



Water-Data Report 2013

382215075041901 Local number WO Bh 84

Northern Atlantic Coastal Plain aquifer system
Beaverdam Sand

Worcester County, MD

LOCATION.--Lat 38°22'15", long 75°04'20" referenced to North American Datum of 1927, Worcester County, MD, Hydrologic Unit 02060010, west end of 44th St., Ocean City.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 89 ft. Upper casing diameter 4 in; top of first opening 84 ft, bottom of last opening 89 ft. Drilled, observation, water-table well.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.55 ft above land-surface datum, May 30, 1991, to present.

PERIOD OF RECORD.--April 1973 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Ocean City Groundwater Monitoring Network observation well. Water levels are affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.51 ft below land surface, March 26, 2013; lowest measured, 6.34 ft below land surface, September 17, 1991.

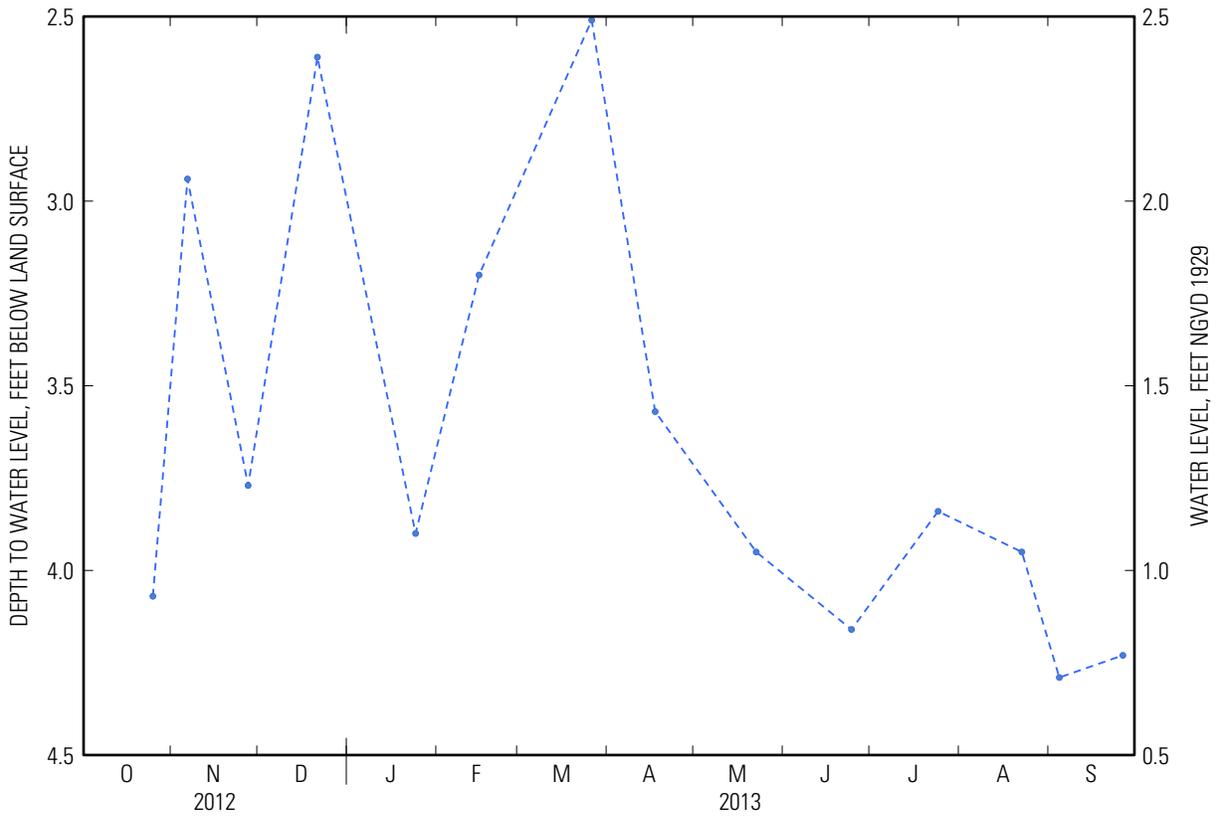
**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[Measurement method: T, electric tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 25	4.07	T	--	Apr 17	3.57	T	--
Nov 6	2.94	T	--	May 22	3.95	T	--
27	3.77	T	--	Jun 24	4.16	T	--
Dec 21	2.61	T	--	Jul 24	3.84	T	--
Jan 24	3.90	T	--	Aug 22	3.95	T	--
Feb 15	3.20	T	--	Sep 4	4.29	T	--
Mar 26	2.51	T	--	26	4.23	T	--

Water year 2013 highest: 2.51, Mar 26, 2013; lowest: 4.29, Sep 4, 2013

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Intermittent records have been collected at this location; water year 1973 to current year.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 1 of 2

[ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Sample date-time	Medium name	Sample type	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Flow rate, instantaneous, gallons per minute (00059)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Pump or flow period prior to sampling, minutes (72004)
09-04-2013 1225	Groundwater	Regular	4.29	< 1.0	30.0	6.6	427	16.4	10

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 2 of 2

[ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than]

Sample date-time	Sampling depth, ft (00003)	Sampler type (84164)	Sampling condition (72006)	Sampling method (82398)	Chloride, water, filtered, mg/L (00940)
09-04-2013 1225	40.0	Sbmrsbl centrifugal	Pumping	Submersible pump	53.0