



Water-Data Report 2011

383250076405304 Local number PG Hf 44

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco Formation

Prince Georges County, MD

LOCATION.--Lat 38°32'50", long 76°40'53" referenced to North American Datum of 1927, Prince Georges County, MD, Hydrologic Unit 02060006, south of Eagle Harbor.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,545 ft. Upper casing diameter 3 in; top of first opening 1,025 ft, bottom of last opening 1,030 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 9.58 ft above North American Vertical Datum of 1988. Measuring point: Top of 1 inch pipe inside 6 inch protective casing, 2.65 ft above land-surface datum, Feb. 12, 2007, to present.

PERIOD OF RECORD.--June 1973, July 1975 to current year.

GAGE.--Water level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--15-minute recorder interval from June 1995 to July 2004.

REMARKS.--Southern Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by local and regional groundwater withdrawal. This well has a 1 in. diameter well (PG Hf 32) inside the 3 in. casing, separated by a packer and screened in the Lower Patapsco Formation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.85 ft above sea level, June 24, 1973; lowest measured, 63.55 ft below sea level, September 2, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
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 7	-58.08	T	--	Apr 26	-58.46	T	--
Nov 18	-53.62	T	--	Jun 16	-59.95	T	--
Dec 22	-61.32	T	--	Aug 2	-64.57	T	--
Feb 3	-60.87	T	--	Sep 7	-63.67	T	--
Mar 17	-57.64	T	--				

Water year 2011 lowest: -64.57, Aug 2, 2011, highest: -53.62, Nov 18, 2010

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