

Water-Data Report 2011

414100070011101 Local number Chatham well CGW 138

Sand and gravel aquifers (glaciated regions)
Outwash

Barnstable County, MA

LOCATION.--Lat 41°41'00", long 70°01'11" referenced to North American Datum of 1927, Barnstable County, MA, Hydrologic Unit 01090002, 50 ft east of State Highway 137 and 300 ft north of State Highway 28 in Chatham.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 1.25 in; top of first opening 41 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 35.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing, 4.35 ft above land-surface datum, Mar. 1, 2005, to present.

PERIOD OF RECORD.--November 1962 to current year.

GAGE.--Monthly measurement by Cape Cod Commission.

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 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 26	24.52	Apr 21	22.91
Nov 30	24.38	May 24	22.93
Dec 22	24.30	Jun 20	23.27
Jan 25	23.91	Jul 20	23.59
Feb 24	23.34	Aug 29	24.21
Mar 22	23.10	Sep 29	24.61

Water year 2011 highest: 22.91, Apr 21, 2011; lowest: 24.61, Sep 29, 2011

Period of record highest: 20.94, Apr 25, 1983; lowest: 26.38, Sep 25, 1980

Record available from Nov 29, 1962, to Nov 9, 2012; 603 entries

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