

01408750 BARNEGAT BAY AT SEASIDE HEIGHTS, NJ

BARNEGAT BAY

LOCATION.--Lat 39°56'18", long 74°04'56" referenced to North American Datum of 1983, Berkeley Township, Ocean County, NJ, Hydrologic Unit 02040301, on public fishing pier in Seaside Heights just north of Seaside Park, 0.2 mi southeast of the east end of bridge on State Route 37 over Barnegat Bay, and 5.5 mi east of community of Toms River.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Unpublished fragmentary gage-height record, June 1997 to March 2000. Continuous-record tide gage, April 2000 to October 30, 2012 (gage was destroyed by Hurricane Sandy).

GAGE.--Tide level and water temperature recorder and tidal crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.15 ft.

REMARKS.--Missing gage-height record from Oct 31, 2012 through Sep 30, 2013 and on short portions of other days. Gage cannot measure tide levels below -1.90 ft. Tide levels below -1.90 have been estimated. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy. Some periods cannot be estimated and are noted by dash (---) lines. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 6.6 ft, Oct 30, 2012, from high-water mark; minimum elevation, -1.92 ft, Nov 15, 2003, although a lower tide likely occurred during period of missing record on Feb 16, 2007.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum elevation known, 6.12 ft (adjusted to NAVD of 1988), Dec 11, 1992, from high-water mark at the foot of South Bayview Avenue in Seaside Park.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 6.6 ft, Oct 30, from high-water mark; minimum elevation, undetermined, occurred during a period of missing record.

Statistics of Tide Elevations, in feet
Water Year October 2012 to September 2013
[e, estimated]

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	0.84	e0.4	-0.07
November	---	---	---
December	---	---	---
CALENDAR YEAR 2012	e0.7	0.27	-0.11
January	---	---	---
February	---	---	---
March	---	---	---
April	---	---	---
May	---	---	---
June	---	---	---
July	---	---	---
August	---	---	---
September	---	---	---
WATER YEAR 2013	---	---	---

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
[e, estimated]

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	October			November			December			January		
1	0.75	0.30	-0.16	---	---	---	---	---	---	---	---	---
2	0.51	0.06	-0.49	---	---	---	---	---	---	---	---	---
3	0.78	0.28	-0.20	---	---	---	---	---	---	---	---	---
4	0.79	0.26	-0.23	---	---	---	---	---	---	---	---	---
5	0.90	0.37	-0.14	---	---	---	---	---	---	---	---	---
6	1.18	0.53	-0.01	---	---	---	---	---	---	---	---	---
7	0.71	0.23	-0.20	---	---	---	---	---	---	---	---	---
8	0.64	0.19	-0.20	---	---	---	---	---	---	---	---	---
9	0.96	0.31	-0.17	---	---	---	---	---	---	---	---	---
10	1.47	1.04	0.45	---	---	---	---	---	---	---	---	---
11	0.48	0.21	-0.36	---	---	---	---	---	---	---	---	---
12	0.38	-0.14	-0.64	---	---	---	---	---	---	---	---	---
13	0.55	-0.14	-0.77	---	---	---	---	---	---	---	---	---
14	0.58	0.18	-0.29	---	---	---	---	---	---	---	---	---
15	0.72	0.26	-0.25	---	---	---	---	---	---	---	---	---
16	0.76	0.26	-0.24	---	---	---	---	---	---	---	---	---
17	0.95	0.35	-0.29	---	---	---	---	---	---	---	---	---
18	1.08	0.48	-0.14	---	---	---	---	---	---	---	---	---
19	1.53	0.93	0.45	---	---	---	---	---	---	---	---	---
20	1.38	0.88	0.27	---	---	---	---	---	---	---	---	---
21	0.75	0.34	-0.12	---	---	---	---	---	---	---	---	---
22	0.30	-0.06	-0.53	---	---	---	---	---	---	---	---	---
23	0.57	0.00	-0.48	---	---	---	---	---	---	---	---	---
24	0.68	0.21	-0.23	---	---	---	---	---	---	---	---	---
25	0.81	0.36	-0.11	---	---	---	---	---	---	---	---	---
26	0.84	0.40	-0.07	---	---	---	---	---	---	---	---	---
27	1.04	0.55	-0.01	---	---	---	---	---	---	---	---	---
28	1.11	0.67	0.26	---	---	---	---	---	---	---	---	---
29	1.27	e1.1	e-0.3	---	---	---	---	---	---	---	---	---
30	6.6	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Max	6.60	1.10	0.45	---	---	---	---	---	---	---	---	---
Min	0.30	-0.14	-0.77	---	---	---	---	---	---	---	---	---

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