



Water-Data Report 2012

364731076355501 Local number 58C 61 SOW 159A

Northern Atlantic Coastal Plain aquifer system
Quaternary System

Suffolk City, VA

LOCATION.--Lat 36°47'31", long 76°35'55" referenced to North American Datum of 1927, Suffolk City, VA, Hydrologic Unit 02080208, 0.5 mi northwest of intersection of State Highways 622 and 634, 2.3 mi northwest of Elephant Fork. Owner: Virginia Department of Environmental Quality.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 2.00 in; top of first opening 20 ft, bottom of last opening 25 ft. Drilled observation water well, screened 20 to 25 ft, sounded to 17.50 ft on Jul. 8, 1985, redrilled to 25 ft on May 15, 1990.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: TOP OF CASING, 1.55 ft above land-surface datum, June 25, 1990, to present.

PERIOD OF RECORD.--June 1981 to current year. Unpublished records available prior to October 1985 in files of the Virginia Department of Environmental Quality - Water Division.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. Oct. 7, 1985, to July 26, 1995, bimonthly measurement with chalked tape. Prior to Oct. 7, 1985, occasional measurement with chalked tape.

REMARKS.--Well is located in Columbia aquifer of Quaternary age. Records provided by the Virginia Department of Environmental Quality - Water Division. Well reported dry several days in 1985-1990.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.95 ft below land-surface datum, Apr. 19, 1984; lowest measured, 18.70 ft below land-surface datum, Oct. 11, 1995.

**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
Dec 13	17.80	S	--	Jun 15	17.25	S	--
Feb 23	17.64	S	--	Aug 14	17.52	S	--

Water year 2012 highest: 17.25, Jun 15, 2012; lowest: 17.80, Dec 13, 2011

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