

Water-Data Report 2009

01409135 BARNEGAT BAY AT LOVELADIES, NJ

BARNEGAT BAY

LOCATION.--Lat 39°43'24", long 74°08'06" referenced to North American Datum of 1983, Long Beach Township, Ocean County, NJ, Hydrologic Unit 02040301, on the bulkhead at Matthew's Point Park on the east shore of Barnegat Bay in Loveladies on Long Beach Island, 2.0 mi north of Harvey Cedars, and 3.0 mi south of Barnegat Inlet.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record tide gage, water years 1993-2002. Annual maximum tide, water years 2003 to current year.

REVISED RECORDS.--WDR US-2007: Datum of gage.

GAGE.--Tidal crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. Prior to October 2003, datum of gage was 0.32 ft above NGVD of 1929. Data published to NGVD of 1929 can be adjusted to NAVD of 1988 by subtracting 1.26 ft. Online peaks have been adjusted to current datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 4.23 ft (from high-water mark at west end of West 81st Street just off Long Beach Boulevard in town of Harvey Cedars, adjusted to NAVD of 1988), Dec 11, 1992.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation, 4.83 ft (from high-water mark at 14th Street and Central Avenue in back of city water plant, adjusted to NAVD of 1988), Mar 6, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, estimated at 2.7 ft, Sep 11.