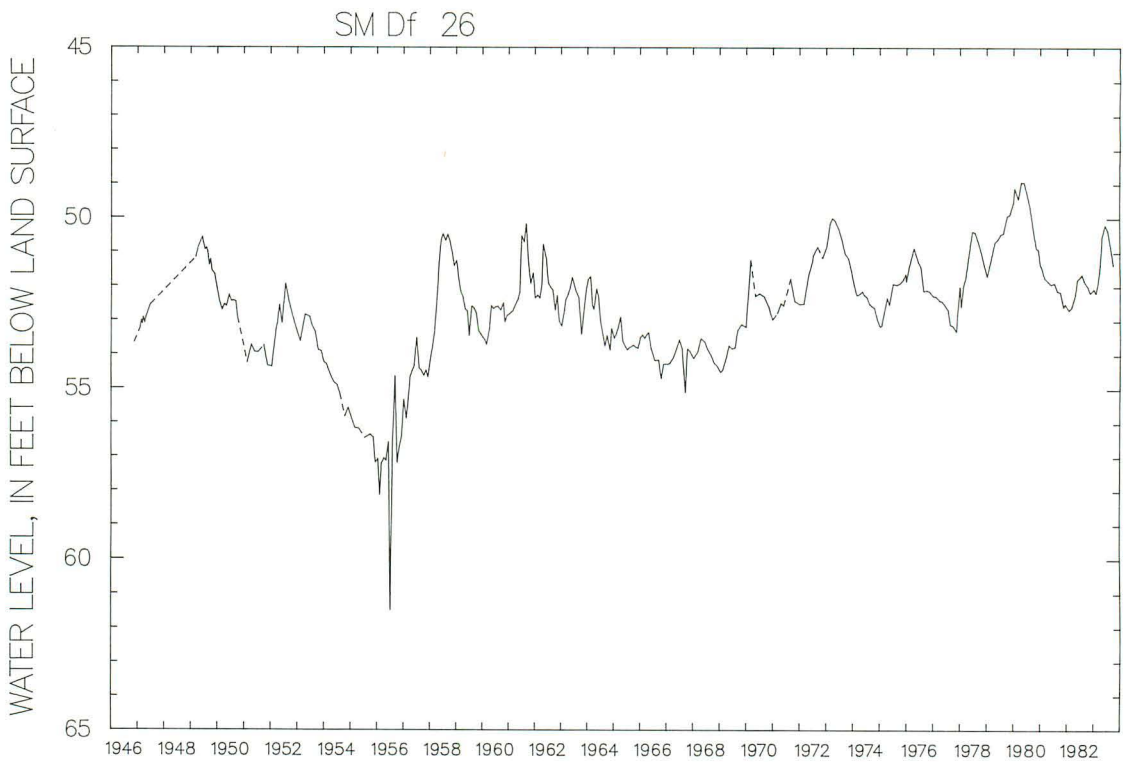
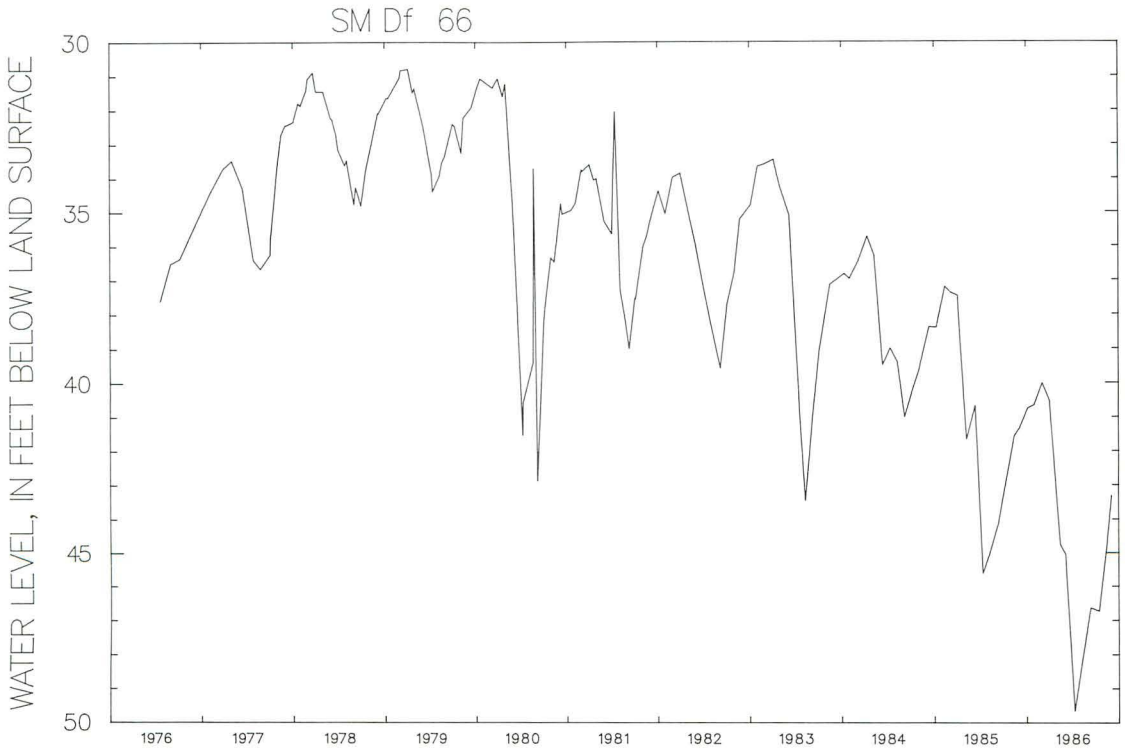
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 15, 1977	52.54	MAR 07, 1979	51.17	NOV 12, 1980	50.86	JUL 27, 1982	51.64
JUL 28	52.67	APR 24	50.70	DEC 09	50.91	AUG 30	51.84
AUG 25	53.09	JUN 05	50.60	JAN 05, 1981	51.36	OCT 14	51.98
OCT 05	53.15	JUL 13	50.46	20	51.41	NOV 18	52.17
NOV 16	53.30	AUG 20	50.42	MAR 03	51.73	JAN 06, 1983	52.06
JAN 03, 1978	51.99	OCT 11	49.92	APR 21	51.84	FEB 03	52.17
23	52.58	NOV 15	49.87	JUN 01	51.92	MAR 02	51.88
FEB 22	51.94	DEC 17	49.64	JUL 15	51.88	APR 07	51.38
MAR 22	51.74	JAN 03, 1980	49.54	AUG 25	52.11	MAY 02	50.53
MAY 12	50.95	22	49.10	OCT 05	52.15	JUN 14	50.18
JUN 23	50.37	MAR 11	49.42	NOV 19	52.58	JUL 20	50.35
JUL 27	50.40	APR 21	48.93	DEC 10	52.49	AUG 09	50.60
SEP 08	50.68	MAY 29	48.93	FEB 02, 1982	52.67	SEP 07	50.99
OCT 20	50.99	JUL 07	49.26	MAR 11	52.58	OCT 03	51.36
DEC 06	51.40	AUG 18	49.65	APR 28	52.23		
JAN 09, 1979	51.69	OCT 06	50.38	MAY 25	51.79		



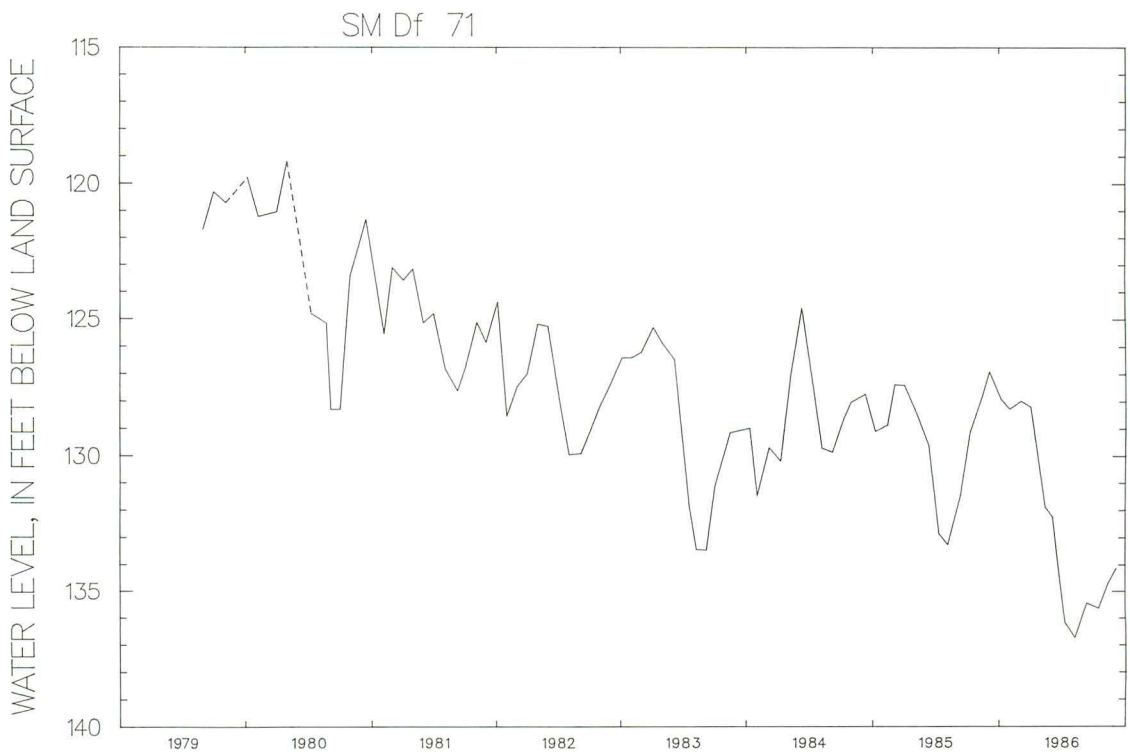
WELL NUMBER.--SM Df 66 SITE ID.--381841076284401 PERMIT NUMBER.--SM-73-1990
LOCATION.--Lat 38°18'41", long 76°28'44", Hydrologic Unit 02060006, 0.8 mi south of Town Point.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 258 ft; casing diameter 6 in. with depth to 84 ft; casing diameter 2 in. from 84 to 248 ft; screen diameter 2 in. from 248 to 258 ft.
DATUM.--Altitude of land-surface datum is 15 ft. Measuring point: Top of casing, 3.55 ft above land-surface datum.
PERIOD OF RECORD.--July 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.79 ft below land-surface datum, April 5, 1979; lowest measured, 49.66 ft below land-surface datum, July 9, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 21, 1976	37.60	MAR 07, 1979	30.83	APR 21, 1981	34.05	FEB 01, 1984	36.97
SEP 01	36.50	APR 05	30.79	MAY 01	34.01	MAR 07	36.45
OCT 08	36.36	24	31.48	JUN 01	35.27	APR 11	35.72
NOV 17	35.71	MAY 01	31.36	JUL 01	35.64	MAY 09	36.28
JAN 04, 1977	34.94	JUN 05	32.46	15	32.04	JUN 11	39.48
FEB 09	34.38	JUL 09	33.87	AUG 04	37.30	JUL 11	38.99
MAR 30	33.71	13	34.38	25	38.21	AUG 08	39.39
MAY 04	33.47	AUG 10	33.90	SEP 09	39.00	SEP 05	41.00
JUN 15	34.27	20	33.52	OCT 02	37.54	OCT 09	40.14
JUL 28	36.40	OCT 02	32.39	05	37.55	31	39.65
AUG 25	36.66	11	32.46	NOV 05	36.00	DEC 11	38.38
OCT 03	36.24	NOV 06	33.24	19	35.70	JAN 09, 1985	38.39
05	35.76	14	32.22	DEC 02	35.27	FEB 12	37.20
NOV 01	33.66	DEC 17	31.91	JAN 05, 1982	34.37	MAR 05	37.37
16	32.72	JAN 08, 1980	31.36	FEB 01	35.05	APR 03	37.47
DEC 02	32.45	22	31.07	MAR 03	33.97	MAY 08	41.66
JAN 03, 1978	32.34	FEB 08	31.16	APR 02	33.85	JUN 12	40.67
23	31.79	MAR 11	31.34	MAY 03	34.97	JUL 11	45.62
FEB 01	31.87	APR 01	31.07	JUN 02	35.97	AUG 06	45.06
24	31.41	21	31.59	JUL 07	37.39	SEP 11	44.10
MAR 01	31.09	MAY 01	31.22	AUG 03	38.37	OCT 08	43.03
22	30.89	29	34.76	SEP 07	39.57	NOV 13	41.56
APR 03	31.45	JUL 07	41.53	OCT 04	37.71	DEC 04	41.33
MAY 02	31.45	09	40.57	NOV 02	36.78	JAN 06, 1986	40.75
JUN 01	32.23	AUG 18	39.40	24	35.21	31	40.65
07	32.27	22	33.70	JAN 06, 1983	34.79	MAR 04	40.01
JUL 27	33.61	SEP 04	42.88	FEB 03	33.65	APR 02	40.52
AUG 03	33.46	OCT 01	38.16	MAR 02	33.59	MAY 14	44.76
SEP 01	34.76	06	37.76	APR 07	33.45	JUN 04	45.05
08	34.25	NOV 12	36.47	MAY 02	34.25	JUL 09	49.66
OCT 20	33.71	DEC 09	34.74	JUN 08	35.09	AUG 06	48.30
DEC 06	32.08	15	35.06	JUL 20	41.15	SEP 11	46.63
08	32.10	JAN 20, 1981	34.94	AUG 09	43.45	OCT 15	46.73
JAN 09, 1979	31.65	FEB 06	34.73	SEP 07	40.98	NOV 12	44.95
16	31.64	MAR 02	33.74	OCT 03	39.09	DEC 03	43.32
FEB 02	31.42	03	33.81	NOV 16	37.14		
MAR 02	31.05	APR 03	33.60	JAN 12, 1984	36.82		



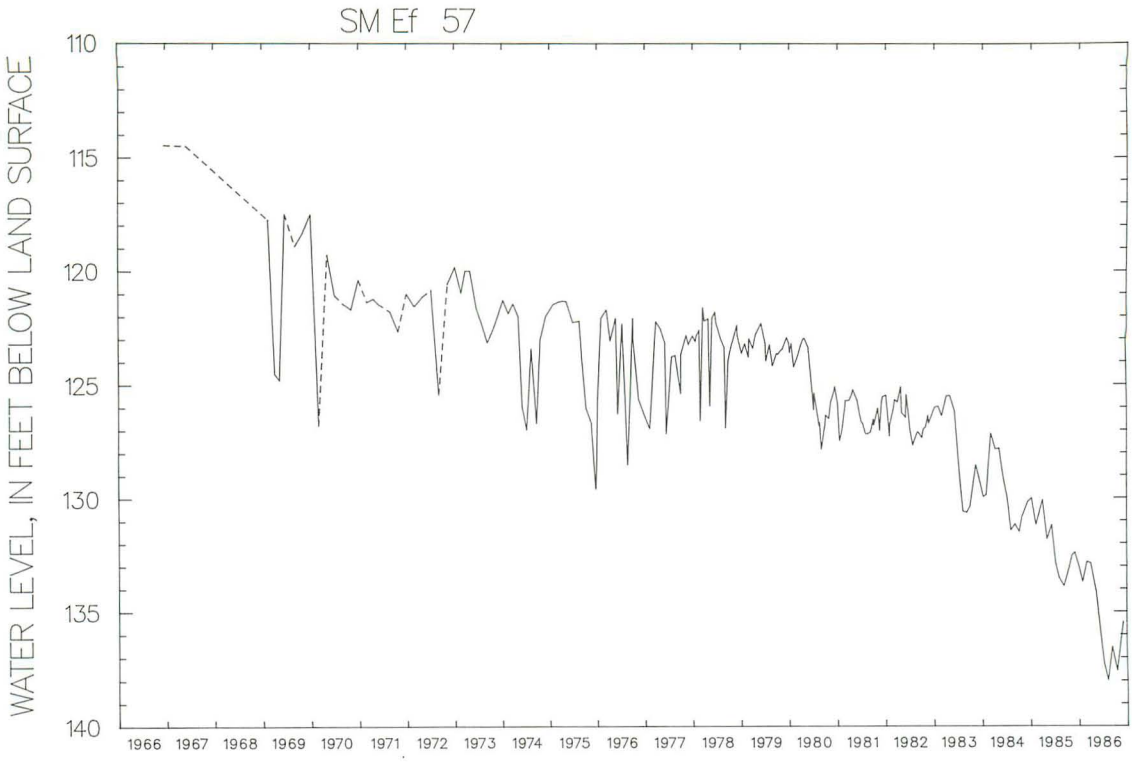
WELL NUMBER.--SM Df 71 SITE ID.--381527076283101 PERMIT NUMBER.--SM-73-3431
LOCATION.--Lat 38°15'27", long 76°28'31", Hydrologic Unit 02070011, at Great Mills Rd, Lexington Park.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 560 ft; casing diameter 4 in. with depth to 420 ft; casing diameter 2 in. from 420 to 550 ft; screen diameter 2 in. from 550 to 560 ft.
DATUM.--Altitude of land-surface datum is 65 ft. Measuring point: Top of casing, 1.3 ft above land-surface datum.
PERIOD OF RECORD.--August 1979 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 119.19 ft below land-surface datum, May 1, 1980; lowest measured, 136.73 ft below land-surface datum, Aug. 6, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 31, 1979	121.69	NOV 05, 1981	125.12	SEP 08, 1983	133.46	AUG 06, 1985	133.25
OCT 02	120.30	DEC 02	125.85	OCT 03	131.09	SEP 11	131.46
NOV 06	120.71	JAN 05, 1982	124.37	NOV 16	129.14	OCT 09	129.12
JAN 08, 1980	119.78	FEB 01	128.54	JAN 12, 1984	128.97	NOV 13	127.81
FEB 08	121.21	MAR 03	127.47	FEB 02	131.46	DEC 04	126.90
APR 01	121.04	APR 02	126.99	MAR 08	129.68	JAN 06, 1986	127.89
MAY 01	119.19	MAY 03	125.18	APR 10	130.18	31	128.26
JUL 09	124.80	JUN 02	125.27	MAY 09	127.07	MAR 05	127.97
AUG 22	125.16	JUL 07	128.02	JUN 11	124.58	APR 02	128.19
SEP 04	128.30	AUG 03	129.95	JUL 11	127.25	MAY 14	131.86
OCT 01	128.29	SEP 07	129.91	AUG 08	129.70	JUN 04	132.24
30	123.42	OCT 04	129.09	SEP 07	129.85	JUL 09	136.17
DEC 15	121.33	NOV 02	128.16	OCT 10	128.62	AUG 06	136.73
FEB 06, 1981	125.55	24	127.61	31	128.01	SEP 11	135.44
MAR 02	123.11	JAN 06, 1983	126.41	DEC 11	127.72	OCT 15	135.64
APR 03	123.58	FEB 03	126.40	JAN 09, 1985	129.09	NOV 12	134.69
MAY 01	123.16	MAR 03	126.21	FEB 13	128.85	DEC 04	134.15
JUN 01	125.14	APR 07	125.30	MAR 06	127.37		
JUL 01	124.80	MAY 03	125.86	APR 03	127.40		
AUG 04	126.83	JUN 08	126.47	MAY 08	128.42		
SEP 09	127.62	JUL 20	131.79	JUN 12	129.60		
OCT 02	126.78	AUG 10	133.43	JUL 11	132.85		



WELL NUMBER.--SM Ef 57 SITE ID.--381435076291802 PERMIT NUMBER.--SM-67-0089
LOCATION.--Lat 38°14'35", long 76°29'28", Hydrologic Unit 02070011, at Great Mills Fire Tower.
Owner: Maryland Forest, Park and Wildlife Service.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 322 ft; casing diameter 4 in. with depth to 317 ft; screen diameter 4 in. from 317 to 322 ft.
DATUM.--Altitude of land-surface datum is 108 ft. Measuring point: Top of casing, 1.5 ft above land-surface datum.
REMARKS.--Originally drilled to a depth of 1,509 ft as well SM Ef 56; finished well numbered SM Ef 57.
PERIOD OF RECORD.--December 1966, June 1967, February 1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 114.46 ft below land-surface datum, Dec. 15, 1966; lowest measured, 137.99 ft below land-surface datum, Aug. 6, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 15, 1966	114.46	DEC 22, 1975	129.59	OCT 11, 1979	123.69	AUG 30, 1982	127.11
JUN 01, 1967	114.50	30	128.59	NOV 06	123.50	SEP 07	127.10
FEB 12, 1969	117.76	JAN 06, 1976	125.68	15	123.46	OCT 04	127.35
APR 02	124.51	FEB 05	122.09	DEC 18	122.95	14	126.99
MAY 08	124.80	MAR 17	121.72	JAN 03, 1980	123.21	NOV 02	126.86
JUN 19	117.50	APR 14	123.09	08	123.62	18	126.37
SEP 04	118.91	MAY 27	122.09	FEB 08	124.25	JAN 06, 1983	126.02
OCT 31	118.35	JUN 09	126.29	MAR 11	123.75	FEB 03	125.97
DEC 31	117.51	JUL 15	122.34	APR 01	123.32	MAR 02	126.39
FEB 28, 1970	126.79	AUG 24	128.53	21	123.01	APR 07	125.52
MAY 05	119.29	OCT 05	122.09	MAY 01	123.00	MAY 03	125.50
JUL 01	121.08	06	122.99	29	123.39	JUN 07	126.18
SEP 03	121.46	NOV 17	125.67	JUL 07	126.13	JUL 21	129.38
NOV 03	121.70	JAN 04, 1977	126.42	09	125.37	AUG 10	130.59
DEC 28	120.40	FEB 09	126.93	AUG 18	126.83	SEP 08	130.65
MAR 04, 1971	121.38	MAR 30	122.24	22	126.68	OCT 03	130.37
APR 22	121.23	MAY 04	122.57	SEP 04	127.85	NOV 16	128.54
MAY 27	121.46	JUN 07	123.18	OCT 01	126.79	JAN 12, 1984	129.96
AUG 27	121.80	15	127.16	06	126.36	FEB 02	129.86
OCT 27	122.67	JUL 28	123.80	NOV 13	125.80	MAR 08	127.15
DEC 30	121.01	AUG 24	123.73	DEC 10	125.28	APR 10	127.84
FEB 29, 1972	121.57	OCT 03	125.40	15	125.11	MAY 09	127.82
MAY 01	121.15	05	123.72	JAN 05, 1981	125.88	JUN 11	129.16
JUL 06	120.84	NOV 16	122.85	20	127.48	JUL 11	130.05
SEP 02	125.44	DEC 02	123.26	FEB 06	127.05	AUG 08	131.43
NOV 09	120.59	JAN 03, 1978	122.87	MAR 02	125.91	SEP 07	131.16
JAN 05, 1973	119.84	24	123.12	03	125.72	OCT 09	131.50
FEB 22	120.98	FEB 01	122.88	APR 03	125.70	31	130.81
MAR 26	120.01	22	122.62	21	125.45	DEC 11	130.18
MAY 01	120.01	MAR 01	126.59	MAY 01	125.24	JAN 09, 1985	130.01
JUN 20	121.65	23	121.63	JUN 01	125.71	FEB 13	131.19
JUL 31	122.35	APR 03	122.23	JUL 01	126.62	MAR 05	130.75
SEP 12	123.16	MAY 02	122.12	14	126.73	APR 03	130.09
OCT 30	122.52	12	125.95	AUG 04	127.16	MAY 08	131.83
DEC 05	121.93	JUN 01	122.10	20	127.16	JUN 12	131.19
JAN 10, 1974	121.29	23	121.83	SEP 09	127.11	JUL 11	132.89
FEB 21	121.88	AUG 03	122.98	OCT 02	126.54	AUG 06	133.51
MAR 29	121.45	SEP 01	123.39	05	126.80	SEP 11	133.89
MAY 08	122.00	08	126.92	NOV 05	126.05	OCT 08	133.35
JUN 05	125.95	OCT 19	123.43	19	127.02	NOV 13	132.53
JUL 10	126.97	DEC 06	122.41	DEC 02	125.80	DEC 04	132.41
AUG 15	123.43	08	122.85	10	125.56	JAN 06, 1986	133.10
SEP 24	126.70	JAN 09, 1979	123.65	JAN 05, 1982	125.48	31	133.69
OCT 23	123.04	FEB 02	123.22	FEB 01	127.28	MAR 04	132.82
DEC 05	122.01	MAR 02	123.81	02	126.80	APR 02	132.88
JAN 06, 1975	121.73	07	123.00	MAR 03	126.06	MAY 14	134.16
30	121.49	APR 05	123.43	11	125.68	JUN 04	135.26
MAR 18	121.37	24	122.86	APR 02	125.79	JUL 09	137.26
APR 14	121.34	MAY 01	122.75	28	125.12	AUG 06	137.99
MAY 13	121.36	JUN 06	122.33	MAY 03	126.24	SEP 11	136.54
JUL 02	122.28	JUL 09	123.22	JUN 02	126.46	OCT 15	137.59
AUG 20	122.21	12	123.99	07	125.45	NOV 12	136.42
SEP 10	123.90	AUG 10	123.26	JUL 07	127.03	DEC 04	135.47
OCT 09	126.02	21	123.73	27	127.68		
NOV 19	126.68	OCT 02	123.66	AUG 03	127.55		


SM Ef 57
WATER LEVEL, IN FEET BELOW LAND SURFACE
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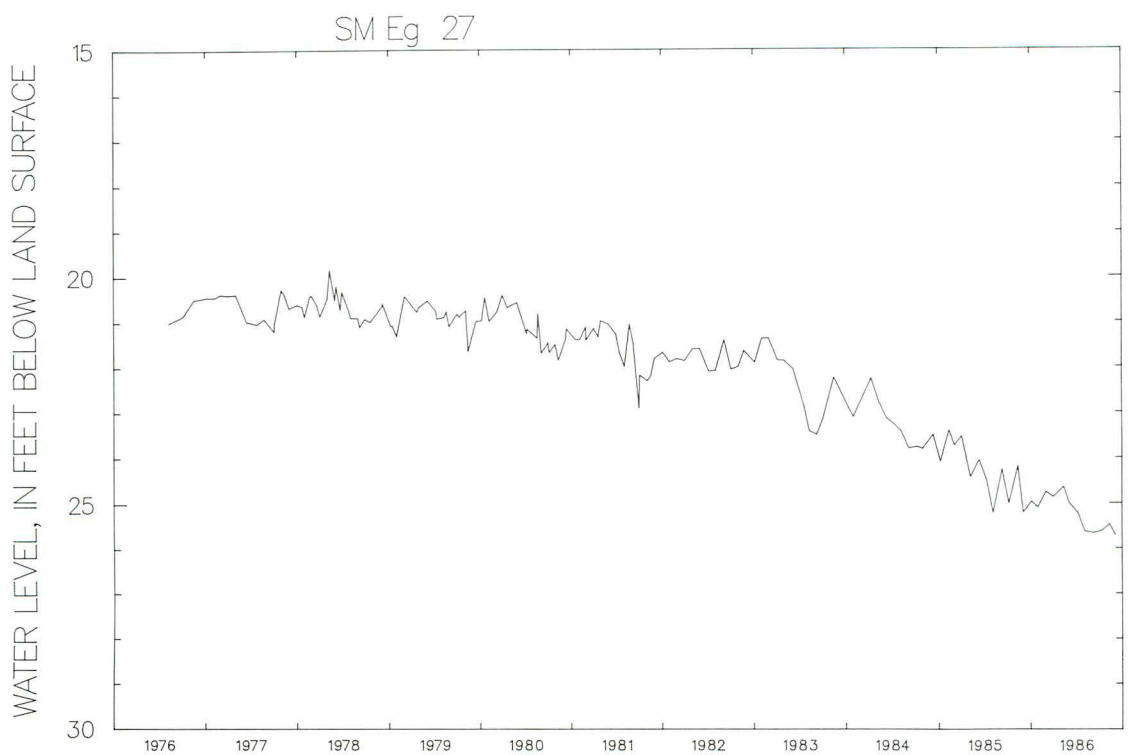
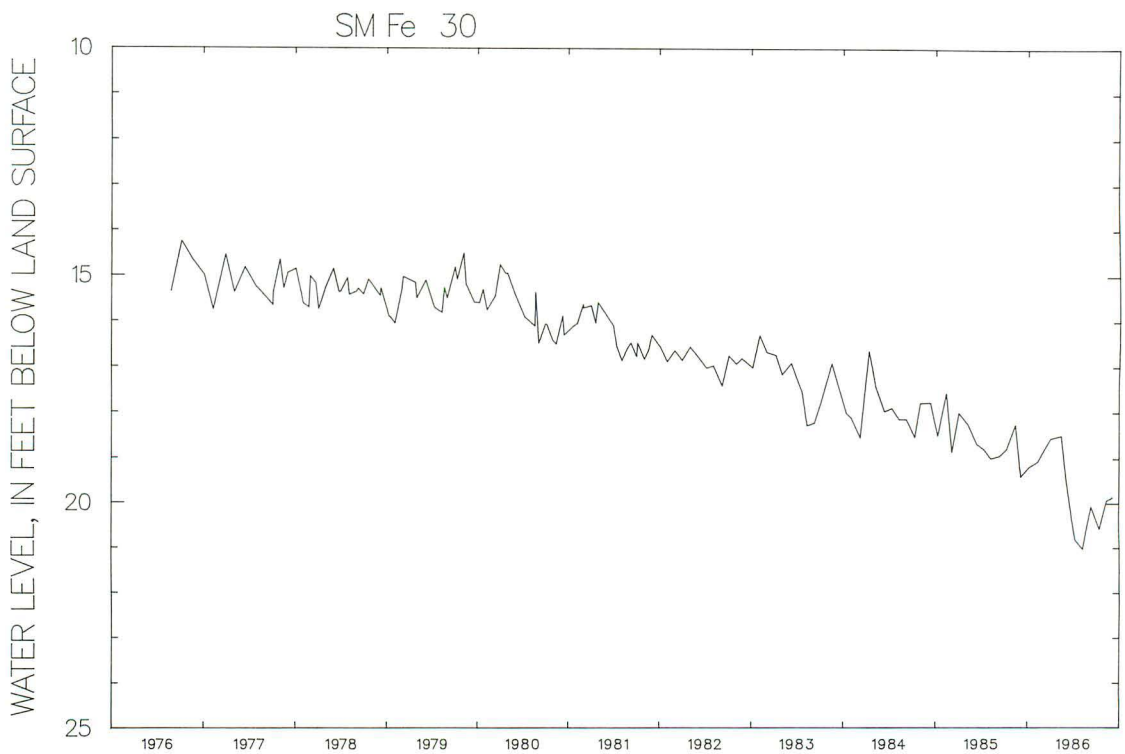
WELL NUMBER.--SM Eg 27 SITE ID.--381213076222801 PERMIT NUMBER.--SM-73-1993
LOCATION.--Lat 38°12'13", long 76°22'28", Hydrologic Unit 02060001, 1.6 miles east of St. James at the St. Mary's Co. Environmental Studies Area.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 320 ft; casing diameter 6 in. with depth to 70 ft; casing diameter 2 in. from 70 to 310 ft; screen diameter 2 in. from 310 to 320 ft.
DATUM.--Altitude of land-surface datum is 10 ft. Measuring point: Top of casing, 3.3 ft above land-surface datum.
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.84 ft below land-surface datum, May 12, 1978; lowest measured, 25.70 ft below land-surface datum, Dec. 4, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 10, 1976	21.00	MAR 06, 1979	20.42	MAY 01, 1981	20.97	MAR 07, 1984	22.68
OCT 05	20.85	APR 24	20.77	JUN 01	21.05	APR 11	22.25
NOV 17	20.49	MAY 01	20.67	JUL 01	21.27	MAY 11	22.76
JAN 04, 1977	20.44	JUN 05	20.52	15	21.65	JUN 11	23.13
FEB 08	20.44	JUL 09	20.75	AUG 04	21.98	JUL 11	23.26
MAR 03	20.37	13	20.92	25	21.05	AUG 08	23.42
29	20.39	AUG 10	20.89	SEP 09	21.47	SEP 06	23.79
MAY 03	20.37	20	20.76	OCT 02	22.90	OCT 09	23.76
JUN 15	20.97	OCT 02	20.81	05	22.17	31	23.80
JUL 27	21.03	11	20.88	NOV 05	22.30	DEC 11	23.49
AUG 24	20.91	NOV 06	20.74	19	22.18	JAN 09, 1985	24.08
OCT 03	21.19	15	21.64	DEC 02	21.81	FEB 12	23.39
04	21.03	DEC 17	20.98	JAN 05, 1982	21.67	MAR 05	23.73
NOV 01	20.27	JAN 08, 1980	20.96	FEB 01	21.88	APR 03	23.52
15	20.40	22	20.45	MAR 03	21.81	MAY 08	24.42
DEC 02	20.68	FEB 08	20.98	APR 02	21.86	JUN 12	24.05
JAN 03, 1978	20.60	MAR 11	20.76	MAY 03	21.60	JUL 11	24.49
23	20.65	APR 01	20.40	JUN 02	21.59	AUG 06	25.20
FEB 01	20.87	21	20.68	JUL 07	22.09	SEP 11	24.25
22	20.42	MAY 01	20.64	AUG 03	22.08	OCT 08	25.00
MAR 01	20.40	29	20.56	SEP 07	21.40	NOV 13	24.19
22	20.61	JUL 07	21.25	OCT 04	22.05	DEC 04	25.20
APR 03	20.86	09	21.15	NOV 02	21.99	JAN 06, 1986	24.96
MAY 02	20.48	AUG 18	21.35	24	21.64	31	25.09
12	19.84	22	20.81	JAN 06, 1983	21.90	MAR 04	24.75
JUN 01	20.50	SEP 04	21.68	FEB 03	21.37	APR 02	24.86
07	20.20	OCT 01	21.45	MAR 02	21.36	MAY 14	24.64
JUL 27	20.74	06	21.67	APR 07	21.85	JUN 04	24.99
AUG 03	20.90	NOV 12	21.84	MAY 02	21.86	JUL 09	25.21
SEP 01	20.90	DEC 10	21.39	JUN 08	22.05	AUG 06	25.62
08	21.10	15	21.15	JUL 21	22.88	SEP 11	25.66
OCT 20	20.99	JAN 20, 1981	21.39	AUG 10	23.41	OCT 15	25.60
DEC 06	20.64	FEB 06	21.38	SEP 08	23.49	NOV 12	25.46
08	20.58	MAR 02	21.11	OCT 03	23.13	DEC 04	25.70
JAN 09, 1979	21.07	03	21.40	NOV 16	22.23		
16	21.07	APR 03	21.14	JAN 12, 1984	22.89		
FEB 02	21.30	21	21.33	FEB 01	23.10		



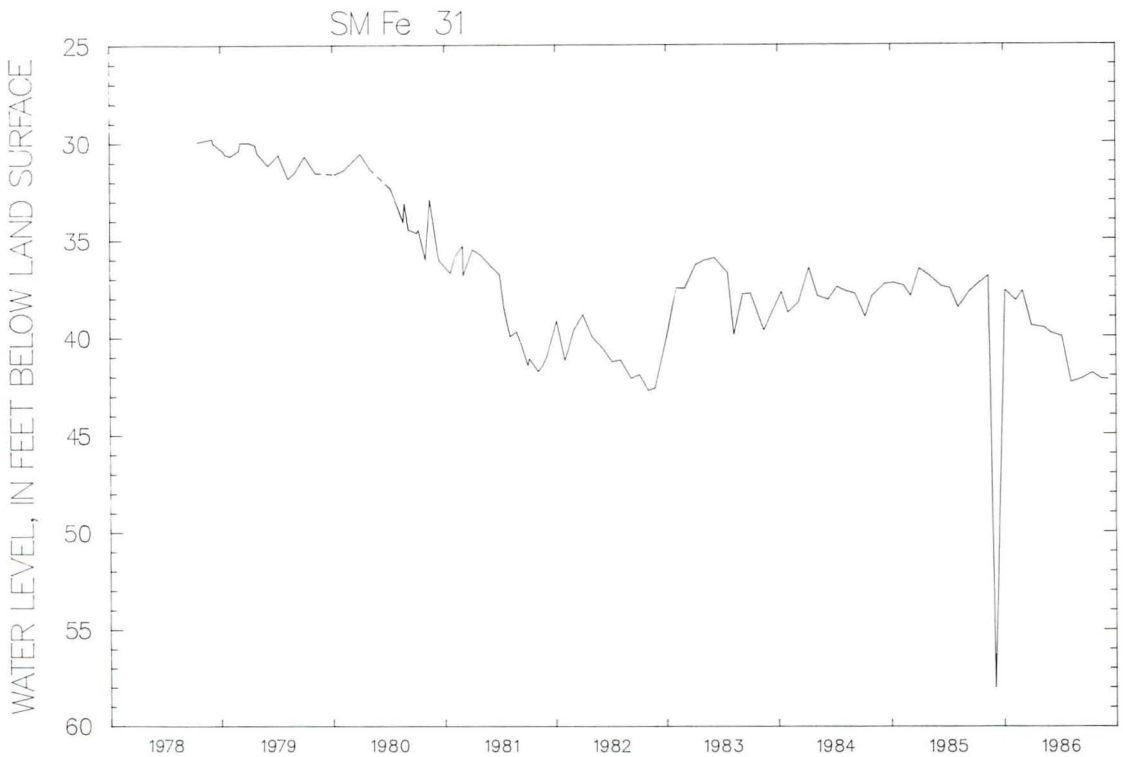
WELL NUMBER.--SM Fe 30 SITE ID.--380834076303401 PERMIT NUMBER.--SM-73-1917
LOCATION.--Lat 38°08'34", long 76°30'34", Hydrologic Unit 02070011, at water tower, Piney Point.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 270 ft; casing diameter 6 in. with depth to 67 ft; casing diameter 2 in. from 67 to 260 ft; screen diameter 2 in. from 260 to 270 ft.
DATUM.--Altitude of land-surface datum is 9 ft. Measuring point: Top of casing, 4.0 ft above land-surface datum.
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.24 ft below land-surface datum, Oct. 6, 1976; lowest measured, 21.02 ft below land-surface datum, Aug. 7, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 25, 1976	15.35	APR 25, 1979	15.15	JUL 01, 1981	16.09	MAY 09, 1984	17.44
OCT 06	14.24	MAY 01	15.49	15	16.55	JUN 12	17.97
NOV 17	14.64	JUN 06	15.10	AUG 04	16.86	JUL 11	17.90
JAN 04, 1977	14.99	JUL 09	15.67	25	16.60	AUG 09	18.14
FEB 09	15.75	13	15.71	SEP 09	16.47	SEP 07	18.14
MAR 30	14.54	AUG 10	15.81	OCT 02	16.77	OCT 10	18.53
MAY 04	15.37	20	15.26	06	16.47	NOV 01	17.79
JUN 15	14.82	OCT 02	14.81	NOV 02	16.83	DEC 11	17.78
JUL 28	15.24	11	15.08	19	16.62	JAN 09, 1985	18.50
AUG 25	15.40	NOV 06	14.50	DEC 02	16.30	FEB 12	17.57
OCT 03	15.65	15	15.18	JAN 05, 1982	16.56	MAR 06	18.85
05	15.37	DEC 18	15.58	FEB 01	16.88	APR 03	18.00
NOV 01	14.65	JAN 08, 1980	15.59	MAR 03	16.64	MAY 09	18.25
16	15.28	23	15.30	APR 01	16.85	JUN 13	18.68
DEC 02	14.94	FEB 08	15.75	MAY 03	16.56	JUL 11	18.79
JAN 03, 1978	14.85	MAR 12	15.44	JUN 02	16.76	AUG 07	18.99
24	15.39	APR 01	14.75	JUL 07	17.02	SEP 11	18.94
FEB 01	15.61	22	14.94	AUG 03	16.97	OCT 09	18.79
23	15.70	MAY 01	14.94	SEP 07	17.41	NOV 13	18.26
MAR 01	15.01	29	15.37	OCT 04	16.75	DEC 04	19.39
23	15.17	JUL 09	15.90	NOV 02	16.93	JAN 06, 1986	19.18
APR 03	15.74	AUG 19	16.10	24	16.81	FEB 10	19.06
MAY 02	15.24	22	15.36	JAN 06, 1983	17.01	MAR 04	18.83
JUN 01	14.85	SEP 04	16.48	FEB 03	16.30	APR 02	18.56
23	15.36	OCT 01	16.05	MAR 03	16.67	MAY 14	18.50
JUL 27	15.05	07	16.07	APR 08	16.74	JUN 04	19.53
AUG 03	15.42	NOV 13	16.50	MAY 03	17.16	JUL 09	20.81
SEP 01	15.35	DEC 09	15.88	JUN 08	16.91	AUG 07	21.02
08	15.28	15	16.30	JUL 21	17.55	SEP 11	20.07
OCT 19	15.08	JAN 20, 1981	16.11	AUG 10	18.28	OCT 15	20.57
DEC 05	15.44	FEB 06	16.04	SEP 08	18.22	NOV 12	19.93
08	15.27	MAR 02	15.62	OCT 03	17.79	DEC 04	19.86
JAN 09, 1979	15.89	03	15.70	NOV 16	16.92		
16	15.92	APR 03	15.65	JAN 12, 1984	18.00		
FEB 02	16.05	21	16.03	FEB 02	18.12		
MAR 02	15.29	MAY 01	15.58	MAR 08	18.54		
07	15.02	JUN 01	15.84	APR 11	16.64		



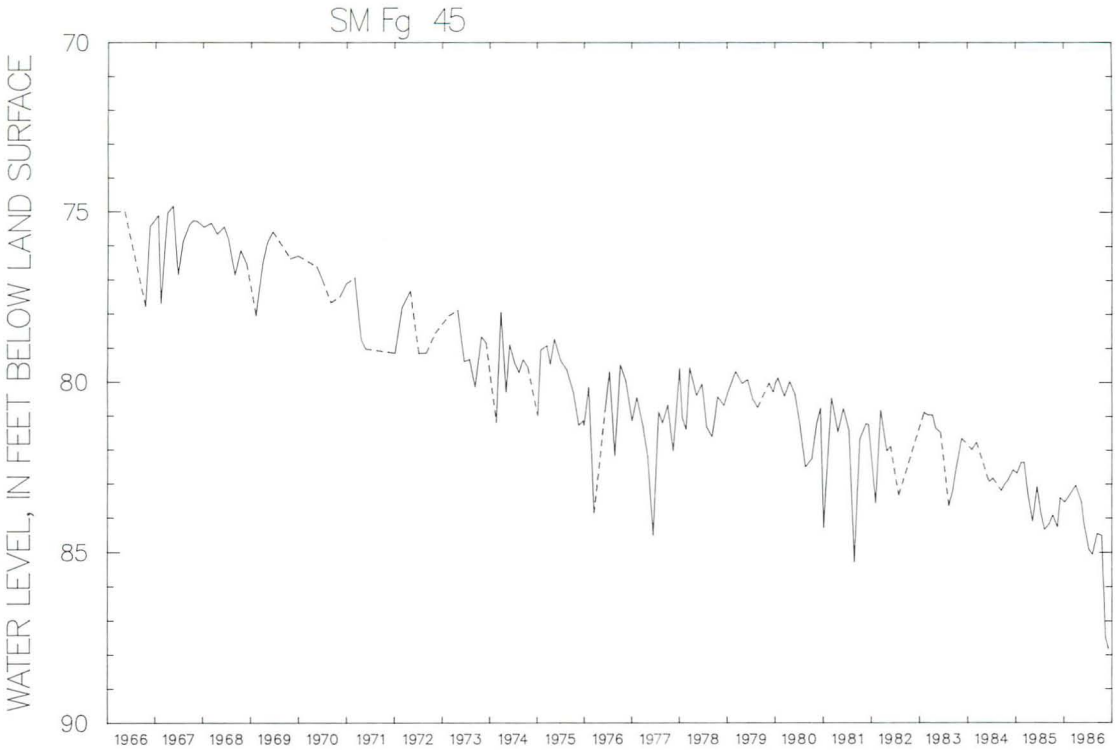
WELL NUMBER.--SM Fe 31 SITE ID.--380834076303402 PERMIT NUMBER.--SM-73-3088
LOCATION.--Lat 38°08'34", long 76°30'34", Hydrologic Unit 02070011, at water tower, Piney Point.
Owner: U.S. Geological Survey.
AQUIFER.--Aquia Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 639 ft; casing diameter 4 in. with depth to 171 ft; casing diameter 2 in. from 171 to 451 ft; screen diameter 3 in. from 451 to 461 ft.
DATUM.--Altitude of land-surface datum is 8 ft. Measuring point: Top of casing, 1.7 ft above land-surface datum.
REMARKS.--Water-level affected by nearby pump test, Dec. 4, 1985.
PERIOD OF RECORD.--October 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.77 ft below land-surface datum, Dec. 5, 1978; lowest measured, 58.03 ft below land-surface datum, Dec. 4, 1985.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19, 1978	29.92	NOV 13, 1980	32.90	AUG 03, 1982	41.16	DEC 11, 1984	37.33
DEC 05	29.77	DEC 10	35.75	SEP 07	42.11	JAN 09, 1985	37.26
08	30.00	15	36.07	OCT 04	41.92	FEB 12	37.41
JAN 09, 1979	30.40	JAN 20, 1981	36.72	NOV 02	42.73	MAR 06	37.94
16	30.57	FEB 06	35.84	24	42.62	APR 03	36.53
FEB 02	30.66	MAR 02	35.30	JAN 06, 1983	39.68	MAY 09	36.93
MAR 02	30.37	03	36.86	FEB 03	37.50	JUN 13	37.44
07	29.97	APR 03	35.50	MAR 03	37.52	JUL 11	37.54
APR 05	29.97	MAY 01	35.78	APR 08	36.30	AUG 07	38.53
25	30.10	JUN 01	36.33	MAY 03	36.10	SEP 11	37.74
MAY 01	30.50	JUL 01	36.79	JUN 08	35.94	OCT 09	37.34
JUN 06	31.15	15	38.49	JUL 21	36.74	NOV 13	36.90
JUL 09	30.59	AUG 04	39.95	AUG 10	39.88	DEC 04	58.03
AUG 10	31.82	25	39.71	SEP 08	37.82	JAN 06, 1986	37.65
31	31.51	SEP 09	40.31	OCT 03	37.78	FEB 10	38.18
OCT 02	30.67	OCT 02	41.44	NOV 16	39.67	MAR 04	37.69
NOV 06	31.53	06	41.08	JAN 12, 1984	37.71	APR 02	39.45
JAN 08, 1980	31.60	NOV 05	41.74	FEB 02	38.77	MAY 14	39.57
FEB 08	31.37	19	41.45	MAR 08	38.25	JUN 04	39.84
APR 01	30.54	DEC 02	41.03	APR 11	36.46	JUL 09	40.01
MAY 01	31.30	JAN 05, 1982	39.16	MAY 09	37.93	AUG 07	42.35
JUL 09	32.36	FEB 01	41.19	JUN 12	38.12	SEP 11	42.16
AUG 18	34.07	MAR 03	39.62	JUL 11	37.46	OCT 15	41.86
22	33.11	APR 02	38.85	AUG 09	37.68	NOV 12	42.16
SEP 04	34.46	MAY 03	40.00	SEP 07	37.81	DEC 04	42.20
OCT 01	34.64	JUN 02	40.50	OCT 10	38.99		
07	34.49	JUL 07	41.25	NOV 01	37.94		



WELL NUMBER.--SM Fg 45 SITE ID.--380711076222201 PERMIT NUMBER.--SM-04-5190
LOCATION.--Lat 38°07'11", long 76°22'22", Hydrologic Unit 02070011, in fire pumphouse at Ridge.
Owner: Ridge Volunteer Fire Department.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 436 ft; casing diameter 6 in. with depth to 386 ft; casing diameter 4 in. from 415 to 436 ft; screen diameter 5 in. from 386 to 415 ft.
DATUM.--Altitude of land-surface datum is 65 ft. Measuring point: Hole in sanitary seal, 0.55 ft above land-surface datum.
PERIOD OF RECORD.--May 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.83 ft below land-surface datum, May 16, 1967; lowest measured, 87.81 ft below land-surface datum, Dec. 4, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 10, 1966	75.00	JUN 20, 1973	79.39	FEB 22, 1978	81.39	MAR 02, 1983	80.95
OCT 20	77.78	JUL 31	79.33	MAR 22	79.57	APR 07	80.95
NOV 22	75.43	SEP 12	80.14	MAY 12	80.39	MAY 02	81.34
JAN 23, 1967	75.10	OCT 30	78.66	JUN 23	80.04	JUN 08	81.47
FEB 16	77.70	DEC 05	78.85	JUL 27	81.31	AUG 10	83.63
APR 04	75.03	FEB 21, 1974	81.18	SEP 08	81.60	SEP 08	83.22
MAY 16	74.83	MAR 29	77.94	OCT 20	80.42	OCT 03	82.57
JUN 28	76.86	MAY 08	80.29	DEC 06	80.68	NOV 16	81.64
AUG 03	75.88	JUN 05	78.89	JAN 09, 1979	80.25	FEB 01, 1984	81.98
SEP 18	75.39	JUL 10	79.40	MAR 06	79.67	MAR 07	81.76
OCT 17	75.26	AUG 15	79.71	APR 24	80.03	JUN 11	82.92
NOV 17	75.28	SEP 16	79.33	JUN 05	79.91	JUL 11	82.82
JAN 10, 1968	75.45	OCT 23	79.57	JUL 13	80.48	SEP 13	83.19
MAR 05	75.33	JAN 06, 1975	80.99	AUG 20	80.74	OCT 09	82.99
APR 20	75.66	30	79.05	NOV 15	80.01	31	82.89
JUN 12	75.44	MAR 18	78.92	DEC 17	80.29	DEC 11	82.57
JUL 17	75.83	APR 14	79.48	JAN 03, 1980	80.01	JAN 09, 1985	82.67
SEP 04	76.86	MAY 15	78.73	22	79.86	FEB 12	82.35
OCT 17	76.14	JUL 01	79.35	MAR 11	80.41	MAR 05	82.35
DEC 02	76.53	AUG 19	79.63	APR 21	79.97	APR 03	83.26
FEB 12, 1969	78.05	OCT 09	80.30	MAY 29	80.33	MAY 08	84.10
APR 02	76.55	NOV 19	81.27	JUL 07	81.25	JUN 12	83.07
MAY 08	75.92	DEC 22	81.13	AUG 18	82.49	JUL 11	83.86
JUN 19	75.59	30	81.27	OCT 06	82.24	AUG 06	84.33
OCT 31	76.38	FEB 05, 1976	80.13	NOV 12	81.19	SEP 11	84.17
DEC 29	76.30	MAR 17	83.86	DEC 10	80.75	OCT 08	83.90
MAY 19, 1970	76.62	JUN 09	80.86	JAN 05, 1981	84.29	NOV 13	84.26
JUL 01	77.01	JUL 14	79.68	20	83.24	DEC 04	83.39
SEP 03	77.67	AUG 24	82.17	MAR 03	80.45	JAN 06, 1986	83.53
NOV 10	77.50	OCT 05	79.48	APR 21	81.46	31	83.40
DEC 29	77.12	NOV 16	79.95	JUN 01	80.76	APR 02	83.03
MAR 04, 1971	76.94	JAN 03, 1977	81.13	JUL 15	81.42	MAY 14	83.52
APR 22	78.75	FEB 08	80.44	AUG 25	85.29	JUN 04	84.18
MAY 27	79.03	MAR 29	81.31	OCT 05	81.67	JUL 09	84.90
JAN 05, 1972	79.15	MAY 03	82.19	NOV 19	81.21	AUG 06	85.06
FEB 29	77.81	JUN 15	84.50	DEC 10	81.24	SEP 11	84.45
MAY 01	77.33	JUL 27	80.87	FEB 02, 1982	83.56	OCT 15	84.51
JUL 06	79.15	AUG 24	81.20	MAR 11	80.80	NOV 12	87.47
SEP 02	79.14	OCT 04	80.66	APR 28	82.03	DEC 04	87.81
NOV 09	78.56	NOV 15	82.03	MAY 25	81.88		
FEB 22, 1973	78.05	JAN 03, 1978	79.58	JUL 27	83.32		
MAY 01	77.89	23	81.04	FEB 03, 1983	80.88		


SM Fg 45
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1986

WELL NUMBER.--SO Be 42 SITE ID.--381156075412501
LOCATION.--Lat 38°11'56", long 75°41'25", Hydrologic Unit 02060009, 0.1 mi northeast of US Rt 13 and Hampden Ave., Princess Anne.
Owner: E. Mace Smith.
AQUIFER.--Manokin aquifer.
WELL CHARACTERISTICS.--Drilled unused artesian well, measured depth 184 ft; casing diameter 2 in.
DATUM.--Altitude of land-surface datum is 17 ft. Measuring point: Top of casing, 2.5 ft above land-surface datum.
PERIOD OF RECORD.--August 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.15 ft below land-surface datum, May 1, 1953; lowest measured 44.34 ft below land-surface datum, Feb. 25, 1985.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 05, 1952	6.95	AUG 05, 1958	22.92	SEP 09, 1964	31.85	JUL 27, 1971	35.55
SEP 29	6.69	SEP 09	22.83	OCT 14	29.95	NOV 04	28.60
OCT 30	6.75	OCT 02	23.37	NOV 05	31.17	DEC 07	27.62
DEC 01	6.46	NOV 06	22.61	DEC 04	28.98	JAN 04, 1972	26.80
30	6.29	DEC 04	22.57	JAN 04, 1965	27.42	FEB 10	27.93
JAN 30, 1953	6.27	31	22.07	FEB 01	29.78	MAR 07	27.82
FEB 26	6.18	FEB 05, 1959	23.90	MAR 01	29.68	APR 04	33.30
MAR 31	6.17	MAR 05	23.49	APR 01	29.57	MAY 02	33.67
MAY 01	6.15	APR 02	22.49	MAY 03	29.21	JUN 06	32.08
29	6.39	MAY 07	23.94	JUN 03	32.68	JUL 11	35.26
JUN 30	6.52	JUN 09	24.32	JUL 01	31.08	SEP 13	33.21
JUL 31	6.88	JUL 02	27.79	AUG 01	30.02	OCT 12	34.01
AUG 31	10.59	AUG 08	27.67	SEP 02	29.83	NOV 15	35.64
OCT 02	15.59	SEP 04	27.82	OCT 02	30.59	DEC 06	34.56
30	18.18	OCT 14	25.03	NOV 01	31.47	JAN 08, 1973	29.30
DEC 02	18.41	NOV 12	24.90	DEC 01	30.52	FEB 07	29.35
JAN 05, 1954	18.36	JAN 08, 1960	23.67	JAN 06, 1966	29.92	MAR 06	33.22
28	10.60	FEB 05	23.86	FEB 15	30.74	APR 05	32.17
FEB 25	8.86	MAR 01	23.88	MAR 18	30.00	MAY 09	35.47
MAR 30	17.36	APR 11	24.09	APR 26	31.05	JUN 11	36.22
MAY 07	19.47	MAY 05	25.26	JUN 08	30.07	JUL 17	37.86
JUN 02	21.51	JUN 06	25.31	AUG 01	22.95	AUG 10	35.73
JUL 01	24.90	JUL 07	25.53	SEP 02	36.42	SEP 04	37.80
31	25.06	AUG 04	25.87	OCT 18	34.85	OCT 16	38.71
SEP 07	21.93	SEP 07	24.76	NOV 17	32.60	NOV 08	37.54
OCT 01	23.77	OCT 11	24.84	DEC 14	32.47	DEC 22	32.49
NOV 04	21.70	NOV 04	24.15	JAN 04, 1967	30.25	JAN 09, 1974	29.46
DEC 11	22.25	DEC 09	23.82	FEB 03	31.44	FEB 14	32.61
28	20.80	JAN 06, 1961	24.74	MAR 03	31.75	MAR 13	33.27
FEB 01, 1955	21.46	FEB 03	24.94	APR 05	31.06	APR 22	34.42
MAR 01	22.06	MAR 07	24.98	MAY 17	32.50	JUN 05	35.64
30	22.53	APR 07	24.87	27	33.67	JUL 18	36.77
APR 27	23.43	MAY 05	24.93	JUN 12	32.80	AUG 21	37.26
JUN 01	23.38	JUN 01	24.76	13	33.01	OCT 04	35.67
JUL 11	22.97	30	24.84	AUG 24	32.52	NOV 18	37.23
SEP 06	24.27	AUG 04	24.92	SEP 20	33.24	JAN 03, 1975	38.76
28	23.85	31	25.01	NOV 05	32.68	15	40.49
NOV 09	27.53	OCT 04	27.75	DEC 05	31.36	FEB 20	34.50
DEC 08	25.48	NOV 03	27.80	JAN 04, 1968	31.91	APR 10	37.18
JAN 12, 1956	24.84	DEC 07	26.82	FEB 20	32.49	MAY 15	35.29
FEB 02	24.85	JAN 04, 1962	25.75	MAR 27	32.65	JUN 19	39.18
MAR 01	23.81	FEB 08	26.21	MAY 01	33.73	AUG 07	37.54
APR 06	22.21	MAR 07	25.82	JUN 01	35.05	SEP 23	37.74
MAY 03	22.46	APR 03	26.15	JUL 11	37.23	OCT 21	36.50
JUN 07	21.80	MAY 11	28.14	AUG 16	36.13	NOV 17	36.75
JUL 05	22.48	JUN 08	29.58	OCT 03	37.72	JAN 05, 1976	37.65
AUG 02	22.16	JUL 06	26.70	NOV 14	36.53	MAR 02	42.94
SEP 06	23.29	AUG 07	30.98	JAN 03, 1969	32.05	APR 05	39.77
OCT 04	23.23	SEP 06	30.19	21	36.48	MAY 19	34.93
NOV 01	22.58	OCT 11	28.94	FEB 27	35.39	JUL 01	39.24
DEC 06	21.89	NOV 07	28.29	APR 03	33.17	AUG 11	43.98
JAN 08, 1957	21.64	DEC 12	27.26	MAY 08	36.48	SEP 21	36.06
FEB 11	21.89	JAN 11, 1963	25.92	JUN 06	37.20	NOV 16	43.56
MAR 07	22.36	FEB 15	27.03	JUL 17	37.73	DEC 13	39.91
APR 05	22.38	MAR 07	27.25	OCT 31	30.37	JAN 04, 1977	34.85
MAY 02	24.02	APR 08	26.50	DEC 10	32.86	FEB 09	30.39
29	24.69	MAY 03	27.10	JAN 13, 1970	28.92	MAR 30	40.67
JUL 08	26.62	JUN 11	26.58	29	29.01	MAY 12	30.52
AUG 20	24.65	JUL 19	30.37	MAR 17	29.30	JUN 20	32.09
SEP 11	24.64	SEP 05	29.56	APR 27	35.20	AUG 15	30.62
OCT 10	25.57	OCT 08	27.88	JUN 15	34.55	SEP 19	35.66
NOV 14	25.12	NOV 20	26.03	JUL 27	31.04	NOV 07	30.79
DEC 10	22.16	DEC 17	26.05	SEP 17	33.10	DEC 12	29.70
JAN 15, 1958	23.77	JAN 21, 1964	25.27	OCT 15	29.64	JAN 06, 1978	28.63
FEB 10	23.19	FEB 24	25.88	NOV 20	27.76	FEB 27	28.46
MAR 06	23.54	APR 01	25.21	JAN 06, 1971	26.86	APR 17	31.52
APR 07	21.36	MAY 01	26.31	FEB 16	27.07	MAY 30	27.75
MAY 08	21.12	JUN 06	28.40	MAR 23	29.68	JUL 19	27.77
JUN 06	21.45	JUL 06	31.87	MAY 06	29.34	AUG 30	27.73
JUL 03	22.44	AUG 04	28.97	JUN 15	32.42	OCT 06	30.60

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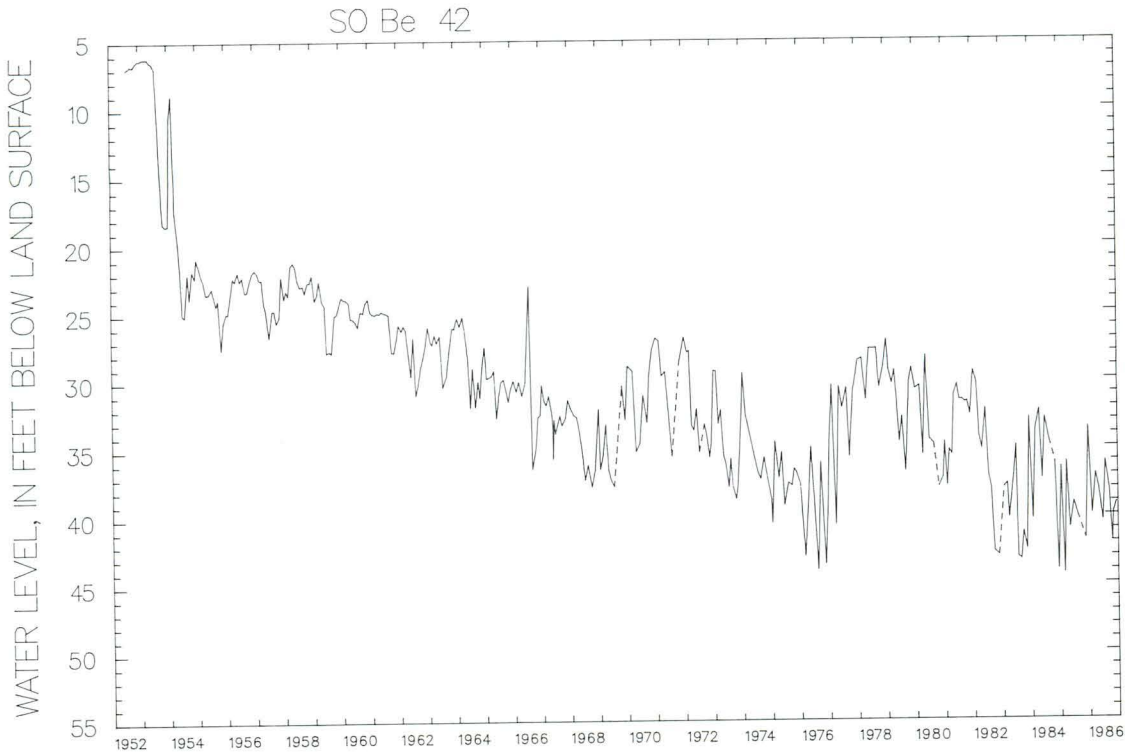
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 29, 1978	29.07	JAN 05, 1981	34.60	NOV 17, 1982	42.97	JAN 16, 1985	36.49
DEC 20	27.83	FEB 06	37.86	JAN 25, 1983	37.97	FEB 25	44.34
JAN 05, 1979	27.06	MAR 03	35.19	MAR 08	37.70	MAR 26	36.12
FEB 02	29.25	APR 08	35.57	30	40.22	MAY 06	40.99
MAR 16	30.33	MAY 05	31.20	MAY 31	36.87	JUN 24	39.08
APR 18	29.35	JUN 16	30.40	JUN 27	34.91	AUG 09	40.00
JUN 14	34.59	JUL 14	31.54	JUL 19	43.08	NOV 18	41.81
JUL 19	32.74	AUG 18	31.54	AUG 25	43.27	DEC 26	33.59
AUG 30	36.78	SEP 22	31.72	SEP 26	41.22	FEB 10, 1986	39.98
OCT 17	30.21	OCT 21	31.67	NOV 07	42.54	MAR 26	37.01
NOV 20	29.18	NOV 25	32.63	DEC 12	32.89	MAY 05	38.14
JAN 03, 1980	30.74	JAN 06, 1982	29.41	JAN 23, 1984	40.31	JUN 26	40.45
FEB 26	30.50	FEB 17	30.29	FEB 28	33.77	JUL 28	36.09
APR 02	35.54	MAR 18	34.15	APR 17	32.30	SEP 15	38.22
MAY 14	28.28	APR 21	35.18	MAY 21	37.39	OCT 21	41.98
JUN 25	34.40	JUN 07	32.19	JUN 27	32.89	NOV 05	39.87
AUG 20	34.74	JUL 13	37.05	AUG 20	34.54	DEC 11	39.18
OCT 23	37.90	AUG 18	38.05	OCT 30	36.14		
DEC 15	37.21	SEP 22	42.67	DEC 10	44.04		



WELL NUMBER.--SO Cf 2 SITE ID.--380616075380701
LOCATION.--Lat 38°06'16", long 75°38'07", Hydrologic Unit 02060009, on U.S. Rt. 13, 4.5 mi west of intersection of U.S. Rt. 13 and MD Rt. 364, near Costen.
Owner: Maryland State Highway Administration.
AQUIFER.--Kent Island Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 15 ft; casing diameter 1.25 in.
DATUM.--Altitude of land-surface datum is 20 ft. Measuring point: Top of casing, 1.0 ft above land-surface datum.
PERIOD OF RECORD.--August 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.28 ft below land-surface datum, May 9, 1958; lowest measured, 6.16 ft below land-surface datum, Oct. 10, 1957.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 16, 1949	4.67	JUN 01, 1955	3.12	JUN 01, 1961	1.28	NOV 05, 1967	4.45
31	4.76	JUL 11	2.85	30	1.42	DEC 05	2.55
SEP 29	4.73	SEP 06	0.52	AUG 04	1.63	JAN 04, 1968	0.80
OCT 25	3.74	28	0.95	31	1.96	FEB 20	1.35
NOV 29	2.63	NOV 09	1.27	NOV 03	3.61	MAR 27	1.05
DEC 29	2.27	DEC 08	1.22	DEC 07	3.16	APR 01	1.39
JAN 31, 1950	1.18	JAN 12, 1956	0.60	JAN 04, 1962	0.85	JUN 01	2.15
FEB 27	0.98	FEB 02	0.87	FEB 08	0.93	JUL 11	3.75
MAR 30	0.83	MAR 01	1.08	MAR 07	0.74	AUG 16	4.91
MAY 02	1.12	APR 06	1.27	APR 03	0.82	OCT 03	5.93
25	1.26	MAY 03	1.21	MAY 11	2.76	NOV 14	5.88
JUL 01	4.53	JUN 07	0.76	JUN 08	4.48	JAN 03, 1969	4.95
31	4.64	JUL 05	3.61	JUL 06	3.94	21	4.12
AUG 30	5.28	AUG 02	2.11	AUG 07	5.40	FEB 27	1.12
SEP 29	5.37	SEP 06	3.91	SEP 06	5.65	APR 03	1.42
OCT 29	5.71	OCT 04	4.42	OCT 11	5.05	MAY 08	1.85
NOV 29	5.95	NOV 01	3.62	NOV 07	5.58	JUN 06	4.04
DEC 21	5.43	DEC 06	1.34	DEC 12	5.12	JUL 17	5.36
JAN 30, 1951	2.93	JAN 08, 1957	1.08	JAN 11, 1963	1.07	SEP 10	1.86
FEB 26	1.45	FEB 11	0.71	FEB 15	0.97	OCT 31	4.02
MAR 29	1.10	MAR 07	0.58	MAR 07	0.56	DEC 10	2.88
MAY 01	0.93	APR 05	1.01	APR 08	1.38	JAN 13, 1970	1.20
31	1.70	MAY 02	2.23	MAY 03	2.36	29	0.98
JUL 06	3.49	29	4.93	JUN 11	2.56	MAR 17	1.32
30	4.65	JUL 08	5.16	JUL 19	4.68	APR 27	0.99
SEP 04	5.48	AUG 20	5.74	SEP 05	5.69	JUN 15	2.94
OCT 02	5.63	SEP 11	6.04	OCT 08	4.48	JUL 27	0.70
NOV 02	5.68	OCT 10	6.16	NOV 20	3.98	SEP 17	4.79
29	3.81	NOV 14	5.92	DEC 17	1.16	OCT 15	5.38
DEC 28	1.00	DEC 10	1.91	JAN 21, 1964	0.46	NOV 20	4.05
JAN 30, 1952	0.62	JAN 15, 1958	0.67	FEB 24	0.84	JAN 06, 1971	1.29
FEB 29	0.60	FEB 10	0.95	APR 01	1.10	FEB 16	0.89
MAR 31	0.88	MAR 06	0.86	MAY 01	1.13	MAR 23	1.08
APR 28	0.56	APR 08	0.54	JUN 06	4.25	MAY 06	2.12
JUN 02	0.74	MAY 09	0.28	JUL 06	4.78	JUN 15	1.94
JUL 01	4.16	JUN 05	1.02	AUG 04	5.49	JUL 27	3.89
30	5.41	JUL 03	3.05	SEP 09	5.97	NOV 04	1.09
AUG 29	5.12	AUG 05	4.17	OCT 14	5.93	DEC 07	1.20
SEP 29	5.82	SEP 09	2.80	NOV 05	5.67	JAN 04, 1972	1.42
OCT 30	5.97	OCT 02	4.10	DEC 04	5.37	FEB 10	1.11
DEC 01	3.65	NOV 06	2.41	JAN 04, 1965	4.17	MAR 07	1.11
30	1.60	DEC 04	1.61	FEB 01	2.27	APR 04	1.10
JAN 30, 1953	0.99	31	0.78	MAR 01	1.32	MAY 02	1.30
FEB 26	0.84	FEB 05, 1959	0.67	APR 01	1.02	JUN 06	1.54
MAR 31	0.97	MAR 05	0.92	MAY 03	1.21	JUL 11	1.67
MAY 01	1.05	APR 02	0.80	JUN 03	3.52	SEP 13	3.67
29	3.48	MAY 07	1.68	JUL 01	4.66	OCT 12	3.81
JUN 30	3.80	JUN 09	2.64	AUG 01	4.10	NOV 15	1.05
JUL 31	5.46	JUL 02	4.80	SEP 02	5.14	DEC 06	1.15
AUG 31	3.64	AUG 08	1.66	OCT 02	4.84	JAN 08, 1973	1.09
OCT 02	5.16	SEP 04	2.77	NOV 01	5.56	FEB 07	0.80
30	5.63	OCT 14	4.41	DEC 01	5.80	MAR 06	0.95
DEC 02	5.16	NOV 12	3.01	JAN 06, 1966	5.88	APR 05	0.84
JAN 05, 1954	4.00	JAN 08, 1960	0.65	FEB 15	2.51	MAY 09	1.15
28	1.07	FEB 05	1.08	MAR 18	1.82	JUN 11	3.15
FEB 25	1.11	MAR 01	0.89	APR 26	1.92	JUL 17	3.80
MAR 30	1.20	APR 11	1.10	JUN 08	2.94	AUG 10	4.66
MAY 07	1.58	MAY 05	1.58	AUG 01	5.28	SEP 04	2.50
JUN 02	2.97	JUN 06	1.45	SEP 02	6.02	OCT 16	3.28
JUL 01	5.00	JUL 07	1.67	OCT 18	5.54	NOV 08	2.85
31	5.74	AUG 04	1.38	NOV 17	5.57	DEC 22	0.72
SEP 07	6.12	SEP 07	1.49	DEC 14	5.68	JAN 09, 1974	0.79
OCT 01	5.68	OCT 11	1.81	JAN 04, 1967	4.15	FEB 14	1.10
NOV 04	5.77	NOV 04	0.85	FEB 03	3.32	MAR 13	1.07
DEC 11	5.08	DEC 09	1.48	MAR 03	1.03	APR 22	1.55
28	3.34	JAN 06, 1961	0.82	APR 05	1.33	JUN 05	1.91
FEB 01, 1955	2.99	FEB 03	0.97	MAY 17	1.30	JUL 18	4.95
MAR 01	1.01	MAR 07	0.95	JUN 29	3.94	AUG 21	4.13
30	1.22	APR 07	0.46	AUG 24	0.96	OCT 04	4.78
APR 27	0.75	MAY 05	1.12	SEP 20	3.07	NOV 18	5.45

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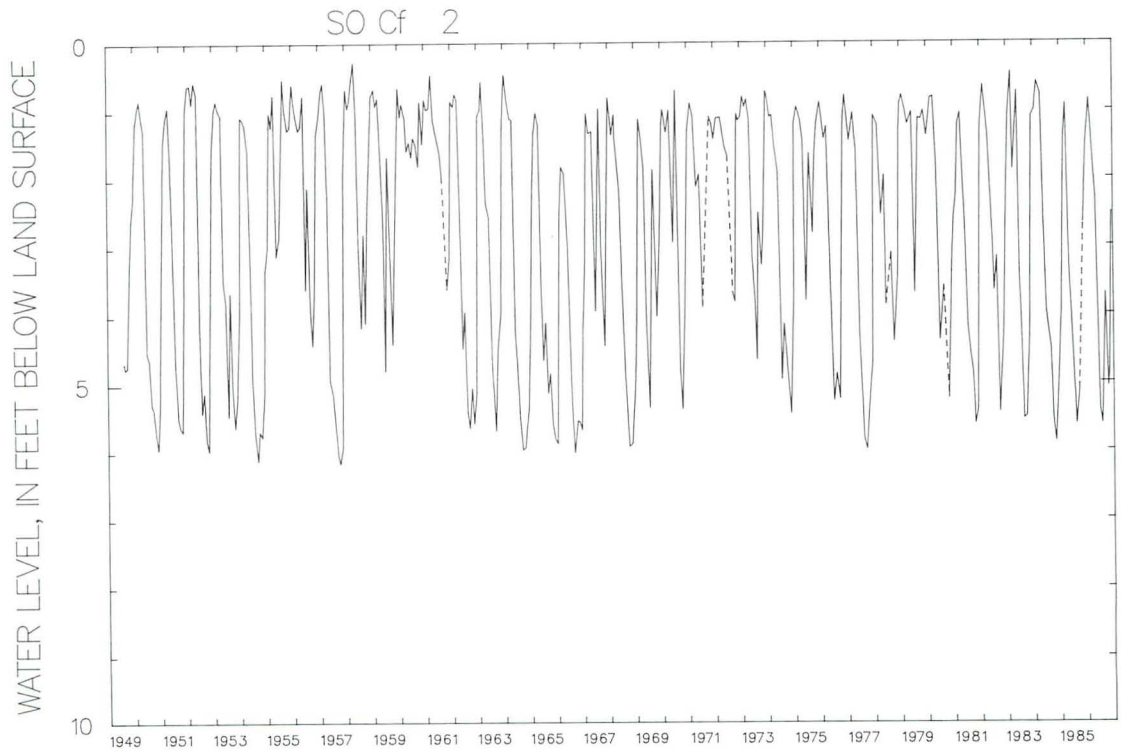
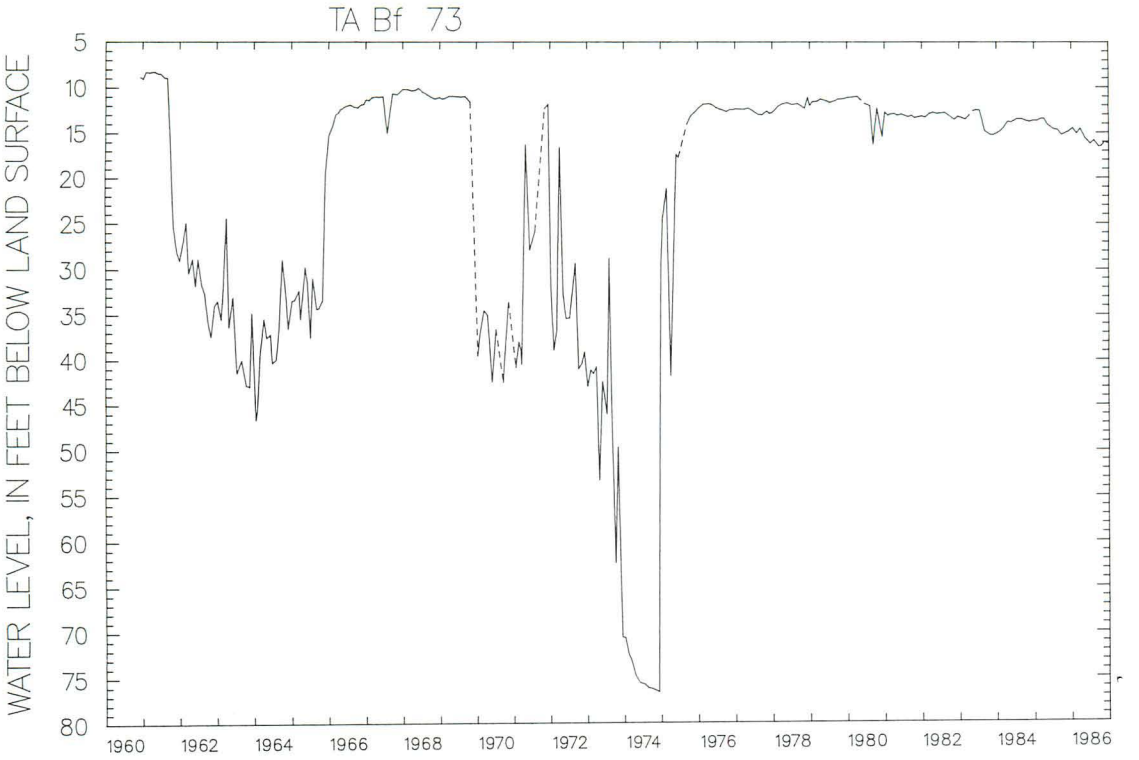
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 02, 1975	3.69	FEB 27, 1978	1.22	MAY 05, 1981	1.83	APR 17, 1984	0.77
15	1.19	APR 17	2.54	JUN 08	2.68	MAY 21	2.52
FEB 20	0.95	MAY 30	1.96	JUL 14	4.16	JUN 27	3.97
APR 10	1.14	JUN 19	3.87	AUG 18	4.57	AUG 28	4.51
MAY 15	1.44	AUG 30	3.11	SEP 22	4.86	SEP 26	5.52
JUN 19	3.80	OCT 06	4.41	OCT 21	5.61	OCT 30	5.88
AUG 07	1.63	NOV 29	3.45	NOV 25	5.40	DEC 10	4.97
SEP 23	2.81	DEC 20	1.29	JAN 06, 1982	1.23	JAN 16, 1985	3.95
OCT 21	1.69	JAN 05, 1979	0.91	FEB 17	0.64	FEB 25	1.38
NOV 19	1.20	FEB 02	0.78	MAR 25	1.06	MAR 26	0.92
JAN 05, 1976	0.88	MAR 16	1.00	APR 21	1.37	MAY 06	3.28
MAR 02	1.42	APR 18	1.21	JUN 22	2.90	JUN 24	4.49
APR 05	1.24	JUN 14	1.03	JUL 13	3.66	AUG 09	5.62
MAY 19	3.47	JUL 19	3.69	AUG 18	3.16	SEP 16	5.12
JUL 01	5.27	SEP 10	1.12	SEP 22	5.45	NOV 18	2.67
AUG 11	4.86	OCT 17	1.14	NOV 17	4.29	DEC 26	1.48
SEP 21	5.24	NOV 20	1.01	DEC 27	2.23	FEB 10, 1986	.85
NOV 16	1.13	JAN 03, 1980	1.38	JAN 25, 1983	1.09	MAR 26	1.60
DEC 13	0.78	FEB 26	0.83	MAR 08	0.45	MAY 06	2.28
JAN 04, 1977	1.05	APR 02	0.81	30	1.88	JUN 26	5.37
FEB 09	1.45	MAY 14	1.80	MAY 31	0.73	JUL 28	5.62
MAR 30	1.04	JUN 25	4.39	JUN 27	3.36	SEP 15	3.70
MAY 12	1.58	AUG 20	3.58	JUL 19	4.17	OCT 21	5.07
JUN 20	4.30	OCT 23	5.23	AUG 22	5.54	NOV 05	4.84
AUG 15	5.83	DEC 15	3.06	SEP 26	5.50	DEC 11	2.52
SEP 19	5.98	JAN 05, 1981	2.57	NOV 07	4.32		
NOV 07	5.18	FEB 06	2.23	DEC 12	1.10		
DEC 12	4.71	MAR 03	1.21	JAN 23, 1984	1.00		
JAN 06, 1978	1.08	APR 08	1.05	FEB 28	0.59		



WELL NUMBER.--TA Bf 73 SITE ID.--385242075593101 PERMIT NUMBER.--TA-02-1641
LOCATION.--Lat 38°52'42", long 75°59'31", Hydrologic Unit 02060005, at Cordova.
Owner: William Schluderberg-T. J. Kurdle Co.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 288 ft; casing diameter 4 in. with depth to 276 ft; casing diameter 2 in. from 276 to 283 ft; screen diameter 3 in. from 283 to 288 ft.
DATUM.--Altitude of land-surface datum is 42 ft. Measuring point: Top of casing, 0.5 ft above land-surface datum.
REMARKS.--Water level reported by driller 26 ft below land-surface datum Dec. 16, 1955; water level measured 26.64 ft below land-surface datum March 10, 1956; these measurements may be affected by nearby pumping.
PERIOD OF RECORD.--December 1960 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.29 ft below land-surface datum, May 4, 1961; lowest measured, 76.57 ft below land-surface datum, Dec. 6, 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 09, 1960	8.87	AUG 02, 1966	11.88	MAY 05, 1973	53.29	JUN 23, 1980	11.76
JAN 05, 1961	9.08	29	12.08	JUN 05	42.38	AUG 14	12.04
FEB 02	8.31	OCT 03	14.21	JUL 19	46.05	SEP 10	16.32
MAR 06	8.37	13	12.22	AUG 09	28.74	OCT 21	12.30
APR 06	8.32	NOV 14	11.87	SEP 04	45.62	DEC 08	15.46
MAY 04	8.29	DEC 13	11.80	OCT 11	62.35	JAN 05, 1981	12.71
JUN 01	8.48	JAN 03, 1967	11.32	NOV 05	49.62	FEB 05	13.11
30	8.52	FEB 02	11.41	DEC 13	70.49	06	16.79
AUG 03	8.93	28	11.10	JAN 10, 1974	70.62	APR 06	12.89
31	8.98	APR 11	11.00	FEB 14	72.47	MAY 04	13.07
OCT 04	16.78	MAY 15	11.04	MAR 14	73.18	JUN 11	12.96
NOV 02	25.38	JUN 21	10.98	APR 18	74.74	JUL 13	13.09
DEC 07	28.13	AUG 02	15.06	MAY 30	75.55	AUG 17	13.24
JAN 04, 1962	29.05	SEP 21	10.68	JUL 18	75.74	SEP 21	13.10
FEB 08	26.93	NOV 07	10.77	AUG 21	76.10	OCT 20	13.36
MAR 07	24.92	DEC 04	10.49	OCT 11	76.28	NOV 24	13.26
APR 03	30.46	JAN 03, 1968	10.19	DEC 06	76.57	DEC 29	13.17
MAY 11	28.86	FEB 21	10.21	JAN 03, 1975	29.65	FEB 02, 1982	13.30
JUN 07	31.82	MAR 26	10.35	20	24.52	MAR 16	12.89
JUL 05	28.88	APR 30	10.32	FEB 28	21.12	APR 20	12.74
AUG 07	31.63	JUN 04	10.05	APR 09	41.77	MAY 28	12.89
SEP 06	32.65	JUL 12	10.47	JUN 03	17.36	JUL 12	12.81
OCT 11	36.00	AUG 15	10.66	23	17.71	AUG 11	12.77
NOV 07	37.44	SEP 30	11.00	SEP 18	14.00	SEP 20	13.10
DEC 12	33.97	NOV 12	11.24	OCT 20	13.22	NOV 15	13.56
JAN 10, 1963	33.45	JAN 02, 1969	11.07	NOV 21	12.83	DEC 20	13.20
FEB 14	35.51	22	11.25	DEC 09	12.66	JAN 27, 1983	13.37
MAR 07	32.15	FEB 24	11.17	JAN 05, 1976	12.31	MAR 03	13.53
APR 08	24.42	APR 02	10.95	FEB 23	11.85	APR 06	13.52
MAY 02	36.40	MAY 05	10.95	APR 14	11.77	MAY 19	12.56
JUN 10	33.04	JUN 04	10.97	MAY 19	11.87	JUN 14	12.48
JUL 18	41.47	JUL 25	11.02	JUN 22	12.15	JUL 20	12.52
SEP 04	40.00	SEP 09	10.97	AUG 05	12.41	SEP 07	14.78
05	14.11	OCT 30	11.59	10	12.37	OCT 24	15.22
OCT 18	42.79	JAN 14, 1970	39.55	OCT 07	12.66	NOV 29	15.26
NOV 20	42.96	FEB 03	37.21	NOV 08	12.46	JAN 10, 1984	15.01
DEC 13	34.78	MAR 16	34.50	DEC 15	12.44	FEB 09	14.79
JAN 22, 1964	46.63	APR 20	35.04	JAN 04, 1977	12.34	MAR 16	14.37
FEB 05	45.50	JUN 05	42.45	FEB 22	12.38	APR 16	13.77
MAR 03	39.28	JUL 13	36.59	MAR 30	12.39	MAY 22	13.83
APR 09	35.47	SEP 23	42.45	MAY 09	12.27	JUL 17	13.48
MAY 06	37.55	OCT 08	39.64	JUN 21	12.54	SEP 05	13.49
JUN 11	37.15	NOV 16	33.56	AUG 09	12.95	OCT 18	13.70
30	40.33	JAN 26, 1971	40.81	SEP 19	13.05	NOV 20	13.77
AUG 07	39.90	FEB 26	38.01	NOV 09	12.61	DEC 19	13.64
SEP 02	36.70	MAR 18	38.93	DEC 05	12.88	JAN 30, 1985	13.66
OCT 07	28.95	25	40.46	JAN 05, 1978	12.74	MAR 08	13.43
NOV 13	33.15	MAY 04	16.27	FEB 28	12.07	APR 08	13.44
DEC 02	36.58	JUN 14	27.90	APR 12	11.79	MAY 13	14.12
JAN 08, 1965	33.45	AUG 04	25.82	MAY 30	11.67	JUL 10	14.61
FEB 04	33.34	NOV 09	12.29	JUL 11	11.89	AUG 22	14.71
MAR 18	32.34	DEC 14	11.81	SEP 06	11.76	SEP 24	15.24
APR 01	35.52	JAN 11, 1972	32.18	OCT 19	12.10	OCT 31	15.04
MAY 18	29.75	FEB 09	38.90	NOV 15	12.30	DEC 06	14.83
JUN 07	31.38	MAR 08	36.77	DEC 14	11.08	JAN 13, 1986	14.50
JUL 08	37.54	APR 06	16.58	JAN 04, 1979	12.02	FEB 20	15.10
30	30.98	MAY 10	32.70	29	11.58	MAR 27	14.55
SEP 08	34.38	JUN 08	35.39	MAR 15	11.54	MAY 12	15.58
OCT 01	34.23	JUL 13	35.35	APR 17	11.28	JUL 03	16.20
NOV 05	33.37	SEP 09	29.32	JUN 18	11.48	AUG 07	15.82
DEC 02	19.51	OCT 11	41.01	JUL 18	11.66	SEP 23	16.52
JAN 05, 1966	15.28	NOV 13	40.36	SEP 14	11.42	OCT 17	16.51
FEB 15	14.07	DEC 08	39.10	OCT 05	11.27	NOV 19	16.05
MAR 15	12.96	JAN 09, 1973	42.95	NOV 23	11.25	DEC 18	16.14
APR 09	12.74	FEB 08	41.10	JAN 04, 1980	11.11		
28	12.38	MAR 06	41.53	MAR 04	11.05		
JUN 10	12.08	APR 05	40.75	APR 08	10.98		


TA Bf 73
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1972
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1978
1980
1982
1984
1986

WELL NUMBER.--TA Bf 74 SITE ID.--385242075593102 PERMIT NUMBER.--TA-02-1805
LOCATION.--Lat 38°52'42", long 75°59'31", Hydrologic Unit 02060005, at Cordova.
Owner: William Schluderberg- T. J. Kurdle Co.
AQUIFER.--Wicomico Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 48.4 ft; casing diameter 4 in. with depth to 42.5 ft; screen diameter 3 in. from 43.2 to 48.4 ft.
DATUM.--Altitude of land-surface datum is 42 ft. Measuring point: Top of casing, 0.7 ft above land-surface datum.
PERIOD OF RECORD.--April 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.48 ft below land-surface datum, Dec. 14, 1971; lowest measured, 21.00 ft below land-surface datum, Nov. 19, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 05, 1956	12.69	MAR 07, 1962	12.72	JUN 04, 1968	10.72	SEP 18, 1975	14.20
MAY 03	12.02	APR 03	12.12	JUL 12	12.57	OCT 20	13.40
JUN 07	13.52	MAY 11	12.04	AUG 15	12.80	NOV 21	11.80
JUL 05	13.37	JUN 07	12.84	SEP 30	12.06	DEC 09	13.81
AUG 02	14.16	JUL 05	13.18	NOV 12	13.10	JAN 05, 1976	12.71
SEP 06	14.19	AUG 07	13.70	JAN 02, 1969	12.28	FEB 23	12.99
OCT 04	13.49	SEP 06	14.26	22	12.04	APR 14	12.55
NOV 01	13.42	OCT 11	14.63	FEB 24	12.52	MAY 19	14.63
DEC 06	12.08	NOV 07	14.55	APR 02	10.88	JUN 22	14.97
JAN 08, 1957	11.51	DEC 12	13.82	MAY 05	12.34	AUG 05	15.44
FEB 11	11.81	JAN 10, 1963	13.72	JUN 04	12.50	10	15.39
MAR 07	11.55	FEB 14	12.98	JUL 25	13.53	OCT 07	15.63
APR 05	10.50	MAR 07	12.92	SEP 09	12.62	NOV 08	14.75
MAY 02	12.62	APR 08	11.55	OCT 30	10.82	DEC 15	14.97
29	13.20	MAY 02	12.50	JAN 14, 1970	11.96	JAN 04, 1977	14.53
JUL 09	13.80	JUN 10	12.78	FEB 03	12.22	FEB 22	15.80
AUG 20	14.22	JUL 18	13.71	MAR 16	12.04	MAR 30	15.03
SEP 11	14.35	SEP 05	14.11	APR 20	11.59	MAY 09	14.49
OCT 03	14.57	OCT 18	14.22	JUN 05	12.83	JUN 21	15.49
NOV 04	14.80	NOV 20	14.92	JUL 13	12.48	AUG 09	15.78
DEC 09	14.23	DEC 13	13.56	SEP 23	14.54	SEP 19	15.59
JAN 15, 1958	13.08	JAN 22, 1964	13.12	OCT 08	13.90	NOV 09	15.39
FEB 10	10.76	FEB 05	12.78	NOV 16	12.75	DEC 05	14.22
MAR 06	11.99	MAR 03	11.84	JAN 26, 1971	13.39	JAN 05, 1978	13.35
APR 07	11.24	APR 09	12.02	FEB 26	12.31	FEB 28	12.20
MAY 08	12.13	MAY 06	12.22	MAR 18	11.07	APR 12	13.62
JUN 05	11.26	JUN 11	13.01	25	12.46	MAY 30	14.13
JUL 02	13.59	30	13.28	MAY 04	10.38	JUL 11	14.88
AUG 06	13.24	AUG 07	14.49	JUN 14	14.67	SEP 06	14.94
SEP 09	12.20	SEP 02	14.60	AUG 04	15.29	OCT 19	15.99
OCT 02	12.69	OCT 07	14.45	NOV 09	8.84	NOV 15	15.79
NOV 06	13.02	NOV 13	15.04	DEC 14	8.48	DEC 14	15.52
DEC 04	13.35	DEC 02	15.02	JAN 11, 1972	12.93	JAN 04, 1979	14.84
30	12.49	JAN 08, 1965	14.62	FEB 09	13.35	29	12.46
FEB 05, 1959	13.50	FEB 04	14.06	MAR 08	12.73	MAR 15	13.26
MAR 05	13.57	MAR 18	13.83	APR 06	13.63	APR 17	14.47
APR 02	12.62	APR 01	13.80	MAY 10	13.99	JUN 18	14.07
MAY 07	13.55	MAY 18	13.50	JUN 08	14.29	JUL 18	14.32
JUN 08	13.86	JUN 07	13.76	JUL 13	14.07	SEP 14	13.90
JUL 01	13.99	JUL 08	14.76	SEP 09	12.87	OCT 05	14.20
AUG 07	13.55	30	14.21	OCT 11	14.95	NOV 23	11.37
SEP 03	11.98	SEP 08	14.05	NOV 13	14.33	JAN 04, 1980	14.44
OCT 13	12.63	OCT 01	14.24	DEC 08	14.08	MAR 04	13.59
NOV 12	12.41	NOV 05	14.49	JAN 09, 1973	12.97	JUN 23	14.28
JAN 07, 1960	11.41	DEC 02	13.06	FEB 08	12.54	AUG 14	16.24
FEB 04	12.87	JAN 05, 1966	12.78	MAR 06	13.51	SEP 10	11.92
MAR 01	11.91	FEB 15	11.89	APR 05	14.05	OCT 21	15.36
APR 11	12.29	MAR 15	12.32	MAY 05	11.87	DEC 08	12.44
MAY 04	13.24	APR 09	12.23	JUN 05	14.33	JAN 05, 1981	15.60
JUN 06	13.32	28	11.01	JUL 19	15.79	FEB 06	16.79
JUL 06	14.01	JUN 10	11.35	AUG 09	15.93	18	16.55
AUG 03	14.30	AUG 02	12.80	SEP 04	15.35	APR 06	14.52
SEP 06	14.47	29	13.28	OCT 11	16.25	MAY 04	14.41
OCT 11	11.79	OCT 03	14.21	NOV 05	15.86	JUN 11	14.45
NOV 03	12.81	NOV 14	13.34	DEC 13	14.22	JUL 13	14.24
DEC 09	11.82	DEC 13	13.20	JAN 10, 1974	14.84	AUG 17	15.44
JAN 05, 1961	12.22	JAN 03, 1967	12.16	FEB 14	14.57	SEP 21	14.78
FEB 02	12.85	FEB 02	12.84	MAR 14	14.47	OCT 20	13.53
MAR 06	12.93	28	12.84	APR 18	12.76	NOV 24	14.93
APR 06	10.45	APR 11	12.81	MAY 30	14.27	DEC 29	14.67
MAY 04	12.45	MAY 15	12.90	JUL 18	13.89	FEB 02, 1982	14.13
JUN 01	12.81	JUN 21	14.13	AUG 21	14.83	MAR 16	13.52
30	13.19	AUG 02	14.58	OCT 11	15.01	APR 20	13.99
AUG 03	13.92	SEP 21	12.04	DEC 06	14.48	MAY 28	14.94
31	14.03	NOV 07	11.12	JAN 03, 1975	13.66	JUL 12	14.75
OCT 04	13.80	DEC 04	10.76	20	13.92	AUG 11	15.30
NOV 02	14.43	JAN 03, 1968	11.24	FEB 28	12.24	SEP 20	13.75
DEC 07	14.64	FEB 21	11.43	APR 09	11.29	NOV 15	15.64
JAN 04, 1962	14.01	MAR 26	11.50	JUN 03	13.58	DEC 20	14.63
FEB 08	13.59	APR 30	10.92	23	13.84	JAN 27, 1983	15.40

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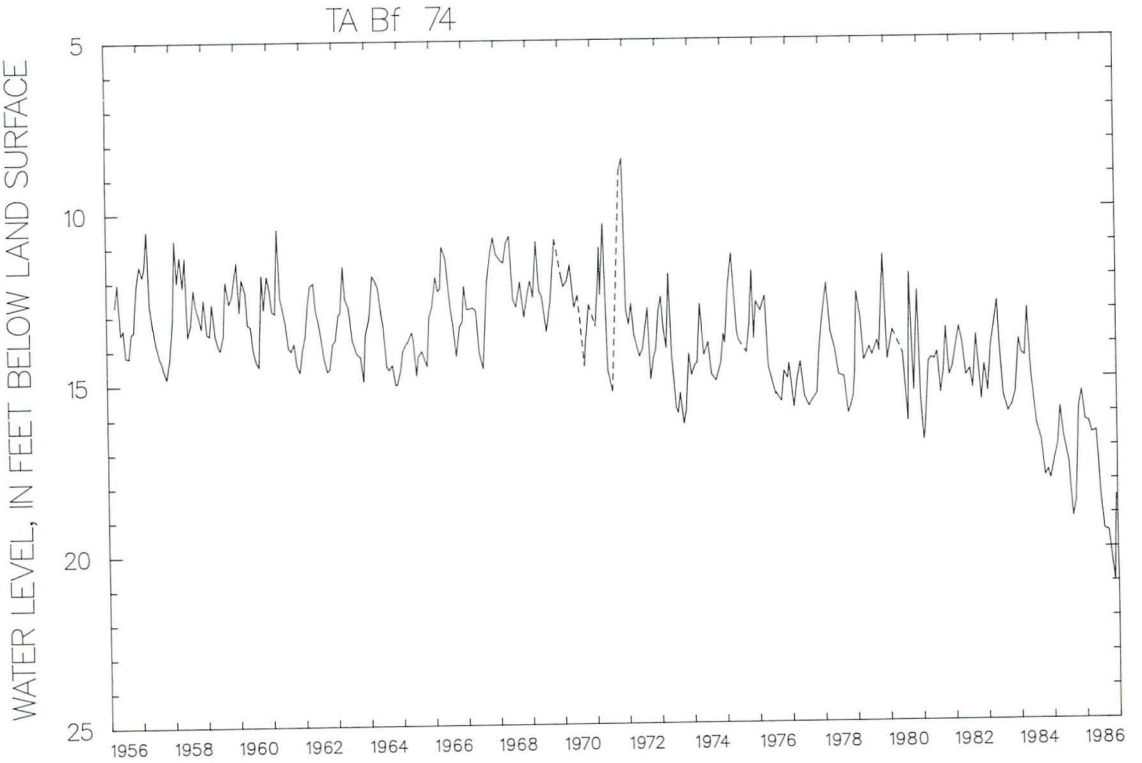
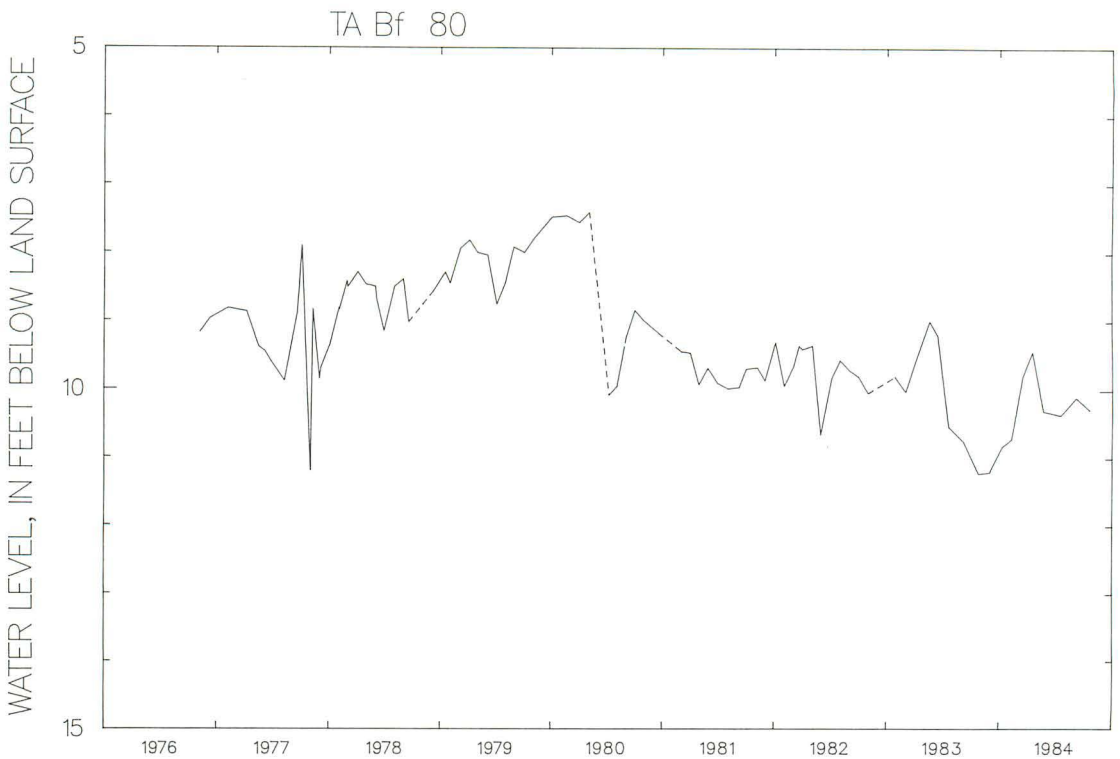
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 03, 1983	14.09	MAR 16, 1984	14.38	APR 08, 1985	15.88	MAY 12, 1986	16.59
APR 06	13.52	APR 16	12.97	MAY 13	16.74	JUL 03	18.63
MAY 19	12.76	MAY 22	14.88	JUL 10	17.52	AUG 07	19.48
JUN 14	14.21	JUL 17	16.35	AUG 22	19.10	SEP 23	19.54
JUL 20	15.54	SEP 05	16.84	SEP 24	18.65	NOV 19	21.00
SEP 07	16.00	OCT 18	17.89	OCT 31	15.92	DEC 18	18.50
OCT 24	15.77	NOV 20	17.72	DEC 06	15.41		
NOV 29	15.42	DEC 19	17.98	JAN 13, 1986	16.27		
JAN 10, 1984	13.89	JAN 30, 1985	17.39	FEB 20	16.32		
FEB 09	14.31	MAR 08	16.96	MAR 27	16.65		



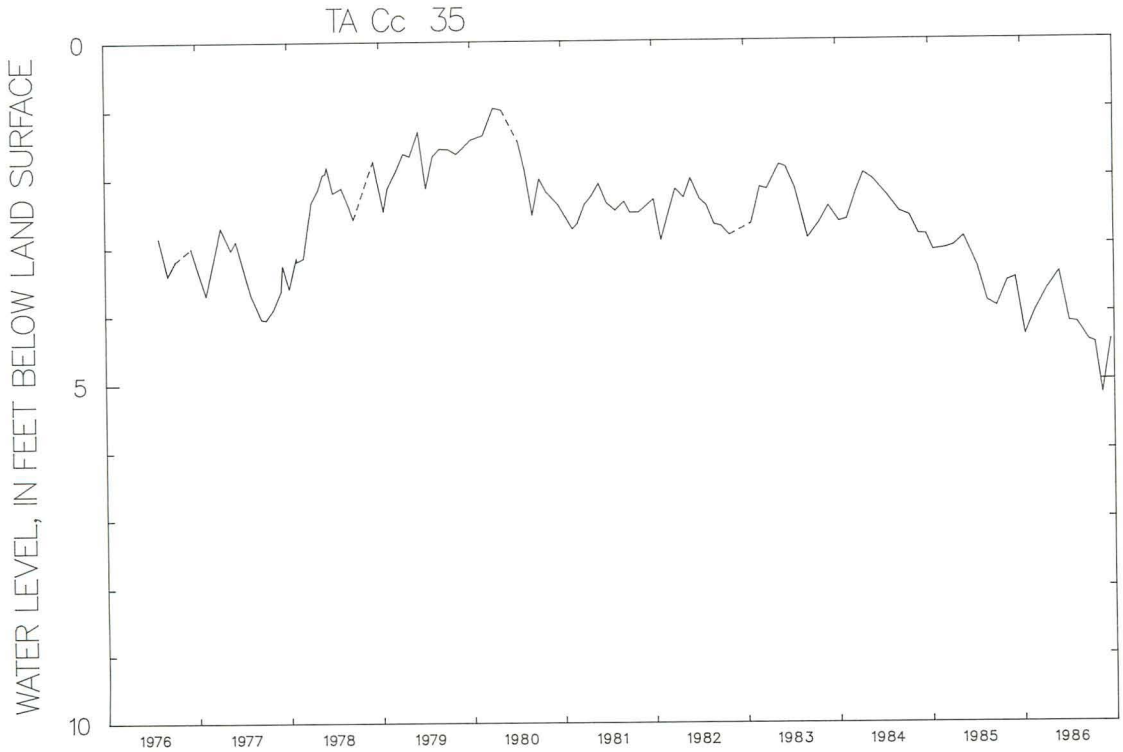
WELL NUMBER.--TA Bf 80 SITE ID.--385227075594701 PERMIT NUMBER.--TA-73-0756
LOCATION.--Lat 38°52'27", long 75°59'47", Hydrologic Unit 02060005, at Cordova.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 371 ft; casing diameter 6 in. with depth to 61 ft; casing diameter 2 in. from 61 to 351 ft; slotted screen from 351 to 371 ft.
DATUM.--Altitude of land-surface datum is 47 ft. Measuring point: Top of casing, 2.4 ft above land-surface datum.
REMARKS.--Well destroyed February 1985.
PERIOD OF RECORD.--November 1976 to October 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.41 ft below land-surface datum, May 5, 1980; lowest measured, 11.22 ft below land-surface datum, Oct. 24, 1983.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 08, 1976	9.17	JUN 05, 1978	8.70	AUG 05, 1980	9.95	JUL 06, 1982	9.82
DEC 10	8.97	29	9.15	SEP 03	9.24	AUG 02	9.56
FEB 07, 1977	8.82	AUG 02	8.50	OCT 02	8.84	SEP 02	9.71
APR 08	8.87	31	8.39	29	8.98	OCT 01	9.80
MAY 18	9.38	SEP 18	9.02	DEC 18	9.17	NOV 01	10.04
JUN 07	9.45	DEC 07	8.57	MAR 04, 1981	9.44	JAN 27, 1983	9.80
27	9.60	JAN 16, 1979	8.29	APR 02	9.46	MAR 03	10.02
AUG 09	9.88	FEB 01	8.45	30	9.92	APR 06	9.54
SEP 19	8.89	MAR 07	7.94	MAY 29	9.68	MAY 19	8.99
OCT 04	7.90	APR 06	7.82	JUN 30	9.90	JUN 14	9.20
NOV 02	11.20	MAY 02	8.00	AUG 03	9.98	JUL 20	10.53
09	8.83	JUN 05	8.04	SEP 08	9.96	SEP 07	10.75
DEC 01	9.85	JUL 05	8.76	OCT 01	9.69	OCT 24	11.22
05	9.69	AUG 02	8.44	NOV 06	9.67	NOV 29	11.20
JAN 04, 1978	9.34	30	7.92	DEC 01	9.86	JAN 10, 1984	10.82
FEB 02	8.81	OCT 04	8.00	JAN 04, 1982	9.30	FEB 09	10.71
03	8.84	NOV 05	7.79	FEB 02	9.94	MAR 16	9.79
28	8.42	JAN 03, 1980	7.48	MAR 04	9.65	APR 16	9.43
MAR 02	8.51	FEB 20	7.46	22	9.35	MAY 22	10.30
APR 04	8.29	APR 02	7.56	APR 01	9.40	JUL 17	10.36
MAY 01	8.47	MAY 05	7.41	MAY 04	9.35	SEP 05	10.10
31	8.50	JUL 10	10.08	JUN 01	10.65	OCT 18	10.28



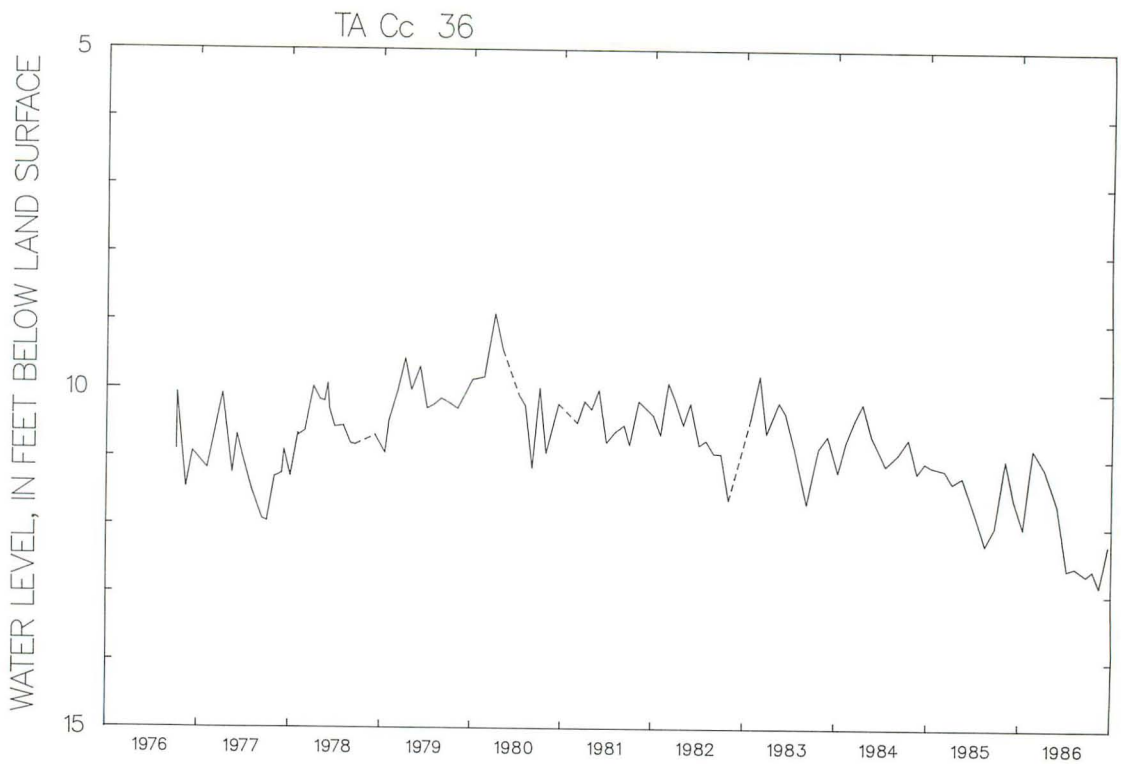
WELL NUMBER.--TA Cc 35 SITE ID.--384923076100601 PERMIT NUMBER.--TA-73-0767
LOCATION.--Lat 38°49'23", long 76°10'06", Hydrologic Unit 02060002, at Tunis Mills.
Owner: U.S.Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 220 ft; casing diameter 6 to 2 in.; screened from 170 to 180 ft.
DATUM.--Altitude of land-surface datum is 5 ft. Measuring point: Top of casing, 1.8 ft above land-surface datum.
PERIOD OF RECORD.--August 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.97 ft below land-surface datum, April 2, 1980; lowest measured, 5.20 ft below land-surface datum, Nov. 14, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 03, 1976	2.85	DEC 07, 1978	1.74	AUG 03, 1981	2.48	MAY 22, 1984	2.04
SEP 08	3.40	JAN 16, 1979	2.47	SEP 08	2.35	JUL 17	2.28
OCT 07	3.20	FEB 01	2.14	OCT 01	2.51	SEP 05	2.52
08	3.19	MAR 07	1.89	NOV 06	2.51	OCT 15	2.58
DEC 10	3.00	APR 06	1.63	JAN 04, 1982	2.32	NOV 19	2.85
FEB 07, 1977	3.70	MAY 02	1.67	FEB 02	2.92	DEC 19	2.86
APR 08	2.70	JUN 05	1.31	MAR 04	2.52	JAN 15, 1985	3.09
MAY 18	3.03	JUL 05	2.14	APR 01	2.17	MAR 08	3.06
JUN 07	2.90	AUG 02	1.67	MAY 04	2.30	APR 08	3.02
27	3.18	30	1.56	JUN 01	2.02	MAY 17	2.89
AUG 04	3.69	OCT 04	1.57	JUL 06	2.32	JUL 09	3.34
SEP 15	4.05	NOV 05	1.64	AUG 02	2.41	AUG 16	3.84
OCT 04	4.06	JAN 03, 1980	1.43	SEP 02	2.69	SEP 23	3.92
NOV 02	3.90	FEB 20	1.37	OCT 01	2.72	NOV 04	3.55
DEC 02	3.64	APR 02	0.97	NOV 01	2.85	DEC 06	3.50
09	3.26	MAY 05	1.00	JAN 27, 1983	2.68	JAN 13, 1986	4.34
JAN 04, 1978	3.60	JUL 10	1.47	MAR 03	2.15	FEB 20	4.00
FEB 02	3.14	AUG 05	1.88	31	2.18	APR 08	3.68
03	3.20	SEP 03	2.54	MAY 19	1.82	MAY 28	3.42
MAR 02	3.15	OCT 02	2.01	JUN 14	1.86	JUL 07	4.15
APR 04	2.34	29	2.20	JUL 20	2.17	AUG 07	4.17
MAY 01	2.15	DEC 18	2.40	SEP 08	2.90	SEP 22	4.43
19	1.94	FEB 12, 1981	2.75	OCT 24	2.67	OCT 17	4.47
JUN 05	1.82	MAR 04	2.67	NOV 29	2.43	NOV 14	5.20
29	2.20	APR 02	2.39	JAN 10, 1984	2.66	DEC 18	4.43
AUG 02	2.13	30	2.27	FEB 09	2.63		
31	2.40	MAY 29	2.09	MAR 15	2.25		
SEP 18	2.59	JUN 30	2.37	APR 16	1.95		



WELL NUMBER.--TA Cc 36 SITE ID.--384514076103701 PERMIT NUMBER.--TA-73-0750
LOCATION.--Lat 38°45'14", long 76°10'37", Hydrologic Unit 02060002, at Newcomb.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 241 ft; casing diameter 6 in. with depth to 57 ft; casing diameter 2 in. from 51 to 231 ft; screen diameter 2 in. from 231 to 241 ft.
DATUM.--Altitude of land-surface datum is 7 ft. Measuring point: Top of casing, 1.4 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.89 ft below land-surface datum, April 2, 1980; lowest measured, 12.85 ft below land-surface datum Nov. 14, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07, 1976	10.90	MAR 07, 1979	10.03	MAR 04, 1982	9.88	APR 08, 1985	11.34
08	10.06	APR 06	9.55	APR 01	10.14	MAY 17	11.25
NOV 14	11.46	MAY 02	10.01	MAY 04	10.50	JUL 09	11.82
DEC 10	10.93	JUN 05	9.67	JUN 01	10.18	AUG 16	12.25
FEB 07, 1977	11.18	JUL 05	10.28	JUL 06	10.80	SEP 23	11.98
APR 08	10.07	AUG 02	10.22	AUG 02	10.73	NOV 04	10.99
MAY 18	11.24	30	10.13	SEP 02	10.92	DEC 06	11.57
JUN 06	10.68	OCT 04	10.20	OCT 01	10.93	JAN 13, 1986	12.00
27	10.99	NOV 05	10.28	NOV 01	11.61	FEB 20	10.83
AUG 04	11.49	JAN 03, 1980	9.85	JAN 27, 1983	10.41	APR 08	11.12
SEP 15	11.92	FEB 20	9.81	MAR 03	9.77	MAY 28	11.65
OCT 04	11.95	APR 02	8.89	31	10.62	JUL 07	12.60
NOV 02	11.30	MAY 05	9.42	MAY 19	10.16	AUG 07	12.56
DEC 01	11.25	JUL 10	10.07	JUN 14	10.32	SEP 22	12.68
09	10.90	AUG 05	10.23	JUL 20	10.84	OCT 17	12.60
JAN 04, 1978	11.29	SEP 03	11.15	SEP 08	11.66	NOV 14	12.85
FEB 02	10.66	OCT 02	9.97	OCT 24	10.84	DEC 18	12.25
03	10.69	29	10.93	NOV 29	10.65	JAN 13	8.31
MAR 02	10.62	DEC 18	10.20	JAN 10, 1984	11.19	FEB 20	6.70
APR 04	9.97	MAR 04, 1981	10.48	FEB 09	10.75	APR 08	5.90
MAY 01	10.16	APR 02	10.16	MAR 16	10.41	MAY 28	14.48
19	10.18	30	10.28	APR 16	10.17	JUL 07	22.49
JUN 08	10.30	MAY 29	9.99	MAY 22	10.65	AUG 07	24.34
29	10.56	JUN 30	10.77	JUL 17	11.09	SEP 22	22.75
AUG 02	10.54	AUG 03	10.61	SEP 05	10.91	OCT 20	16.62
31	10.80	SEP 08	10.51	OCT 15	10.69	NOV 14	12.14
SEP 18	10.82	OCT 01	10.80	NOV 19	11.20	DEC 18	9.40
DEC 07	10.68	NOV 06	10.15	DEC 19	11.04		
JAN 16, 1979	10.94	JAN 04, 1982	10.36	JAN 15, 1985	11.10		
FEB 01	10.46	FEB 02	10.65	MAR 08	11.15		



WELL NUMBER.--TA Ce 7 SITE ID.--384643076043801
LOCATION.--Lat 38°46'43", long 76°04'38", Hydrologic Unit 02060005, in Easton.
Owner: Easton Utilities Commission.
AQUIFER.--Calvert Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 104 ft; casing diameter 4 in.
DATUM.--Altitude of land-surface datum is 13 ft. Measuring point: Top of casing, 1.4 ft above land-surface datum.
REMARKS.--Water level measured 43.43 ft below land-surface datum Oct. 7, 1948; water levels may be affected by nearby pumping.
PERIOD OF RECORDS.--April 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.97 ft below land-surface datum, April 16, 1984; lowest measured 75.36 ft below land-surface datum, Aug. 2, 1966.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 05, 1956	50.44	MAR 07, 1962	15.33	JUN 04, 1968	53.90	OCT 20, 1975	29.84
MAY 03	60.72	APR 03	58.10	JUL 12	63.08	NOV 21	24.91
JUN 07	58.79	MAY 11	27.91	AUG 15	73.84	DEC 09	23.51
JUL 05	54.66	JUN 07	32.49	SEP 30	67.55	FEB 23, 1976	12.00
AUG 02	72.37	JUL 05	40.58	NOV 12	55.32	APR 14	9.21
SEP 06	66.94	AUG 07	43.73	JAN 02, 1969	30.55	MAY 19	22.15
OCT 04	53.63	SEP 06	44.33	22	46.17	JUN 22	29.61
NOV 01	48.49	OCT 11	33.86	FEB 24	58.80	AUG 05	34.51
DEC 06	32.30	NOV 07	32.81	APR 02	60.26	10	35.30
JAN 08, 1957	34.78	DEC 12	62.30	MAY 05	52.83	OCT 07	27.54
FEB 11	34.33	JAN 10, 1963	25.46	JUN 04	60.27	NOV 08	19.02
MAR 07	24.35	FEB 15	22.99	JUL 25	47.66	DEC 15	13.27
APR 05	21.91	MAR 07	55.02	SEP 09	43.27	JAN 04, 1977	11.58
MAY 02	35.57	APR 08	23.42	OCT 30	31.67	FEB 18	9.14
29	37.31	MAY 02	40.42	JAN 14, 1970	22.63	MAR 30	8.13
JUL 09	59.52	JUN 10	34.38	FEB 03	39.85	MAY 07	12.94
AUG 20	73.20	JUL 18	67.37	MAR 16	16.99	JUN 21	26.92
SEP 11	61.93	SEP 05	52.33	APR 20	19.73	AUG 09	36.07
OCT 03	56.49	OCT 08	46.29	JUN 05	57.40	SEP 19	35.40
NOV 14	39.05	NOV 20	29.57	JUL 13	41.91	NOV 09	21.47
DEC 09	35.85	DEC 17	26.94	SEP 23	44.42	DEC 05	19.10
JAN 15, 1958	33.21	JAN 23, 1964	22.30	OCT 08	34.34	JAN 05, 1978	16.40
FEB 10	34.04	FEB 04	56.40	NOV 16	28.15	FEB 28	11.02
MAR 06	28.65	MAR 03	54.10	JAN 26, 1971	20.74	APR 12	10.69
APR 07	26.19	APR 10	22.36	FEB 26	44.99	JUL 11	25.29
MAY 08	26.54	MAY 06	41.48	MAR 25	16.89	SEP 06	33.18
JUN 05	38.39	JUN 11	57.96	MAY 04	21.40	OCT 19	24.28
JUL 02	59.54	30	64.02	JUN 14	26.60	NOV 15	21.11
AUG 06	62.87	AUG 07	45.02	AUG 04	41.55	DEC 14	18.29
SEP 09	49.34	SEP 02	41.45	NOV 09	58.40	JAN 04, 1979	14.79
OCT 02	43.02	OCT 07	33.68	DEC 14	50.21	29	11.60
NOV 06	44.47	NOV 13	25.89	JAN 11, 1972	29.80	MAR 15	8.11
DEC 04	51.98	DEC 02	53.78	FEB 09	23.19	APR 17	9.23
30	53.26	JAN 08, 1965	20.10	MAR 08	21.83	JUN 18	22.63
FEB 05, 1959	42.42	FEB 04	33.05	APR 06	48.41	JUL 18	28.49
MAR 05	25.62	MAR 19	53.43	MAY 10	52.12	SEP 14	30.38
APR 02	19.96	APR 01	23.31	JUN 08	35.13	OCT 05	26.91
MAY 07	26.52	MAY 18	32.90	JUL 13	62.84	NOV 23	18.25
JUN 08	54.36	JUN 07	35.01	SEP 09	43.18	JAN 04, 1980	12.07
JUL 01	39.03	JUL 08	39.04	OCT 11	57.47	MAR 04	6.98
AUG 07	45.34	30	68.37	NOV 13	32.39	APR 08	5.39
SEP 03	44.54	SEP 08	65.48	DEC 08	26.13	MAY 21	11.18
OCT 13	34.88	OCT 01	42.25	JAN 09, 1973	23.03	JUN 23	18.98
NOV 12	32.17	NOV 05	45.60	FEB 08	21.07	AUG 14	24.50
JAN 07, 1960	22.96	DEC 02	31.94	MAR 06	20.20	SEP 10	25.73
FEB 04	22.68	JAN 04, 1966	29.79	APR 05	18.76	OCT 21	14.20
MAR 01	20.66	FEB 15	31.03	MAY 05	22.26	DEC 08	7.87
APR 11	18.76	MAR 15	54.71	JUN 05	29.28	JAN 05, 1981	6.34
MAY 04	34.06	APR 09	54.79	JUL 19	35.15	FEB 06	5.27
JUN 06	56.39	28	57.10	AUG 09	36.50	18	4.87
JUL 06	47.85	JUN 10	39.89	SEP 04	38.23	APR 06	3.53
AUG 03	45.51	AUG 02	75.36	OCT 11	36.69	MAY 04	2.88
SEP 06	43.41	29	59.84	NOV 05	29.49	JUN 11	16.78
OCT 11	25.45	OCT 13	32.32	DEC 13	22.73	JUL 13	21.34
NOV 03	26.22	NOV 14	47.25	JAN 10, 1974	22.06	AUG 17	23.87
DEC 09	27.98	DEC 13	43.53	FEB 14	21.68	SEP 21	23.32
JAN 05, 1961	56.65	JAN 03, 1967	41.50	MAR 14	21.32	OCT 20	12.75
FEB 02	27.84	FEB 02	23.66	APR 18	20.07	NOV 24	7.88
MAR 06	15.81	28	17.14	MAY 30	27.03	DEC 29	5.63
APR 06	14.42	APR 11	42.03	JUL 18	36.02	FEB 02, 1982	3.90
MAY 04	15.78	MAY 15	25.16	AUG 21	38.47	MAR 16	2.54
JUN 01	21.05	JUN 21	65.58	OCT 11	29.41	APR 20	4.78
30	53.70	AUG 02	68.20	DEC 06	24.48	MAY 28	25.02
AUG 03	34.62	SEP 21	40.49	JAN 03, 1975	19.48	JUL 12	31.81
31	43.67	NOV 07	53.83	20	16.26	AUG 11	24.87
OCT 04	66.10	DEC 04	53.07	FEB 28	12.64	SEP 20	22.03
NOV 02	24.27	JAN 03, 1968	49.58	APR 17	13.58	NOV 15	9.63
DEC 07	22.51	FEB 21	19.65	JUN 03	23.91	DEC 20	6.25
JAN 04, 1962	21.89	MAR 26	44.23	23	28.46	JAN 27, 1983	4.37
FEB 08	21.82	APR 30	49.25	SEP 18	30.96	MAR 03	2.98

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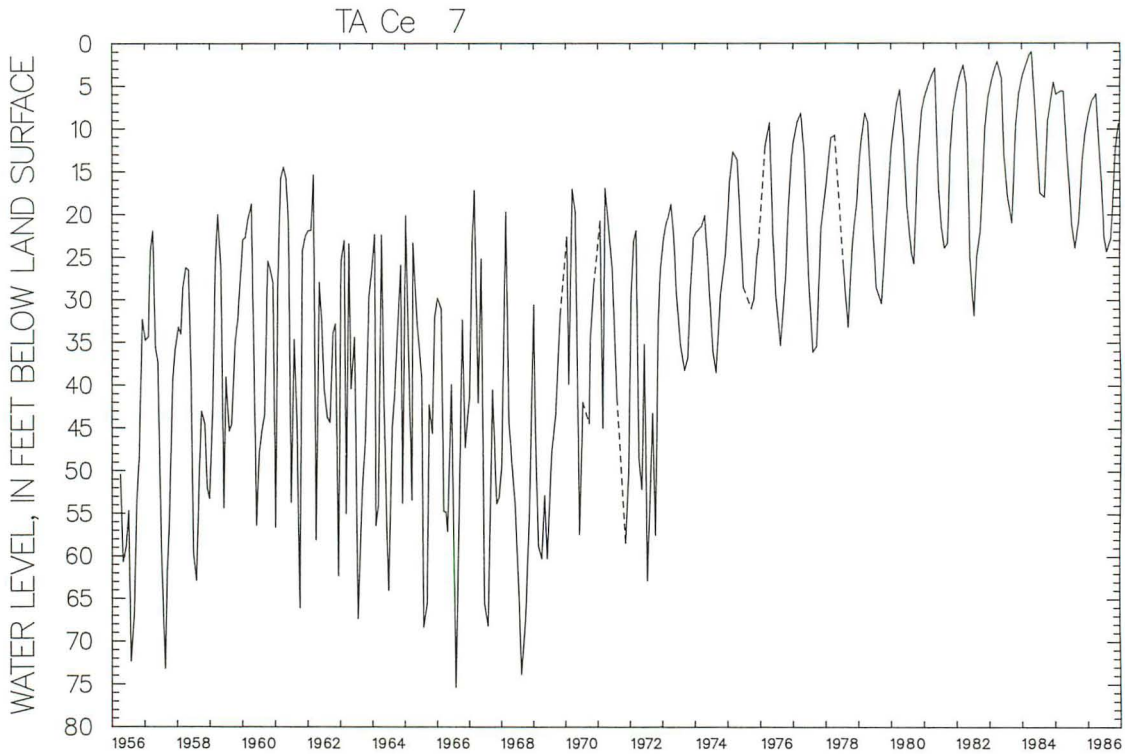
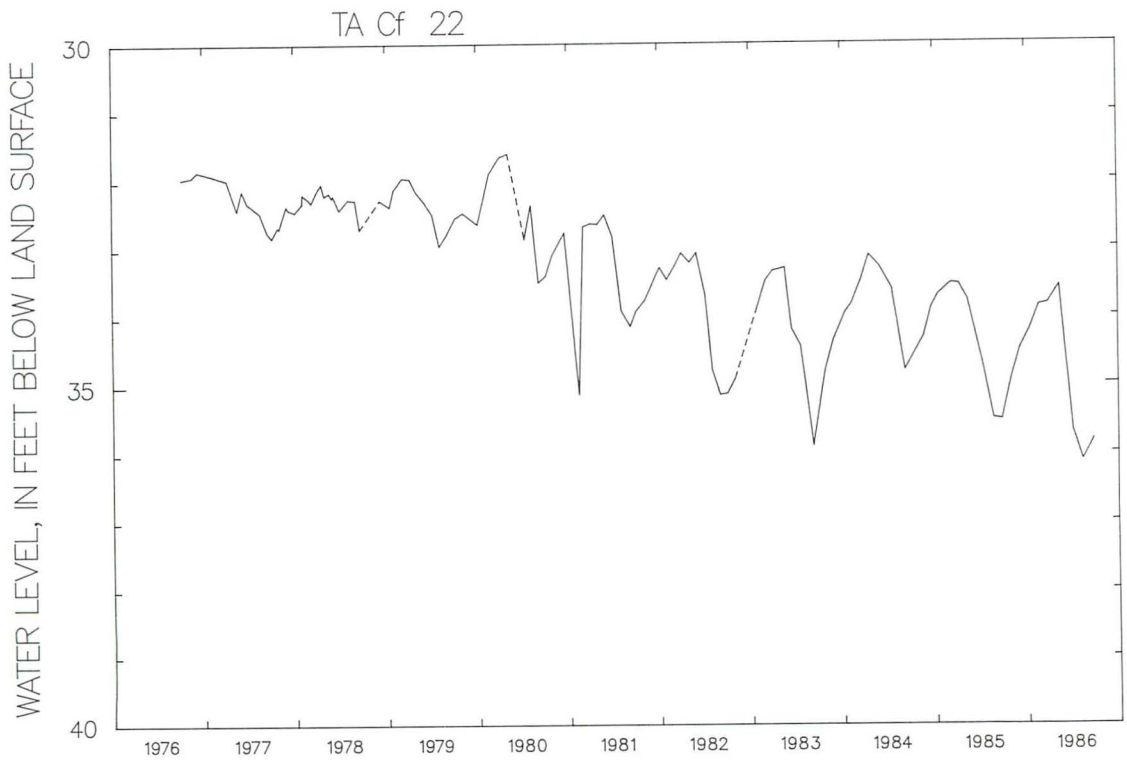
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 31, 1983	2.12	APR 16, 1984	.97	MAY 17, 1985	12.44	JUL 07, 1986	22.49
MAY 19	4.04	MAY 22	6.59	JUL 09	21.11	AUG 07	24.34
JUN 14	12.88	JUL 17	17.43	AUG 16	23.88	SEP 22	22.75
JUL 20	17.64	SEP 05	17.92	SEP 23	20.84	OCT 20	16.62
SEP 08	20.92	OCT 15	9.02	NOV 04	13.65	NOV 14	12.14
OCT 24	9.47	NOV 19	6.54	DEC 06	10.61	DEC 18	9.40
NOV 29	5.73	DEC 19	4.53	JAN 13, 1986	8.31		
JAN 10, 1984	3.63	JAN 15, 1985	5.92	FEB 20	6.70		
FEB 09	2.65	MAR 08	5.57	APR 08	5.90		
MAR 16	1.50	APR 08	5.58	MAY 28	14.48		



WELL NUMBER.--TA Cf 22 SITE ID.--384931075552001 PERMIT NUMBER.--TA-73-0798
LOCATION.--Lat 38°49'31", long 75°55'20", Hydrologic Unit 02060005, 1 mi northeast of Matthews.
Owner: U.S. Geological Survey.
AQUIFER.--Piney Point Formation.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 371 ft; casing diameter 6 in. with depth to 61 ft; casing diameter 2 in. from 61 to 361 ft; screen diameter 2 in. from 361 to 371 ft.
DATUM.--Altitude of land-surface datum is 34 ft. Measuring point: Top of casing, 1.35 ft above land-surface datum.
PERIOD OF RECORD.--October 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.60 ft below land-surface datum, May 5, 1980; lowest measured, 36.12 ft below land-surface datum, Aug. 11, 1986.

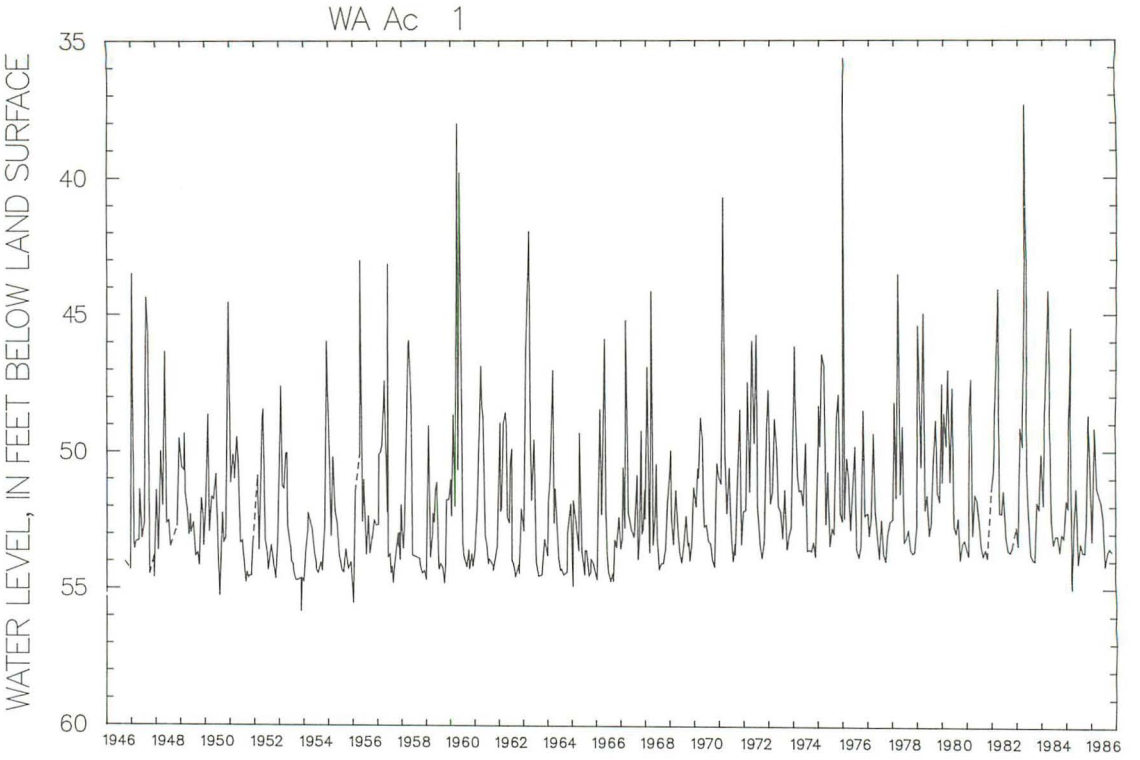
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 07, 1976	31.95	SEP 18, 1978	32.70	JUN 30, 1981	32.82	APR 17, 1984	33.11
NOV 18	31.92	DEC 07	32.27	AUG 03	33.91	MAY 29	33.28
DEC 10	31.84	JAN 16, 1979	32.37	SEP 08	34.14	JUL 17	33.61
FEB 07, 1977	31.90	FEB 01	32.12	OCT 01	33.92	SEP 05	34.80
APR 07	31.97	MAR 07	31.95	NOV 06	33.76	OCT 15	34.54
MAY 18	32.41	APR 06	31.96	JAN 04, 1982	33.28	NOV 19	34.31
JUN 07	32.12	MAY 02	32.15	FEB 02	33.46	DEC 19	33.89
27	32.30	JUN 05	32.31	MAR 04	33.27	JAN 15, 1985	33.70
AUG 17	32.45	JUL 05	32.48	APR 01	33.07	MAR 08	33.53
SEP 15	32.73	AUG 02	32.95	MAY 04	33.21	APR 08	33.54
OCT 04	32.82	30	32.79	JUN 01	33.07	MAY 13	33.77
27	32.66	OCT 04	32.54	JUL 06	33.70	JUL 09	34.69
NOV 02	32.68	NOV 05	32.46	AUG 02	34.79	AUG 22	35.51
DEC 01	32.35	JAN 03, 1980	32.63	SEP 02	35.15	SEP 24	35.53
09	32.40	FEB 20	31.89	OCT 01	35.13	OCT 31	34.93
JAN 04, 1978	32.44	APR 02	31.65	NOV 01	34.91	DEC 06	34.49
FEB 02	32.31	MAY 05	31.60	JAN 27, 1983	33.89	JAN 13, 1986	34.22
03	32.18	JUL 10	32.85	MAR 03	33.48	FEB 20	33.86
MAR 02	32.26	AUG 05	32.35	31	33.34	MAR 27	33.83
10	32.30	SEP 03	33.49	MAY 19	33.29	MAY 12	33.57
APR 04	32.11	OCT 02	33.39	JUN 14	34.19	JUL 03	35.69
19	32.03	29	33.09	JUL 20	34.44	AUG 11	36.12
MAY 01	32.20	DEC 18	32.76	SEP 07	35.89	SEP 23	35.82
19	32.16	FEB 12, 1981	35.13	OCT 24	34.81		
JUN 05	32.20	MAR 04	32.67	NOV 28	34.35		
29	32.41	APR 02	32.63	JAN 12, 1984	33.96		
AUG 02	32.26	30	32.64	FEB 08	33.82		
31	32.27	MAY 29	32.50	MAR 16	33.48		



WELL NUMBER.--WA Ac 1 SITE ID.--394154078103501
LOCATION.--Lat 39°41'54", long 78°10'35", Hydrologic Unit 02070004, at Hancock.
Owner: Susan Creager.
AQUIFER.--Romney Formation.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 86.2 ft; casing diameter 4 in. to unknown depth; open hole.
DATUM.--Altitude of land-surface datum is 440 ft. Measuring point: Top of tile pipe, 0.25 ft above land-surface datum.
PERIOD OF RECORD.--October 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 35.65 ft below land surface datum, Jan. 2, 1976; lowest measured, 55.83 ft below land-surface datum, Nov. 19, 1953.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02, 1946	54.03	APR 16, 1952	48.81	APR 12, 1957	48.17	JUN 20, 1961	54.09
DEC 18	54.30	MAY 02	48.44	MAY 24	52.21	SEP 28	54.16
JAN 03, 1947	43.50	JUN 06	53.20	28	43.15	29	54.34
FEB 07	53.32	JUL 09	53.76	JUN 06	53.87	OCT 30	53.92
19	53.54	22	54.32	JUL 05	53.73	NOV 29	53.49
MAR 07	53.29	SEP 04	53.42	17	54.44	JAN 09, 1962	48.94
APR 22	53.24	OCT 17	54.23	AUG 02	54.26	17	52.18
MAY 02	51.37	NOV 11	54.64	04	54.20	FEB 02	52.07
JUN 05	53.16	13	54.45	SEP 05	54.31	27	49.00
JUL 10	52.62	DEC 08	53.34	OCT 28	53.05	MAR 29	48.57
AUG 04	44.36	JAN 20, 1953	47.60	29	53.18	APR 12	49.03
SEP 03	45.76	FEB 11	51.25	NOV 01	53.00	30	52.40
29	54.47	MAR 09	51.35	17	53.33	MAY 29	52.60
DEC 02	53.83	APR 03	50.07	DEC 01	53.87	JUN 14	50.41
05	54.60	21	50.05	04	53.95	JUL 05	49.90
JAN 06, 1948	51.40	MAY 04	52.70	JAN 09, 1958	53.28	11	53.97
FEB 05	53.59	JUN 19	53.53	20	53.54	AUG 21	54.33
MAR 08	49.98	30	54.01	FEB 03	52.80	30	54.57
APR 08	51.97	JUL 23	54.11	12	51.66	OCT 03	54.29
MAY 09	46.34	AUG 03	54.39	MAR 04	49.18	16	54.14
JUN 05	52.63	31	54.69	APR 01	46.05	NOV 26	52.09
JUL 06	52.52	SEP 30	54.69	09	45.95	JAN 03, 1963	52.90
AUG 04	53.46	NOV 16	54.62	MAY 12	48.05	04	52.72
NOV 07	52.73	19	55.83	15	48.85	MAR 22	41.95
DEC 08	49.50	DEC 04	54.63	JUN 06	53.75	APR 10	49.23
JAN 14, 1949	50.57	30	54.75	13	53.80	30	51.78
FEB 14	50.69	FEB 01, 1954	53.51	JUL 23	53.84	JUN 05	49.57
22	49.32	25	52.92	SEP 23	53.92	JUL 09	53.90
MAR 06	51.50	MAR 01	52.24	30	54.15	10	54.05
APR 06	52.10	30	52.54	OCT 30	54.45	AUG 14	54.55
MAY 03	53.04	APR 29	52.83	DEC 03	54.35	OCT 01	54.50
23	52.30	JUN 10	53.79	30	54.67	08	54.35
JUN 01	52.95	28	54.03	JAN 09, 1959	52.67	NOV 12	53.20
JUL 08	52.60	JUL 06	54.32	30	49.05	DEC 27	53.80
AUG 04	53.53	30	54.44	MAR 03	53.86	JAN 08, 1964	51.84
11	53.82	SEP 09	54.05	APR 02	53.00	30	50.98
SEP 11	53.68	29	54.35	06	52.26	MAR 13	47.02
OCT 05	54.15	NOV 04	52.73	MAY 14	51.39	APR 02	52.61
NOV 02	51.70	30	45.97	JUN 03	51.13	17	51.35
30	52.38	DEC 21	48.47	JUL 06	54.25	JUN 11	53.90
DEC 08	53.44	JAN 05, 1955	49.67	10	54.28	JUL 08	54.34
JAN 06, 1950	51.95	FEB 07	53.08	SEP 03	54.24	22	54.28
FEB 07	48.64	MAR 01	50.20	28	54.80	AUG 26	54.51
MAR 02	52.92	APR 06	52.20	OCT 15	54.15	OCT 14	54.39
APR 05	51.64	MAY 06	52.60	29	51.76	21	52.97
MAY 02	51.75	JUN 08	53.79	DEC 02	51.75	DEC 08	51.90
JUN 05	50.82	JUL 20	54.35	30	51.03	JAN 11, 1965	54.92
JUL 12	53.63	AUG 11	54.41	JAN 11, 1960	52.36	15	51.77
AUG 04	55.26	SEP 14	53.56	FEB 03	48.65	FEB 24	52.58
SEP 12	52.24	OCT 12	54.12	MAR 03	52.00	APR 08	53.61
OCT 03	53.32	22	54.28	APR 05	38.02	14	49.32
24	53.18	NOV 29	54.04	14	50.67	MAY 25	53.66
DEC 06	44.54	JAN 04, 1956	55.52	MAY 10	39.81	JUL 06	54.50
JAN 10, 1951	51.13	11	54.64	JUN 29	53.29	14	53.60
FEB 13	50.11	APR 06	50.05	JUL 13	53.76	AUG 05	53.62
MAR 06	50.71	09	43.01	22	53.86	SEP 09	54.54
07	50.99	MAY 18	52.56	AUG 30	54.21	OCT 04	54.39
APR 10	49.46	JUN 05	51.02	SEP 29	53.59	08	53.92
30	50.30	JUL 16	53.76	OCT 10	54.28	NOV 16	54.11
JUN 08	53.34	AUG 13	52.36	NOV 14	53.74	DEC 30	54.60
JUL 05	53.25	SEP 07	53.72	29	54.19	JAN 06, 1966	54.67
AUG 25	54.77	OCT 08	53.12	DEC 30	53.61	FEB 18	48.45
SEP 11	54.39	11	53.18	JAN 12, 1961	52.94	MAR 16	52.30
OCT 04	54.61	NOV 09	52.50	30	52.15	APR 29	45.89
05	54.56	DEC 07	52.70	MAR 28	46.87	MAY 18	52.15
NOV 13	54.52	JAN 10, 1957	52.68	APR 11	48.37	31	53.04
DEC 07	53.33	14	50.10	28	48.71	JUN 08	53.68
FEB 12, 1952	50.89	FEB 08	50.01	JUN 02	53.05	28	54.37
MAR 08	53.59	MAR 01	49.76	29	53.46	JUL 27	54.68
APR 09	49.99	APR 08	47.40	JUL 12	53.85	29	54.74

DATE	WATER LEVEL
AUG 30, 1966	54.45
SEP 09	54.73
29	53.22
OCT 13	53.32
20	53.42
NOV 29	52.40
DEC 28	53.54
JAN 19, 1967	53.21
30	50.58
FEB 27	52.79
MAR 10	45.22
APR 20	52.22
JUN 07	52.88
26	52.97
JUL 12	53.12
19	53.05
AUG 28	50.86
SEP 14	53.93
OCT 04	53.22
27	49.24
NOV 08	53.00
27	52.85
DEC 20	51.40
26	52.45
JAN 24, 1968	46.91
FEB 26	53.18
MAR 06	53.68
25	44.15
APR 25	53.40
30	53.22
MAY 24	52.33
JUN 06	50.45
24	53.20
JUL 16	53.88
24	54.30
AUG 23	54.08
SEP 24	54.07
OCT 25	53.55
NOV 22	51.91
DEC 20	50.97
JAN 08, 1969	49.95
23	52.48
FEB 20	53.38
MAR 24	51.40
APR 21	52.60
MAY 21	53.62
JUN 23	54.05
JUL 24	53.38
AUG 25	52.35
SEP 23	53.42
OCT 07	53.32
23	53.97
NOV 19	53.38
DEC 16	51.30
JAN 23, 1970	52.01
FEB 12	50.62
24	50.95
MAR 24	48.75
APR 21	49.51
MAY 05	51.45
21	52.75
JUN 22	52.67
JUL 22	53.25
AUG 24	53.36
SEP 24	53.98
OCT 20	54.20
NOV 23	50.42
DEC 21, 1970	50.94
JAN 22, 1971	51.17
FEB 22	40.72
MAR 22	50.14
APR 21	52.25
MAY 24	50.58
JUN 24	52.88
JUL 22	53.99
AUG 19	53.36
23	53.75
SEP 22	51.16
OCT 26	48.45
NOV 23	53.38
DEC 20	52.18
JAN 24, 1972	52.12
FEB 15	47.46
MAR 23	51.45
APR 19	46.45
24	45.96
MAY 24	49.68
JUN 26	45.74
JUL 17	51.94
AUG 23	53.33
SEP 22	53.88
OCT 24	53.28
NOV 24	49.22
DEC 18	47.74
JAN 24, 1973	51.88
FEB 22	51.47
MAR 20	48.80
APR 24	49.95
MAY 21	51.98
JUN 22	52.19
JUL 24	53.15
AUG 23	51.38
SEP 24	53.55
OCT 02	53.52
23	53.07
NOV 26	52.77
JAN 14, 1974	46.16
24	48.26
FEB 25	50.82
MAR 22	51.44
APR 22	51.39
MAY 23	51.94
JUN 24	49.68
JUL 24	53.61
AUG 26	53.57
SEP 23	53.62
OCT 22	53.30
NOV 22	53.82
DEC 26	50.05
JAN 02, 1975	48.32
22	49.79
FEB 20	46.45
MAR 24	46.88
APR 24	52.63
MAY 22	50.73
JUN 24	53.43
JUL 24	52.79
AUG 22	53.00
SEP 24	48.76
OCT 22	47.91
NOV 24	52.25
DEC 23	52.54
JAN 02, 1976	35.65
23	52.44
FEB 23, 1976	50.24
MAR 24	50.97
APR 22	52.85
MAY 21	51.51
JUN 23	49.80
JUL 22	53.55
AUG 24	53.85
SEP 23	53.43
OCT 22	48.49
NOV 19	52.35
DEC 23	52.24
JAN 04, 1977	52.27
21	53.07
FEB 21	52.40
MAR 21	49.33
APR 22	52.20
MAY 23	53.10
JUN 23	53.89
JUL 22	52.48
AUG 23	53.74
SEP 22	54.00
OCT 20	53.03
NOV 22	52.57
JAN 04, 1978	52.45
24	48.20
FEB 22	51.67
MAR 23	43.52
APR 24	51.54
MAY 23	49.08
JUN 23	53.31
JUL 24	53.14
AUG 24	52.85
SEP 25	53.58
OCT 24	53.70
NOV 22	53.65
DEC 22	52.70
JAN 03, 1979	45.40
24	47.30
FEB 22	50.55
MAR 26	44.95
APR 24	52.12
MAY 24	51.58
JUN 25	53.05
JUL 25	52.57
AUG 24	50.28
SEP 25	48.85
OCT 24	51.47
NOV 26	51.82
DEC 26	47.52
JAN 02, 1980	51.10
25	48.60
FEB 25	49.78
MAR 21	47.02
APR 25	51.08
MAY 26	47.67
JUN 24	52.72
JUL 24	52.98
AUG 25	52.43
SEP 24	53.93
OCT 27	53.36
NOV 24	53.23
DEC 23	53.50
JAN 23, 1981	53.79
27	53.75
FEB 04	48.39
25	47.35
MAR 26	53.05
APR 27, 1981	51.55
MAY 27	51.78
JUN 29	52.56
JUL 27	53.42
AUG 27	53.81
SEP 28	53.57
OCT 26	53.87
DEC 28	51.41
JAN 27, 1982	50.67
FEB 25	47.07
MAR 23	44.07
APR 27	52.23
MAY 26	52.25
JUN 22	51.42
JUL 26	53.08
AUG 26	53.58
SEP 27	53.67
OCT 25	53.50
DEC 27	52.76
JAN 24, 1983	53.43
FEB 23	49.12
MAR 28	49.81
APR 25	37.35
MAY 31	50.59
JUN 27	52.38
JUL 27	53.73
AUG 29	53.93
SEP 26	53.98
OCT 28	51.84
NOV 28	52.10
DEC 27	50.09
JAN 30, 1984	51.95
FEB 27	47.40
MAR 26	44.13
APR 27	47.79
MAY 28	52.52
JUN 26	53.38
JUL 27	53.08
AUG 27	53.08
SEP 25	53.65
OCT 26	53.00
NOV 26	53.16
JAN 03, 1985	51.78
28	52.07
FEB 25	45.48
MAR 27	55.01
APR 25	52.75
MAY 28	51.34
JUN 26	54.08
JUL 30	53.35
AUG 27	53.66
SEP 30	53.68
OCT 22	52.65
NOV 27	48.68
JAN 16, 1986	53.25
FEB 27	49.15
MAR 27	51.32
MAY 27	51.85
JUN 26	52.38
JUL 28	54.17
AUG 29	53.68
SEP 29	53.51
OCT 30	53.62

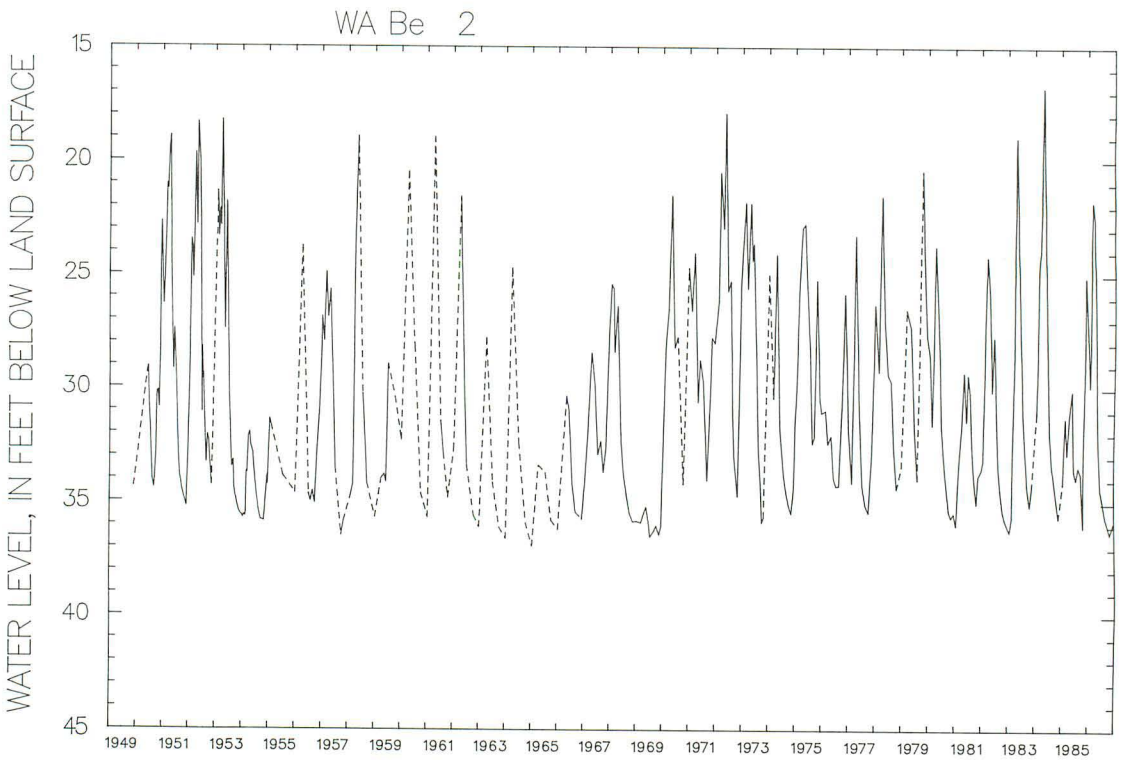

WA Ac 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
35
40
45
50
55
60
1946
1948
1950
1952
1954
1956
1958
1960
1962
1964
1966
1968
1970
1972
1974
1976
1978
1980
1982
1984
1986

WELL NUMBER.--WA Be 2 SITE ID.--393638078001301
LOCATION.--Lat 39°36'38", long 78°00'13", Hydrologic Unit 02070004, about 1.2 mi southeast of Big Pool. Owner: Fort Frederick State Park.
AQUIFER.--Romney Formation.
WELL CHARACTERISTICS.--Dug stone-lined unused water-table well, diameter 42 in., depth 42.7 ft.
DATUM.--Altitude of land-surface datum is 470 ft. Measuring point: Top of stone sill, 0.8 ft above land-surface datum.
PERIOD OF RECORD.--December 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.75 ft below land-surface datum, April 26, 1984; lowest measured, 36.92 ft below land-surface datum, Jan. 11, 1965.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 01, 1949	34.37	OCT 16, 1953	34.90	JAN 02, 1963	36.09	SEP 11, 1972	32.95
JUN 05, 1950	29.25	NOV 03	35.17	APR 10	27.79	NOV 02	34.70
17	29.07	19	35.37	JUL 10	34.14	DEC 18	25.25
JUL 03	30.75	DEC 15	35.55	OCT 08	36.10	FEB 13, 1973	21.79
AUG 14	34.03	JAN 06, 1954	35.62	JAN 08, 1964	36.59	MAR 20	25.58
SEP 07	34.41	18	35.71	APR 02	24.72	APR 26	21.83
17	34.02	FEB 02	35.58	JUL 08	32.42	MAY 21	24.35
OCT 01	32.86	19	35.64	OCT 14	35.90	JUN 07	23.60
15	30.23	MAR 04	33.70	JAN 11, 1965	36.92	JUL 12	28.04
NOV 01	30.17	16	33.73	APR 08	33.38	AUG 17	32.83
16	30.91	APR 01	32.17	JUL 14	33.71	SEP 13	34.08
DEC 01	28.26	19	31.96	OCT 04	35.78	OCT 02	35.85
15	22.68	MAY 03	32.55	JAN 06, 1966	36.18	26	35.62
JAN 02, 1951	24.44	JUN 01	32.85	MAY 05	30.35	JAN 07, 1974	24.97
17	26.35	16	33.54	JUN 08	30.96	MAR 11	30.40
FEB 03	25.16	JUL 04	34.15	JUL 27	34.15	APR 22	24.05
15	23.44	AUG 16	35.29	SEP 09	35.41	JUN 06	31.75
MAR 02	21.03	SEP 16	35.80	DEC 07	35.72	JUL 29	33.79
15	21.26	29	35.80	JAN 19, 1967	34.12	AUG 28	34.45
APR 01	19.56	NOV 01	35.86	MAR 03	31.80	OCT 07	35.09
15	18.93	DEC 16	33.87	APR 20	28.41	NOV 11	35.45
MAY 03	24.20	21	34.26	JUN 07	29.85	DEC 16	34.33
16	26.50	JAN 17, 1955	31.37	26	31.43	JAN 02, 1975	31.49
JUN 01	29.21	FEB 07	31.67	JUL 19	32.90	23	30.12
17	27.41	JUL 20	33.87	AUG 28	32.32	FEB 24	25.91
JUL 15	29.70	JAN 04, 1956	34.62	OCT 03	33.68	APR 08	22.90
AUG 01	31.86	APR 09	23.77	NOV 08	32.60	MAY 13	22.73
16	33.15	JUL 10	34.66	DEC 20	27.75	JUN 17	25.45
SEP 01	33.90	AUG 04	34.97	JAN 23, 1968	25.41	JUL 23	28.07
16	34.17	31	34.53	FEB 20	25.60	AUG 28	32.40
OCT 04	34.49	OCT 01	35.07	MAR 06	28.40	SEP 25	32.09
14	34.63	NOV 02	32.60	APR 16	26.36	OCT 28	25.19
NOV 07	34.92	DEC 06	30.79	JUN 05	32.37	DEC 09	30.45
DEC 02	35.21	JAN 03, 1957	28.16	JUL 10	33.75	JAN 02, 1976	31.05
JAN 03, 1952	30.86	10	26.86	AUG 19	34.61	FEB 23	30.94
17	28.61	FEB 05	27.94	OCT 03	35.45	MAR 29	32.40
FEB 04	23.47	MAR 06	24.90	NOV 19	35.83	MAY 11	32.05
20	23.90	APR 03	26.89	JAN 08, 1969	35.80	JUN 16	33.90
MAR 02	25.17	08	26.69	MAR 11	35.87	JUL 20	34.25
15	22.68	MAY 03	25.67	APR 21	35.43	AUG 27	34.22
APR 16	22.28	24	28.11	MAY 22	35.18	OCT 07	30.75
20	22.84	JUL 10	33.54	JUN 23	35.81	NOV 17	25.80
MAY 04	18.33	OCT 02	36.48	JUL 16	36.50	JAN 04, 1977	31.72
18	19.35	NOV 04	35.85	SEP 10	36.21	FEB 21	34.10
JUN 01	20.12	FEB 12, 1958	34.66	OCT 07	36.00	APR 12	23.23
15	24.18	MAR 11	34.23	NOV 19	36.40	MAY 26	30.45
JUL 03	31.09	APR 09	23.20	DEC 16	36.02	JUL 12	34.24
04	28.19	MAY 15	18.94	FEB 12, 1970	28.26	AUG 23	35.07
AUG 17	32.32	JUL 23	30.27	MAR 26	26.52	OCT 06	35.40
31	33.31	SEP 23	34.20	MAY 05	21.50	NOV 22	32.79
SEP 14	32.08	JAN 09, 1959	35.68	JUN 17	28.18	JAN 04, 1978	26.25
OCT 01	32.32	APR 06	33.98	JUL 30	27.71	FEB 23	29.23
NOV 13	34.31	MAY 15	33.79	OCT 19	34.18	APR 05	21.51
FEB 01, 1953	21.37	JUN 12	34.13	DEC 28	24.68	MAY 17	27.03
15	23.35	JUL 08	28.93	FEB 11, 1971	26.58	JUN 28	29.35
MAR 02	22.13	OCT 15	30.44	MAR 22	24.01	AUG 09	29.64
16	22.90	JAN 11, 1960	32.30	MAY 07	30.60	SEP 19	32.66
APR 01	18.24	APR 14	20.50	JUN 03	28.72	OCT 27	34.36
18	21.57	JUL 13	28.19	JUL 14	29.63	JAN 03, 1979	33.40
MAY 02	24.79	OCT 10	34.61	SEP 10	34.02	MAR 13	26.50
16	27.42	JAN 12, 1961	35.67	OCT 27	29.84	MAY 08	27.25
JUN 04	21.80	APR 11	18.97	NOV 12	27.73	JUN 28	31.80
16	24.13	JUL 12	31.48	DEC 22	27.98	AUG 08	33.97
JUL 15	30.29	AUG 18	32.87	FEB 15, 1972	26.16	OCT 12	20.39
23	31.20	OCT 23	34.80	MAR 07	20.48	NOV 20	25.22
AUG 01	32.21	JAN 10, 1962	32.71	APR 19	22.95	DEC 18	27.67
17	33.50	APR 12	21.58	MAY 15	17.90	JAN 02, 1980	28.00
SEP 07	33.19	JUN 11	30.47	JUN 20	25.69	23	28.53
18	34.39	JUL 11	33.41	JUL 27	25.25	FEB 27	31.58
OCT 03	34.69	OCT 16	35.57	AUG 24	31.02	APR 15	23.70

-- CONTINUED WA Be 2

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 27, 1980	27.06	JAN 27, 1982	33.12	OCT 28, 1983	35.10	JUL 26, 1985	33.92
JUL 03	31.65	FEB 25	26.99	NOV 28	34.30	AUG 27	33.38
AUG 15	33.54	MAR 26	24.15	JAN 30, 1984	31.05	SEP 30	33.68
OCT 10	35.30	APR 27	25.75	FEB 27	24.75	OCT 30	36.03
NOV 10	35.60	MAY 26	30.09	MAR 26	23.90	NOV 27	25.04
DEC 17	35.41	JUN 25	27.68	APR 26	16.75	JAN 28, 1986	29.87
JAN 20, 1981	35.96	JUL 27	31.25	MAY 28	22.73	FEB 27	21.75
FEB 26	33.45	AUG 26	33.54	JUN 26	29.10	MAR 27	22.62
APR 06	31.73	SEP 27	34.72	JUL 27	31.95	APR 28	29.25
MAY 07	29.24	OCT 25	35.40	AUG 27	33.35	MAY 27	32.45
JUN 10	31.39	NOV 24	35.74	SEP 25	34.03	JUN 26	34.38
15	31.20	JAN 24, 1983	36.22	OCT 26	34.82	JUL 28	34.95
JUL 27	30.14	FEB 23	35.60	NOV 26	35.62	AUG 29	35.57
AUG 27	32.48	MAR 28	28.49	JAN 28, 1985	34.08	SEP 29	35.92
SEP 09	33.31	APR 25	18.94	FEB 25	31.25	OCT 30	36.25
28	34.10	MAY 31	24.08	MAR 26	32.83	NOV 01	36.32
OCT 26	35.00	JUN 27	28.25	APR 25	31.08	DEC 22	35.82
NOV 20	33.81	JUL 27	31.22	MAY 28	30.05		
JAN 05, 1982	33.48	SEP 26	34.34	JUN 26	33.54		



WELL NUMBER.--WA Bh 3 SITE ID.--393900077463001
LOCATION.--Lat 39°39'00", long 77°46'30", Hydrologic Unit 02070004, 2 mi west of Hagerstown.
Owner: Garland Groh.
AQUIFER.--Rockdale Run Formation.
WELL CHARACTERISTICS.--Water-table well dug to 40.2 ft with 6 ft diameter; drilled 40.2 to 218 ft; open hole.
DATUM.--Altitude of land-surface datum is 545 ft. Measuring point: Top of concrete floor, 0.8 ft above land-surface datum.
REMARKS.--Discontinued March 1984 as observation well; well used for domestic supply.
PERIOD OF RECORD.--October 1946 to March 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.13 ft below land-surface datum, Dec. 15, 1983; lowest measured, 44.83 ft below land-surface datum, Jan. 4, 1956.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01, 1946	20.81	OCT 01, 1952	38.99	MAY 19, 1958	18.84	APR 02, 1964	20.23
DEC 06	33.68	NOV 13	40.75	JUN 13	35.03	29	20.05
18	36.64	25	16.65	26	37.50	JUN 12	32.86
FEB 07, 1947	19.65	JAN 06, 1953	27.33	JUL 23	39.02	JUL 08	34.85
19	21.56	FEB 06	20.26	AUG 04	39.03	22	36.15
MAR 07	24.77	MAR 12	23.34	SEP 16	39.26	AUG 27	34.10
APR 22	30.73	APR 14	23.69	24	40.96	OCT 14	28.34
MAY 03	40.10	21	24.65	NOV 06	39.09	21	27.94
JUN 05	40.14	MAY 05	34.52	JAN 02, 1959	38.96	DEC 07	38.00
JUL 07	22.14	JUN 05	19.46	09	39.20	JAN 11, 1965	32.88
AUG 04	23.15	30	34.53	FEB 04	30.99	15	40.50
SEP 03	26.09	JUL 23	38.34	MAR 20	38.45	FEB 24	21.95
29	39.02	AUG 04	35.07	APR 06	39.82	APR 08	25.56
DEC 02	39.08	SEP 08	38.93	MAY 01	39.59	14	21.50
04	40.06	OCT 06	40.20	13	39.32	MAY 25	36.15
JAN 07, 1948	32.10	FEB 25, 1954	39.84	JUN 10	34.24	JUL 06	39.30
FEB 06	37.31	MAY 10	38.95	12	40.64	14	39.30
MAR 09	18.68	JUN 10	38.63	JUL 08	40.75	AUG 04	34.10
APR 09	18.69	28	39.62	23	39.99	SEP 10	37.71
JUN 06	20.25	JUL 14	39.13	SEP 03	36.65	OCT 04	39.10
AUG 05	27.46	AUG 05	38.96	OCT 12	39.00	07	37.92
NOV 07	39.11	31	38.88	15	43.11	NOV 15	39.68
DEC 09	20.02	NOV 04	39.54	DEC 02	42.02	DEC 28	34.53
FEB 11, 1949	16.64	DEC 01	39.00	JAN 11, 1960	40.18	JAN 06, 1966	39.21
22	17.96	23	23.62	MAR 10	21.57	FEB 17	22.50
MAR 06	20.00	JAN 04, 1955	22.36	APR 14	17.74	MAR 16	21.30
MAY 09	33.78	FEB 01	31.25	20	19.79	APR 28	24.46
23	32.53	MAR 02	22.51	JUN 07	23.43	JUN 08	24.56
JUN 24	35.27	APR 01	17.57	JUL 13	44.32	JUL 27	24.55
AUG 08	24.95	MAY 11	29.80	20	37.67	29	24.78
11	23.59	JUN 15	42.16	SEP 06	39.00	SEP 08	24.81
SEP 14	27.87	JUL 12	38.96	OCT 10	39.63	OCT 18	24.65
OCT 07	29.21	20	42.25	18	39.07	DEC 07	24.71
NOV 09	30.55	AUG 10	40.68	JAN 12, 1961	39.43	JAN 18, 1967	22.93
30	31.72	SEP 08	39.03	FEB 01	37.27	MAR 03	21.48
DEC 14	32.32	OCT 11	38.37	17	36.27	APR 18	22.63
JAN 19, 1950	34.34	12	40.42	MAR 21	20.33	JUN 07	24.65
FEB 10	21.53	NOV 08	38.98	APR 11	19.69	26	24.52
MAR 21	24.66	DEC 07	39.00	JUN 05	33.39	JUL 12	18.70
APR 04	22.97	28	38.74	JUL 12	39.72	18	19.50
MAY 03	25.76	JAN 04, 1956	44.83	AUG 16	39.49	AUG 21	20.38
JUN 05	26.53	FEB 01	39.01	SEP 18	39.73	OCT 04	24.48
JUL 11	26.52	MAR 07	23.68	28	39.57	NOV 09	24.08
AUG 11	27.20	APR 05	21.88	OCT 23	38.96	DEC 20	18.07
OCT 24	26.06	09	20.46	JAN 09, 1962	37.82	JAN 22, 1968	19.18
31	28.73	MAY 09	28.03	FEB 27	18.94	FEB 07	17.45
DEC 07	16.28	JUN 05	33.50	MAR 22	16.40	20	20.27
JAN 05, 1951	22.65	JUL 11	40.00	APR 13	20.43	MAR 07	23.60
FEB 07	22.37	16	39.32	MAY 03	22.28	APR 15	22.05
MAR 06	19.89	SEP 13	38.97	JUN 08	36.48	MAY 29	24.50
07	20.31	OCT 11	39.30	JUL 11	39.19	JUL 08	24.45
APR 03	22.32	NOV 08	16.84	AUG 30	39.00	16	24.54
MAY 01	23.49	JAN 10, 1957	22.76	OCT 04	38.91	AUG 22	24.44
JUN 05	38.30	FEB 05	20.50	12	39.15	OCT 03	24.88
JUL 10	24.70	14	21.80	NOV 28	39.40	NOV 19	24.46
AUG 02	38.97	MAR 14	22.02	JAN 04, 1963	37.80	JAN 08, 1969	24.53
SEP 05	37.44	APR 08	28.33	FEB 25	24.90	MAR 11	24.47
OCT 03	40.10	MAY 24	29.86	APR 08	20.78	APR 21	24.45
04	39.91	JUN 05	31.87	10	20.84	MAY 22	24.44
DEC 04	38.98	JUL 17	40.69	MAY 28	39.05	JUN 23	24.52
FEB 07, 1952	16.96	AUG 14	39.03	JUL 08	39.24	JUL 15	24.49
MAR 04	22.62	SEP 12	39.10	10	38.75	SEP 10	24.48
APR 09	19.90	OCT 02	41.63	AUG 21	39.24	OCT 07	24.46
16	21.42	09	39.33	OCT 03	39.41	NOV 19	24.50
MAY 14	19.25	NOV 22	38.96	08	38.93	DEC 16	24.67
JUN 10	21.78	DEC 13	36.16	NOV 13	39.36	FEB 12, 1970	17.96
JUL 08	28.70	FEB 03, 1958	26.41	DEC 20	39.50	MAR 17	20.51
22	31.42	MAR 11	21.40	JAN 08, 1964	39.70	MAY 05	18.05
AUG 08	40.06	APR 09	17.15	30	18.50	JUN 17	19.74
SEP 10	39.75	10	17.29	MAR 14	16.57	JUL 30	19.09

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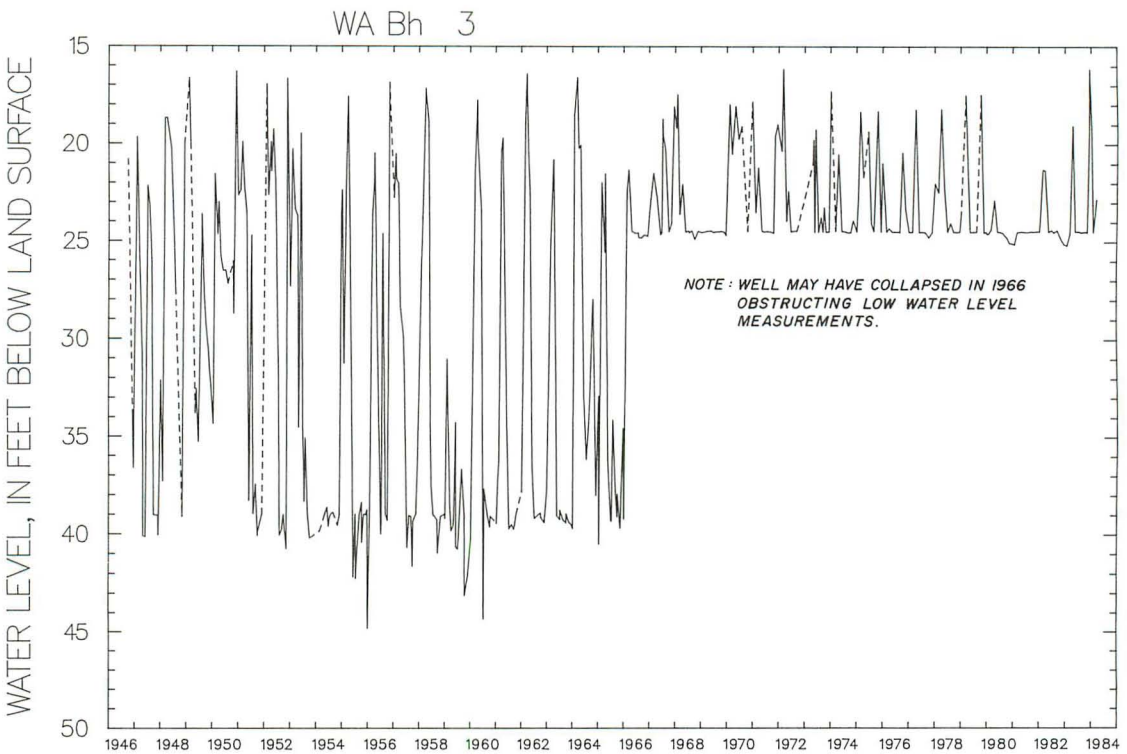
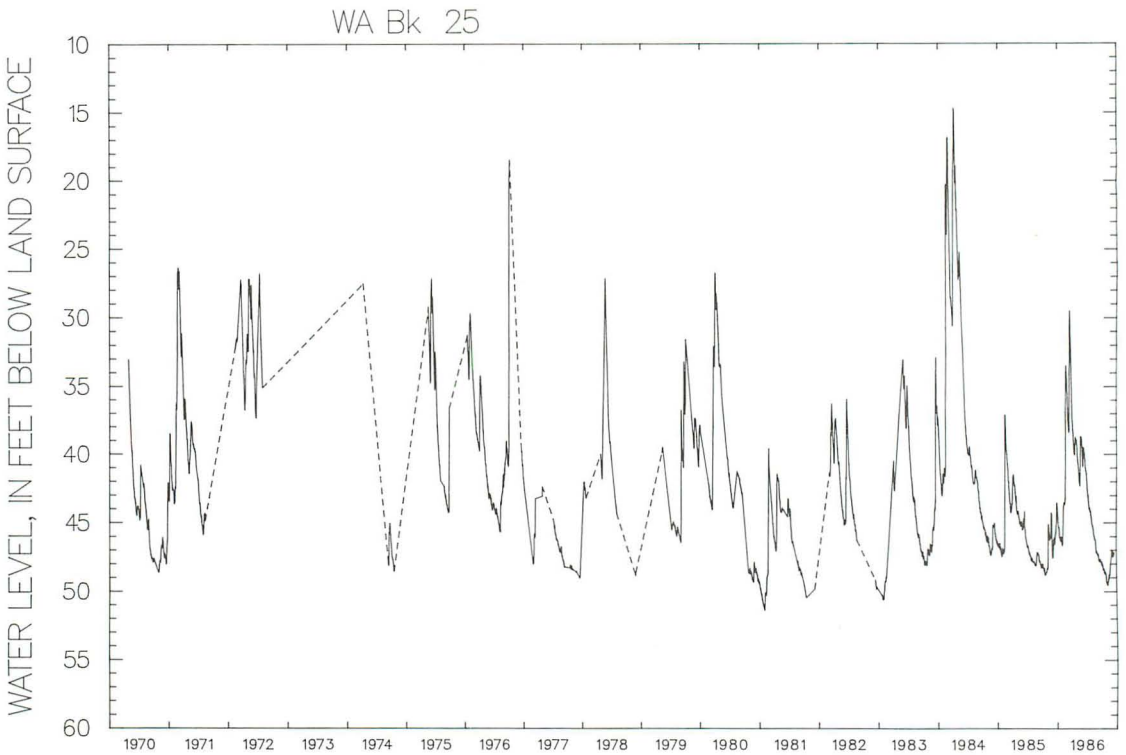
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19, 1970	24.47	JUN 06, 1974	24.45	OCT 06, 1977	24.78	APR 07, 1981	24.47
DEC 28	17.82	JUL 29	24.49	NOV 22	24.50	MAY 07	24.47
FEB 11, 1971	23.50	AUG 28	24.53	JAN 04, 1978	22.00	JUN 11	24.48
MAR 22	21.18	OCT 07	24.52	FEB 23	22.47	JUL 27	24.49
MAY 07	24.43	NOV 11	23.90	APR 05	18.19	SEP 09	24.45
JUN 03	24.49	DEC 16	24.28	MAY 17	22.32	OCT 05	24.47
JUL 14	24.47	JAN 02, 1975	24.48	JUN 28	24.48	NOV 20	24.45
SEP 09	24.49	23	22.82	AUG 09	24.04	JAN 06, 1982	24.46
OCT 19	24.55	FEB 24	18.33	SEP 19	24.48	FEB 22	21.28
NOV 12	19.61	APR 08	21.70	OCT 27	24.50	MAR 23	21.32
DEC 17	18.98	JUN 17	19.35	DEC 14	24.48	MAY 12	24.48
FEB 15, 1972	20.36	JUL 23	24.05	JAN 03, 1979	23.73	JUN 22	24.38
MAR 07	16.14	AUG 29	24.45	MAR 13	17.50	JUL 26	24.51
APR 19	23.95	SEP 25	21.76	MAY 09	24.48	SEP 09	24.38
MAY 15	22.40	OCT 28	18.29	JUN 29	24.49	NOV 03	24.84
JUN 20	24.48	DEC 09	24.48	AUG 09	24.48	DEC 15	25.10
JUL 27	24.45	JAN 02, 1976	20.95	OCT 12	17.47	JAN 27, 1983	25.18
SEP 11	24.45	FEB 23	24.49	NOV 20	24.52	MAR 10	24.59
APR 26, 1973	21.00	MAR 29	24.30	DEC 19	24.48	APR 15	19.05
MAY 08	19.77	MAY 11	24.48	JAN 02, 1980	24.59	MAY 23	24.45
21	24.50	JUN 15	24.48	23	24.57	JUL 08	24.45
JUN 07	19.23	JUL 21	24.48	FEB 27	24.35	AUG 16	24.50
JUL 12	24.50	AUG 26	24.50	APR 16	22.85	OCT 03	24.47
AUG 17	23.75	OCT 07	20.40	MAY 28	24.47	NOV 07	24.50
SEP 13	24.48	NOV 17	23.35	JUL 03	24.48	DEC 15	16.13
OCT 02	23.22	JAN 04, 1977	24.49	AUG 14	24.56	FEB 01, 1984	24.50
26	24.49	FEB 21	24.49	OCT 10	24.80	MAR 16	22.82
DEC 07	24.48	APR 11	18.21	NOV 12	25.05		
JAN 07, 1974	17.28	MAY 26	24.50	DEC 17	25.07		
MAR 11	24.45	JUL 12	24.49	JAN 19, 1981	25.13		
APR 22	20.49	AUG 22	24.53	FEB 26	24.50		



WELL NUMBER.--WA Bk 25 SITE ID.--393851077343001 PERMIT NUMBER.--WA-70-0235
LOCATION.--Lat 39°38'51", long 77°34'30", Hydrologic Unit 02070004, 1/2 mi south of Smithsburg at Hagerstown Water Supply Plant.
Owner: U.S. Geological Survey.
AQUIFER.--Tomstown Dolomite.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 200 ft; casing diameter 6 in. with depth to 128 ft; open hole.
DATUM.--Altitude of land-surface datum is 790 ft. Measuring point: Top of shelter shelf, 1.7 ft above land-surface datum.
REMARKS.--Equipped with water-level recorder April 27, 1970 to current year.
PERIOD OF RECORD.--April 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.68 ft below land-surface datum, April 6, 1984; lowest measured, 51.37 ft below land-surface datum, Jan. 31, 1981.

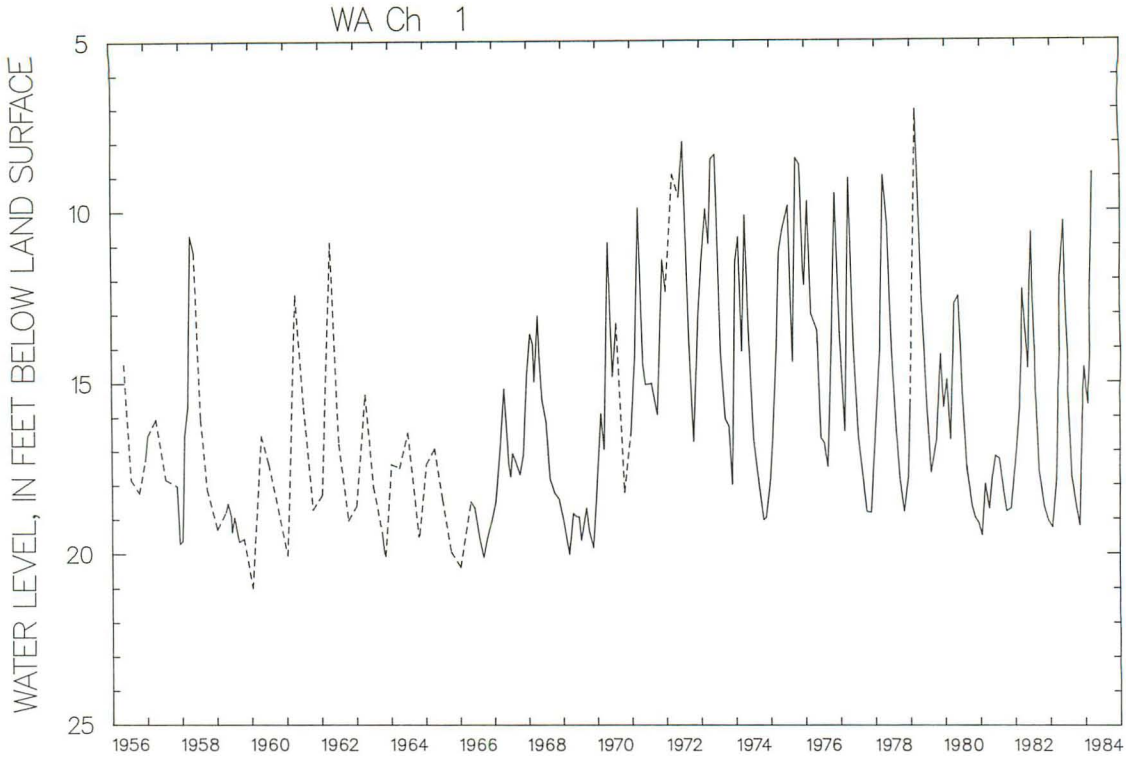
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 27, 1970	33.04	MAY 16, 1976	41.61	JUN 21, 1980	40.84	JAN 01, 1984	37.82
28	33.31	JUN 01	43.11	JUL 01	41.94	16	41.83
MAY 01	34.56	15	43.75	10	42.84	FEB 01	42.02
16	39.50	JUL 01	43.88	AUG 15	41.22	15	29.03
JUN 01	42.65	16	44.05	23	41.60	MAR 01	17.69
15	44.36	AUG 01	45.37	SEP 01	42.02	16	28.50
JUL 01	44.22	16	43.17	08	42.47	APR 01	22.61
07	44.44	SEP 01	41.92	OCT 23	48.63	15	20.20
AUG 01	42.28	15	39.01	27	48.43	MAY 01	26.42
15	44.46	OCT 01	39.77	NOV 01	48.73	10	25.19
SEP 05	46.77	04	20.37	15	49.05	JUN 07	35.37
17	47.63	DEC 15	39.20	DEC 01	48.25	18	38.29
OCT 01	47.61	23	40.73	16	48.79	JUL 01	39.93
29	48.62	JAN 01, 1977	42.02	JAN 01, 1981	49.48	16	40.14
NOV 01	48.40	03	42.16	16	50.60	AUG 01	41.98
13	46.97	MAR 01	48.00	FEB 01	51.32	16	41.18
DEC 01	47.42	07	45.95	14	48.95	SEP 01	42.58
16	47.94	APR 26	43.07	MAR 20	44.62	15	44.17
JAN 01, 1971	43.25	27	42.35	25	45.60	OCT 01	45.00
16	40.88	JUL 06	44.87	APR 01	46.15	16	45.88
FEB 01	43.22	18	45.84	15	43.53	NOV 01	46.43
14	38.08	AUG 01	46.39	MAY 01	42.74	15	47.20
MAR 01	26.38	16	47.14	10	44.20	DEC 01	45.19
15	30.67	SEP 01	47.67	JUN 20	44.57	16	45.79
APR 01	35.77	07	47.90	25	43.25	JAN 01, 1985	46.54
15	37.00	OCT 14	48.29	JUL 01	44.32	15	46.88
MAY 01	40.71	22	48.30	12	45.45	FEB 01	47.02
16	38.57	NOV 01	48.45	AUG 22	48.02	14	37.04
JUN 01	39.24	02	48.38	26	48.20	MAR 01	40.66
11	39.87	DEC 13	48.98	SEP 01	48.24	16	43.50
JUL 01	41.86	15	49.00	07	48.40	APR 01	42.23
19	44.50	JAN 11, 1978	42.03	OCT 01	49.53	15	42.25
AUG 01	45.80	18	42.59	09	50.17	MAY 01	44.36
07	44.39	APR 25	40.02	DEC 04	49.81	16	45.03
FEB 16, 1972	32.02	27	40.46	MAR 05, 1982	41.36	JUN 01	45.21
21	31.57	MAY 01	41.21	18	37.00	15	45.35
MAR 19	27.23	25	27.14	APR 01	40.35	JUL 01	46.76
25	29.35	JUN 01	31.38	15	37.86	16	47.25
APR 01	32.48	15	37.82	MAY 01	40.61	AUG 01	47.72
15	35.86	JUL 01	40.31	16	43.03	16	48.03
MAY 01	32.07	28	43.63	JUN 01	44.78	SEP 01	47.18
16	28.67	AUG 01	44.12	15	41.70	13	47.80
JUN 01	31.55	02	44.22	JUL 01	40.37	OCT 01	48.05
09	34.33	NOV 22	48.58	16	43.12	16	48.66
JUL 13	26.77	25	48.63	AUG 01	44.38	NOV 01	48.31
21	31.93	MAY 11, 1979	39.85	11	45.49	15	46.24
APR 09, 1974	27.55	13	39.54	DEC 11	49.18	DEC 01	46.98
SEP 10	47.94	JUL 09	45.45	15	49.59	16	46.54
20	45.05	20	44.92	JAN 21, 1983	50.30	JAN 01, 1986	44.18
OCT 01	47.05	AUG 01	45.42	26	50.55	16	46.11
08	47.68	16	45.46	FEB 01	50.54	FEB 01	46.65
MAY 17, 1975	29.49	SEP 01	46.32	09	49.29	14	43.62
24	31.74	15	40.32	APR 01	40.67	MAR 01	35.36
JUN 01	34.61	OCT 01	37.05	04	42.41	16	30.30
17	30.40	02	36.43	MAY 27	33.29	APR 01	36.40
JUL 01	33.08	NOV 21	38.86	29	33.03	15	40.02
16	38.88	25	39.55	JUN 01	34.24	MAY 01	39.53
AUG 01	41.81	DEC 01	37.33	15	37.19	16	42.06
26	42.69	15	39.61	JUL 01	37.32	JUN 01	39.51
SEP 01	43.09	JAN 01, 1980	37.91	16	41.09	15	39.87
14	44.06	02	38.18	AUG 01	43.42	JUL 01	42.00
JAN 16, 1976	31.29	FEB 23	42.15	16	44.65	16	43.95
23	33.46	26	42.55	SEP 01	45.79	AUG 01	44.90
FEB 01	30.40	MAR 01	43.12	15	47.05	16	45.92
15	33.41	16	44.03	OCT 01	47.51	SEP 01	47.06
MAR 01	36.39	APR 01	28.89	16	47.90	15	47.70
16	38.51	14	29.17	NOV 01	46.97	OCT 01	47.99
APR 01	39.58	MAY 02	33.57	15	46.65	16	48.37
16	36.41	05	33.51	DEC 01	45.49	NOV 01	49.36
MAY 01	39.50	JUN 13	40.00	16	33.65	13	49.08

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 03, 1986	47.00	DEC 10, 1986	47.47



WELL NUMBER.--WA Ch 1 SITE ID.--393053077453101
LOCATION.--Lat 39°30'53", long 77°45'31", Hydrologic Unit 02070004, at Bakersville.
Owner: James Frey.
AQUIFER.--Conococheague Limestone.
WELL CHARACTERISTICS.--Dug stone-lined unused water-table well, diameter 48 in., depth 21 ft, deepened to 26 ft.
DATUM.--Altitude of land-surface datum is 415 ft. Measuring point: Top of concrete slab at land-surface datum.
REMARKS.--Discontinued water-level measurements March 1984; well used for domestic supply.
PERIOD OF RECORD.--May 1956 to March 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.05 ft below land-surface datum March 13, 1979; lowest water level measured was dry, Jan. 12, 1960.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 10, 1956	14.45	JUN 08, 1966	18.67	JUL 11, 1972	7.98	MAY 18, 1978	10.41
JUL 18	17.84	JUL 28	19.52	18	8.99	JUN 29	14.13
OCT 12	18.23	SEP 09	20.10	SEP 07	13.93	AUG 10	16.32
DEC 18	17.27	OCT 18	19.54	OCT 20	16.74	SEP 18	17.85
JAN 11, 1957	16.55	DEC 07	19.02	DEC 13	12.98	OCT 30	18.79
APR 08	16.06	JAN 18, 1967	18.49	JAN 19, 1973	11.42	DEC 14	17.77
JUL 17	17.84	MAR 01	17.15	MAR 01	9.96	JAN 03, 1979	15.70
NOV 13	18.03	APR 20	15.17	APR 03	10.97	MAR 13	7.05
DEC 13	19.71	JUN 06	17.35	MAY 02	8.50	MAY 08	12.42
JAN 10, 1958	19.62	26	17.76	JUN 13	8.36	JUN 28	15.70
FEB 03	16.56	JUL 17	17.07	AUG 03	14.17	AUG 09	17.65
MAR 11	15.70	AUG 23	17.34	SEP 17	16.06	OCT 03	16.70
APR 10	10.69	OCT 03	17.70	OCT 25	16.29	NOV 20	14.19
MAY 19	11.19	NOV 07	17.13	NOV 28	18.00	DEC 19	15.73
JUL 23	16.07	DEC 19	14.75	JAN 07, 1974	11.47	JAN 02, 1980	15.42
SEP 24	18.13	JAN 23, 1968	13.58	FEB 07	10.77	25	14.92
JAN 09, 1959	19.29	FEB 20	13.87	MAR 14	14.10	FEB 29	16.68
APR 10	18.78	MAR 05	14.98	APR 18	10.14	APR 15	12.72
30	18.54	APR 15	13.05	MAY 23	13.45	MAY 27	12.50
JUN 02	18.90	MAY 01	14.27	JUL 11	16.69	JUL 03	15.35
12	19.37	28	15.50	SEP 06	18.05	AUG 14	17.47
JUL 07	18.94	JUL 09	16.15	OCT 21	19.03	OCT 10	18.65
AUG 06	19.38	16	16.50	NOV 15	18.95	NOV 10	18.95
26	19.65	AUG 19	17.83	JAN 02, 1975	17.84	DEC 17	19.12
OCT 16	19.56	OCT 02	18.22	29	16.50	JAN 21, 1981	19.47
JAN 12, 1960	DRY	NOV 21	18.42	MAR 11	14.02	FEB 24	17.98
APR 15	16.55	JAN 08, 1969	19.03	APR 10	11.21	APR 07	18.70
JUL 01	17.38	MAR 10	20.02	MAY 15	10.60	MAY 06	17.85
JAN 13, 1961	20.05	APR 21	18.83	JUL 16	9.86	JUN 10	17.15
APR 11	12.44	MAY 22	18.92	AUG 26	14.41	JUL 22	17.25
JUL 05	15.72	JUN 23	18.94	OCT 08	8.47	SEP 15	18.44
OCT 05	18.72	JUL 15	19.61	NOV 17	8.67	OCT 05	18.78
JAN 10, 1962	18.29	SEP 09	18.68	DEC 18	11.77	NOV 20	18.69
APR 13	10.90	OCT 07	19.33	30	12.18	JAN 05, 1982	17.33
JUL 05	16.80	NOV 19	19.82	FEB 04, 1976	9.73	FEB 17	15.76
OCT 12	19.03	DEC 16	18.72	MAR 11	13.01	MAR 22	12.30
JAN 04, 1963	18.62	FEB 12, 1970	15.91	MAY 11	13.50	MAY 11	14.60
APR 11	15.34	MAR 17	16.96	JUN 15	16.63	JUN 21	10.64
JUL 01	18.06	MAY 05	10.92	JUL 20	16.78	JUL 26	14.80
OCT 01	19.39	JUN 17	14.83	AUG 26	17.47	SEP 09	17.58
25	19.98	JUL 30	13.28	OCT 08	13.90	NOV 02	18.65
NOV 06	20.07	OCT 19	18.22	NOV 18	9.50	DEC 15	19.05
JAN 09, 1964	17.39	DEC 28	16.43	JAN 04, 1977	13.73	JAN 26, 1983	19.25
APR 03	17.50	FEB 11, 1971	14.19	FEB 21	16.43	MAR 10	17.80
JUL 01	16.46	MAR 22	9.92	APR 11	9.06	APR 15	11.91
OCT 21	19.50	MAY 07	14.47	MAY 27	14.02	MAY 23	10.31
31	19.44	JUN 03	15.06	JUL 12	16.62	JUL 08	15.41
JAN 12, 1965	17.39	AUG 05	15.03	AUG 22	17.62	AUG 16	17.78
APR 09	16.93	OCT 05	15.94	OCT 06	18.79	OCT 03	18.65
JUN 30	18.42	DEC 03	11.43	NOV 21	18.81	NOV 07	19.20
SEP 30	19.95	JAN 04, 1972	12.36	JAN 04, 1978	16.50	DEC 15	14.55
JAN 07, 1966	20.39	MAR 21	8.94	FEB 23	14.12	FEB 01, 1984	15.65
APR 28	18.49	MAY 26	9.61	APR 06	8.98	MAR 16	8.92


WA Ch 1
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1956
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1960
1962
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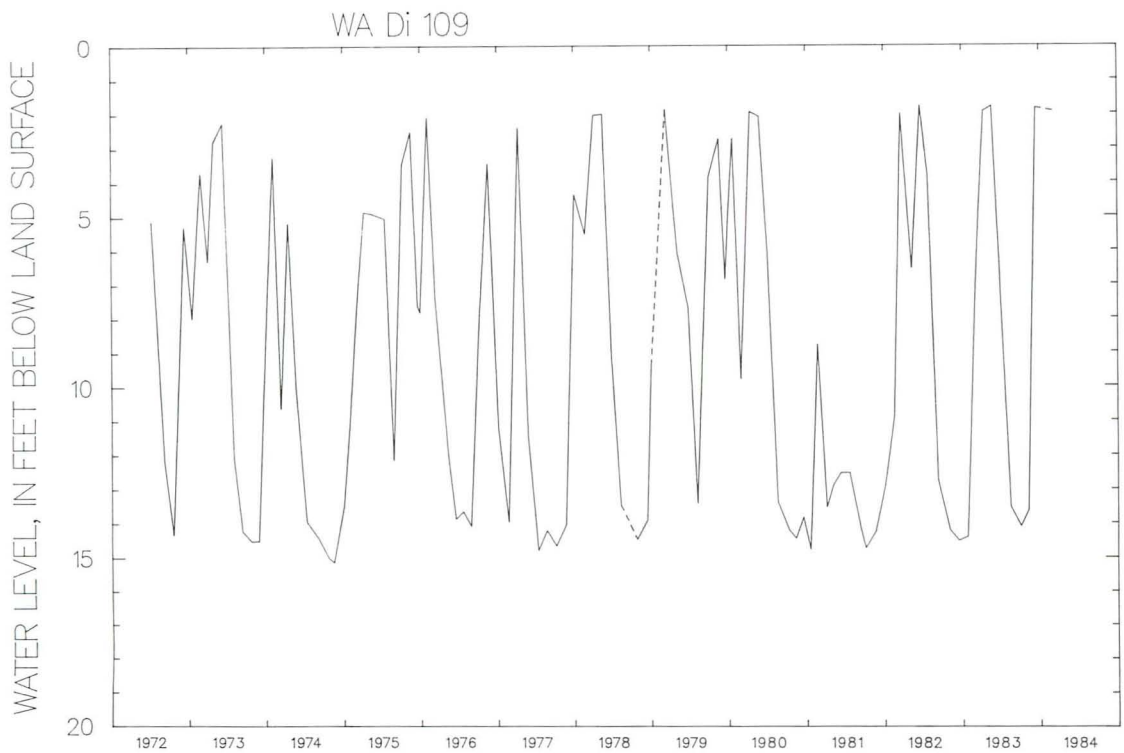
1968
1970
1972
1974
1976
1978
1980
1982
1984

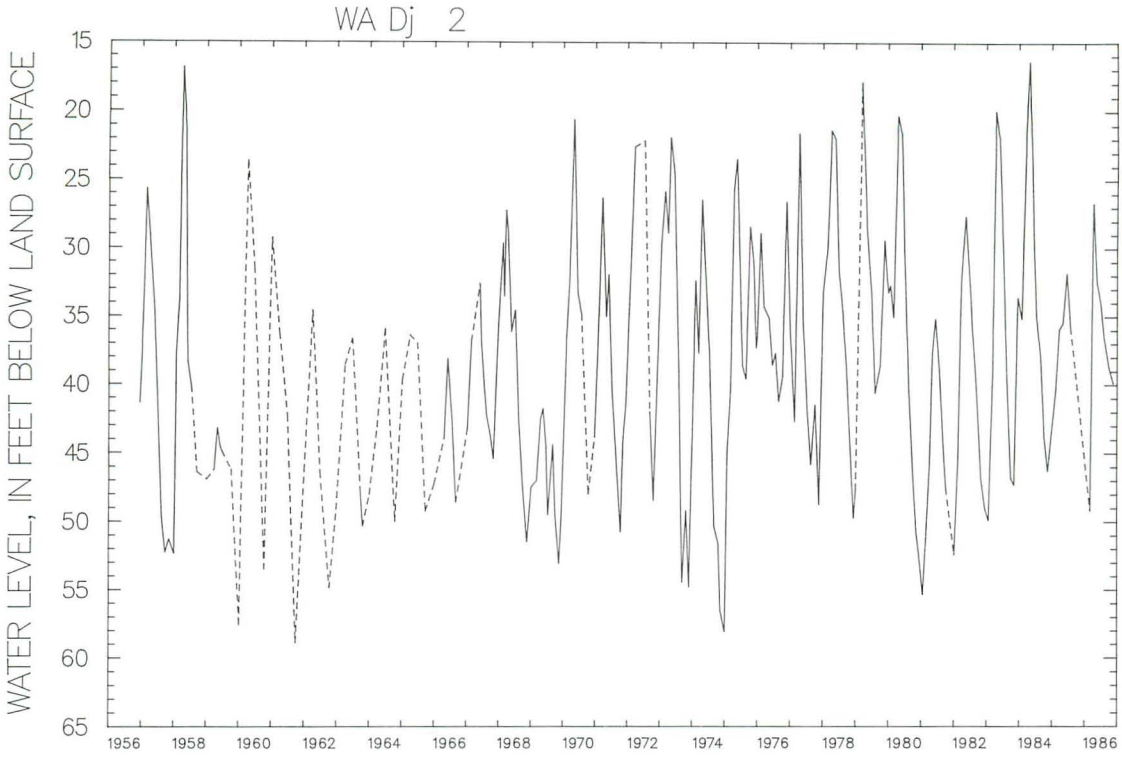
WELL NUMBER.--WA Di 109 SITE ID.--392757077425901
LOCATION.--Lat 39°27'57", long 77°42'59", Hydrologic Unit 02070004, at Porterstown.
Owner: Mrs. Leona Elliott.
AQUIFER.--Waynesboro Formation.
WELL CHARACTERISTICS.--Dug stone-lined water-table well, depth 16.5 ft; casing diameter 44 in. with depth to 16.5 ft.
DATUM.--Altitude of land-surface datum is 420 ft. Measuring point: Top of casing, 0.6 ft above land-surface datum.
REMARKS.--Discontinued water-level measurements March 1984; well used for domestic supply.
PERIOD OF RECORD.--July 1972 to March 1984.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.79 ft below land-surface datum, June 21, 1982; lowest measured, 15.14 ft below land-surface datum, Nov. 15, 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 11, 1972	5.12	MAY 15, 1975	4.90	MAY 18, 1978	2.01	MAY 06, 1981	12.90
SEP 07	12.15	JUL 16	5.05	JUN 29	9.17	JUN 10	12.53
OCT 20	14.33	AUG 26	12.15	AUG 10	13.47	JUL 22	12.53
DEC 13	5.28	OCT 08	3.46	OCT 26	14.47	SEP 11	14.15
JAN 18, 1973	7.98	NOV 17	2.52	DEC 13	13.91	OCT 05	14.73
MAR 01	3.71	DEC 18	7.62	JAN 03, 1979	9.40	NOV 20	14.26
APR 03	6.31	30	7.82	MAR 13	1.90	JAN 05, 1982	12.90
MAY 02	2.79	FEB 04, 1976	2.09	MAY 08	6.10	FEB 17	10.91
JUN 13	2.25	MAR 11	7.42	JUN 28	7.70	MAR 22	2.01
AUG 03	12.04	MAY 11	12.00	AUG 08	13.42	MAY 11	6.55
SEP 12	14.23	JUN 15	13.87	OCT 03	3.85	JUN 21	1.79
OCT 25	14.52	JUL 20	13.65	NOV 19	2.75	JUL 26	3.80
NOV 28	14.50	AUG 26	14.08	DEC 18	6.86	SEP 09	12.73
JAN 07, 1974	7.82	OCT 08	7.90	JAN 02, 1980	4.99	NOV 02	14.20
FEB 07	3.24	NOV 18	3.45	23	2.73	DEC 15	14.52
MAR 14	10.63	JAN 04, 1977	11.21	FEB 29	9.79	JAN 26, 1983	14.40
APR 18	5.16	FEB 21	13.95	APR 15	1.95	MAR 10	6.30
MAY 23	9.98	APR 11	2.40	MAY 27	2.09	APR 14	1.95
JUL 11	13.94	MAY 26	11.45	JUL 03	5.97	MAY 23	1.80
SEP 06	14.46	JUL 12	14.79	AUG 19	13.38	JUL 08	8.15
OCT 21	15.00	AUG 22	14.21	OCT 10	14.20	AUG 16	13.53
NOV 15	15.14	OCT 06	14.66	NOV 12	14.45	OCT 03	14.10
JAN 02, 1975	13.49	NOV 21	14.04	DEC 17	13.83	NOV 07	13.63
29	11.24	JAN 04, 1978	4.35	JAN 19, 1981	14.77	DEC 15	1.85
MAR 11	7.24	FEB 23	5.52	FEB 24	8.78	MAR 16, 1984	1.96
APR 10	4.86	APR 06	2.04	APR 06	13.54		



WELL NUMBER.--WA Dj 2 SITE ID.--392904077371501
LOCATION.--Lat 39°29'04", long 77°37'15", Hydrologic Unit 02070004, at Turner's Gap on Alt. U.S. 40.
Owner: Russell Schwartz .
AQUIFER.--Weverton Formation.
WELL CHARACTERISTICS.--Dug stone-lined unused water-table well, diameter 48 in., depth 61.3 ft.
DATUM.--Altitude of land-surface datum is 1,070 ft. Measuring point: Top of concrete cover, 0.25 ft above land-surface datum.
PERIOD OF RECORD.--December 1956 to current year.
EXTREMES FOR PERIOD FOR RECORD.--Highest water level measured, 16.35 ft below land-surface datum, April 23, 1984; lowest measured, 58.88 ft below land-surface datum, Oct. 5, 1961.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 18, 1956	41.35	JUN 26, 1967	37.25	NOV 28, 1973	54.81	APR 15, 1980	20.30
JAN 11, 1957	38.16	JUL 12	38.74	JAN 07, 1974	42.61	MAY 27	21.55
FEB 05	32.80	18	39.40	FEB 07	32.37	JUL 03	31.50
MAR 04	25.67	AUG 21	42.25	MAR 15	37.75	AUG 19	40.54
APR 08	28.93	OCT 03	43.78	APR 18	26.44	OCT 10	47.45
JUN 03	34.62	NOV 07	45.42	MAY 23	31.01	NOV 12	50.90
JUL 17	43.29	DEC 19	37.80	JUL 11	37.43	DEC 17	52.95
AUG 22	49.64	JAN 22, 1968	32.98	SEP 05	50.33	JAN 20, 1981	55.34
OCT 02	52.24	FEB 20	29.63	OCT 21	51.59	FEB 24	51.10
NOV 13	51.28	MAR 07	33.56	NOV 14	56.49	APR 06	45.81
JAN 10, 1958	52.35	25	27.23	JAN 02, 1975	58.08	MAY 06	37.67
FEB 03	37.75	APR 15	28.69	29	44.70	JUN 10	35.15
MAR 11	33.78	MAY 28	36.15	MAR 07	40.36	JUL 22	38.85
APR 09	16.86	JUL 09	34.56	APR 10	25.66	SEP 11	45.01
MAY 19	21.52	AUG 21	42.84	MAY 15	23.44	OCT 05	47.55
JUN 13	38.31	OCT 03	47.35	JUL 16	38.62	JAN 05, 1982	52.38
JUL 23	40.18	NOV 20	51.53	AUG 26	39.59	FEB 17	45.85
SEP 24	46.39	JAN 08, 1969	47.50	OCT 08	28.40	MAR 22	32.54
JAN 09, 1959	46.92	MAR 10	47.00	NOV 17	30.99	MAY 11	27.62
APR 06	46.21	APR 22	42.54	DEC 18	37.34	JUN 21	31.63
MAY 13	43.18	MAY 22	41.75	30	36.63	JUL 26	35.80
JUN 12	44.52	JUN 23	44.33	FEB 04, 1976	28.86	SEP 09	40.25
JUL 02	44.90	JUL 16	49.53	MAR 11	34.28	NOV 02	46.82
OCT 15	46.22	SEP 09	44.39	MAY 11	35.15	DEC 15	49.00
JAN 11, 1960	57.57	OCT 07	49.54	JUN 15	38.59	JAN 26, 1983	49.90
APR 14	23.62	NOV 19	53.10	JUL 20	37.70	MAR 10	39.30
JUL 01	31.47	DEC 16	49.55	AUG 26	41.23	APR 14	19.95
OCT 19	53.50	FEB 12, 1970	36.60	OCT 08	39.43	MAY 23	21.88
JAN 12, 1961	29.26	MAR 17	32.30	NOV 18	26.55	JUL 08	30.55
APR 10	36.29	MAY 05	20.60	JAN 04, 1977	36.35	AUG 16	39.37
JUL 05	42.32	JUN 17	33.30	FEB 21	42.70	OCT 03	46.80
OCT 05	58.88	JUL 30	34.90	APR 11	21.55	NOV 07	47.30
JAN 09, 1962	46.29	OCT 19	47.97	MAY 26	35.45	DEC 15	33.60
APR 12	34.58	DEC 28	43.84	JUL 12	42.07	FEB 01, 1984	35.13
JUL 05	46.42	FEB 11, 1971	35.70	AUG 22	45.82	MAR 16	21.79
OCT 16	54.87	MAR 22	26.30	OCT 06	41.45	APR 23	16.35
JAN 02, 1963	49.11	MAY 07	35.04	NOV 21	48.74	JUN 12	28.90
APR 10	38.57	JUN 03	31.94	JAN 04, 1978	33.15	JUL 12	34.84
JUL 01	36.65	JUL 14	40.53	FEB 23	29.97	AUG 28	37.95
OCT 01	47.79	SEP 09	46.54	APR 06	21.33	OCT 09	43.87
25	50.35	OCT 19	50.77	MAY 18	21.99	NOV 19	46.30
JAN 08, 1964	48.02	NOV 12	44.20	JUN 29	31.77	JAN 03, 1985	43.20
APR 02	43.11	DEC 17	41.44	AUG 10	34.62	FEB 14	40.33
JUL 01	35.96	FEB 15, 1972	30.10	SEP 20	38.75	MAR 26	35.94
OCT 21	50.00	MAR 22	22.59	OCT 26	43.47	MAY 06	35.45
JAN 11, 1965	39.67	JUL 11	22.16	DEC 13	49.73	JUN 17	31.80
APR 08	36.41	SEP 12	42.01	JAN 03, 1979	47.65	JUL 29	35.80
JUN 30	37.00	OCT 24	48.46	MAR 13	17.90	MAR 07, 1986	49.17
SEP 30	49.24	DEC 14	37.31	MAY 08	28.60	APR 07	26.64
JAN 06, 1966	47.26	JAN 18, 1973	29.68	JUN 28	33.45	MAY 21	32.50
APR 28	43.92	MAR 01	25.83	AUG 08	40.63	JUL 01	34.00
JUN 08	38.12	APR 03	28.91	OCT 03	38.62	AUG 11	36.63
JUL 28	42.77	MAY 02	21.88	NOV 19	29.40	OCT 02	38.73
SEP 09	48.61	JUN 13	24.60	DEC 18	32.29	NOV 18	39.87
JAN 17, 1967	43.20	AUG 03	38.94	JAN 02, 1980	33.25		
MAR 02	36.84	SEP 12	54.47	23	32.71		
JUN 05	32.60	OCT 25	49.17	FEB 29	35.06		


WA Dj 2
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1956
1958
1960
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1964
1966
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1980
1982
1984
1986

WELL NUMBER.--WI Ce 13 SITE ID.--382150075352101

LOCATION.--Lat 38°21'50", long 75°35'21", Hydrologic Unit 02060007, at Municipal Zoo Park, Salisbury.
Owner: City of Salisbury.

AQUIFER.--Beaverdam Sand.

WELL CHARACTERISTICS.--Drilled unused water-table well, reported depth 65 ft, measured depth 51.7 ft; casing 16 to 10 in. with 20 ft screen.

DATUM.--Altitude of land-surface datum is 7 ft. Measuring point: Top of casing, 1.04 ft above land-surface datum.

REMARKS.--Equipped with water-level recorder July 16, 1947 to Oct. 26, 1949; Oct. 31, 1949 to Jan. 3, 1955; Aug. 23, 1962 to Aug. 20, 1968.

PERIOD OF RECORD.--July 1947 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.07 ft below land-surface datum, Aug. 5, 1948; lowest measured, 10.72 ft below land-surface datum, Aug. 30, 1947.

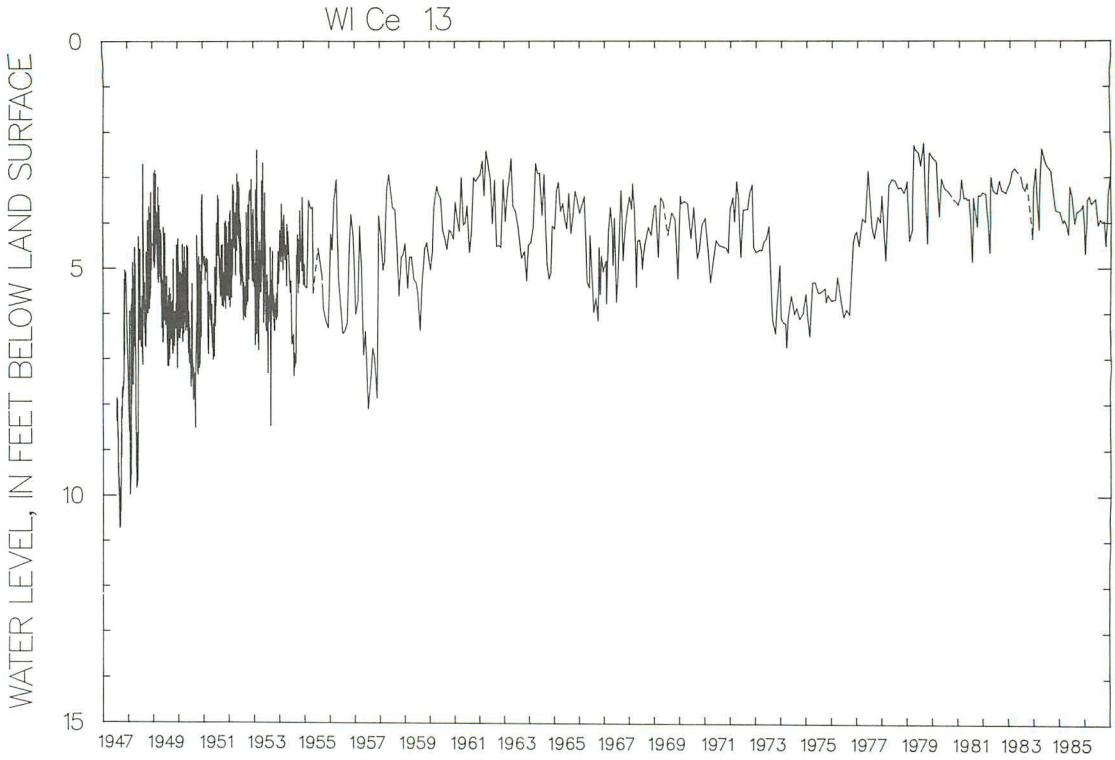
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 17, 1947	8.36	JUL 01, 1950	7.61	JUN 01, 1953	4.36	OCT 10, 1957	6.99
24	7.92	12	7.21	15	5.25	NOV 14	7.87
AUG 01	8.72	AUG 01	7.74	JUL 01	5.90	DEC 10	3.84
16	10.00	18	7.81	15	5.29	JAN 16, 1958	4.42
SEP 01	10.31	SEP 01	8.40	AUG 01	6.20	FEB 10	5.05
15	9.71	22	6.11	05	5.84	MAR 06	4.84
OCT 01	8.29	OCT 01	4.88	SEP 04	6.29	APR 07	3.28
16	7.73	18	6.70	17	5.90	MAY 08	2.94
NOV 01	6.40	NOV 03	7.06	OCT 01	5.62	JUL 02	3.66
14	5.08	14	6.42	16	5.84	AUG 05	3.72
JAN 15, 1948	8.59	DEC 01	5.34	NOV 01	5.84	SEP 09	4.69
21	7.93	14	3.99	19	6.06	OCT 02	5.62
FEB 10	9.42	JAN 01, 1951	4.81	DEC 01	5.90	NOV 06	4.76
19	7.97	19	4.94	16	4.72	DEC 04	4.68
MAR 01	6.71	FEB 01	4.97	JAN 08, 1954	4.18	31	4.46
16	6.86	14	5.06	14	4.27	FEB 05, 1959	5.45
APR 01	6.28	MAR 01	6.26	FEB 02	3.59	MAR 05	4.76
15	6.50	16	5.89	25	5.04	APR 02	4.75
MAY 01	9.83	APR 01	5.66	MAR 05	3.98	MAY 07	5.25
13	8.63	15	5.82	12	3.82	JUN 08	5.32
JUN 01	5.67	MAY 02	6.49	APR 08	4.50	JUL 01	5.54
15	6.56	17	7.02	15	5.40	AUG 08	6.38
JUL 01	6.43	JUN 01	6.80	MAY 01	4.70	SEP 03	5.39
18	5.61	15	5.96	07	4.20	OCT 13	4.58
AUG 01	7.13	JUL 01	4.81	JUN 04	5.54	NOV 12	4.44
18	5.70	15	4.30	18	5.28	JAN 07, 1960	5.04
SEP 01	6.26	AUG 01	4.68	JUL 01	6.68	FEB 04	4.65
14	6.73	16	5.08	23	6.47	MAR 01	3.60
OCT 01	5.53	SEP 01	5.42	AUG 06	6.88	APR 11	3.19
13	5.86	15	5.45	12	7.19	MAY 04	3.37
NOV 01	5.54	OCT 01	5.77	SEP 07	4.72	JUN 06	3.47
15	5.24	16	5.50	14	4.87	JUL 06	4.17
DEC 01	4.89	NOV 01	4.16	OCT 11	4.37	AUG 03	4.34
03	4.88	17	5.37	18	5.33	SEP 06	4.58
JAN 01, 1949	4.34	DEC 01	4.08	NOV 01	4.27	OCT 10	4.16
16	3.11	16	5.20	15	4.38	NOV 03	4.20
FEB 01	4.25	JAN 01, 1952	5.70	DEC 07	4.00	DEC 09	4.36
14	4.10	16	5.64	13	5.37	JAN 05, 1961	3.54
MAR 01	3.90	FEB 01	5.33	JAN 03, 1955	5.40	FEB 03	3.89
14	5.12	14	5.12	FEB 01	5.44	MAR 07	4.19
APR 08	5.19	MAR 01	4.50	MAR 01	3.51	APR 06	3.00
19	4.46	16	3.96	30	3.69	MAY 05	4.05
MAY 01	4.92	APR 01	4.31	APR 27	3.66	JUN 01	4.00
16	5.91	15	4.04	MAY 01	5.56	29	3.62
JUN 01	5.06	MAY 01	4.02	JUL 13	4.57	AUG 03	4.65
15	6.15	16	4.04	SEP 07	5.17	31	4.24
JUL 01	5.99	JUN 01	3.22	28	5.91	OCT 04	3.00
16	5.84	16	4.77	NOV 08	6.19	NOV 03	3.09
AUG 01	6.61	JUL 01	4.54	DEC 07	6.32	DEC 07	3.00
16	6.63	16	5.31	JAN 12, 1956	4.25	JAN 05, 1962	2.95
SEP 01	6.22	AUG 01	5.53	FEB 01	4.60	FEB 08	2.64
14	6.27	17	5.63	MAR 01	3.49	MAR 07	3.41
OCT 01	6.55	SEP 01	6.09	APR 05	3.05	APR 03	2.42
13	6.80	15	5.27	MAY 03	5.22	MAY 11	2.77
NOV 01	6.46	OCT 01	5.71	JUN 07	5.89	JUN 08	3.07
18	6.24	16	5.10	JUL 05	6.45	JUL 06	4.02
DEC 01	6.26	NOV 01	3.37	AUG 02	6.39	AUG 07	3.06
16	7.04	15	3.33	SEP 06	6.22	SEP 06	4.52
JAN 01, 1950	4.95	DEC 01	4.97	OCT 04	4.68	OCT 11	4.50
16	6.28	16	5.30	NOV 01	3.81	NOV 07	4.54
FEB 01	6.10	JAN 01, 1953	5.27	DEC 06	4.32	DEC 12	3.05
13	6.08	22	5.71	JAN 08, 1957	6.02	JAN 11, 1963	3.97
MAR 01	6.53	FEB 01	3.78	FEB 11	5.71	FEB 15	3.26
16	6.42	14	5.58	MAR 07	4.07	MAR 07	3.07
APR 01	6.10	MAR 01	5.94	APR 04	5.11	APR 08	2.59
15	6.36	16	4.76	MAY 02	6.92	MAY 02	3.62
MAY 01	5.95	APR 01	4.90	29	6.40	JUN 10	3.75
11	6.31	15	5.31	JUL 08	8.10	JUL 19	4.09
JUN 05	6.76	MAY 01	4.30	AUG 20	7.36	SEP 05	4.78
17	7.02	16	6.18	SEP 11	6.77	OCT 18	4.63

DATE	WATER LEVEL
NOV 20, 1963	5.28
DEC 16	4.49
JAN 21, 1964	4.43
FEB 25	4.10
APR 01	2.69
27	2.91
MAY 28	2.91
JUL 06	3.84
AUG 03	2.94
SEP 14	4.89
OCT 13	5.24
NOV 09	5.10
DEC 01	4.07
JAN 04, 1965	4.14
FEB 01	3.29
MAR 01	3.11
APR 01	3.75
MAY 03	3.57
JUN 03	3.93
JUL 01	4.13
AUG 01	3.35
SEP 02	4.24
OCT 02	3.84
NOV 01	3.30
DEC 01	3.50
JAN 06, 1966	3.79
FEB 15	3.58
MAR 17	3.42
APR 25	5.31
MAY 27	5.43
JUN 07	4.28
AUG 01	5.97
SEP 02	5.66
OCT 03	6.17
18	4.54
NOV 02	5.58
09	5.41
DEC 12	5.03
14	5.08
JAN 04, 1967	4.96
27	4.85
FEB 03	5.79
MAR 04	4.21
APR 02	3.66
28	4.10
MAY 10	4.94
31	3.89
JUN 29	5.75
JUL 20	5.23
SEP 03	3.29
20	3.82
OCT 03	4.83
NOV 03	4.18
DEC 05	3.71
JAN 04, 1968	3.43
FEB 06	3.70
20	3.14
MAR 21	3.80
APR 16	5.43
MAY 01	4.40
JUN 01	4.38
28	4.63

DATE	WATER LEVEL
JUL 11, 1968	5.03
30	4.70
AUG 16	4.47
20	4.47
OCT 07	4.10
NOV 15	4.28
JAN 03, 1969	3.63
21	3.62
FEB 27	4.76
APR 03	3.45
MAY 09	3.55
JUL 17	4.28
SEP 10	3.78
OCT 31	3.93
DEC 10	5.24
JAN 13, 1970	3.41
28	3.58
MAR 16	3.53
APR 28	3.59
JUN 17	4.35
JUL 27	3.66
SEP 17	4.79
OCT 14	4.61
NOV 24	4.04
JAN 07, 1971	3.90
FEB 18	4.58
MAR 24	5.32
MAY 07	4.80
JUN 15	4.39
JUL 27	4.50
NOV 04	4.56
DEC 07	4.66
JAN 03, 1972	3.70
FEB 10	3.45
MAR 07	3.98
APR 04	3.09
MAY 02	3.46
JUN 05	4.76
JUL 11	3.72
SEP 13	3.70
OCT 11	3.34
NOV 14	3.17
DEC 07	4.54
JAN 08, 1973	4.65
FEB 06	4.63
MAR 05	4.60
APR 04	4.61
MAY 09	4.42
JUN 12	4.35
JUL 18	4.08
AUG 09	5.05
SEP 05	6.14
OCT 18	6.44
NOV 09	5.84
DEC 22	4.94
JAN 10, 1974	6.12
FEB 15	6.21
MAR 14	6.23
26	6.75
APR 23	6.06
JUN 05	5.61
JUL 22	6.02

DATE	WATER LEVEL
AUG 21, 1974	5.88
OCT 04	6.13
NOV 20	6.00
JAN 03, 1975	5.57
29	6.13
FEB 26	6.51
APR 11	5.32
MAY 16	5.31
JUL 02	5.55
AUG 06	5.53
OCT 07	5.45
21	5.75
NOV 17	5.59
JAN 05, 1976	5.72
MAR 03	5.70
APR 05	5.20
MAY 20	5.69
JUL 01	6.09
AUG 11	5.92
SEP 22	6.03
NOV 16	4.47
DEC 10	4.27
JAN 04, 1977	4.20
FEB 09	4.52
MAR 30	3.91
MAY 12	3.99
JUN 20	2.87
AUG 15	4.11
SEP 19	4.35
NOV 07	3.87
DEC 12	4.00
JAN 06, 1978	3.41
FEB 27	4.83
APR 17	3.19
MAY 30	3.05
JUL 14	3.08
AUG 30	3.25
OCT 06	3.23
NOV 21	3.35
DEC 15	3.25
JAN 05, 1979	3.10
FEB 02	4.40
MAR 16	4.16
APR 11	2.30
MAY 03	2.40
JUN 14	2.47
JUL 17	2.75
AUG 30	2.25
OCT 17	4.46
NOV 20	2.46
JAN 03, 1980	2.57
FEB 28	2.66
APR 09	3.87
MAY 14	3.04
JUN 25	3.25
AUG 20	3.32
NOV 05	3.50
DEC 18	3.56
JAN 06, 1981	3.61
FEB 06	3.46
27	3.05
APR 02	3.47

DATE	WATER LEVEL
MAY 06, 1981	3.45
13	3.50
JUN 16	3.49
JUL 17	4.86
AUG 18	3.45
SEP 28	4.09
OCT 27	3.40
NOV 23	3.41
DEC 28	3.34
FEB 10, 1982	3.37
MAR 25	4.66
APR 27	3.00
MAY 27	3.29
JUN 24	3.34
JUL 22	3.36
AUG 26	3.08
SEP 27	3.29
NOV 24	3.35
DEC 27	3.21
JAN 24, 1983	3.12
FEB 23	2.88
MAR 30	2.81
JUN 27	2.99
JUL 27	3.22
AUG 26	3.30
SEP 26	3.13
NOV 28	4.35
DEC 27	3.23
JAN 26, 1984	2.81
FEB 27	4.15
APR 17	2.37
MAY 29	2.63
JUN 27	2.74
AUG 29	2.87
OCT 30	3.73
DEC 26	3.76
FEB 05, 1985	4.00
26	3.94
MAR 26	4.04
APR 26	4.26
MAY 28	3.21
JUN 26	3.44
JUL 25	4.02
AUG 28	3.77
OCT 31	3.70
NOV 27	3.61
DEC 27	4.68
JAN 29, 1986	3.51
FEB 26	3.42
MAR 27	3.59
MAY 27	3.48
JUN 26	4.06
JUL 28	3.93
AUG 29	4.00
SEP 25	3.97
OCT 21	4.51
NOV 26	3.38
DEC 29	2.98


Wl Ce 13
WATER LEVEL, IN FEET BELOW LAND SURFACE
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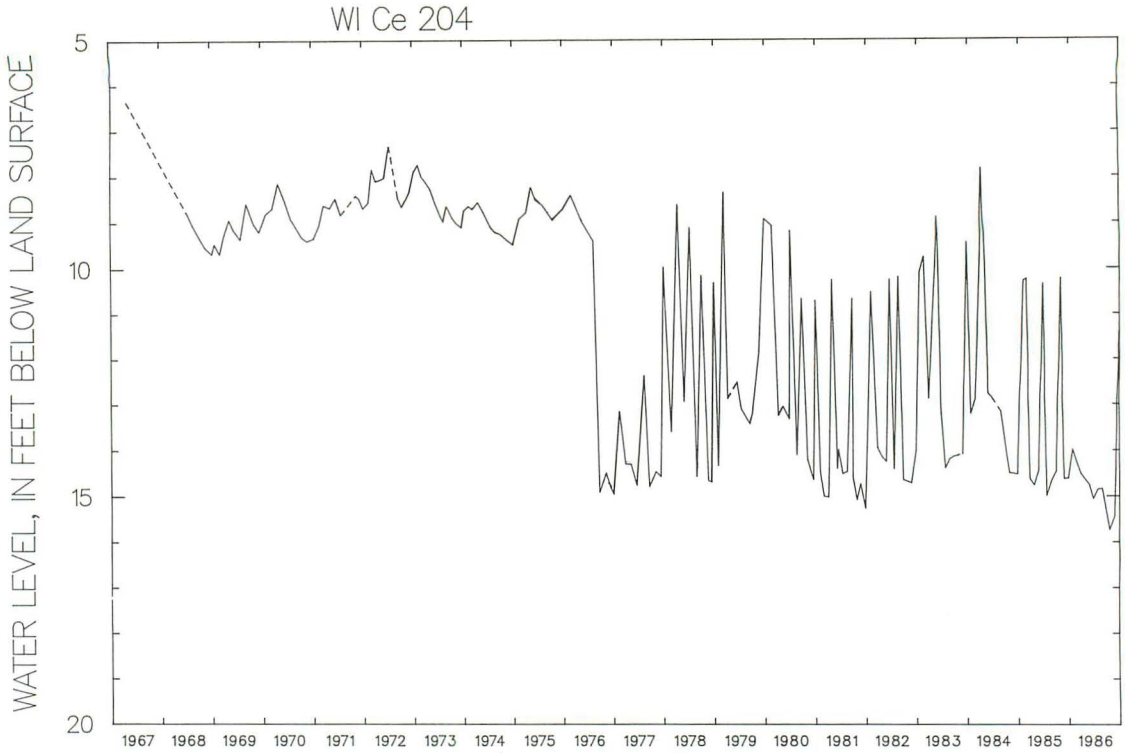
WELL NUMBER.--WI Ce 204 SITE ID.--382442075355302 PERMIT NUMBER.--WI-67-0191
LOCATION.--Lat 38°24'42", long 75°35'53", Hydrologic Unit 02060007, north side of Naylor Mill Rd., nr Salisbury
Owner: City of Salisbury.
AQUIFER.--Beaverdam Sand.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 306 ft; casing diameter 8 in. with depth to 109 ft; screen diameter 3 in. from 109 to 113 ft.
DATUM.--Altitude of land-surface datum is 28 ft. Measuring point: Top of casing, 3.14 ft above land-surface datum.
PERIOD OF RECORD.--April 1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.35 ft below land-surface datum April 27, 1967; lowest measured, 15.74 ft below land-surface datum, Oct. 21, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 27, 1967	6.35	MAY 08, 1973	8.27	APR 17, 1978	8.61	SEP 27, 1982	14.64
JUL 11, 1968	8.80	JUN 11	8.56	MAY 31	12.94	NOV 24	14.71
AUG 16	9.04	JUL 17	8.83	JUL 14	9.11	DEC 27	14.02
OCT 07	9.33	AUG 10	8.98	AUG 30	14.57	JAN 24, 1983	10.09
NOV 15	9.54	SEP 04	8.64	OCT 06	10.15	FEB 23	9.76
JAN 03, 1969	9.68	OCT 16	8.90	NOV 21	14.65	MAR 30	12.88
21	9.46	NOV 09	9.00	DEC 15	14.69	MAY 31	8.89
FEB 28	9.68	DEC 22	9.11	JAN 05, 1979	10.32	JUN 27	13.18
APR 03	9.26	JAN 10, 1974	8.74	31	14.33	JUL 27	14.39
MAY 09	8.93	FEB 13	8.64	MAR 16	8.35	AUG 26	14.19
JUN 05	9.13	MAR 12	8.71	APR 11	12.88	SEP 26	14.13
JUL 28	9.36	APR 22	8.56	JUN 18	12.52	NOV 28	14.08
SEP 10	8.58	JUN 06	8.81	JUL 17	13.10	DEC 27	9.44
OCT 31	9.01	JUL 22	9.10	SEP 17	13.43	JAN 26, 1984	13.21
DEC 10	9.20	AUG 22	9.21	OCT 05	13.19	FEB 27	12.90
JAN 13, 1970	8.94	OCT 03	9.26	NOV 23	11.87	APR 17	7.83
28	8.81	NOV 18	9.38	JAN 03, 1980	8.93	MAY 29	12.76
MAR 16	8.69	JAN 03, 1975	9.49	FEB 27	9.08	JUN 27	12.86
APR 28	8.14	16	9.32	APR 09	13.25	AUG 29	13.16
JUN 15	8.52	FEB 19	8.92	MAY 14	13.05	OCT 30	14.49
JUL 27	8.91	APR 11	8.78	JUN 27	13.32	DEC 26	14.52
SEP 17	9.17	MAY 16	8.23	JUL 09	9.19	FEB 05, 1985	10.28
OCT 14	9.31	JUN 18	8.51	AUG 20	14.10	26	10.24
NOV 20	9.40	AUG 08	8.62	SEP 28	10.66	MAR 26	14.62
JAN 08, 1971	9.34	OCT 03	8.87	NOV 05	14.20	APR 26	14.76
FEB 18	9.05	20	8.95	DEC 18	14.64	MAY 28	14.44
MAR 22	8.62	NOV 19	8.85	JAN 06, 1981	10.71	JUN 26	10.34
MAY 06	8.68	JAN 05, 1976	8.71	FEB 05	14.46	JUL 25	14.99
JUN 16	8.47	MAR 03	8.41	MAR 04	15.00	AUG 28	14.66
JUL 26	8.83	APR 05	8.64	APR 06	15.02	OCT 02	14.45
NOV 11	8.41	MAY 20	8.97	MAY 06	10.26	31	10.22
DEC 06	8.48	JUN 30	9.18	JUN 08	14.40	NOV 27	14.62
JAN 03, 1972	8.69	AUG 12	9.40	16	13.98	DEC 27	14.61
FEB 11	8.56	SEP 22	14.91	JUL 17	14.51	JAN 29, 1986	13.98
MAR 07	7.84	NOV 09	14.48	AUG 18	14.46	FEB 26	14.26
APR 05	8.10	DEC 10	14.80	SEP 28	10.66	MAR 27	14.51
MAY 04	8.07	JAN 04, 1977	14.95	29	14.59	MAY 27	14.75
JUN 05	8.02	FEB 16	13.15	OCT 27	15.08	JUN 26	15.06
JUL 11	7.33	MAR 31	14.29	NOV 23	14.73	JUL 28	14.85
SEP 13	8.46	MAY 10	14.30	DEC 28	15.27	AUG 29	14.84
OCT 11	8.66	JUN 21	14.76	FEB 10, 1982	10.52	OCT 21	15.74
NOV 14	8.48	AUG 16	12.36	MAR 25	13.95	NOV 26	15.44
DEC 07	8.34	SEP 20	14.79	APR 27	14.14	DEC 29	11.43
JAN 08, 1973	7.89	NOV 07	14.46	MAY 27	14.25		
FEB 06	7.74	DEC 13	14.57	JUN 24	10.25		
MAR 05	7.99	JAN 06, 1978	9.97	JUL 22	14.41		
APR 04	8.11	FEB 27	13.60	AUG 26	10.19		


WI Ce 204
WATER LEVEL, IN FEET BELOW LAND SURFACE
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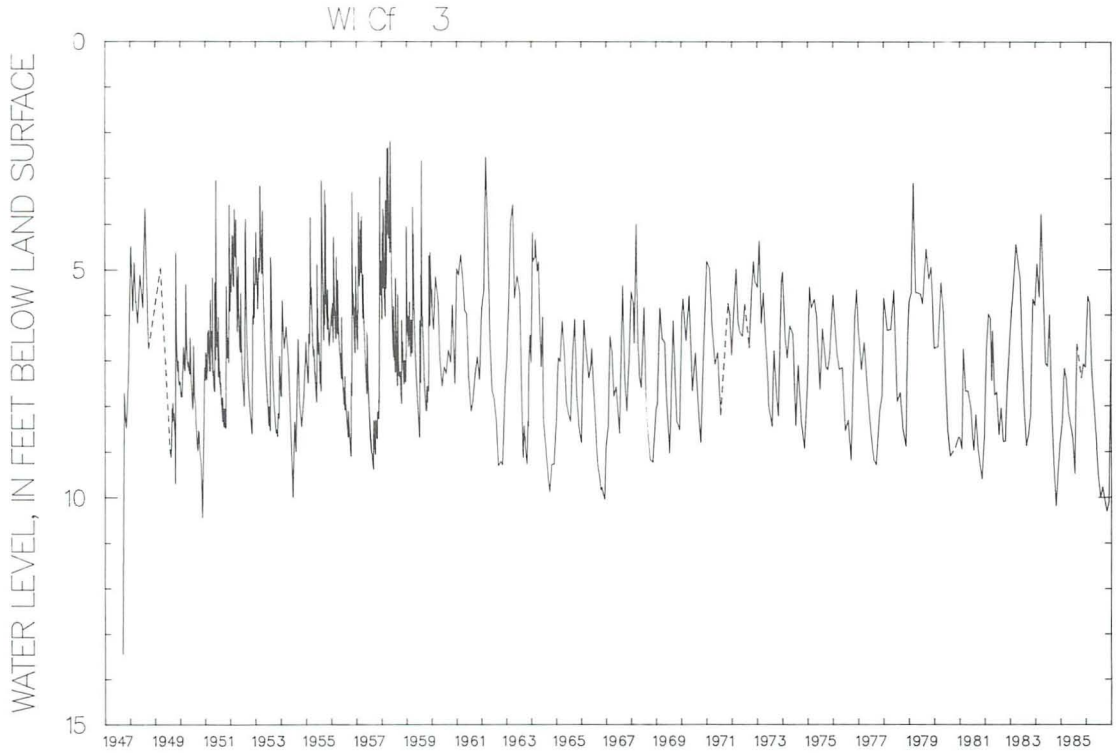
WELL NUMBER.--WI Cf 3 SITE ID.--382037075310801
LOCATION.--Lat 38°20'37", long 75°31'08", Hydrologic Unit 02060007, on Airport Rd., about 5 mi southeast of Salisbury.
Owner: Salisbury Wicomico Airport.
AQUIFER.--Beaverdam Sand.
WELL CHARACTERISTICS.--Drilled unused water-table well, depth 109 ft; casing diameter 16 in. with depth to 90 ft; screened from 90 to 110 ft.
DATUM.--Altitude of land-surface datum is 44.79 ft. Measuring point: Top of casing, 2.0 ft above land-surface datum.
REMARKS.--Water level reported 7.2 ft below land-surface datum, Oct 26, 1942; equipped with water-level recorder March 24, 1948 to July 9, 1948, and Aug. 2, 1949 to April 11, 1960, and Aug. 29, 1963 to Aug. 20, 1968.
PERIOD OF RECORD.--September 1947 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 1.90 ft below land-surface datum, May 7, 1958; lowest measured, 13.44 ft below land-surface datum, Sept. 18, 1947.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP 18, 1947	13.44	DEC 01, 1951	6.66	MAR 16, 1955	5.63	FEB 14, 1958	5.62
OCT 10	7.71	16	6.28	APR 01	6.13	MAR 01	3.94
22	8.19	JAN 04, 1952	5.91	15	6.70	16	4.80
NOV 07	8.48	11	5.10	MAY 01	6.94	APR 01	2.96
DEC 10	7.47	FEB 01	4.23	15	7.33	10	4.23
JAN 16, 1948	4.46	11	4.44	JUN 01	7.77	MAY 01	4.14
FEB 13	5.91	MAR 05	3.65	15	5.75	05	3.95
MAR 04	4.83	14	4.44	JUL 01	6.76	JUN 05	5.80
24	5.56	APR 04	5.18	21	7.24	17	6.66
APR 24	6.18	11	5.73	AUG 01	7.22	JUL 01	6.28
MAY 28	5.10	MAY 02	4.92	07	7.57	16	7.01
JUL 09	5.84	16	6.42	SEP 07	5.58	AUG 01	6.16
AUG 10	3.65	JUN 06	5.50	18	6.56	17	7.26
SEP 30	6.75	13	6.39	OCT 01	6.15	SEP 01	6.38
MAR 24, 1949	4.96	JUL 03	7.42	15	3.57	17	7.34
AUG 09	9.02	11	7.60	NOV 09	6.27	OCT 01	7.35
16	9.02	AUG 04	6.68	19	6.08	16	7.78
SEP 06	8.06	15	3.87	DEC 01	6.58	NOV 06	6.59
12	8.34	SEP 05	6.67	04	6.54	18	7.18
OCT 02	8.16	12	7.00	JAN 13, 1956	5.84	DEC 01	7.04
16	8.59	OCT 03	7.79	22	5.76	16	7.43
NOV 02	4.60	17	8.10	FEB 01	6.61	JAN 01, 1959	4.28
14	6.64	NOV 07	8.50	15	5.41	16	6.20
DEC 05	7.00	14	8.60	MAR 01	6.25	FEB 05	6.03
12	7.38	DEC 05	6.19	16	5.57	16	5.75
JAN 03, 1950	7.47	12	4.71	APR 01	6.37	MAR 01	6.71
16	7.80	JAN 07, 1953	5.32	17	6.12	16	6.25
FEB 13	7.06	16	4.75	MAY 01	6.76	APR 01	6.00
23	6.70	FEB 06	5.87	16	7.08	15	4.58
MAR 06	7.15	13	5.57	JUN 01	7.40	MAY 01	6.38
13	7.23	MAR 06	4.99	16	7.25	16	7.03
APR 03	6.09	13	3.15	JUL 01	7.79	JUN 01	7.55
10	6.67	APR 03	5.09	16	7.98	15	7.99
MAY 01	7.03	10	4.34	AUG 01	7.96	JUL 01	8.45
15	7.19	MAY 01	5.56	16	8.31	16	6.20
JUN 05	7.03	15	6.42	SEP 01	8.62	AUG 01	5.11
12	7.45	JUN 05	7.19	03	8.67	18	5.76
JUL 03	8.07	12	7.44	OCT 04	8.90	SEP 01	6.48
10	7.91	JUL 03	8.01	17	9.10	15	7.13
AUG 14	7.97	17	8.42	NOV 01	3.30	OCT 01	7.78
21	8.40	AUG 07	8.54	15	5.87	19	8.05
SEP 05	8.79	14	4.70	DEC 01	6.28	NOV 01	7.64
11	8.90	SEP 04	6.70	17	5.83	15	7.67
OCT 04	8.57	11	7.10	JAN 01, 1957	5.84	DEC 01	5.70
16	8.98	OCT 02	7.98	16	6.56	07	5.80
NOV 03	9.25	16	8.32	FEB 01	4.25	JAN 08, 1960	5.82
24	10.45	NOV 06	8.52	15	5.12	10	5.43
DEC 26	7.16	13	8.59	MAR 01	4.18	FEB 04	6.33
JAN 01, 1951	7.42	DEC 04	8.26	16	4.91	MAR 01	5.14
16	7.06	18	6.90	APR 01	5.68	APR 11	5.72
FEB 01	7.25	JAN 08, 1954	7.78	15	5.69	MAY 04	6.94
14	6.72	15	7.78	MAY 01	6.53	JUN 06	7.57
MAR 01	6.79	FEB 02	6.07	16	7.24	JUL 06	7.14
16	7.07	25	6.74	JUN 01	7.68	AUG 03	7.29
APR 01	6.62	MAR 24	6.25	15	7.12	SEP 06	6.77
15	6.86	MAY 01	7.14	JUL 08	8.16	OCT 10	7.04
MAY 01	7.22	JUN 29	10.00	19	8.52	NOV 03	5.76
16	7.56	JUL 23	8.34	AUG 01	8.84	DEC 09	7.51
JUN 01	6.69	26	8.45	21	9.16	JAN 05, 1961	4.97
15	4.75	AUG 01	8.62	SEP 01	9.30	FEB 03	5.12
JUL 01	6.70	06	8.74	15	8.50	MAR 06	4.66
16	7.35	SEP 13	6.52	OCT 01	8.94	APR 06	5.19
AUG 01	7.30	OCT 01	7.92	16	8.58	MAY 04	5.90
16	7.58	NOV 01	8.46	NOV 01	8.70	JUN 01	5.98
SEP 01	7.97	DEC 04	7.79	16	8.24	29	7.34
15	8.05	JAN 01, 1955	6.67	DEC 10	2.97	AUG 03	8.12
OCT 01	8.39	06	6.82	20	5.41	31	7.88
16	8.11	FEB 01	7.41	JAN 01, 1958	4.87	OCT 04	7.30
NOV 01	8.43	16	6.56	18	4.78	NOV 03	6.91
18	6.46	MAR 01	5.71	FEB 01	4.81	DEC 07	7.42

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 05, 1962	5.86	DEC 12, 1966	10.04	JUN 12, 1973	7.48	DEC 18, 1980	8.68
FEB 08	5.43	JAN 04, 1967	8.83	18	7.98	JAN 06, 1981	8.70
MAR 07	2.53	06	8.84	AUG 09	8.45	FEB 05	8.94
APR 03	4.09	FEB 03	8.46	SEP 05	6.78	27	6.75
MAY 11	6.68	MAR 04	6.46	OCT 18	7.89	APR 02	7.67
JUN 08	7.67	APR 02	6.82	NOV 08	8.22	MAY 05	7.68
JUL 06	7.84	28	7.79	DEC 22	5.25	JUN 10	8.00
AUG 07	8.35	MAY 31	7.58	JAN 09, 1974	5.05	16	8.08
SEP 06	9.31	JUN 29	8.19	FEB 15	6.51	JUL 17	8.83
OCT 11	9.21	JUL 20	8.60	MAR 14	6.96	27	8.97
NOV 07	9.29	SEP 03	5.34	APR 23	6.24	AUG 26	8.19
DEC 12	7.71	OCT 03	7.33	JUN 05	6.42	SEP 28	8.95
JAN 11, 1963	6.92	NOV 03	8.12	JUL 17	8.43	OCT 27	9.31
FEB 15	5.27	DEC 05	7.03	AUG 21	7.11	NOV 23	9.60
MAR 07	3.97	JAN 04, 1968	5.48	OCT 04	8.34	DEC 28	8.66
APR 09	3.57	FEB 06	5.73	NOV 19	8.93	JAN 27, 1982	6.78
MAY 02	5.63	20	6.62	JAN 03, 1975	7.49	FEB 25	5.98
JUN 10	5.13	MAR 21	4.00	29	5.37	MAR 25	6.08
JUL 19	5.51	29	5.19	FEB 26	5.85	APR 15	7.45
AUG 29	8.95	APR 16	6.69	APR 11	5.65	27	6.35
SEP 05	9.13	MAY 01	7.08	MAY 14	6.05	MAY 27	7.76
18	8.43	07	7.37	JUL 02	7.64	JUN 24	7.70
OCT 03	8.68	JUN 01	7.60	AUG 06	6.30	JUL 28	8.63
04	8.78	JUL 11	5.83	SEP 25	7.15	AUG 26	8.04
NOV 01	9.27	AUG 16	8.18	OCT 21	7.21	SEP 27	8.78
16	8.34	OCT 07	9.17	NOV 19	6.86	OCT 26	8.77
DEC 16	6.44	NOV 15	9.23	JAN 05, 1976	5.55	NOV 24	7.57
31	7.05	JAN 03, 1969	8.07	MAR 03	6.87	DEC 27	6.64
JAN 24, 1964	4.17	21	7.96	APR 05	7.20	JAN 24, 1983	5.92
27	4.82	FEB 27	5.85	MAY 19	7.16	FEB 23	5.33
FEB 25	4.72	APR 03	6.52	JUN 30	8.54	MAR 30	4.44
MAR 02	4.33	MAY 09	6.61	AUG 11	8.31	MAY 31	5.22
30	5.04	JUN 05	7.84	SEP 21	9.19	JUN 27	6.78
APR 20	4.82	JUL 18	9.03	NOV 15	6.06	JUL 27	8.06
27	5.43	SEP 10	6.12	DEC 10	5.43	AUG 26	8.87
MAY 14	6.43	OCT 31	8.33	JAN 04, 1977	6.29	SEP 26	8.62
28	7.15	DEC 10	8.52	FEB 17	7.21	OCT 27	8.19
JUN 19	6.04	JAN 13, 1970	6.00	MAR 30	6.60	NOV 28	5.64
29	8.22	28	5.64	MAY 12	7.53	DEC 27	5.79
JUL 06	8.43	MAR 16	6.57	JUN 20	8.37	JAN 26, 1984	4.87
AUG 03	8.90	APR 28	5.57	AUG 15	9.18	FEB 27	5.61
31	9.46	JUN 15	7.68	SEP 19	9.29	MAR 26	3.77
SEP 09	9.63	JUL 27	6.83	NOV 08	8.11	APR 26	5.35
28	9.88	SEP 16	8.26	DEC 12	7.77	MAY 29	7.06
OCT 26	9.28	OCT 14	8.80	JAN 06, 1978	5.62	JUN 27	7.13
DEC 01	9.27	NOV 20	7.00	FEB 27	6.34	JUL 26	5.99
JAN 04, 1965	8.32	JAN 07, 1971	4.81	APR 17	6.32	AUG 28	8.03
FEB 01	6.94	FEB 18	4.97	MAY 30	5.45	SEP 27	9.32
MAR 01	7.03	MAR 23	6.17	JUL 19	7.91	OCT 26	10.19
APR 01	6.13	MAY 07	7.09	AUG 30	7.71	NOV 27	9.40
MAY 03	6.84	JUN 15	6.83	OCT 10	8.51	DEC 26	8.77
JUN 03	7.94	JUL 27	8.20	NOV 21	8.88	JAN 28, 1985	8.34
JUL 01	8.17	NOV 11	5.75	DEC 15	6.63	FEB 26	7.17
AUG 01	8.34	DEC 07	5.99	JAN 05, 1979	5.71	MAR 26	7.41
SEP 02	6.89	JAN 03, 1972	6.89	FEB 05	5.51	APR 26	8.14
OCT 02	6.09	FEB 10	5.65	MAR 08	3.10	MAY 28	8.41
NOV 01	7.77	MAR 07	4.98	APR 11	5.50	JUN 26	8.69
DEC 01	8.44	APR 04	6.16	JUN 18	5.54	JUL 25	9.48
JAN 06, 1966	8.80	MAY 02	6.39	JUL 17	5.76	AUG 28	6.64
FEB 15	6.10	JUN 06	6.47	SEP 10	4.54	OCT 31	7.39
MAR 17	6.74	JUL 11	5.76	OCT 17	5.21	NOV 27	7.08
APR 25	7.39	SEP 13	6.72	NOV 20	4.94	DEC 27	7.15
MAY 27	7.10	OCT 12	5.64	JAN 03, 1980	6.74	JAN 29, 1986	5.58
JUN 07	6.73	NOV 15	4.81	FEB 28	6.70	FEB 26	5.74
AUG 01	8.37	DEC 06	5.27	APR 09	5.27	MAR 27	7.14
SEP 02	9.28	JAN 08, 1973	5.39	MAY 12	5.92	MAY 27	8.61
OCT 03	9.60	FEB 06	4.36	JUN 25	7.83	JUN 26	9.49
18	9.83	MAR 05	6.20	JUL 14	8.54	JUL 28	10.00
NOV 02	9.78	APR 04	5.51	AUG 20	9.10	AUG 29	9.77
09	9.85	MAY 09	6.56	NOV 05	8.90	SEP 25	10.03

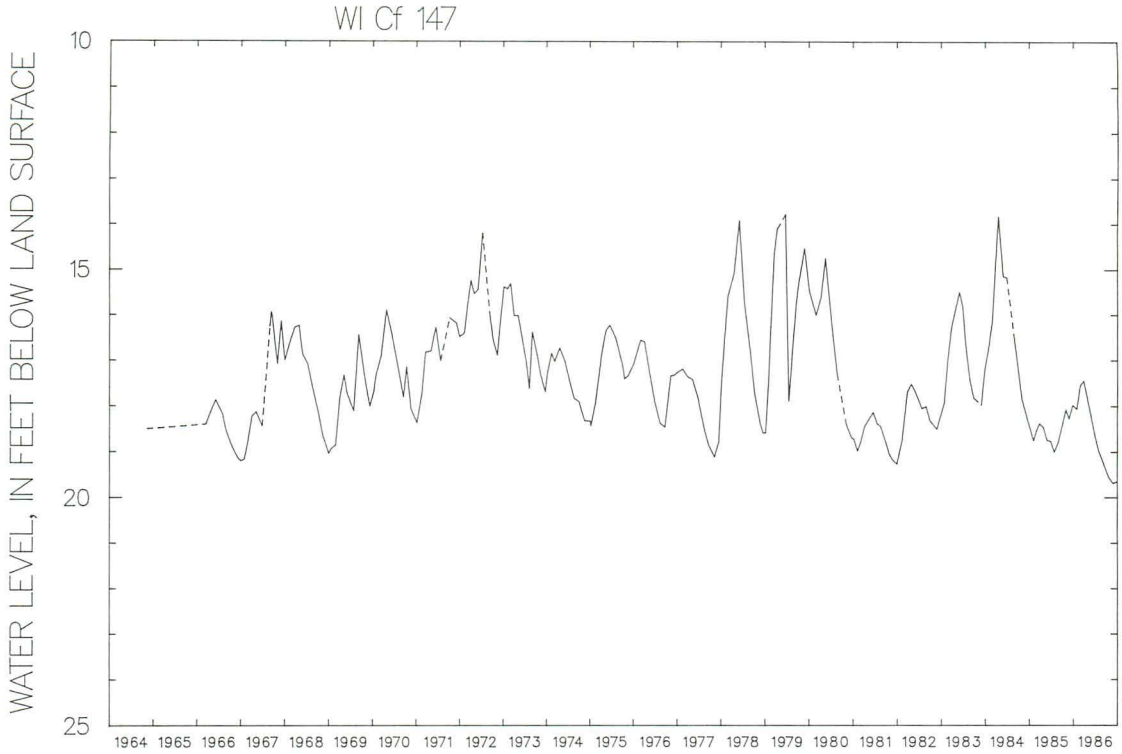
-- CONTINUED WI Cf 3

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28, 1986	10.30	DEC 29, 1986	7.07
NOV 26	10.10		



WELL NUMBER.--WI Cf 147 SITE ID.--382429075344501
LOCATION.--Lat 38°24'29", long 75°34'45", Hydrologic Unit 02060007, South side of Naylor Mill Rd, near Salisbury.
Owner: A. S. Abell Co.
AQUIFER.--Beaverdam Sand.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 80 ft; casing diameter 2 in. with depth to 80 ft; casing slotted from 60 to 80 ft.
DATUM.--Altitude of land-surface datum is 41.83 ft. Measuring point: Top of casing at land surface datum.
PERIOD OF RECORD.--November 1964; March 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.78 ft below land-surface datum, June 18, 1979; lowest measured, 19.68 ft below land-surface datum, Nov. 26, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 11, 1964	18.50	JUN 16, 1971	16.28	SEP 22, 1976	18.46	APR 27, 1982	17.51
MAR 17, 1966	18.40	JUL 26	17.02	NOV 09	17.34	MAY 27	17.67
APR 25	18.14	OCT 11	16.07	DEC 10	17.32	JUN 24	17.85
JUN 07	17.87	DEC 06	16.19	JAN 04, 1977	17.26	JUL 22	18.05
AUG 04	18.18	JAN 03, 1972	16.49	FEB 16	17.19	AUG 26	18.00
SEP 02	18.53	FEB 11	16.40	MAR 31	17.36	SEP 27	18.31
OCT 18	18.86	MAR 07	15.83	MAY 10	17.42	NOV 24	18.50
NOV 17	19.02	APR 05	15.24	JUN 21	17.80	DEC 27	18.19
DEC 14	19.15	MAY 03	15.54	AUG 16	18.51	JAN 24, 1983	17.93
JAN 04, 1967	19.20	JUN 05	15.44	SEP 20	18.85	FEB 23	16.96
FEB 02	19.16	JUL 11	14.19	NOV 07	19.11	MAR 30	16.23
MAR 03	18.78	SEP 13	16.03	DEC 13	18.78	MAY 31	15.49
APR 06	18.23	OCT 11	16.57	JAN 06, 1978	17.42	JUN 27	15.82
MAY 10	18.13	NOV 14	16.89	FEB 27	15.59	JUL 27	16.78
JUN 30	18.44	DEC 07	16.19	APR 17	15.10	AUG 26	17.43
SEP 03	16.25	JAN 08, 1973	15.38	MAY 31	13.91	SEP 26	17.82
13	15.94	FEB 06	15.43	JUL 14	15.74	NOV 28	17.97
NOV 03	17.04	MAR 05	15.31	AUG 30	16.77	DEC 27	17.19
05	17.08	APR 04	16.02	OCT 06	17.71	JAN 26, 1984	16.77
DEC 05	16.14	MAY 08	16.02	NOV 21	18.36	FEB 27	16.17
JAN 04, 1968	17.00	JUN 11	16.53	DEC 15	18.58	APR 17	13.82
FEB 20	16.57	JUL 17	17.06	JAN 05, 1979	18.58	MAY 29	15.14
MAR 27	16.28	AUG 10	17.62	31	17.43	JUN 27	15.17
MAY 01	16.24	SEP 04	16.38	MAR 16	14.66	AUG 29	16.52
JUN 01	16.87	OCT 16	16.90	APR 11	14.10	OCT 30	17.84
JUL 11	17.08	NOV 09	17.27	JUN 18	13.78	DEC 26	18.37
AUG 16	17.53	DEC 22	17.69	JUL 17	17.89	FEB 05, 1985	18.75
OCT 07	18.14	JAN 10, 1974	17.27	SEP 17	15.74	26	18.55
NOV 15	18.66	FEB 13	16.85	OCT 05	15.32	MAR 26	18.37
JAN 03, 1969	19.04	MAR 12	17.03	NOV 23	14.53	APR 26	18.46
21	18.94	APR 22	16.73	JAN 03, 1980	15.48	MAY 28	18.74
FEB 28	18.85	JUN 06	17.03	FEB 28	16.01	JUN 26	18.76
APR 03	17.85	JUL 22	17.52	APR 09	15.61	JUL 25	19.00
MAY 09	17.33	AUG 22	17.83	MAY 14	14.75	AUG 28	18.79
JUN 05	17.73	OCT 03	17.91	JUN 27	15.93	OCT 02	18.40
JUL 28	18.11	NOV 18	18.32	AUG 20	17.30	31	18.07
SEP 10	16.44	JAN 03, 1975	18.33	NOV 05	18.39	NOV 27	18.27
OCT 31	17.42	10	18.43	DEC 18	18.69	DEC 27	17.97
DEC 10	18.01	FEB 19	17.92	JAN 06, 1981	18.72	JAN 29, 1986	18.06
JAN 13, 1970	17.68	APR 11	16.86	FEB 05	18.98	FEB 26	17.55
28	17.35	MAY 16	16.36	MAR 04	18.78	MAR 27	17.44
MAR 16	16.90	JUN 18	16.23	APR 06	18.44	MAY 27	18.19
APR 28	15.90	AUG 08	16.52	MAY 06	18.30	JUN 26	18.60
JUN 15	16.46	OCT 03	17.10	JUN 16	18.13	JUL 28	18.95
JUL 27	17.06	20	17.41	JUL 17	18.37	AUG 29	19.17
SEP 17	17.81	NOV 19	17.33	AUG 18	18.45	OCT 21	19.54
OCT 14	17.14	JAN 05, 1976	17.08	SEP 28	18.79	NOV 26	19.68
NOV 20	18.07	MAR 03	16.56	OCT 27	19.05	DEC 29	19.64
JAN 08, 1971	18.37	APR 05	16.60	NOV 23	19.17		
FEB 18	17.74	MAY 20	17.32	DEC 28	19.26		
MAR 22	16.83	JUN 30	17.93	FEB 10, 1982	18.74		
MAY 06	16.80	AUG 12	18.37	MAR 25	17.69		


WI Cf 147
WATER LEVEL, IN FEET BELOW LAND SURFACE
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20
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1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986

WELL NUMBER.--WI Cg 20 SITE ID.--382329075263701
LOCATION.--Lat 38°23'29", long 75°26'37", Hydrologic Unit 02060009, 1.45 mi. east of Parsonsburg on south side of MD Rt. 346.
Owner: Maryland State Highway Administration.
AQUIFER.--Parsonsburg Sand.
WELL CHARACTERISTICS.--Driven unused water-table well, depth 25 ft, casing diameter 1.25 in.
DATUM.--Altitude of land-surface datum is 68 ft. Measuring point: Top of 2-in. sleeve, 0.17 ft above land-surface datum.
PERIOD OF RECORD.--August 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.84 ft below land-surface datum, Jan. 31, 1950; lowest measured, 8.68 ft below land-surface datum, Oct. 10, 1980.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 01, 1949	6.18	JUL 14, 1955	5.37	AUG 03, 1961	5.02	DEC 05, 1967	4.98
31	6.78	SEP 06	4.20	SEP 01	5.19	JAN 04, 1968	4.19
SEP 29	5.82	28	4.36	OCT 04	5.32	FEB 20	4.87
OCT 25	5.07	NOV 09	4.49	NOV 03	4.87	MAR 27	4.39
NOV 29	4.50	DEC 08	4.79	DEC 08	4.33	MAY 01	4.87
DEC 31	4.81	JAN 12, 1956	4.64	JAN 05, 1962	4.33	JUN 01	5.20
JAN 31, 1950	3.84	FEB 02	4.77	FEB 09	4.27	JUL 11	4.76
FEB 27	4.41	MAR 01	4.76	MAR 08	3.96	AUG 16	6.86
MAR 30	4.25	APR 06	4.82	APR 04	4.06	OCT 07	8.03
APR 25	4.75	MAY 03	4.91	MAY 11	4.99	NOV 14	7.69
MAY 25	4.49	JUN 08	4.98	JUN 08	6.01	JAN 03, 1969	6.03
JUL 21	5.84	JUL 05	5.06	JUL 05	6.11	20	6.12
30	6.31	AUG 02	4.88	AUG 08	6.26	FEB 27	4.65
AUG 30	7.46	SEP 07	5.94	SEP 07	6.40	APR 03	4.59
SEP 29	6.42	OCT 05	6.34	OCT 12	7.82	MAY 08	4.87
OCT 26	7.01	NOV 01	5.81	NOV 13	6.83	JUN 06	6.15
NOV 29	5.86	DEC 07	4.69	DEC 12	6.48	JUL 28	5.83
DEC 26	5.60	JAN 08, 1957	4.56	JAN 11, 1963	4.78	SEP 10	4.64
JAN 30, 1951	4.98	FEB 11	4.06	FEB 15	4.71	OCT 31	6.48
FEB 27	4.72	MAR 07	4.21	MAR 08	4.27	DEC 10	5.68
MAR 29	4.77	APR 04	4.62	APR 09	4.60	JAN 13, 1970	4.37
MAY 01	5.10	MAY 02	5.00	MAY 03	5.07	29	4.27
JUN 06	5.01	29	6.16	JUN 11	4.33	MAR 17	4.75
29	5.75	JUL 08	6.99	JUL 19	6.37	APR 27	4.26
SEP 04	6.19	AUG 20	8.11	SEP 06	7.89	JUN 15	6.17
OCT 01	6.53	SEP 11	7.66	OCT 10	6.99	JUL 27	4.90
NOV 02	6.08	OCT 11	7.71	NOV 20	6.30	SEP 16	6.38
29	4.60	NOV 15	6.06	DEC 17	5.03	OCT 14	7.03
DEC 28	4.21	DEC 10	4.66	JAN 21, 1964	4.14	NOV 20	4.63
JAN 31, 1952	4.02	JAN 16, 1958	4.27	FEB 24	4.17	JAN 07, 1971	4.15
FEB 29	4.23	FEB 11	4.49	APR 01	4.37	FEB 18	4.31
MAR 31	4.32	MAR 07	4.42	MAY 01	4.36	MAR 23	4.47
APR 28	4.40	APR 08	4.10	JUN 06	6.15	MAY 06	5.07
JUN 02	4.40	MAY 09	3.85	JUL 06	7.24	JUN 15	4.89
JUL 01	6.08	JUN 06	4.55	AUG 04	7.38	JUL 27	6.38
31	7.51	JUL 03	4.82	SEP 09	8.32	NOV 11	4.50
AUG 29	4.77	AUG 06	5.20	OCT 14	6.95	DEC 07	4.10
SEP 29	6.27	SEP 10	4.92	NOV 05	6.77	JAN 04, 1972	4.56
OCT 30	6.81	OCT 03	4.92	DEC 04	6.14	FEB 10	4.32
DEC 01	4.80	NOV 07	4.39	JAN 04, 1965	5.53	MAR 07	4.19
30	4.59	DEC 05	4.32	FEB 01	4.92	APR 04	4.43
JAN 30, 1953	4.35	31	4.35	MAR 01	4.86	MAY 02	4.55
FEB 26	4.19	MAR 06, 1959	4.60	APR 01	4.57	JUN 06	4.55
MAR 31	4.36	APR 03	4.26	MAY 03	4.71	JUL 11	4.23
MAY 01	4.50	MAY 08	4.97	JUN 03	5.94	SEP 13	4.94
29	5.50	JUN 08	5.14	JUL 01	5.94	OCT 12	4.37
JUN 30	6.20	JUL 01	6.96	AUG 01	6.20	NOV 15	3.92
JUL 31	5.87	AUG 07	4.96	SEP 02	4.91	DEC 06	4.02
AUG 31	4.49	SEP 04	4.87	OCT 02	4.62	JAN 08, 1973	4.16
OCT 02	6.26	OCT 14	6.37	NOV 01	5.46	FEB 07	4.13
30	6.77	NOV 13	5.13	DEC 01	6.14	MAR 06	4.51
DEC 02	5.46	JAN 08, 1960	4.05	JAN 06, 1966	5.95	13	4.32
JAN 05, 1954	5.08	FEB 05	4.54	FEB 15	4.82	APR 05	4.16
28	4.41	MAR 01	4.29	MAR 17	4.77	MAY 09	4.47
FEB 25	4.71	APR 12	4.54	APR 25	4.65	JUN 12	5.55
MAR 30	4.68	MAY 05	5.24	JUN 07	4.52	JUL 18	6.22
MAY 07	4.44	JUN 07	5.31	08	4.68	AUG 09	7.00
JUN 02	4.64	JUL 07	5.47	JUL 28	6.59	SEP 05	4.86
JUL 01	6.40	AUG 04	5.75	SEP 02	7.87	OCT 18	5.92
31	7.39	SEP 07	6.00	NOV 17	7.29	NOV 08	5.79
SEP 07	7.27	OCT 11	5.84	DEC 14	7.47	DEC 22	4.39
OCT 01	6.11	NOV 04	4.37	JAN 04, 1967	5.99	JAN 09, 1974	4.04
NOV 04	6.00	DEC 08	4.80	FEB 03	5.63	FEB 14	4.41
DEC 11	5.12	JAN 06, 1961	4.25	MAR 03	4.55	MAR 13	4.64
28	4.80	FEB 03	4.81	APR 05	4.92	APR 23	4.56
FEB 01, 1955	5.41	MAR 07	4.28	MAY 11	4.78	JUN 05	4.73
MAR 01	4.48	APR 07	4.28	JUN 29	5.79	JUL 18	7.00
30	4.66	MAY 05	4.68	AUG 24	3.97	AUG 21	5.26
APR 27	4.82	JUN 02	4.39	SEP 20	4.54	OCT 04	5.98
JUN 01	5.44	27	4.52	NOV 05	5.35	NOV 19	6.33

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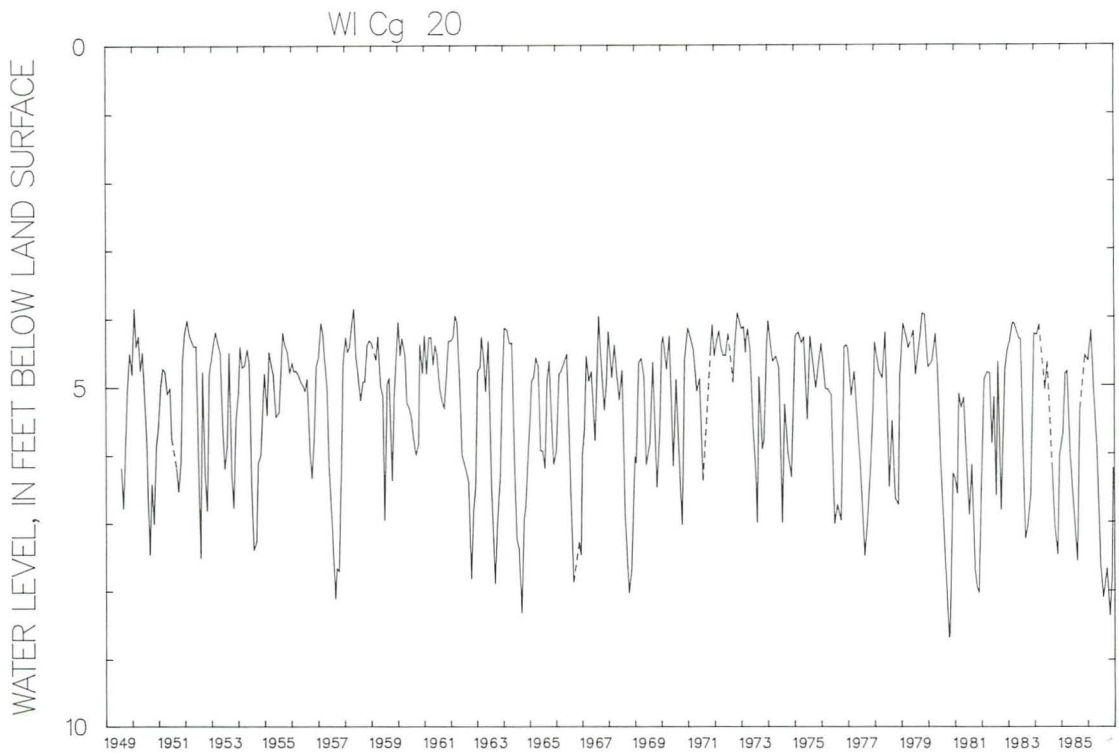
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03, 1975	4.70	MAR 02, 1978	4.77	MAR 31, 1981	5.32	DEC 27, 1983	4.24
16	4.27	APR 17	4.89	MAY 04	5.17	FEB 03, 1984	4.26
FEB 26	4.21	MAY 31	4.21	JUN 16	6.21	MAR 07	4.11
APR 11	4.37	JUL 19	6.48	JUL 17	6.89	MAY 23	5.05
MAY 14	4.28	AUG 30	5.51	AUG 21	6.15	JUN 27	4.65
JUN 26	5.49	OCT 10	6.65	SEP 29	7.59	AUG 29	6.14
AUG 07	4.27	NOV 21	6.74	30	7.68	OCT 05	7.07
OCT 02	4.84	DEC 15	4.85	OCT 27	7.95	NOV 13	7.48
21	5.03	JAN 05, 1979	4.52	NOV 23	8.03	DEC 14	6.03
NOV 19	4.77	30	4.09	DEC 28	6.52	JAN 29, 1985	5.68
JAN 05, 1976	4.38	MAR 16	4.30	FEB 10, 1982	4.90	FEB 26	4.83
MAR 02	5.04	APR 11	4.45	MAR 23	4.80	MAR 26	4.79
APR 05	5.05	JUN 18	4.20	APR 27	4.82	MAY 07	5.97
MAY 19	5.13	JUL 17	4.84	MAY 27	5.84	JUN 26	6.83
JUN 30	7.02	SEP 17	4.29	JUN 24	5.16	AUG 12	7.57
AUG 10	6.74	OCT 17	3.94	JUL 22	6.61	SEP 18	5.34
SEP 27	6.97	NOV 20	3.96	AUG 19	4.65	NOV 26	4.56
NOV 15	4.43	JAN 03, 1980	4.73	SEP 27	6.82	JAN 08, 1986	4.64
DEC 13	4.40	FEB 28	4.64	NOV 24	4.75	FEB 18	4.19
JAN 04, 1977	4.46	APR 15	4.24	DEC 27	4.47	MAR 24	5.03
FEB 17	5.14	MAY 12	4.68	JAN 25, 1983	4.36	MAY 09	5.89
MAR 31	4.79	JUN 25	6.16	MAR 08	4.08	JUN 26	7.65
MAY 12	5.51	AUG 18	7.51	30	4.09	JUL 28	8.10
JUN 20	6.18	OCT 10	8.68	MAY 31	4.30	SEP 17	7.68
AUG 15	7.49	20	8.61	JUN 27	4.33	OCT 28	8.36
SEP 19	7.02	DEC 09	6.28	JUL 27	5.87	NOV 26	7.79
NOV 08	6.15	JAN 05, 1981	6.36	AUG 26	7.24	DEC 15	6.22
DEC 12	5.37	FEB 05	6.58	SEP 26	7.06		
JAN 06, 1978	4.36	27	5.11	NOV 09	6.59		



WELL NUMBER.--WO Bg 1 SITE ID.--382022075072401
LOCATION.--Lat 38°20'22", long 75°07'24", Hydrologic Unit 02060010, 0.4 mi east of Herring Creek on U.S. Rt. 50.
Owner: MD State Highway Administration.
AQUIFER.--Sinepuxent Formation.
WELL CHARACTERISTICS.--Driven water-table well, depth 14 ft; casing diameter 1.25 in. with depth to 14 ft.
DATUM.--Altitude of land-surface datum is 5 ft. Measuring point: Top of casing, 0.25 ft above land-surface datum.
PERIOD OF RECORD.--August 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.41 ft below land-surface datum, March 8, 1962; lowest measured, 8.61 ft below land-surface datum, May 14, 1986.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
AUG 16, 1949	6.47	JUN 08, 1956	3.94	MAY 11, 1962	4.14	NOV 14, 1968	4.91
31	6.40	JUL 05	5.82	JUN 08	4.96	JAN 03, 1969	3.87
SEP 29	6.39	AUG 02	4.09	JUL 05	5.01	20	3.83
OCT 25	5.37	SEP 07	4.80	AUG 08	5.75	FEB 27	2.94
NOV 29	4.25	OCT 05	4.82	SEP 07	5.91	APR 03	3.71
DEC 31	4.72	NOV 01	4.00	OCT 12	4.07	MAY 08	3.94
JAN 31, 1950	4.77	DEC 07	4.03	NOV 13	3.46	JUN 06	4.81
FEB 27	3.73	JAN 08, 1957	3.81	DEC 12	3.82	JUL 18	5.08
MAR 30	3.64	FEB 11	3.22	JAN 11, 1963	3.50	SEP 10	3.19
APR 25	4.93	MAR 07	2.90	FEB 15	3.23	OCT 31	4.38
MAY 25	3.36	APR 04	3.65	MAR 08	2.98	DEC 10	3.36
JUL 01	5.34	MAY 02	4.16	APR 09	3.89	JAN 13, 1970	3.40
30	4.91	29	4.87	MAY 03	3.97	29	3.64
AUG 30	6.05	JUL 08	5.80	JUN 11	3.67	MAR 17	3.60
SEP 29	4.83	AUG 20	3.95	JUL 19	5.55	APR 27	3.19
OCT 26	5.15	SEP 11	4.64	SEP 06	5.76	JUN 15	4.40
NOV 29	3.83	OCT 11	4.39	OCT 10	5.14	JUL 27	3.95
DEC 26	4.15	NOV 15	3.85	NOV 20	4.75	SEP 17	5.60
JAN 30, 1951	4.00	DEC 10	2.61	DEC 17	3.73	OCT 14	5.74
FEB 27	3.68	JAN 16, 1958	2.53	JAN 21, 1964	2.86	NOV 20	3.83
MAY 01	3.93	FEB 11	3.77	FEB 24	3.31	JAN 07, 1971	3.22
31	4.24	MAR 07	3.45	APR 01	3.29	FEB 16	3.29
JUL 06	4.64	APR 08	2.84	MAY 01	3.25	MAR 23	3.39
29	5.30	MAY 08	3.11	JUN 06	5.00	MAY 06	3.85
SEP 04	5.82	JUN 06	3.74	JUL 06	6.13	JUN 15	3.99
OCT 01	6.10	JUL 03	4.87	AUG 04	6.04	JUL 27	4.72
NOV 02	5.16	AUG 05	5.17	SEP 09	5.11	NOV 04	2.76
28	3.98	SEP 10	4.34	OCT 14	4.71	DEC 07	3.33
DEC 28	3.43	OCT 03	3.84	NOV 05	4.91	JAN 04, 1972	3.35
JAN 30, 1952	3.10	NOV 07	3.98	DEC 04	3.60	FEB 10	3.43
FEB 29	3.25	DEC 05	3.78	JAN 04, 1965	3.80	29	3.05
MAR 31	3.52	31	2.99	FEB 01	3.50	MAR 01	3.09
APR 28	2.90	FEB 05, 1959	3.35	MAR 01	3.68	07	3.20
JUN 02	2.85	MAR 06	2.83	APR 01	3.49	APR 04	3.38
JUL 02	5.20	APR 03	2.72	MAY 03	3.81	MAY 02	3.49
31	6.35	MAY 08	4.16	JUN 03	4.69	16	2.58
AUG 29	5.70	JUN 08	4.29	JUL 01	4.60	JUN 05	3.60
SEP 29	6.20	JUL 01	5.85	AUG 01	4.80	06	3.56
OCT 30	6.06	AUG 07	4.37	SEP 02	4.02	JUL 06	2.83
DEC 01	4.09	SEP 04	5.03	OCT 02	4.25	AUG 03	3.96
30	3.98	OCT 14	5.36	NOV 01	4.26	29	3.99
JAN 30, 1953	3.59	NOV 13	4.08	DEC 01	4.62	SEP 13	4.14
FEB 26	3.51	JAN 08, 1960	3.19	JAN 06, 1966	3.85	25	4.55
MAR 31	3.56	FEB 05	3.50	FEB 15	2.67	OCT 12	3.53
MAY 01	3.09	MAR 01	2.84	MAR 17	3.70	25	3.50
29	4.57	APR 12	3.78	APR 25	3.65	NOV 15	2.56
JUN 30	4.90	MAY 05	4.29	JUN 07	3.91	DEC 04	3.13
JUL 31	6.29	JUN 07	4.02	JUL 28	5.72	06	3.06
AUG 31	4.60	JUL 06	4.37	SEP 02	6.08	JAN 04, 1973	2.57
OCT 02	5.65	AUG 04	4.65	OCT 18	5.69	08	3.14
30	5.04	SEP 07	4.08	NOV 17	5.77	FEB 07	2.73
DEC 02	3.94	OCT 11	4.14	DEC 14	5.03	MAR 06	2.98
JAN 05, 1954	3.84	NOV 04	3.30	JAN 04, 1967	4.19	28	2.64
28	3.08	DEC 08	3.95	FEB 03	4.32	APR 05	2.76
FEB 25	3.19	JAN 06, 1961	3.47	MAR 03	3.50	MAY 08	2.66
MAR 30	3.63	FEB 03	3.68	APR 05	3.78	22	3.36
MAY 07	3.69	MAR 07	3.50	MAY 11	3.57	JUN 12	4.22
JUN 02	4.25	APR 07	3.60	JUN 29	4.77	JUL 13	3.67
JUL 01	5.53	MAY 05	3.77	AUG 24	2.57	18	3.97
31	6.03	JUN 02	3.96	SEP 20	3.80	AUG 09	4.29
SEP 07	6.47	29	3.61	NOV 05	4.29	SEP 05	4.39
OCT 01	5.99	AUG 03	3.84	DEC 05	3.35	OCT 07	4.99
NOV 04	4.62	SEP 01	4.03	JAN 04, 1968	3.04	18	4.94
DEC 11	3.66	OCT 04	4.17	FEB 20	3.87	NOV 08	4.77
28	3.72	NOV 03	4.32	MAR 27	3.44	DEC 22	2.71
JAN 13, 1956	2.65	DEC 08	4.44	MAY 01	3.80	JAN 04, 1974	2.94
FEB 02	3.62	JAN 05, 1962	3.18	JUN 01	4.00	09	2.56
MAR 01	3.67	FEB 09	3.24	JUL 11	3.75	FEB 14	3.24
APR 06	3.89	MAR 08	1.41	AUG 16	5.59	MAR 06	3.50
MAY 03	3.62	APR 04	3.39	OCT 07	6.17	13	3.19

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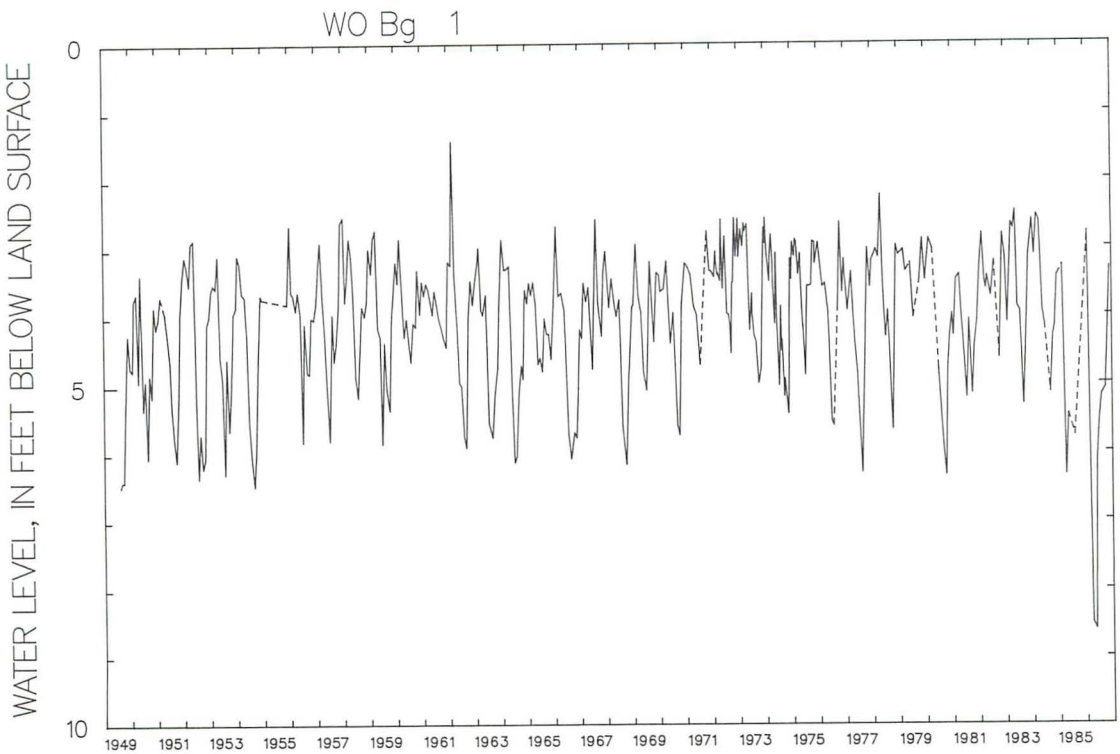
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR 01, 1974	2.81	MAY 19, 1976	3.95	JAN 03, 1980	3.49	APR 27, 1983	2.74
23	3.22	JUL 02	5.54	FEB 26	2.88	MAY 27	2.47
MAY 22	4.12	26	5.61	APR 15	3.03	JUN 21	3.88
JUN 05	3.08	SEP 27	3.91	JUL 02	4.79	JUL 26	3.95
19	4.10	28	3.91	AUG 20	5.65	SEP 12	5.31
JUL 17	5.02	OCT 27	2.63	SEP 05	5.94	OCT 27	3.97
18	4.97	NOV 26	3.66	OCT 08	6.35	NOV 21	3.12
AUG 12	3.86	DEC 22	3.17	NOV 06	4.73	JAN 12, 1984	2.60
21	4.52	JAN 04, 1977	3.44	DEC 05	4.28	FEB 08	3.12
SEP 26	5.18	FEB 09	3.93	JAN 05, 1981	3.98	MAR 15	2.53
OCT 04	4.92	MAR 30	3.36	22	4.31	APR 18	2.63
NOV 19	5.43	MAY 16	4.38	FEB 05	4.07	MAY 29	3.94
21	5.39	JUN 21	4.84	MAR 02	3.48	JUN 27	4.15
DEC 18	3.16	AUG 16	6.30	APR 16	3.41	SEP 13	5.14
JAN 03, 1975	3.47	SEP 20	5.04	MAY 11	3.93	OCT 18	4.32
16	2.92	NOV 08	3.01	JUN 17	4.57	NOV 13	4.16
FEB 11	3.13	DEC 13	3.59	JUL 22	5.21	DEC 14	3.44
26	2.88	JAN 06, 1978	3.19	AUG 26	4.07	FEB 27, 1985	3.28
MAR 12	2.92	MAR 06	3.03	OCT 01	5.00	APR 11	6.35
APR 09	3.40	APR 07	3.15	08	5.15	MAY 16	5.45
MAY 06	3.09	MAY 10	2.23	NOV 05	4.46	AUG 09	5.77
14	3.50	JUN 08	3.51	DEC 14	4.09	FEB 06, 1986	2.79
JUN 10	4.18	JUL 11	4.32	JAN 19, 1982	3.27	MAR 31	8.51
12	4.14	12	4.32	FEB 24	2.80	MAY 14	8.61
JUL 09	4.87	AUG 15	3.93	MAR 30	3.51	JUN 06	6.12
AUG 07	3.57	OCT 13	5.67	APR 16	3.62	JUL 11	5.49
SEP 11	3.57	DEC 06	2.97	MAY 04	3.43	AUG 08	5.18
OCT 02	3.55	JAN 05, 1979	3.12	JUN 22	3.73	OCT 03	5.08
21	2.91	MAR 13	3.04	AUG 09	3.21	DEC 04	3.31
NOV 17	2.93	APR 12	3.36	OCT 13	4.63		
20	3.24	JUN 14	3.24	NOV 30	2.81		
JAN 05, 1976	2.93	JUL 27	4.04	JAN 05, 1983	3.16		
MAR 02	3.58	OCT 18	3.50	FEB 02	4.12		
APR 08	3.53	NOV 28	2.88	MAR 29	2.65		



WELL NUMBER.--WC Dd 7 SITE ID.--381037075234301
LOCATION.--Lat 38°10'37", long 75°23'43", Hydrologic Unit 02060009, nr intersection of Green and Commerce Sts., Snow Hill.
Owner: City of Snow Hill.
AQUIFER.--Manokin aquifer.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 290 ft; casing diameter 6 in.
DATUM.--Altitude of land-surface datum is 13 ft. Measuring point: Top of casing extension, 0.40 ft below land-surface datum.
PERIOD OF RECORD.--July 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.63 ft below land-surface datum, March 8, 1962; lowest measured, 38.02 ft below land-surface datum, Sept. 17, 1970.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 03, 1958	11.42	AUG 04, 1964	8.42	JUL 27, 1971	27.89	NOV 29, 1978	15.51
AUG 06	10.38	SEP 09	10.88	NOV 04	25.26	DEC 20	14.10
SEP 10	11.42	OCT 14	9.97	DEC 07	22.07	JAN 05, 1979	13.83
OCT 03	11.25	NOV 05	6.23	JAN 04, 1972	22.63	FEB 05	13.24
NOV 07	9.33	DEC 04	5.55	FEB 10	24.09	MAR 16	13.63
DEC 05	9.13	JAN 04, 1965	4.65	MAR 07	22.74	APR 18	10.23
31	8.94	FEB 01	5.41	APR 04	21.75	JUN 14	9.17
FEB 06, 1959	10.48	MAR 01	5.03	MAY 02	24.47	JUL 19	10.42
MAR 06	6.50	APR 01	5.53	JUN 06	24.12	SEP 10	8.97
APR 03	5.88	MAY 03	9.13	JUL 11	25.78	OCT 17	7.25
MAY 08	5.60	JUN 03	14.83	SEP 13	26.43	NOV 20	7.60
JUN 09	10.60	JUL 01	14.46	OCT 12	27.54	JAN 03, 1980	9.03
JUL 01	8.90	AUG 01	14.19	NOV 15	26.06	FEB 26	7.00
AUG 07	9.04	SEP 02	19.16	DEC 06	24.50	APR 09	4.02
SEP 04	9.83	OCT 02	15.95	JAN 08, 1973	22.98	MAY 12	4.52
OCT 14	4.38	NOV 01	11.74	FEB 07	20.97	JUN 27	9.31
NOV 13	3.32	DEC 01	12.69	MAR 06	21.80	AUG 20	8.05
JAN 08, 1960	2.35	JAN 06, 1966	13.73	APR 05	22.77	OCT 24	7.91
FEB 05	2.46	FEB 15	8.70	MAY 09	23.19	DEC 15	7.47
MAR 01	2.80	MAR 17	10.06	JUN 11	26.12	JAN 05, 1981	6.09
APR 12	3.03	APR 25	11.15	JUL 18	26.13	FEB 06	6.51
MAY 05	3.52	JUN 07	14.74	AUG 10	28.15	MAR 03	7.16
JUN 07	5.44	JUL 28	26.44	SEP 05	26.05	APR 02	8.08
JUL 06	5.77	SEP 02	31.73	OCT 18	25.56	MAY 07	8.26
AUG 04	7.07	OCT 18	23.35	NOV 08	23.34	JUN 08	9.50
SEP 07	8.36	NOV 17	19.57	DEC 22	23.69	JUL 14	11.28
OCT 11	6.25	DEC 14	20.94	JAN 09, 1974	21.69	AUG 18	9.40
NOV 04	5.00	JAN 04, 1967	15.04	FEB 14	23.10	SEP 22	8.49
DEC 08	2.40	FEB 03	16.19	MAR 13	20.81	OCT 21	6.78
JAN 06, 1961	2.72	MAR 03	16.73	APR 23	22.27	NOV 25	6.09
FEB 03	4.42	APR 05	18.17	JUN 05	22.64	JAN 06, 1982	5.99
MAR 07	2.18	MAY 11	20.60	JUL 18	26.34	FEB 17	8.65
APR 07	2.00	JUN 29	29.75	AUG 21	23.54	MAR 25	12.06
MAY 05	2.59	AUG 24	29.69	OCT 04	17.06	APR 21	11.32
JUN 02	1.71	SEP 20	31.27	NOV 19	13.46	JUN 22	14.23
29	4.03	NOV 05	22.97	JAN 03, 1975	10.29	JUL 13	14.90
AUG 04	5.18	DEC 05	23.44	15	9.68	AUG 18	13.71
SEP 01	5.64	JAN 04, 1968	24.84	FEB 20	7.87	SEP 22	13.93
OCT 04	3.31	FEB 20	21.70	APR 10	7.19	NOV 17	14.83
NOV 03	2.15	MAR 27	23.91	MAY 15	7.82	DEC 27	11.60
DEC 08	1.76	MAY 01	23.06	JUN 12	9.39	JAN 25, 1983	3.96
JAN 05, 1962	1.96	JUN 01	22.07	AUG 07	7.98	MAR 08	15.58
FEB 09	2.38	JUL 11	27.68	SEP 23	6.26	30	15.47
MAR 08	1.63	AUG 16	34.34	OCT 21	6.66	MAY 17	17.00
APR 04	1.80	OCT 07	27.99	NOV 17	5.44	JUN 16	18.64
MAY 11	2.47	NOV 14	24.80	JAN 05, 1976	6.44	AUG 22	14.82
JUN 08	5.00	JAN 03, 1969	27.53	MAR 02	5.58	SEP 26	12.35
JUL 05	6.34	21	26.78	APR 05	6.22	NOV 09	10.61
AUG 08	7.50	FEB 27	27.21	MAY 19	6.87	DEC 15	9.90
SEP 07	7.40	APR 03	23.06	JUL 02	11.09	JAN 26, 1984	9.52
OCT 12	3.43	MAY 08	29.66	AUG 11	7.79	FEB 27	10.44
NOV 13	2.27	JUN 06	35.83	SEP 21	6.65	APR 17	8.42
DEC 12	2.01	JUL 18	33.66	NOV 16	5.43	MAY 23	8.27
JAN 11, 1963	3.30	SEP 10	30.55	DEC 13	5.70	JUN 27	8.41
FEB 15	4.11	OCT 31	31.30	JAN 04, 1977	5.92	AUG 28	12.09
MAR 08	3.29	DEC 17	24.74	FEB 09	8.98	SEP 27	9.74
APR 09	3.40	JAN 13, 1970	27.63	MAR 30	7.25	OCT 31	10.03
MAY 03	4.47	29	29.30	MAY 12	7.11	DEC 11	9.34
JUN 11	5.57	MAR 17	27.30	JUN 20	8.42	JAN 29, 1985	9.84
JUL 19	17.82	APR 27	24.97	AUG 15	10.57	FEB 27	10.71
SEP 06	7.23	JUN 15	31.66	SEP 19	7.21	MAR 26	10.55
OCT 10	5.70	JUL 27	30.30	NOV 07	6.72	MAY 06	11.87
NOV 20	4.60	SEP 17	38.02	DEC 12	8.13	JUN 26	12.48
DEC 17	4.84	OCT 14	37.32	JAN 06, 1978	6.20	AUG 12	12.30
JAN 21, 1964	4.43	NOV 20	29.92	FEB 27	15.28	SEP 13	11.52
FEB 24	4.50	JAN 06, 1971	25.01	APR 17	16.63	NOV 19	9.92
APR 01	4.26	FEB 16	27.96	MAY 30	18.26	JAN 06, 1986	11.32
MAY 01	4.77	MAR 23	27.34	JUN 28	22.88	FEB 10	12.20
JUN 06	7.98	MAY 06	27.78	AUG 30	19.78	MAR 28	10.63
JUL 06	19.81	JUN 15	26.55	OCT 06	20.99	MAY 06	13.15

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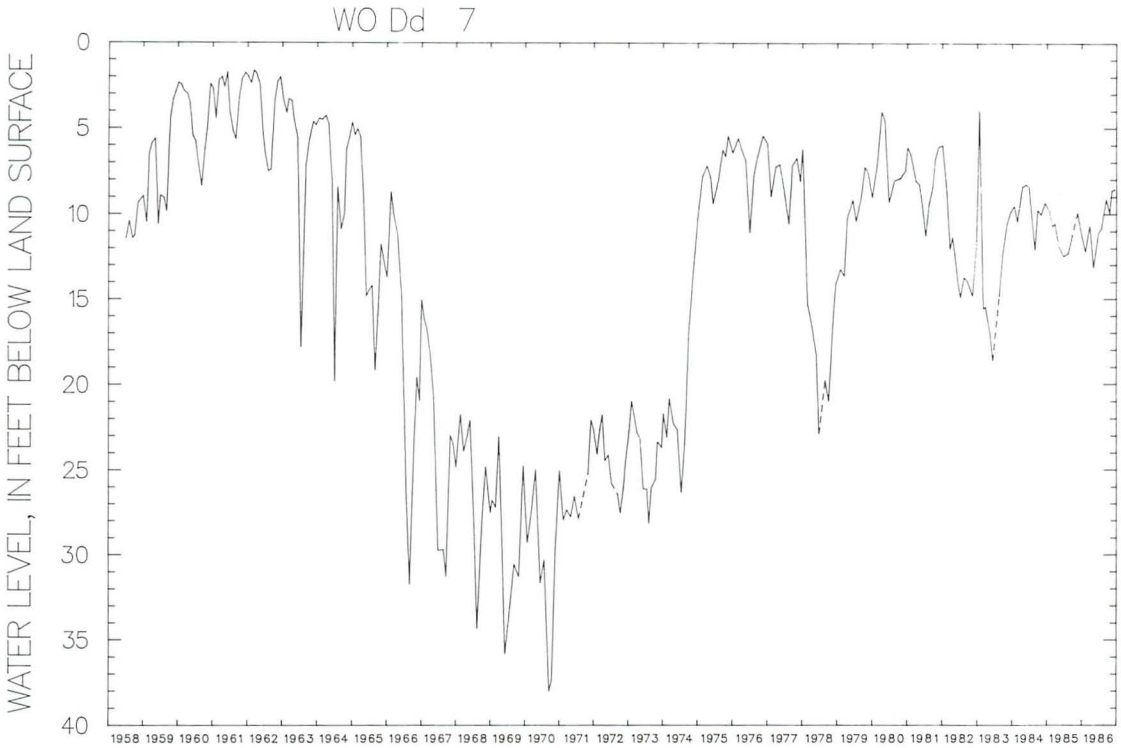
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 26, 1986	11.10	SEP 15, 1986	9.13	NOV 13, 1986	8.63		
JUL 28	10.84	OCT 21	9.94	DEC 12	8.57		



WELL NUMBER.--WO Fb 2 SITE ID.--380408075335701
LOCATION.--Lat 38°04'08", long 75°33'57", Hydrologic Unit 02060009. nr 7th and Young Sts., Pocomoke City.
Owner: City of Pocomoke.
AQUIFER.--Pocomoke aquifer.
WELL CHARACTERISTICS.--Drilled unused artesian well, depth 130 ft; casing diameter 16 in. from 0 to 100 ft; casing diameter 10 in. from 0 to 100 ft; screen diameter 9.5 in. from 100 to 130 ft.
DATUM.--Altitude of land-surface is 15 ft. Measuring point: Top of 1.5 in. casing extension, 3.4 ft above land-surface datum.
REMARKS.--Water level reported 30 ft below land-surface datum Oct. 3, 1947; water-level may be affected by nearby pumpage.
PERIOD OF RECORD.--January 1953 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.61 ft below land-surface datum, Feb. 20, 1953; lowest measured, 49.70 ft below land-surface datum, July 1, 1954.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 12, 1953	25.68	DEC 31, 1958	33.92	FEB 01, 1965	27.08	MAY 02, 1972	25.57
FEB 20	21.61	FEB 05, 1959	34.01	MAR 01	25.88	JUN 06	26.19
MAR 30	22.46	MAR 05	34.22	APR 01	26.44	JUL 11	25.78
MAY 01	22.56	APR 02	36.38	MAY 03	26.28	SEP 13	25.55
29	25.02	MAY 07	38.96	JUN 03	31.49	OCT 12	25.32
JUN 30	27.37	JUN 09	40.17	JUL 01	30.60	NOV 15	25.44
JUL 31	49.31	JUL 02	45.12	AUG 01	31.20	DEC 06	25.34
AUG 31	48.53	AUG 08	32.52	SEP 02	32.10	JAN 08, 1973	24.66
OCT 02	38.85	SEP 04	40.97	OCT 02	30.51	FEB 07	23.88
30	36.45	OCT 14	32.29	NOV 01	30.06	MAR 06	23.68
DEC 02	46.65	NOV 12	27.25	DEC 01	29.36	APR 05	24.06
JAN 05, 1954	24.32	JAN 08, 1960	25.32	JAN 06, 1966	28.89	MAY 09	24.96
28	44.49	FEB 05	26.97	FEB 15	28.65	JUN 11	27.19
FEB 25	24.70	MAR 01	33.75	MAR 18	27.79	JUL 17	27.74
MAR 30	43.50	APR 11	25.05	APR 26	26.70	AUG 10	26.93
MAY 07	26.20	MAY 05	28.02	JUN 08	28.71	SEP 04	29.51
JUN 02	28.90	JUN 06	38.25	AUG 01	31.71	OCT 16	28.68
JUL 01	49.70	JUL 07	30.29	SEP 02	33.29	NOV 08	28.21
31	45.13	AUG 04	32.67	OCT 18	30.72	DEC 22	28.76
SEP 07	30.92	SEP 07	31.59	NOV 17	29.82	JAN 09, 1974	26.32
OCT 01	41.10	OCT 11	30.16	DEC 14	33.34	FEB 14	27.22
NOV 04	29.22	NOV 04	28.06	JAN 04, 1967	28.67	MAR 13	26.58
DEC 11	27.37	DEC 09	31.73	FEB 03	28.52	APR 22	28.14
28	27.35	JAN 06, 1961	27.32	MAR 03	28.15	JUN 05	26.51
FEB 01, 1955	25.53	FEB 03	27.79	APR 05	28.22	JUL 18	30.45
MAR 01	25.49	MAR 07	26.36	MAY 17	24.56	AUG 21	28.48
30	24.88	APR 07	26.32	JUN 29	28.06	OCT 04	28.54
APR 27	24.87	MAY 05	26.61	AUG 24	29.69	NOV 18	30.97
JUN 01	29.72	JUN 01	27.59	SEP 20	28.74	JAN 03, 1975	29.57
JUL 11	40.70	30	29.15	NOV 05	27.57	15	28.98
SEP 06	28.47	AUG 04	44.94	DEC 05	26.75	FEB 20	27.37
28	27.58	31	46.66	JAN 04, 1968	26.23	APR 10	27.70
NOV 09	25.78	OCT 04	43.75	FEB 20	24.43	MAY 15	29.19
DEC 08	24.70	NOV 03	29.83	MAR 27	24.12	JUN 19	28.95
JAN 13, 1956	25.75	DEC 07	26.68	MAY 01	24.11	AUG 07	29.38
FEB 02	24.63	JAN 04, 1962	29.45	JUN 01	26.24	SEP 23	29.08
MAR 01	24.01	FEB 08	27.00	JUL 11	27.57	OCT 21	28.54
APR 06	24.75	MAR 07	32.11	AUG 16	30.52	NOV 17	28.07
MAY 03	25.00	APR 03	36.93	OCT 03	31.41	JAN 05, 1976	28.01
JUN 07	25.67	MAY 11	36.86	NOV 14	28.43	MAR 01	27.21
JUL 05	47.87	JUN 08	39.17	JAN 03, 1969	28.07	APR 05	27.53
AUG 02	27.78	JUL 06	39.38	21	26.49	MAY 19	27.25
SEP 06	28.60	AUG 07	45.42	FEB 27	25.77	JUL 01	30.08
OCT 04	28.04	SEP 06	37.81	APR 03	25.04	AUG 11	30.37
NOV 01	26.22	OCT 11	39.72	MAY 08	25.72	SEP 21	32.34
DEC 06	26.58	NOV 07	38.33	JUN 06	27.58	NOV 16	29.47
JAN 08, 1957	24.34	DEC 12	38.79	JUL 17	28.65	DEC 13	28.74
FEB 11	25.10	JAN 11, 1963	34.45	SEP 10	29.13	JAN 04, 1977	29.27
MAR 07	24.22	FEB 15	34.89	OCT 31	30.83	FEB 09	26.93
APR 05	24.01	MAR 07	35.08	DEC 17	27.38	MAR 30	26.10
MAY 02	38.62	APR 08	31.80	JAN 13, 1970	27.57	MAY 12	27.41
29	43.14	MAY 03	34.60	29	27.29	JUN 20	27.65
JUL 08	44.94	JUN 11	36.15	APR 27	25.85	AUG 15	30.77
AUG 20	32.73	JUL 19	43.76	JUN 15	26.67	SEP 19	29.47
SEP 11	46.22	SEP 05	40.67	JUL 27	27.99	NOV 07	27.60
OCT 10	46.60	OCT 08	37.04	SEP 17	30.62	DEC 12	27.73
NOV 14	33.76	NOV 20	40.40	OCT 15	29.29	JAN 06, 1978	24.52
DEC 10	29.30	DEC 17	45.22	NOV 20	31.13	FEB 27	24.28
JAN 15, 1958	34.11	JAN 21, 1964	27.09	JAN 06, 1971	27.62	APR 17	24.93
FEB 11	26.69	FEB 24	26.45	FEB 16	27.39	MAY 30	25.94
MAR 06	32.94	APR 01	24.59	MAR 23	26.94	JUL 19	27.94
APR 08	34.71	MAY 01	26.01	MAY 06	26.46	AUG 30	26.53
MAY 09	26.68	JUN 06	42.53	JUN 15	25.76	OCT 06	27.48
JUN 06	37.15	JUL 06	42.40	JUL 27	34.43	NOV 29	26.07
JUL 03	35.06	AUG 04	40.80	NOV 04	27.61	DEC 20	25.73
AUG 05	32.90	SEP 09	32.90	DEC 07	25.75	JAN 05, 1979	25.51
SEP 09	32.99	OCT 14	25.46	JAN 04, 1972	26.13	FEB 02	25.09
OCT 02	32.62	NOV 05	28.07	FEB 10	27.45	MAR 16	25.61
NOV 06	38.63	DEC 04	26.56	MAR 07	25.70	APR 18	25.59
DEC 04	29.34	JAN 04, 1965	27.06	APR 04	27.51	JUN 14	25.95

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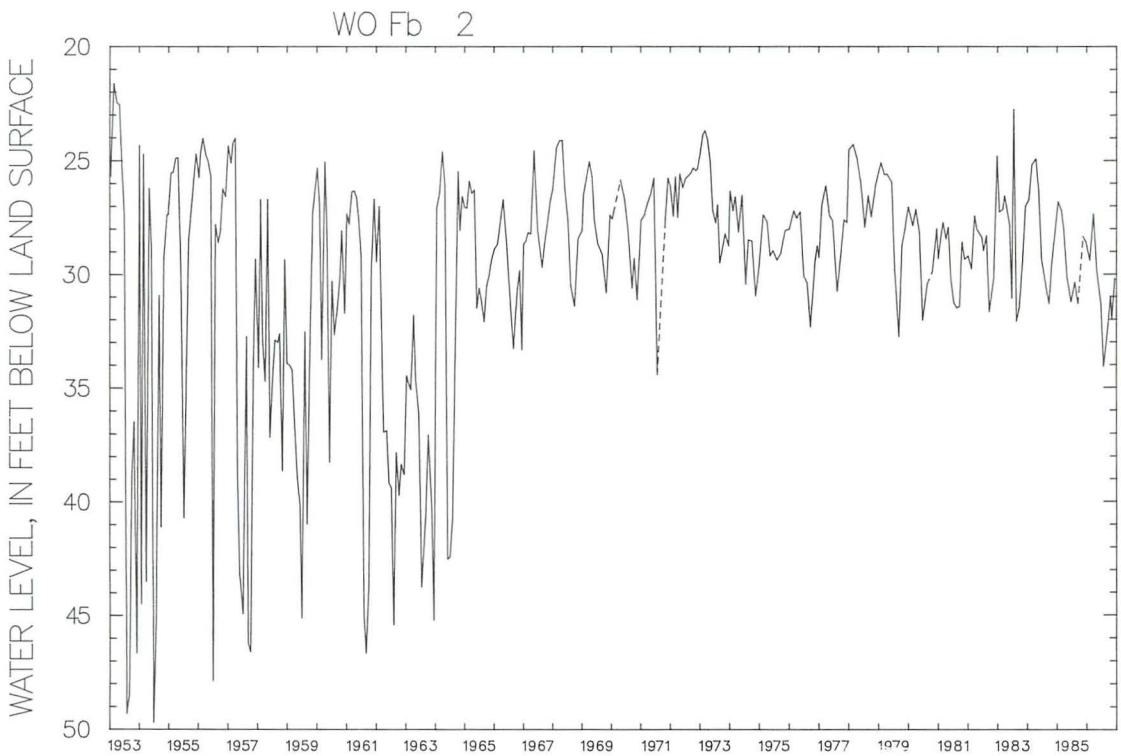
DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUL 19, 1979	29.75	JUL 14, 1981	31.28	MAY 31, 1983	27.83	MAR 26, 1985	28.01
SEP 10	32.78	AUG 18	31.50	JUN 27	31.08	MAY 06	30.16
OCT 17	28.77	SEP 22	31.43	JUL 19	22.73	JUN 24	31.24
NOV 20	28.07	OCT 21	28.57	AUG 22	32.09	AUG 09	30.35
JAN 03, 1980	27.03	NOV 24	29.35	SEP 26	31.49	SEP 16	31.31
FEB 26	27.87	JAN 06, 1982	29.20	NOV 07	29.40	NOV 18	28.35
APR 02	27.15	FEB 17	29.77	DEC 12	27.01	DEC 26	28.60
MAY 17	28.17	MAR 25	27.42	JAN 23, 1984	26.71	FEB 10, 1986	29.39
JUN 25	32.05	APR 21	28.01	FEB 28	25.20	MAR 26	27.34
AUG 20	30.45	JUN 22	28.38	APR 17	24.92	MAY 06	29.87
OCT 24	29.87	JUL 13	28.97	MAY 21	26.36	JUN 26	31.36
DEC 15	27.98	AUG 18	28.30	JUN 27	29.38	JUL 28	34.08
JAN 05, 1981	29.33	SEP 22	31.67	AUG 28	30.75	SEP 15	32.44
FEB 06	28.33	NOV 17	30.18	SEP 26	31.31	OCT 21	30.97
MAR 03	27.72	DEC 27	24.78	OCT 30	29.52	NOV 05	32.02
APR 08	28.45	JAN 25, 1983	27.27	DEC 10	28.12	DEC 11	30.21
MAY 05	27.92	MAR 08	27.15	JAN 16, 1985	26.81		
JUN 08	30.30	30	26.55	FEB 25	27.20		



MARYLAND GEOLOGICAL SURVEY
2300 St. Paul Street
Baltimore, Maryland 21218

Basic Data Reports:

1. Records of wells and springs in Baltimore County, Maryland, by C. P. Laughlin, 1966, 406 p. ..... $ 3.50*
2. Records of wells and springs, chemical analyses, and selected well logs in Charles County, Maryland, by T. H. Slaughter and C. P. Laughlin, 1966, 93 p. ..... $ 4.00
3. Hydrogeologic data from the Janes Island State Park test well (1,514 feet), Somerset County, Maryland, by H. J. Hansen, 1967, 24 p. ..... $ 2.50
4. Southern Maryland—Records of selected wells, water levels, and chemical analyses, by J. M. Weigle and W. E. Webb, 1970, 48 p. ..... $ 3.50*
5. Deep wells of Maryland, by J. Edwards, Jr., 1970, 162 p. ..... $ 3.00
6. Worcester County ground-water information: well records, pumpage, chemical-quality data, and selected well logs, compiled by R. C. Lucas, 1972, 90 p. ..... $ 3.75
7. Harford County ground-water information: well records, pumpage, and chemical-quality data, compiled by L. J. Nutter and M. J. Smigaj, 1975, 89 p. ..... $ 3.75
8. Anne Arundel County ground-water information: selected well records, chemical-quality data, pumpage, appropriation data, and selected well logs, compiled by R. C. Lucas, 1976, 149 p. ..... $ 5.00
9. Interstitial water chemistry of Chesapeake Bay sediments, by O. P. Bricker, G. Matisoff, and G. R. Holdren, Jr., 1977, 67 p. ..... $ 2.50
10. Maryland ground-water information: chemical-quality data, compiled by R. S. Woll, 1978, 126 p. ..... $ 9.50
11. Garrett County water well records, chemical-quality data, ground-water use, coal test-hole data, and surface-water data, compiled by L. J. Nutter, M. J. Smigaj, and L. L. Knobel; with a section on gas-well records, compiled by K. A. Schwarz and J. Edwards, Jr., 1980, 102 p. ..... $ 7.00
12. Carroll County ground-water information: well records, spring records, and chemical-quality data, compiled by J. T. Hilleary and J. M. Weigle, 1981, 252 p. ..... $ 9.50
13. Prince George's County ground-water information: well records, chemical-quality data, pumpage, appropriation data, observation well records, and well logs, compiled by M. D. Tompkins, 1983, 160 p. . $ 8.50
14. Records of selected wells, Calvert and St. Mary's Counties, Maryland, compiled by D. D. Drummond, 1983, 117 p. $12.25
15. Ground-water and surface-water data for Frederick County, Maryland, compiled by J. R. Dine, M. D. Tompkins, and M. T. Duigon, 1985, 240 p. $14.25
16. Hydrologic data for Cecil County, Maryland, compiled by R. E. Willey, R. A. McGregor, J. de Grouchy, and M. D. Tompkins, 1987, 150 p. $15.00
17. Ground-water levels from the Maryland observation-well network, 1943–86, by M. J. Smigaj and R. G. Davis, Jr., 1987, 234 p. $10.25

*available as microfiche copy