



Water-Data Report 2006

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.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2.00 in; top of first opening 40.00 ft, bottom of last opening 50.00 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, that was destroyed by vehicle.

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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 27	33.30	May 26	32.51
Nov 28	32.74	Jun 27	30.88
Dec 22	32.28	Jul 20	30.88
Jan 20	31.90	Aug 24	32.02
Mar 30	31.80	Sep 28	32.76
Apr 26	32.48		

Water year 2006 highest: 30.88 Jun 27, 2006 Jul 20, 2006;
lowest: 33.30 Oct 27, 2005

Period of record highest: 29.73 Mar 24, 1998; lowest: 36.17
Oct 25, 1966

Record available from Nov 29, 1962, to Nov 30, 2006; 532
entries

414129070361401 Local number Bourne well BHW 198—Continued

