



Water-Data Report 2011

390303076463201 Local number AA Cb 1

Northern Atlantic Coastal Plain aquifer system
Patuxent Formation

Anne Arundel County, MD

LOCATION.--Lat 39°03'00.4", long 76°46'32.7" referenced to North American Datum of 1983, Anne Arundel County, MD, Hydrologic Unit 02060006, near the intersection of Wildlife Loop S and Duvall Bridge Rd, Patuxent Wildlife Research Center.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 505 ft. Upper casing diameter 6 in; top of first opening 485 ft, bottom of last opening 505 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 129.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelter platform, 3.35 ft above land-surface datum, Mar. 28, 1962, to present.

PERIOD OF RECORD.--March 1962 to current year.

GAGE.--Water-level measurements by U.S. Geological Survey personnel. Equipped with digital water-level recorder--60-minute recorder interval from July 1984 to April 2004.

REMARKS.--Maryland Groundwater-Level Monitoring Network observation well. Water levels are affected by local groundwater withdrawal.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.50 ft above sea level, May 1, 1962; lowest measured, 30.63 ft above sea level, September 30, 2002 (recorder).

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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
Apr 26	41.49	T	--	Sep 20	34.95	T	--

Water year 2011 lowest: 34.95, Sep 20, 2011, highest: 41.49, Apr 26, 2011