



Water-Data Report 2011

382607077002601 Local number CH Dd 33

Northern Atlantic Coastal Plain aquifer system
Upper Patapsco Aquifer In the Patapsco Formation

Charles County, MD

LOCATION.--Lat 38°25'09.6", long 77°00'00.3" referenced to North American Datum of 1983, Charles County, MD, Hydrologic Unit 02070011, off Loyola Retreat Rd, 1.0 mi southwest of intersection with Popes Creek Rd, Faulkner.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 694 ft. Upper casing diameter 6 in; top of first opening 687 ft, bottom of last opening 694 ft. Drilled, observation, artesian well.

DATUM.--Land-surface datum is 99.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum, Mar. 14, 1962, to present.

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

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.28 ft below land surface, March 14, 1962; lowest measured, 143.07 ft below land surface, September 30, 2011.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[Measurement method: T, electric tape; 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
Apr 27	142.54	T	--	Sep 30	143.07	S	--

Water year 2011 highest: 142.54, Apr 27, 2011; lowest: 143.07, Sep 30, 2011