

## 01409110 BARNEGAT BAY AT WARETOWN, NJ

LOCATION.--Lat 39°47'28", long 74°10'55", Ocean County, Hydrologic Unit 02040301, on the public fishing pier near the Galley Restaurant at the end of Bryant Road on west side of Barnegat Bay, 0.7 mi east of Waretown, and 3.2 mi south of Forked River.

PERIOD OF RECORD.--August 1993 to current year.

GAGE.--Water-stage recorder. Datum of gage is 0.00 ft NAVD of 1988. To determine approximate elevations in Mean Lower Low Water Datum, add 0.14 ft. (revised to Tidal Epoch 1983-2001). Data published for water years 1993-2000 was referenced to NGVD of 1929. This past data can be adjusted to NAVD of 1988 by subtracting 1.23 ft.

REMARKS.--Missing gage-height record Dec. 28, Jan. 19, Jan. 24 to Feb. 1, Feb. 5 to Feb. 6, and short portions of numerous other days. Gage cannot measure a tide level below -0.84 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 unless otherwise noted. Some periods cannot be estimated and are noted by dashed (---) lines.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 2.40 ft, Oct. 19, 1996 (adjusted to NAVD of 1988); minimum recorded, -1.87 ft, Mar. 4, 1996 (adjusted to NAVD of 1988).

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 6.2 ft (adjusted to NAVD of 1988), Dec. 11, 1992, from high-water mark at Waretown Fishing Station. Other significant peak elevation, 3.3 ft (adjusted to NAVD of 1988), Mar. 7, 1962, from high-water mark at State Marina in Forked River, 2.6 mi north. Based on residents reports, the Nov. 25, 1950 flood was a foot higher than the 1962 flood at Southwind Marina in Forked River.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 2.06 ft (NAVD of 1988), Apr. 3.

## 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	1.96	18	-0.62	0.87	0.58	0.29
NOV	28	1.35	---	---	0.44	0.10	-0.13
DEC	11	1.67	---	---	0.24	-0.1e	-0.3e
JAN	23	1.46	---	---	---	---	---
FEB	---	---	---	---	---	---	---
MAR	28	1.52	---	---	0.41	0.1e	-0.1e
APR	3	2.06	17	-0.42	0.65	0.39	0.05
MAY	26	2.02	13	-0.48	0.76	0.48	0.17
JUN	16	1.23	11	-0.28	0.59	0.31	0.02
JUL	9	1.25	31	-0.43	0.65	0.37	0.09
AUG	20	1.20	2	-0.32	0.59	0.32	0.02
SEP	17	1.27	13	-0.69	0.53	0.27	-0.04

e Estimated