

01411390 CAPE MAY HARBOR AT CAPE MAY, NJ

LOCATION.--Lat 38°56'55", long 74°53'26", Cape May County, Hydrologic Unit 02040302, on Pier 4 at U.S. Coast Guard Station in Cape May, 0.7 mi east of east entrance to Cape May Canal, and 1.0 mi west of Cape May Inlet.

PERIOD OF RECORD.--Tidal crest-stage gage 1965-85, 1992, September 1997 to May 2000 (unpublished fragmentary gage-height record), June 2000 to current year.

GAGE.--Water-stage, air temperature, water temperature, wind speed and direction, barometric pressure, and precipitation recorder. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate corresponding NGVD of 1929, add 1.31 ft. To determine approximate corresponding elevation in Mean Lower Low Water datum, add 2.77 ft (revised to Tidal Epoch 1983-2001). Online peaks have been adjusted to NAVD of 1988.

REMARKS.--Missing gage-height record Aug. 26-28, Sep. 8-11, and short portions of numerous other days. Gage cannot measure a tide level below -4.66 ft (NAVD of 1988). Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy. 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, 5.53 ft (adjusted to NAVD of 1988), Oct. 25, 1980.

EXTREMES FOR CURRENT YEAR.-- Maximum elevation recorded, 4.62 ft (NAVD of 1988), May 25; minimum elevation recorded, -5.6 ft (estimated, 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	24	3.78	17	-3.69	2.40	0.34	-1.81
NOV	13	4.12	26	-3.51	1.94	-0.14	-2.26
DEC	11	3.94	13	-3.98	1.69	-0.41	-2.58
JAN	12	3.57	11	-3.78	1.92	0.0e	-2.3e
FEB	28	3.62	12	-3.81	1.94	-0.19	-2.38
MAR	28	3.53	9	-5.6e	1.82	-0.29	-2.49
APR	27	3.39	8	-3.60	2.12	-0.03	-2.26
MAY	25	4.62	5	-3.23	2.31	0.17	-2.06
JUN	22	3.57	25	-3.28	2.1e	-0.1e	-2.32
JUL	22	3.70	25	-3.27	2.19	-0.05	-2.17
AUG	19	3.76	21	-3.15	2.2e	0.0e	-2.3e
SEP	16	3.66	20	-3.38	2.1e	0.0e	---

e Estimated