

Water-Data Report 2012

374328077012801 Local number 54K 6 SOW 064

Northern Atlantic Coastal Plain aquifer system
Patapsco Formation

King and Queen County, VA

LOCATION.--Lat 37°43'28", long 77°01'28" referenced to North American Datum of 1927, King and Queen County, VA, Hydrologic Unit 02080105, 100 ft west of State Highway 629, 0.2 mi southeast of Walkerton, and 0.25 mi south of intersection of State Highways 629 and 634.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 390 ft. Upper casing diameter 6.00 in; top of first opening 341 ft, bottom of last opening 387 ft. Drilled unused water well, diameter 4 in. from 66 to 390 ft, screened 341 to 372 ft, 376 to 387 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.30 ft above land-surface datum, Nov. 18, 1985, to present.

PERIOD OF RECORD.--August 1972 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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 Virginia Department of Environmental Quality - Water Division personnel. Oct. 3, 1985, to July 11, 1995, bimonthly measurement with chalked tape. Apr. 30, 1979, to Oct. 2, 1985, occasional measurement with chalked tape. Jan. 5, 1974, to Apr. 30, 1979, continuous strip-chart recorder. Prior to Jan. 5, 1974, occasional measurement with chalked tape.

REMARKS.--Well is located in Middle Potomac aquifer of Cretaceous age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage and regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.82 ft. below land-surface datum, Aug. 1, 1972; lowest measured, 65.87 ft. below land-surface datum, Aug. 8, 2012.

**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
Nov 1	63.02	S	--	May 15	63.07	S	--
Feb 9	62.41	S	--	Aug 8	65.87	S	--

Water year 2012 highest: 62.41, Feb 9, 2012; lowest: 65.87, Aug 8, 2012

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