

Water-Data Report 2009

01410600 ABSECON CHANNEL AT ATLANTIC CITY, NJ

ABSECON BAY

LOCATION.--Lat 39°22'39", long 74°25'24" referenced to North American Datum of 1983, Atlantic City, Atlantic County, NJ, Hydrologic Unit 02040302, on bulkhead at U.S. Coast Guard Station Atlantic City on Clam Creek, 400 ft south of Absecon Channel, in Atlantic City, 2,200 ft southeast of the south end of bridge on State Route 87 over Absecon Channel, 1.3 mi northwest of Absecon Inlet, and 3.3 mi southwest of Brigantine city hall.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Unpublished fragmentary gage-height record, Jun 16, 1997 to Jun 17, 2000. Continuous-record tide gage, Jun 18, 2000 to current year.

GAGE.--Tide level, water temperature, precipitation, air temperature, relative humidity, air pressure, and wind speed and direction recorder and tidal crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.33 ft. To determine elevations to Mean Lower Low Water datum, add 2.49 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record for entire water year due to equipment malfunction. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, estimated at 5.0 ft, May 12, 2008, from crest-stage gage; minimum elevation, estimated at -5.5 ft, Feb 17, 2007, although a lower tide may have occurred during period of missing record Mar 9, 2005.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 7.7 ft (adjusted to NAVD of 1988), Mar 6 or 7, 1962, from high-water mark at the U.S. Coast Guard Station.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, estimated at 4.4 ft, Oct 19, from crest-stage gage; minimum elevation, estimated at -4.7 ft, Jan 8, from nearby gages.