



Water-Data Report 2007

432343071570901 Local number NLW 1, Town of New London

Other aquifers
Till, Pleistocene

Merrimack County, NH

LOCATION.--Lat 43°23'43", long 71°57'09" referenced to North American Datum of 1927, Merrimack County, NH, Hydrologic Unit 01070003, at north side of Golf Course Road, about 500 ft east of intersection of State Highway 114 and Golf Course Road, and 2.1 mi southeast of New London. Owner: Peter Danforth.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 21 ft. Upper casing diameter 36.00 in., top of first opening 21 ft, bottom of last opening 21 ft. Dug observation water-table well, open end.

DATUM.--Land-surface datum is 1020 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of 0.75-in hole in wooden cover, 2.9 ft above land-surface datum, UNDEFINED BEGIN DATE to present.

PERIOD OF RECORD.--October 1947 to current year. Prior to January 1956, published in Water Levels and Artesian Pressures in Observation Wells in the United States: Part 1. Northeastern States; U.S. Geological Survey Water-Supply Paper Series. January 1956 to November 1972, published in Ground-Water Levels in the United States, Northeastern States; U.S. Geological Survey Water-Supply Paper Series.

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 24 | 8.23 | Apr 25 | 3.75 |
| Nov 20 | 4.00 | May 23 | 6.80 |
| Dec 20 | 7.83 | Jun 26 | 9.75 |
| Jan 26 | 7.76 | Jul 27 | 10.18 |
| Feb 21 | 10.48 | Aug 23 | 11.79 |
| Mar 21 | 10.31 | Sep 26 | 13.11 |

Water year 2007 highest: 3.75 Apr 25, 2007; lowest: 13.11 Sep 26, 2007

Period of record highest: .80 Apr 02, 1963; lowest: 16.90 Dec 28, 1964

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