

01409146 EAST THOROFARE AT SHIP BOTTOM, NJ

LOCATION.--Lat 39°39'14", long 74°11'09", Ocean County, Hydrologic Unit 02040301, on south side of bridge carrying State Route 72 across East Thorofare (Manahawkin Bay) between Bonnet Island and Long Beach Island, 2.0 mi southeast of Bayside, 9.0 mi southwest of Barnegat Inlet, and 11.5 mi northeast of Little Egg Inlet.

PERIOD OF RECORD.--July 1997 to May 5, 2000 (unpublished fragmentary gage-height record); May 5, 2000 to current year.

GAGE.--Water-stage recorder. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929 add 1.25 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 0.64 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record Oct. 27 to Nov. 2, Jan. 22, 24, 25, 28 to 30, Feb. 2, 6 to 8, and short portions of numerous 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, 3.20 ft (NAVD of 1988), Dec. 6, 2003; minimum elevation recorded, -2.27 ft (NAVD of 1988), Nov. 14, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.79 ft (NAVD of 1988), May 26; minimum elevation recorded, -1.98 ft (NAVD of 1988), Mar. 10.

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	2.50	18	-1.02	1.3e	0.6e	-0.1e
NOV	13	2.20	7	-1.56	0.9e	0.1e	-0.6e
DEC	11	2.19	29	-1.58	0.68	-0.05	-0.74
JAN	12	1.76	19	-1.52	---	---	---
FEB	10	1.86	19	-1.33	---	---	---
MAR	1	2.20	10	-1.98	0.84	0.08	-0.64
APR	3	2.37	6	-0.80	1.06	0.33	-0.41
MAY	26	2.79	5	-0.94	1.21	0.40	-0.25
JUN	16	1.69	25	-0.81	1.01	0.27	-0.43
JUL	9	1.80	30, 31	-0.77	1.08	0.35	-0.34
AUG	19	1.82	2, 14	-0.74	1.05	0.30	-0.41
SEP	16, 17	1.79	13	-1.04	0.98	0.24	-0.47

e Estimated



01406050 Deep Run at Old Bridge, NJ
(file photograph, U.S. Geological Survey, West Trenton, New Jersey)