

Water-Data Report 2012

**370254080374401 Local number 25E 1 SOW 009**

Valley and Ridge aquifers  
Elbrook Formation

Pulaski County, VA

LOCATION.--Lat 37°02'54", long 80°37'44" referenced to North American Datum of 1927, Pulaski County, VA, Hydrologic Unit 05050001, 300 ft east of State Highway 100, 0.3 mi south of intersection of State Highways 682 and 700, and 1.1 mi south of Dublin. Owner: Commonwealth of Virginia.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 318 ft. Upper casing diameter 6.00 in; top of first opening 56 ft, bottom of last opening 318 ft. Drilled unused water well, cased to 56 ft, open hole 56 to 318 ft.

DATUM.--Land-surface datum is 1,875 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.00 ft above land-surface datum, Oct. 21, 1969, to present.

PERIOD OF RECORD.--October 1969 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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. 1, 1985, to Oct. 1, 1996, bimonthly measurement with chalked tape. Prior to Oct. 1, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Elbrook Formation of Middle to Late Cambrian age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water from this well is known to contain concentrations of dissolved solids greater than 1,000 mg/L.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.15 ft below land-surface datum, Mar. 31, Apr. 30, 1975; lowest measured, 27.25 ft below land-surface datum, Dec. 13, 1976.

**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 4  | 23.01       | S                   | --                 | Feb 28 | 22.70       | S                   | --                 |
| Jan 25 | 22.49       | S                   | --                 | Jun 13 | 22.35       | S                   | --                 |

Water year 2012 highest: 22.35, Jun 13, 2012; lowest: 23.01, Oct 4, 2011

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