



Water-Data Report 2006

**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.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 1.25 in; top of first opening 41.00 ft, bottom of last opening 44.00 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 2005 TO SEPTEMBER 2006**

Date	Water level	Date	Water level
Oct 20	24.05	Apr 20	23.44
Nov 21	23.60	May 23	23.09
Dec 22	23.48	Jun 22	22.42
Jan 19	23.33	Jul 22	22.42
Feb 26	22.91	Aug 22	23.20
Mar 21	23.08	Sep 26	23.84

Water year 2006 highest: 22.42 Jun 22, 2006 Jul 22, 2006;  
lowest: 24.05 Oct 20, 2005

Period of record highest: 20.94 Apr 25, 1983; lowest: 28.85  
Nov 19, 1962

Record available from Nov 19, 1962, to Dec 21, 2006; 534  
entries

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