



Water-Data Report 2012

383830077135502 Local number 53T 2 SOW 029

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Prince William County, VA

LOCATION.--Lat 38°38'30", long 77°13'55" referenced to North American Datum of 1927, Prince William County, VA, Hydrologic Unit 02070010, at U.S. Army Woodbridge Research Facility, 1.5 mi east of Woodbridge. Owner: U.S. Fish and Wildlife Service.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 162 ft. Upper casing diameter 6.00 in; top of first opening 130 ft, bottom of last opening 156 ft. Drilled unused water well, screened 130 to 156 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 2.00 ft above land-surface datum, Mar. 1, 1970, to present.

PERIOD OF RECORD.--March 1970 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

GAGE.--Occasional measurement with chalked tape by USGS personnel. Oct. 1, 1996 to Sept. 30, 1999, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Sept. 25, 1985, to Oct. 1, 1996, bimonthly measurement with chalked tape. Prior to Sept. 25, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Lower Potomac aquifer of Cretaceous age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.48 ft below land-surface datum, Jan. 26, 2010; lowest measured, 10.35 ft below land-surface datum, Oct. 12, 1977.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[Measurement method: S, steel 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	1.80	S	--	Apr 24	2.35	S	--
Jan 24	1.98	S	--	Jun 27	2.30	S	--

Water year 2012 highest: 1.80, Oct 25, 2011; lowest: 2.35, Apr 24, 2012

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