

Water-Data Report 2012

363916077201001 Local number 52B 8 SOW 178A

Early Mesozoic basin aquifers
Newark Group

Southampton County, VA

LOCATION.--Lat 36°39'16", long 77°20'10" referenced to North American Datum of 1927, Southampton County, VA, Hydrologic Unit 03010204, 0.25 mi northeast of State Highway 661, 0.6 mi south of the intersection of State Highways 652 and 661, and 4.5 mi southeast of Drewryville. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 316 ft. Upper casing diameter 4.00 in; top of first opening 285 ft, bottom of last opening 295 ft. Drilled observation water well, screened 285 to 295 ft.

DATUM.--Land-surface datum is 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.60 ft above land-surface datum, Mar. 1, 1988, to present.

PERIOD OF RECORD.--March 1988 to current year.

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

REMARKS.--Well is located in Newark Supergroup sandstone of Jurassic and Triassic age. Water level may be affected by regional drawdown. 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, 69.29 ft below land-surface datum, Jan. 27, 2005; lowest measured, 72.56 ft below land-surface datum, Oct. 19, 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 3	70.52	S	--	Apr 3	69.91	S	--
Jan 25	70.31	S	--	Jul 10	69.60	S	--

Water year 2012 highest: 69.60, Jul 10, 2012; lowest: 70.52, Oct 3, 2011

363916077201001 Local number 52B 8 SOW 178A—Continued

