



Water-Data Report 2012

364732080070301 Local number 30C 1 SOW 010

Piedmont and Blue Ridge crystalline-rock aquifers
Lynchburg Formation

Patrick County, VA

LOCATION.--Lat 36°47'32", long 80°07'03" referenced to North American Datum of 1927, Patrick County, VA, Hydrologic Unit 03010103, 300 ft west of State Highway 623, 1.0 mi northeast of intersection of State Highways 57 and 623, and 6.2 mi west of Philpott. Owner: Commonwealth of Virginia.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 250 ft. Upper casing diameter 6.25 in; top of first opening 45 ft, bottom of last opening 50 ft. Drilled unused water well, cased to 9 ft, open hole 9 to 250 ft.

DATUM.--Land-surface datum is 1,055 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 0.50 ft above land-surface datum, May 3, 1967, to present.

PERIOD OF RECORD.--May 1966 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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 Oct. 1, 1999, 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 Lynchburg Group of Late Proterozoic age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.98 ft below land-surface datum, Mar. 23, 1993; lowest measured, 27.00 ft below land-surface datum, Oct. 2, 2002.

**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 21	20.94	S	--	Apr 17	15.36	S	--
Jan 12	17.25	S	--	Jul 12	16.50	S	--

Water year 2012 highest: 15.36, Apr 17, 2012; lowest: 20.94, Oct 21, 2011

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