

01411330 BEACH THOROFARE AT MARGATE, NJ

LOCATION.--Lat 39°20'15", long 74°30'47", Atlantic County, Hydrologic Unit 02040302, on pier near southeast end of toll bridge on Margate-Northfield Road (County Route 563) at western edge of Margate, 500 ft east of Pork Island, and 3.2 mi northeast of Great Egg Harbor Inlet.

PERIOD OF RECORD.--June 1997 to March 2000 (unpublished fragmentary gage-height record), April 2000 to current year.

REVISED RECORDS.--WDR-02-1: 2001.

GAGE.--Water-stage recorder. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.30 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 2.49 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record for Jan. 28-29, July 10-11, and short portions of several other days. 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 telemetry at station.

EXTREMES FOR PERIOD OF PUBLISHED RECORD.--Maximum elevation recorded, 4.50 ft (NAVD of 1988), Feb. 17, 2003; minimum recorded, -5.24 ft (NAVD of 1988), Mar. 9, 2005.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 9.8 ft (adjusted to NAVD of 1988), tides of Mar. 6-7, 1962, from high-water mark near the intersection of Washington and Atlantic Avenues in Margate. Maximum elevation known, 5.73 ft (adjusted to NAVD of 1988), tides of Dec. 11, 1992, from high-water mark near tide gage.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.46 ft (NAVD of 1988), May 25; minimum recorded, -5.24 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	24	3.72	17	-3.04	2.26	0.43	-1.46
NOV	13	3.70	26	-3.02	1.85	-0.03	-1.94
DEC	11	3.67	29	-3.50	1.62	-0.31	-2.20
JAN	12	3.52	11	-3.20	1.9e	0.2e	-2.0e
FEB	28	3.93	12	-3.23	1.87	-0.06	-2.04
MAR	28	3.41	9	-5.24	1.75	-0.18	-2.11
APR	28	3.15	8	-2.89	2.02	0.12	-1.83
MAY	25	4.46	5	-2.85	2.20	0.31	-1.68
JUN	22	3.23	26	-2.74	1.98	0.05	-1.90
JUL	22	3.42	25	-2.52	2.1e	0.2e	-1.8e
AUG	19	3.55	21	-2.34	1.98	0.11	-1.78
SEP	16	3.42	21	-2.68	1.96	0.07	-1.83

e Estimated