



Water-Data Report 2006

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.

GROUND-WATER 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 casing, 2.00 ft above land-surface datum, Mar. 30, 1977, 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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 27	14.29	Apr 27	14.79
Nov 22	15.41	May 24	12.73
Dec 20	15.38	Jun 29	12.95
Jan 25	13.98	Jul 26	13.89
Feb 24	14.01	Aug 24	14.55
Mar 28	14.65	Sep 26	14.94

Water year 2006 highest: 12.73 May 24, 2006; lowest: 15.41 Nov 22, 2005

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

Record available from Mar 30, 1977, to Dec 18, 2006; 354 entries

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