



Water-Data Report 2009

391122078102401 Local number 45X 8.

Valley and Ridge aquifers
 Conococheague Formation
 Winchester City, VA

LOCATION.--Lat 39°11'22.20", long 78°10'24.22" referenced to North American Datum of 1983, Winchester City, VA, Hydrologic Unit 02070004, 980 ft north of the intersection of Selma Drive and U.S. Highway 50.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 280 ft. Upper casing diameter 6.00 in; top of first opening 145 ft, bottom of last opening 276 ft. Drilled water well, cased to 23 ft, open hole 23 to 280 ft.

DATUM.--Land-surface datum is 825 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF STEEL CASING, INDICATED BY BLACK ARROW, 0.70 ft above land-surface datum, May 30, 2001, to present.

PERIOD OF RECORD.--May 2001 to September 2009 (discontinued).

GAGE.--Occasional measurement with chalked tape by USGS personnel.

REMARKS.--Well is located in Conococheague Limestone of Upper Cambrian to Lower Ordovician age.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 79.55 ft below land-surface datum, Mar. 27, 2003; lowest measured, 109.04 ft below land-surface datum, Nov. 14, 2001.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[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
Jan 16	98.22	S	--	Sep 23	99.82	S	--

Water year 2009 highest: 98.22 Jan 16, 2009; lowest: 99.82 Sep 23, 2009