



Water-Data Report 2011

422805071480801 Local number Sterling well SYW 1

Sand and gravel aquifers (glaciated regions)
Till

Worcester County, MA

LOCATION.--Lat 42°28'05", long 71°48'08" referenced to North American Datum of 1927, Worcester County, MA, Hydrologic Unit 01070004, 45 ft northeast of Justice Hill Road and 0.8 mi west of South Nelson Road in Sterling.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 24.00 in; top of first opening 15 ft, bottom of last opening 15 ft.

DATUM.--Land-surface datum is 710 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of angle iron, 0.00 ft above land-surface datum, May 2, 1947, to present.

PERIOD OF RECORD.--May 1947 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.--Well was dry November 28, 1964. Lowest measured value, 14.10 ft below land surface, October 26, 1983.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 26	8.51	Apr 25	2.42
Nov 22	3.12	Jun 27	2.61
Dec 20	2.71	Jul 26	7.08
Jan 24	2.83	Aug 30	3.01
Feb 20	2.38	Sep 28	2.89
Mar 23	2.46		

Water year 2011 highest: 2.38, Feb 20, 2011; lowest: 8.51, Oct 26, 2010

Period of record highest: .71, Feb 23, 2003; lowest: 14.10, Oct 26, 1983

Record available from May 2, 1947, to Nov 5, 2012; 785 entries

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