



Water-Data Report 2011

383730075213501 Local number Pf24-02

Northern Atlantic Coastal Plain aquifer system
Beaverdam Sand

Sussex County, DE

LOCATION.--Lat 38°38'37.1", long 75°21'34.6" referenced to North American Datum of 1983, Sussex County, DE, Hydrologic Unit 02060010, at southwest corner of U.S. Route 113 (Dupont Boulevard) and Breasure Road.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 49 ft. Upper casing diameter 4 in; top of first opening 46 ft, bottom of last opening 49 ft. Drilled, observation, water-table well.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum, Jan. 27, 1970, to present.

PERIOD OF RECORD.--January 1970 to April 1993, June 1998 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with graphic water-level recorder from January 1970 to January 1982.

REMARKS.--Delaware Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.53 ft below land surface, March 10, 1979; lowest measured, 14.68 ft below land surface, September 2, 1999.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 28	12.14	T	--	Apr 27	10.39	T	--
Nov 24	11.96	T	--	May 25	10.83	T	--
Dec 22	11.94	T	--	Jun 28	11.68	T	--
Jan 26	11.42	T	--	Jul 21	12.17	T	--
Feb 24	10.68	T	--	Aug 31	11.11	T	--
Mar 28	9.93	T	--	Sep 28	11.12	T	--

Water year 2011 highest: 9.93, Mar 28, 2011; lowest: 12.17, Jul 21, 2011

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