



Water-Data Report 2007

430527071140101 Local number DDW 46, Town of Deerfield

Sand and gravel aquifers (glaciated regions)
Stratified Deposits, Undifferentiated, Pleistocene
Rockingham County, NH

LOCATION.--Lat 43°05'27", long 71°14'02" referenced to North American Datum of 1927, Rockingham County, NH, Hydrologic Unit 01060003, approximately 1.3 mi south from junction of Routes 107 and 43 and 25 ft east from Route 107, and about 4 mi south of Deerfield. Owner: New Hampshire Department of Transportation.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 47.5 ft. Upper casing diameter 2.00 in., top of first opening 45.5 ft, bottom of last opening 47.5 ft. Bored, unused water-table well.

DATUM.--Land-surface datum is 272 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.8 ft above land-surface datum, Aug. 9, 1984, to present.

PERIOD OF RECORD.--November 1984 to May 1986, April 1989, April 1995 to current year.

COOPERATION.--New Hampshire Department of Environmental Services.

**WATER LEVELS IN FEET BELOW LAND SURFACE DATUM
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Water level	Date	Water level
Oct 26	38.75	Apr 26	36.74
Nov 22	38.14	May 24	37.10
Dec 21	37.99	Jun 28	37.65
Jan 25	37.87	Jul 26	38.12
Feb 22	38.18	Aug 23	38.54
Mar 22	38.38	Sep 27	39.02

Water year 2007 highest: 36.74 Apr 26, 2007; lowest: 39.02 Sep 27, 2007

Period of record highest: 36.74 Apr 26, 2007; lowest: 39.89 Sep 29, 1995

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