



Water-Data Report 2009

423641071102501 Local number Andover well AJW 462

Sand and gravel aquifers (glaciated regions)

Stratified Deposits, Undifferentiated

Essex County, MA

LOCATION.--Lat 42°36'41", long 71°10'25" referenced to North American Datum of 1927, Essex County, MA, Hydrologic Unit 01070002, about 1,200 ft south of Shawsheen River, and 30 ft west of Interstate Highway 93 in Andover.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 32.5 ft. Upper casing diameter 1.25 in; top of first opening 30.5 ft, bottom of last opening 32.5 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well pipe, 2.38 ft above land-surface datum, Nov. 19, 2002, to present.

PERIOD OF RECORD.--March 1977 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.

REMARKS.--Water levels affected by nearby construction from about January 1993 to January 1995.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 29	15.00	Apr 27	14.18
Nov 24	15.2	May 26	14.60
Dec 23	14.37	Jun 25	14.55
Jan 21	14.45	Jul 30	14.30
Feb 24	14.57	Aug 24	14.80
Mar 25	14.19	Sep 28	14.98

Water year 2009 highest: 14.18 Apr 27, 2009; lowest: 15.2 Nov 24, 2008

Period of record highest: 11.72 Jun 20, 1984; lowest: 22.56 Jul 28, 1994

Record available from Mar 30, 1977, to Nov 23, 2009; 388 entries

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