



Water-Data Report 2006

**422906072124301 Local number Petersham well PHW 16**

Sand and gravel aquifers (glaciated regions)  
Till - Pleistocene Series  
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.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 39 ft. Upper casing diameter 2 in; top of first opening 29.00 ft, bottom of last opening 39.00 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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 26	7.58	Apr 27	14.35
Nov 30	10.23	May 24	13.19
Dec 20	12.90	Jun 27	13.63
Jan 27	9.75	Jul 26	13.74
Feb 28	13.13	Aug 22	14.88
Mar 22	14.10	Sep 25	15.43

Water year 2006 highest: 7.58 Oct 26, 2005; lowest: 15.43 Sep 25, 2006

Period of record highest: 4.71 Jun 05, 1984; lowest: 16.93 Dec 19, 2001

Record available from Jan 31, 1984, to Dec 18, 2006; 297 entries

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