

01411382 GRASSY SOUND CHANNEL AT WILDWOOD, NJ

LOCATION.--Lat 38°59'25", long 74°50'11", Cape May County, Hydrologic Unit 02040302, on pier in back of pumpout station at Lighthouse Pointe Marina in Wildwood, 900 ft southwest of bridge on State Route 47, and 1,000 ft north of Ephraim Island.

PERIOD OF RECORD.--May 1997 to February 2000 (unpublished fragmentary gage-height record), March 2000 to current year.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 1.30 ft. To determine approximate elevations to Mean Lower Low Water Datum, add 2.72 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record for Dec. 4 to 5, Jan. 25, 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, 4.71 ft, May 25, 2005; minimum recorded, -5.50 ft, Mar. 9, 2005.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 7.5 ft (adjusted to NAVD of 1988), tides of Mar. 6-7, 1962, from high-water mark at the intersection of 15th Street and New Jersey Avenue in North Wildwood.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.71 ft, May 25; minimum recorded, -5.50 ft, 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	3.91	17	-3.52	2.48	0.44	-1.75
NOV	13	4.21	12, 26	-3.45	1.98	-0.12	-2.23
DEC	11	3.94	14	-3.83	1.80	-0.36	-2.56
JAN	12	3.68	11	-3.68	2.00	0.2e	-2.3e
FEB	10	3.55	12	-3.72	1.96	-0.07	-2.41
MAR	1	3.71	9	-5.50	1.76	-0.39	-2.44
APR	28	3.21	8	-3.42	2.08	-0.01	-2.18
MAY	25	4.71	5	-3.09	2.37	0.25	-1.99
JUN	22	3.57	26	-3.16	2.19	0.03	-2.26
JUL	22	3.70	25	-3.08	2.18	0.05	-2.12
AUG	19	3.64	21	-2.96	2.03	-0.04	-2.13
SEP	16	3.71	20	-3.26	1.93	-0.11	-2.16

e Estimated