



Water-Data Report 2012

372543079295401 Local number 35H 1 SOW 226

Piedmont and Blue Ridge crystalline-rock aquifers
Paleozoic-Precambrian Erathems

Bedford County, VA

LOCATION.--Lat 37°25'42.86", long 79°29'54.11" referenced to North American Datum of 1983, Bedford County, VA, Hydrologic Unit 03010101, 0.7 mi west of intersection of State Highways 122 and 643 and 150 ft east of entrance to Otterville solid waste collection facility, on State Highway 643. Owner: Bedford County.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 181 ft. Upper casing diameter 6.62 in; top of first opening 38 ft, bottom of last opening 169 ft. Drilled observation well, cased to 19.23 ft, open hole 19.23 to 181 ft.

DATUM.--Land-surface datum is 940 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF RECORDER SHELF, 1.90 ft above land-surface datum, Sept. 27, 2008, to present.

PERIOD OF RECORD.--September 2008 to October 2011 (discontinued).

GAGE.--Electronic data logger and pressure transducer, 15-minute record interval.

REMARKS.--Well is located in leucocratic granite gneiss of Late Proterozoic age. Records provided by the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.38 ft below land-surface datum, June 29, 2011; lowest recorded, 19.94 ft below land-surface datum, Nov. 11, 12, 13, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level, 15.33 ft below land surface datum, Oct. 14, 16; lowest water level, 15.77 ft below land surface datum, Oct. 12.

**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	Measurement method	Water-level status
Oct 7	15.68	S	--

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	15.60	15.43	---	---	---	---	---	---	---	---	---	---
2	15.59	15.45	---	---	---	---	---	---	---	---	---	---
3	15.59	15.47	---	---	---	---	---	---	---	---	---	---
4	15.63	15.50	---	---	---	---	---	---	---	---	---	---
5	15.65	15.53	---	---	---	---	---	---	---	---	---	---
6	15.67	15.54	---	---	---	---	---	---	---	---	---	---
7	15.69	15.55	---	---	---	---	---	---	---	---	---	---
8	15.71	15.57	---	---	---	---	---	---	---	---	---	---
9	15.74	15.57	---	---	---	---	---	---	---	---	---	---
10	15.76	15.58	---	---	---	---	---	---	---	---	---	---
11	15.76	15.60	---	---	---	---	---	---	---	---	---	---
12	15.77	15.42	---	---	---	---	---	---	---	---	---	---
13	15.60	15.34	---	---	---	---	---	---	---	---	---	---
14	15.51	15.33	---	---	---	---	---	---	---	---	---	---
15	15.53	15.35	---	---	---	---	---	---	---	---	---	---
16	15.55	15.33	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	---	---	---	---	---	---	---	---	---	---	---	---
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4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

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