



Water-Data Report 2012

372514078394301 Local number 41H 2

Piedmont and Blue Ridge crystalline-rock aquifers
Wissahickon Schist

Appomattox County, VA

LOCATION.--Lat 37°25'14", long 78°39'43" referenced to North American Datum of 1927, Appomattox County, VA, Hydrologic Unit 02080207, 1.0 mi south of intersection of State Highway 636 on the east side of State Highway 640, 2.8 mi southeast of Sliders. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 73 ft. Upper casing diameter 3.00 in; top of first opening 68 ft, bottom of last opening 73 ft. Augered observation water well, diameter 1.25 in. from 68 to 73 ft, screened 68 to 73 ft.

DATUM.--Land-surface datum is 640 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.50 ft above land-surface datum, Mar. 1, 1970, to present.

PERIOD OF RECORD.--March 1970 to current year. Unpublished records available prior to October 1977 in files of the USGS.

GAGE.--Occasional measurement with chalked tape by USGS personnel. August 1970 to October 1974, digital recorder, 60-minute punch. Prior to August 1970, occasional measurement with chalked tape.

REMARKS.--Well is located in saprolite of metagraywacke, quartzose schist, and melange of Cambrian age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.56 ft below land-surface datum, May 11, 1998; lowest measured, 53.30 ft below land-surface datum, Oct. 2, 2009.

**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 12	46.36	S	--	Apr 16	45.00	S	--
Jan 13	46.01	S	--	Jun 28	44.97	S	--

Water year 2012 highest: 44.97, Jun 28, 2012; lowest: 46.36, Oct 12, 2011

372514078394301 Local number 41H 2—Continued

