



Water-Data Report 2008

372315076415001 Local number 57H 14 SOW 095.

Northern Atlantic Coastal Plain aquifer system
 Upper Chesapeake Group
 James City County, VA

LOCATION.--Lat 37°23'15", long 76°41'50" referenced to North American Datum of 1927, James City County, VA, Hydrologic Unit 02080107, 500 ft north of State Highway 606, 0.8 mi east of intersection of State Highway 606 and 646, and 3.3 mi east of Croaker. Owner: Virginia Department of Environmental Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 4.00 in; top of first opening 118 ft, bottom of last opening 123 ft. Drilled unused water well, screened 118 to 123 ft.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.40 ft above land-surface datum, Mar. 3, 1988, to present.

PERIOD OF RECORD.--September 1978 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 Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.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 Virginia Department of Environmental Quality - Water Division personnel. Sept. 30, 1985, to July 10, 1995, bimonthly measurement with chalked tape. Prior to Sept. 30, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Yorktown-Eastover aquifer of Miocene-Pliocene age. Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by local pumpage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.00 ft below land-surface datum, Sept. 21, 1978; lowest measured, 56.18 ft below land-surface datum, May 6, 2003.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

[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 29	52.09	S	--	May 1	52.98	S	--
Jan 22	52.42	S	--	Jul 23	53.43	S	--

Water year 2008 highest: 52.09 Oct 29, 2007; lowest: 53.43 Jul 23, 2008

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