

01409334 LITTLE EGG INLET NEAR BEACH HAVEN HEIGHTS, NJ

BARNEGAT BAY

LOCATION.--Lat 39°30'42", long 74°18'05" referenced to North American Datum of 1983, Little Egg Harbor Twp, Ocean County, NJ, Hydrologic Unit 02040301, on platform, 600 ft south of Little Sheepshead Creek, 0.6 mi north of Shooting Thorofare, and 2.6 mi southwest of Beach Haven Heights.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--August 2012 to current year.

GAGE.--Acoustic Doppler velocity meter, acoustic stage sensor and temperature sensor. Datum of gage is 0.00 ft at NAVD of 1988.

REMARKS.--Records fair, except for estimated daily values which are poor. Streamflow at this site is significantly affected by astronomical tides. Daily mean discharges were computed from filtered unit value discharge data. The Godin low-pass filter is used to remove principal tidal frequencies from unit values. Positive discharge (ebb tide) is generally to the south direction, and negative discharge (flood tide) is generally to the north. Several measurements of water temperature were made during the year. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge (unfiltered), 168,000 ft³/s, Aug 15, 2012; maximum negative discharge (unfiltered), -172,000 ft³/s, Aug 18, 2012.

GAGE HEIGHT: Maximum gage height, 2.46 ft, Aug 1, 2012; minimum gage height, -2.19 ft, Sep 26, 2012.

EXTREMES FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge (unfiltered) during period August to September, 168,000 ft³/s, Aug 15; maximum negative discharge (unfiltered) during period August to September, -172,000 ft³/s, Aug 18.

GAGE HEIGHT: Maximum gage height during period August to September, 2.46 ft, Aug 1; minimum gage height during period August to September, -2.19 ft, Sep 26.

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DISCHARGE, TIDALLY FILTERED, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	-5,710	-8,200
2	---	---	---	---	---	---	---	---	---	---	-7,990	-7,310
3	---	---	---	---	---	---	---	---	---	---	-6,510	996
4	---	---	---	---	---	---	---	---	---	---	-6,100	6,500
5	---	---	---	---	---	---	---	---	---	---	-7,210	5,250
6	---	---	---	---	---	---	---	---	---	---	-328	9,200
7	---	---	---	---	---	---	---	---	---	---	2,670	2,910
8	---	---	---	---	---	---	---	---	---	---	3,040	-1,220
9	---	---	---	---	---	---	---	---	---	---	-418	6,830
10	---	---	---	---	---	---	---	---	---	---	-2,020	7,720
11	---	---	---	---	---	---	---	---	---	---	-783	4,420
12	---	---	---	---	---	---	---	---	---	---	2,130	2,560
13	---	---	---	---	---	---	---	---	---	---	3,220	118
14	---	---	---	---	---	---	---	---	---	---	1,180	-3,680
15	---	---	---	---	---	---	---	---	---	---	2,340	-4,000
16	---	---	---	---	---	---	---	---	---	---	1,850	-4,340
17	---	---	---	---	---	---	---	---	---	---	-2,410	-8,360
18	---	---	---	---	---	---	---	---	---	---	-2,760	-14,600
19	---	---	---	---	---	---	---	---	---	---	-3,130	-2,640
20	---	---	---	---	---	---	---	---	---	---	-2,510	-1,430
21	---	---	---	---	---	---	---	---	---	---	69	-313
22	---	---	---	---	---	---	---	---	---	---	1.3	-2,390
23	---	---	---	---	---	---	---	---	---	---	-802	647
24	---	---	---	---	---	---	---	---	---	---	-2,370	-411
25	---	---	---	---	---	---	---	---	---	---	-3,210	-5,660
26	---	---	---	---	---	---	---	---	---	---	217	---
27	---	---	---	---	---	---	---	---	---	---	-1,680	---
28	---	---	---	---	---	---	---	---	---	---	-5,580	---
29	---	---	---	---	---	---	---	---	---	---	-7,020	---
30	---	---	---	---	---	---	---	---	---	---	-4,500	---
31	---	---	---	---	---	---	---	---	---	---	-3,630	---
Mean	---	---	---	---	---	---	---	---	---	---	-1,934	---
Max	---	---	---	---	---	---	---	---	---	---	3,220	---
Min	---	---	---	---	---	---	---	---	---	---	-7,990	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2012 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	---	-1,934	---
Max	---	---	---	---	---	---	---	---	---	---	-1,934	---
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)	(---)
Min	---	---	---	---	---	---	---	---	---	---	-1,934	---
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2012)	(---)

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SUMMARY STATISTICS

Water Year 2012		
Highest daily mean	9,200	Sep 6, 2012
Lowest daily mean	-14,600	Sep 18, 2012
Annual seven-day minimum	-5,580	Sep 14, 2012

