

01410600 ABSECON CHANNEL AT ATLANTIC CITY, NJ

LOCATION.--Lat 39°22'39", long 74°25'24", Atlantic County, 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.

PERIOD OF RECORD.--Jun. 16, 1997 to Jun. 17, 2000 (unpublished fragmentary gage-height record), Jun. 18, 2000 to current year.

GAGE.--Water-stage, water-temperature, air-temperature, wind speed/direction, barometric pressure, relative humidity, and precipitation recorders. 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.--Gage cannot measure a tide level of less than -5.15 ft (NAVD of 1988). Missing gage-height record for Oct. 1 to Jan. 26 due to bulkhead construction. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy unless otherwise noted. Some periods cannot be estimated and are noted by dashed (---) lines. Satellite stage and weather telemetry at station.

EXTREMES FOR PERIOD OF PUBLISHED RECORD.--Maximum elevation recorded, 4.74 ft (NAVD of 1988), Feb. 17, 2003; minimum elevation recorded, less than -5.15 ft (NAVD of 1988), 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 recorded, 4.46 ft (NAVD of 1988), May 25; minimum elevation recorded, less than -5.15 ft (NAVD of 1988), Mar. 9.

TIDE ELEVATIONS, IN FEET, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Month	Maximum high tide		Minimum low tide		Monthly mean high tide	Monthly mean water level	Monthly mean low tide
	Date	Elevation	Date	Elevation			
OCT	---	---	---	---	---	---	---
NOV	---	---	---	---	---	---	---
DEC	---	---	---	---	---	---	---
JAN	---	---	---	---	---	---	---
FEB	28	3.82	12	-3.55	1.88	-0.07	-2.12
MAR	28	3.46	9	-5.15<	1.72	-0.20	-2.24
APR	3	3.23	8	-3.15	2.08	0.12	-1.92
MAY	25	4.46	5	-3.04	2.27	0.31	-1.73
JUN	23	3.40	25	-2.99	2.00	0.05	-1.99
JUL	22	3.78	25	-2.72	2.23	0.33	-1.67
AUG	19	3.75	21	-2.52	2.18	0.30	-1.66
SEP	16	3.57	20	-3.06	1.97	0.06	-1.92

< Actual value is known to be less than reported value



01411390 Cape May Harbor at Cape May, NJ
(file photograph, U.S. Geological Survey, West Trenton, New Jersey)