

01411350 LUDLAM THOROFARE AT SEA ISLE CITY, NJ

LOCATION.--Lat 39°09'27", long 74°41'52", Cape May County, Hydrologic Unit 02040302, on bulkhead at Sea Isle City Municipal Marina in Sea Isle City, 700 ft southeast of east side of bridge on John F. Kennedy Boulevard (County Route 625) over Ludlam Thorofare, and 0.9 mi south of Ludlam Bay.

PERIOD OF RECORD.--May 1975 to May 1978, October 1978 to September 1984 (annual maximum elevation only), May 1997 to January 2000 (unpublished fragmentary gage-height record), February 2000 to current year.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 1.27 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 2.51 ft (revised to Tidal Epoch 1983-2001). From May 1975 to May 1978, water-stage recorder at NGVD of 1929 located at 44th Street, 800 ft southwest of current station. From October 1978 to September 1984, crest-stage gage at NGVD of 1929 located at 44th Street, 800 ft southwest of current station. Online annual tidal peaks have been adjusted to NAVD of 1988.

REMARKS.--Gage could not measure a tide level of less than -1.50 ft from Aug. 13, 2003 to July 25, 2005, and -2.85 ft prior to Aug. 13, 2003 (NAVD of 1988). Monthly minimum low tides, monthly mean low tides, and monthly mean water levels prior to July 2005 are undetermined. Missing gage-height record for short portions of numerous 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, 6.34 ft (adjusted to NAVD of 1988), Mar. 29, 1984, from tidal crest-stage gage. The maximum tide level for water year 1993, 6.14 ft (from high-water marks, NAVD of 1988), occurred on Dec. 11, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.43 ft (NAVD of 1988), May 25.

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	3.68	---	---	2.28	---	---
NOV	13	4.03	---	---	1.84	---	---
DEC	11	3.61	---	---	1.61	---	---
JAN	12	3.46	---	---	1.89	---	---
FEB	10	3.24	---	---	1.84	---	---
MAR	1	4.00	---	---	1.75	---	---
APR	28	3.08	---	---	2.03	---	---
MAY	25	4.43	---	---	2.20	---	---
JUN	22	3.20	---	---	2.02	---	---
JUL	22	3.35	---	---	2.05	---	---
AUG	19	3.50	21	-2.46	1.99	0.13	-1.85
SEP	16	3.38	20	-2.95	1.96	0.09	-1.89