



Water-Data Report 2011

414129070361401 Local number Bourne well BHW 198

Sand and gravel aquifers (glaciated regions)
Outwash

Barnstable County, MA

LOCATION.--Lat 41°41'29", long 70°36'14" referenced to North American Datum of 1927, Barnstable County, MA, Hydrologic Unit 01090002, 50 ft west of County Road and 0.3 mi south of Pocasset Road in Bourne.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2.00 in; top of first opening 40 ft, bottom of last opening 50 ft. Prior to August 1990, original observation water-table well at same location, diameter 1.25 in., depth 50 ft, screened 47 to 50 ft.

DATUM.--Land-surface datum is 55.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of well casing, 1.65 ft above land-surface datum, Aug. 13, 1990, 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 29	32.83	Apr 28	31.35
Nov 29	32.60	May 27	31.17
Dec 30	32.76	Jun 22	31.67
Jan 31	32.54	Jul 25	32.17
Feb 28	31.93	Aug 22	32.55
Mar 29	31.80	Sep 26	32.85

Water year 2011 highest: 31.17, May 27, 2011; lowest: 32.85, Sep 26, 2011

Period of record highest: 29.57, Mar 31, 2010; lowest: 36.17, Oct 25, 1966

Record available from Nov 29, 1962, to Nov 9, 2012; 601 entries

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