



Water-Data Report 2012

374142076272701 Local number 59K 9

Northern Atlantic Coastal Plain aquifer system
Upper Cretaceous Series

Lancaster County, VA

LOCATION.--Lat 37°41'42", long 76°27'27" referenced to North American Datum of 1927, Lancaster County, VA, Hydrologic Unit 02080104, on the south bank of Moran Creek, 1,000 ft northwest of the intersection of State Highway 630 and a private dirt drive, 0.8 mi west of Wesley Church, 3.0 mi north of Weems, 4.0 mi west of Kilmarnock and the intersection of State Highways 629 and 630, and near Weems.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 585 ft. Upper casing diameter 4.00 in; top of first opening 565 ft, bottom of last opening 580 ft. Drilled withdrawal water well, diameter 2 in. from 147 to 585 ft, screened 565 to 580 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.20 ft above land-surface datum, Dec. 16, 1971, to present.

PERIOD OF RECORD.--September 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 Unpublished records available prior to October 1988 in files of the USGS.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 Brightseat-Upper Potomac aquifer of Cretaceous-Paleocene age. Water level affected by regional drawdown.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.00 ft below land-surface datum, Sept. 16, 1969; lowest measured, 91.45 ft below land-surface datum, July 9, 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
Oct 11	88.20	S	--	Apr 25	88.00	S	--
Jan 17	87.40	S	--	Jul 9	91.45	S	--

Water year 2012 highest: 87.40, Jan 17, 2012; lowest: 91.45, Jul 9, 2012

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