

Water-Data Report 2012

382341077032401 Local number 54R 2

Northern Atlantic Coastal Plain aquifer system
Patapsco Formation

King George County, VA

LOCATION.--Lat 38°23'41", long 77°03'24" referenced to North American Datum of 1927, King George County, VA, Hydrologic Unit 02070011, 50 ft southeast of steep bank of the Potomac River, 150 ft west of State Highway 687, 1.5 mi west of the intersection of U.S. Highway 301 and State Highway 614, 1.9 mi north of the intersection of State Highways 629 and 687, and near Dahlgren.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 806 ft. Upper casing diameter 4.00 in; top of first opening 781 ft, bottom of last opening 801 ft. Drilled withdrawal water well, diameter 2 in. from 210 to 806 ft, screened 781 to 801 ft.

DATUM.--Land-surface datum is 70 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.00 ft above land-surface datum, Dec. 14, 1971, to present.

PERIOD OF RECORD.--October 1969 to current year. Unpublished records available prior to October 1988 in files of the USGS.

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Water level affected by regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 70.00 ft below land-surface datum, Oct. 15, 1969; lowest measured, 149.45 ft below land-surface datum, July 26, 2011.

**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 24	148.70	S	--	Apr 23	147.96	S	--
Jan 23	147.98	S	--	Jun 26	148.10	S	--

Water year 2012 highest: 147.96, Apr 23, 2012; lowest: 148.70, Oct 24, 2011

382341077032401 Local number 54R 2—Continued

