

Water-Data Report 2011

**422906072124301 Local number Petersham well PHW 16**

Sand and gravel aquifers (glaciated regions)  
Till

Worcester County, MA

LOCATION.--Lat 42°29'06", long 72°12'43" referenced to North American Datum of 1927, Worcester County, MA, Hydrologic Unit 01080204, 0.6 mi east of West Street Cemetery, 500 ft south of West Street, and 100 ft west of access road in Petersham.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 39 ft. Upper casing diameter 2 in; top of first opening 29 ft, bottom of last opening 39 ft.

DATUM.--Land-surface datum is 790 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing, 3.00 ft above land-surface datum, Jan. 31, 1984, to present.

PERIOD OF RECORD.--January 1984 to current year.

GAGE.--Monthly measurement.

COOPERATION.--Massachusetts Department of Environmental Protection, Office of Watershed Management; Massachusetts Department of Conservation and Recreation, Water Resources Commission.

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

Date	Water level	Date	Water level
Oct 25	15.11	Apr 25	9.17
Nov 22	14.07	May 23	12.56
Dec 20	13.65	Jun 27	14.36
Jan 24	13.95	Jul 26	14.76
Feb 22	14.10	Aug 31	13.33
Mar 28	6.05	Sep 26	11.98

Water year 2011 highest: 6.05, Mar 28, 2011; lowest: 15.11, Oct 25, 2010

Period of record highest: 4.71, Jun 5, 1984; lowest: 16.93, Dec 19, 2001

Record available from Jan 31, 1984, to Nov 5, 2012; 365 entries

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