



Water-Data Report 2011

422103072241103 Local number Pelham well PDW 24

Sand and gravel aquifers (glaciated regions)
Stratified Deposits, Undifferentiated

Hampshire County, MA

LOCATION.--Lat 42°21'03", long 72°24'11" referenced to North American Datum of 1927, Hampshire County, MA, Hydrologic Unit 01080204, at Knight's Corner, 50 ft east of U.S. Highway 202 and 75 ft south of small pond in Pelham.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 2.00 in; top of first opening 21 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 940 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of plywood floor in shelter, 3.93 ft above land-surface datum, Mar. 24, 2008, to present.

PERIOD OF RECORD.--June 1983 to current year.

GAGE.--Monthly measurements June 1983 to February 2008, December 2009 to current year; digital recorder with satellite telemeter, March 2008 to December 2009.

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

REMARKS.--Records are fair. Monthly measurements are published for the 2010 water year.

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

Date	Water level	Date	Water level
Oct 5	6.70	Apr 25	2.53
25	6.08	May 23	2.59
Nov 22	4.88	Jun 27	3.50
Dec 20	4.43	Jul 26	5.61
Jan 24	5.16	Aug 31	3.42
Feb 22	4.56	Sep 26	3.02
Mar 28	2.75		

Water year 2011 highest: 2.53, Apr 25, 2011; lowest: 6.70, Oct 5, 2010

Period of record highest: 1.25, Oct 26, 2005; lowest: 8.39, Sep 27, 2010

Record available from Jun 20, 1983, to Sep 20, 2012; 327 entries

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