



Water-Data Report 2006

423441072170701 Local number Orange well ORW 63

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

Franklin County, MA

LOCATION.--Lat 42°34'41", long 72°17'07" referenced to North American Datum of 1927, Franklin County, MA, Hydrologic Unit 01080202, at Orange Airport, 100 ft along and 50 ft northwest of main entrance road to airport, off East River Street in Orange.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 20.6 ft. Upper casing diameter 2 in; top of first opening 18.6 ft, bottom of last opening 20.6 ft.

DATUM.--Land-surface datum is 529 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 2.5 inch riser pipe, 3.75 ft above land-surface datum, May 1, 1992, to present.

PERIOD OF RECORD.--January 1985 to current year. Single measurement, December 1, 1965.

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	4.39	Apr 27	6.80
Nov 21	4.91	May 24	6.22
Dec 20	5.75	Jun 27	6.74
Jan 27	4.63	Jul 26	6.63
Feb 24	4.92	Aug 22	7.34
Mar 21	5.98	Sep 25	7.84

Water year 2006 highest: 4.39 Oct 26, 2005; lowest: 7.84 Sep 25, 2006

Period of record highest: 4.39 Oct 26, 2005; lowest: 10.00 Dec 01, 1965

Record available from Dec 01, 1965, to Dec 18, 2006; 261 entries

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