



Water-Data Report 2011

391142077280601 Local number MO Cb 26

Piedmont and Blue Ridge carbonate-rock aquifers
Manassas Sandstone

Montgomery County, MD

LOCATION.--Lat 39°11'42", long 77°28'06" referenced to North American Datum of 1927, Montgomery County, MD, Hydrologic Unit 02070008, 2.9 mi southwest of Dickerson, at Dickerson Regional Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 885 ft. Upper casing diameter 6 in; top of first opening 38 ft, bottom of last opening 885 ft. Drilled, observation, artesian well; open hole below 38 ft.

DATUM.--Land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 8.60 ft above land-surface datum, Feb. 1991 to present.

PERIOD OF RECORD.--February 1991 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, flowing on many dates; lowest measured, 3.57 ft above land surface, August 28, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
(READINGS ABOVE LAND SURFACE INDICATED BY "+")
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: T, electric tape; O, observed. Water-level status: --, static; F, site was flowing
Water level or head could not be measured without additional equipment; C, water level frozen (no
water level was recorded).]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 26	+5.40	T	--	Apr 26		O	F
Nov 23	+5.53	T	--	May 24		O	F
Dec 22	+5.52	T	--	Jun 28	+7.43	T	--
Jan 25		O	C	Jul 21	+6.65	T	--
Feb 24		O	C	Aug 18	+6.02	T	--
Mar 22		O	F	Sep 20		O	F

Water year 2011 highest: flowing, many dates; lowest: +5.40, Oct 26, 2010