



Water-Data Report 2010

**363255076261202 Local number CA-095 GREAT DISMAL SWAMP (SURFICIAL)**

Northern Atlantic Coastal Plain aquifer system  
 Quaternary System  
 Camden County, NC

LOCATION.--Lat 36°32'55.3", long 76°26'11.6" referenced to North American Datum of 1983, Camden County, NC, Hydrologic Unit 03010205, in Great Dismal Swamp Wildlife Refuge.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 7.10 ft. Upper casing diameter 2.0 in; top of first opening 6.1 ft, bottom of last opening 7.1 ft. Open interval is a gravel pack extending up from the bottom of an open pipe.

DATUM.--Land-surface datum is 17.53 ft above North American Vertical Datum of 1988. Measuring point: MP IS TOC, 2.95 ft above land-surface datum, May 19, 2009, to present.

PERIOD OF RECORD.--June 2009 to current year.

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

REMARKS.--Well is located in Columbia aquifer of Quaternary age. Previously unpublished record for Water Year 2009 included in the table below.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.14 ft below land-surface datum, Mar. 9, 2010; lowest measured, 1.25 ft below land-surface datum, July 27, 2010.

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

[Measurement method: S, steel tape; T, electric tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Jun 18	.45	S	--	Sep 15	1.03	T	--
Aug 14	1.07	T	--				

Water year 2009 highest: .45, Jun 18, 2009; lowest: 1.07, Aug 14, 2009

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM  
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: T, electric tape. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 23	.95	T	--	Mar 17	.16	T	--
Nov 9	1.10	T	--	Apr 28	.50	T	--
Dec 11	.45	T	--	Jun 22	.82	T	--
Mar 9	.14	T	--	Jul 27	1.25	T	--

Water year 2010 highest: .14, Mar 9, 2010; lowest: 1.25, Jul 27, 2010

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