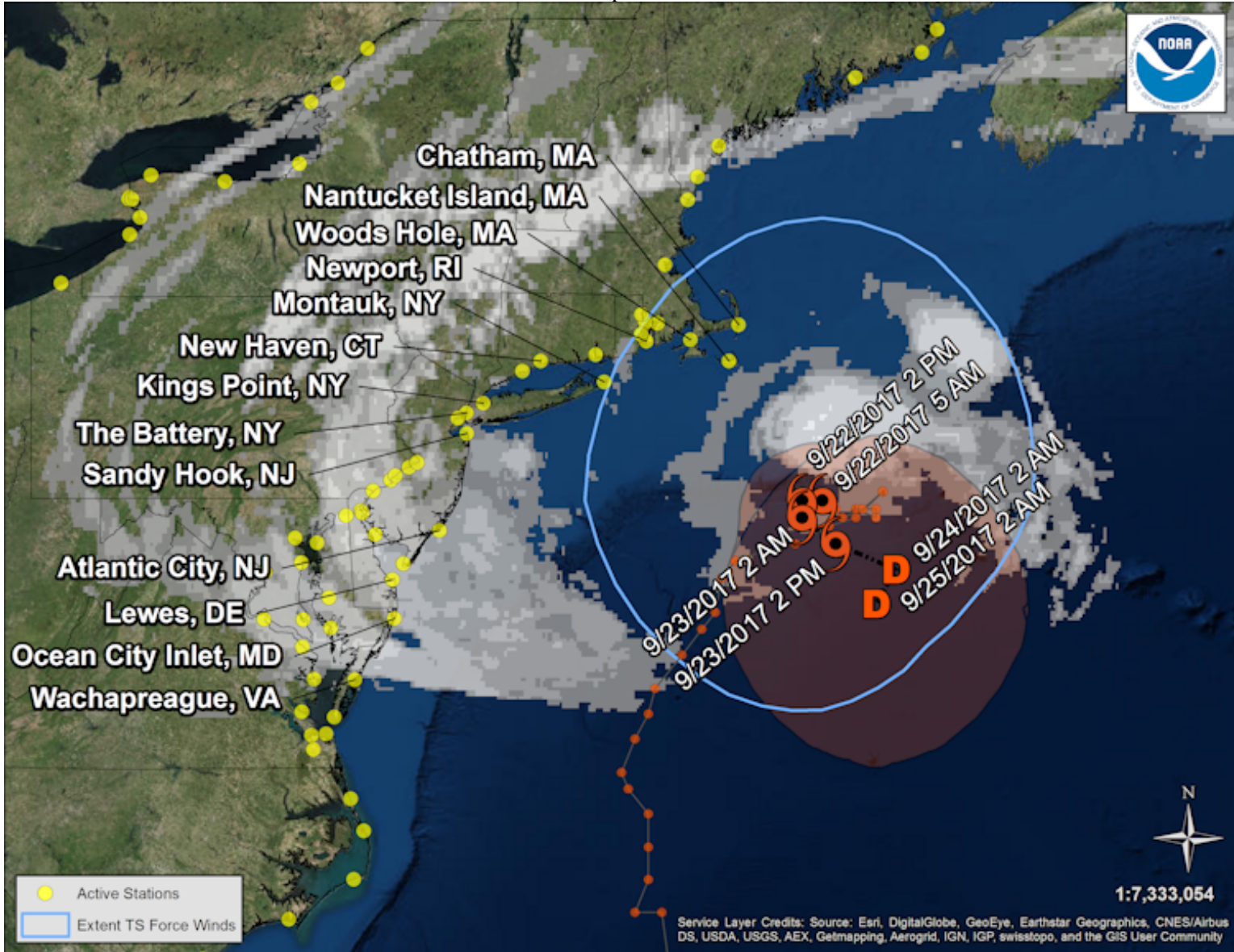




Post-tropical Storm JOSE QuickLook  
 Posted: 06:00 AST 09/22/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/22/2017 06:00 AST, water levels from the mid-Atlantic coast to southern New England remain elevated due to Jose. Non-tidal water level residuals are slowly rising at Chatham, MA and Nantucket Island, MA where water levels are measuring about 2 feet above normal tide levels. Elsewhere, water levels range between 0.5 and 1.3 feet above tidal predictions as far south as Wachapreague, VA and are slowly returning towards normal tide levels.

Winds at Newport, RI and Nantucket Island, MA range from 20 to 30 kts with some gusts of 35 kts observed over the past few hours. Elsewhere to the east and south of Jose along the eastern seaboard, winds are generally 10 knots or less.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: ADM

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Post-Tropical Cyclone Jose Advisory Number 68  
NWS National Hurricane Center Miami FL  
500 AM AST Fri Sep 22 2017

...JOSE CONTINUES TO BRING TROPICAL STORM CONDITIONS TO CAPE COD AND NEARBY ISLANDS...

WATCHES AND WARNINGS  
-----

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

- A Tropical Storm Warning is in effect for...
- \* Woods Hole to Sagamore Beach, including Cape Cod
  - \* Block Island
  - \* Martha's Vineyard
  - \* Nantucket

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK  
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At 500 AM AST, the center of Post-Tropical Cyclone Jose was located ABOUT 125 MI SE OF NANTUCKET MASSACHUSETTS. The post-tropical cyclone is moving slowly toward the west near 2 mph. Jose is expected to meander well off the coast of New England for the next several days.

Maximum sustained winds are near 50 mph with higher gusts. Gradual weakening is forecast for the next 48 hours.

Jose is a large system. Tropical-storm-force winds extend outward up to 220 miles from the center. A sustained wind of 43 mph with a gust to 53 mph was recently reported at an unofficial observing site on Block Island.

The estimated minimum central pressure is 990 mb.

#### HAZARDS AFFECTING LAND

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WIND: Tropical storm conditions are expected to continue in the warning area this morning.

SURF: Swells generated by Jose are affecting Bermuda and much of the U.S. east coast and will likely cause dangerous surf and rip current conditions during the next couple of days. For more information, please consult products from your local weather office.

Rainfall: Jose is expected to produce additional rainfall accumulations of up to one inch across Cape Cod and the offshore Islands of Martha's Vineyard and Nantucket through early Saturday. When including rain that has already fallen, storm total accumulations could reach 6 inches on Nantucket.

#### NEXT ADVISORY

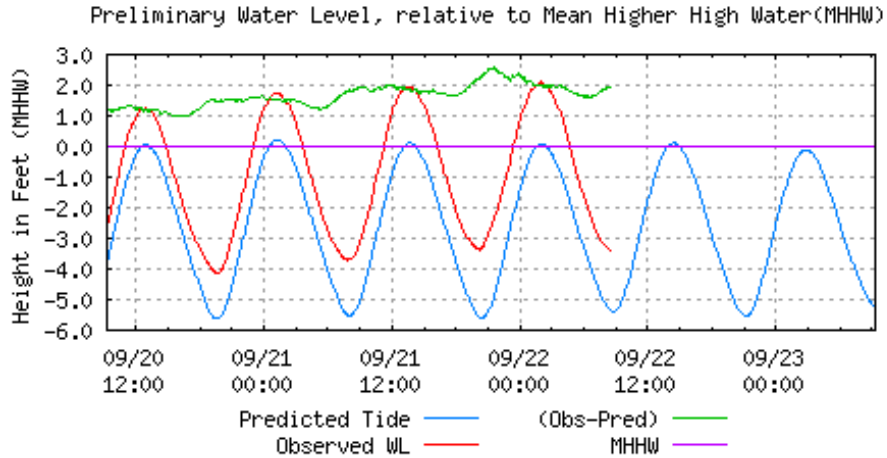
-----  
Next intermediate advisory at 800 AM AST.  
Next complete advisory at 1100 AM AST.

\$\$  
Forecaster Zelinsky

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

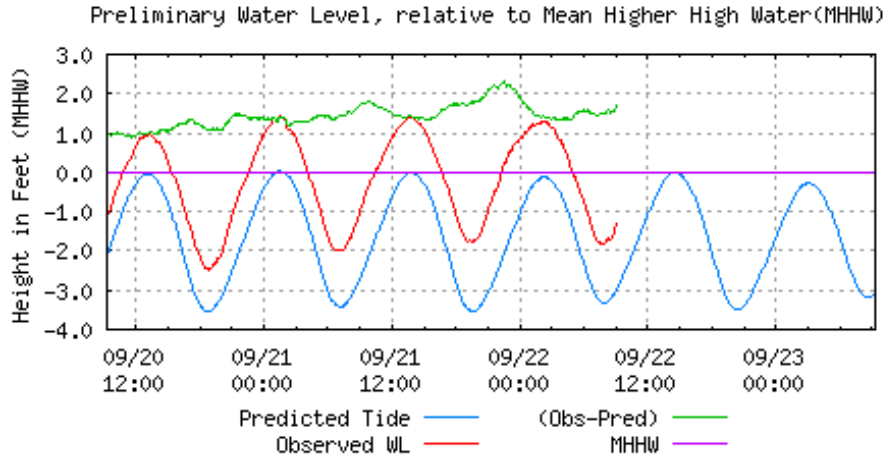
Jump to: [Chatham - Water Level](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Woods Hole - Water Level](#), [New Haven - Water Level](#), [New Haven - Winds](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [Kings Point - Water Level](#), [Kings Point - Winds](#), [The Battery - Water Level](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Atlantic City - Water Level](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Wachapreague - Water Level](#)

NOAA/NOS/CO-OPS 8447435 Chatham, MA



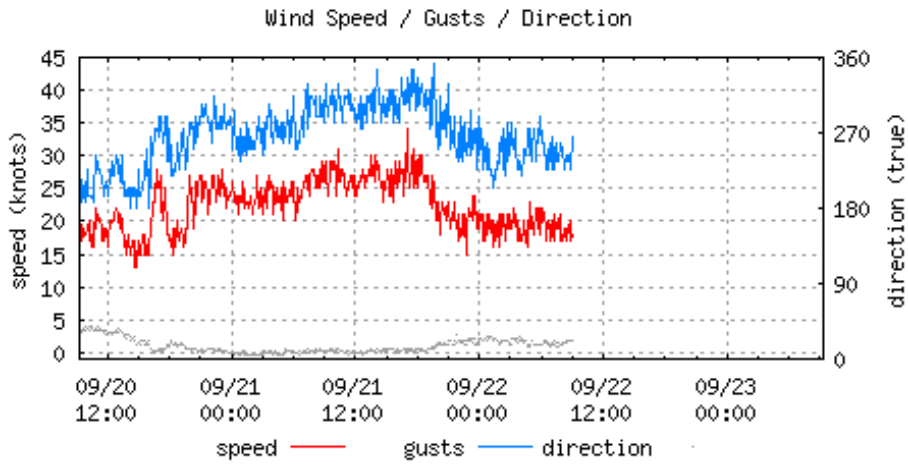
Last Observed Sample: 09/22/2017 08:30 (EDT). Data relative to MHHW  
**Observed: -3.40 ft. Predicted: -5.36 ft. Residual: 1.96 ft.**  
Historical Maximum Water Level: Jan 3 2014, 4.26 ft.  
Next High Tide: 09/22/2017 14:24 (EDT), 0.11 ft.

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
**Observed: -1.23 ft. Predicted: -2.91 ft. Residual: 1.68 ft.**  
Historical Maximum Water Level: Oct 30 1991, 4.29 ft.  
Next High Tide: 09/22/2017 14:32 (EDT), -0.01 ft.

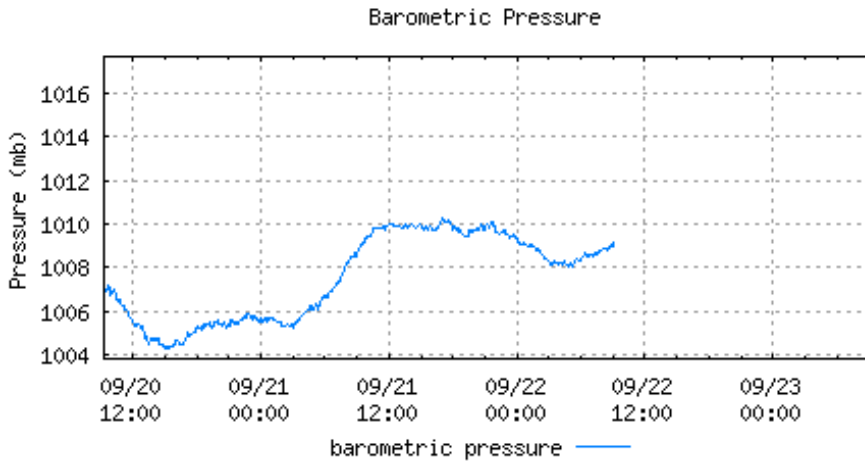
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/22/2017 09:12 (EDT)

Wind Speed: 20 knots Gusts: 31 knots Direction: 25° T

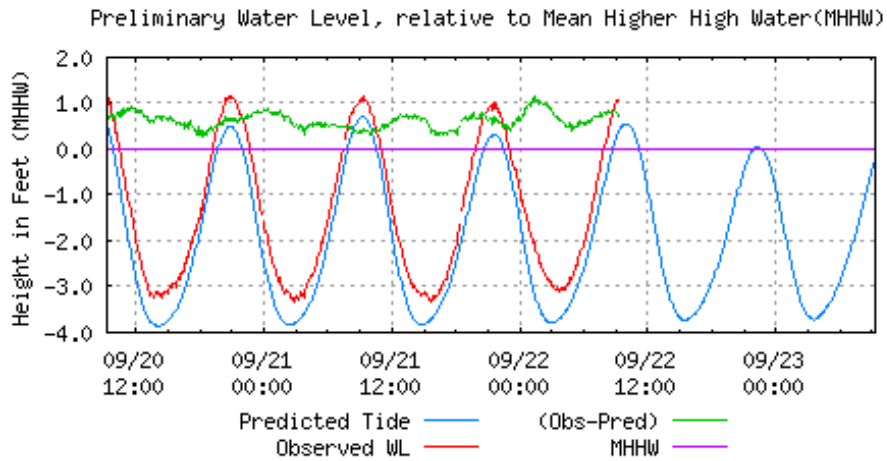
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/22/2017 09:12 (EDT)

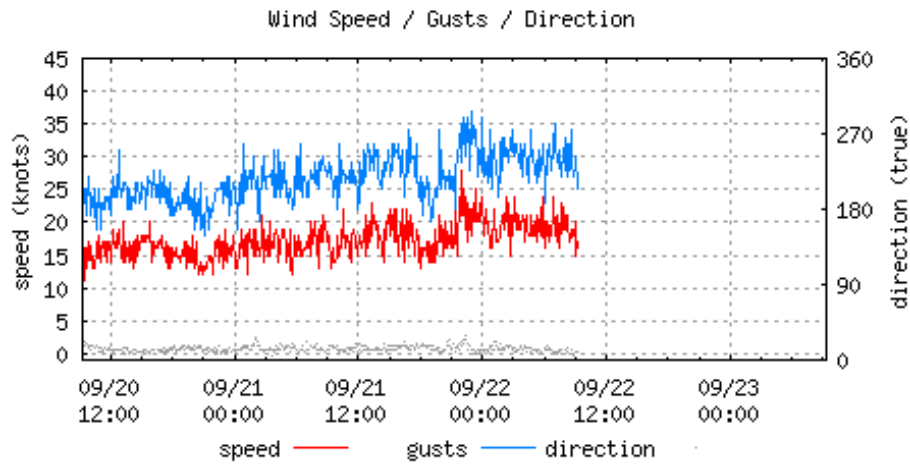
Barometric Pressure: 1009.2 mb

NOAA/NOS/CO-OPS 8452660 Newport, RI



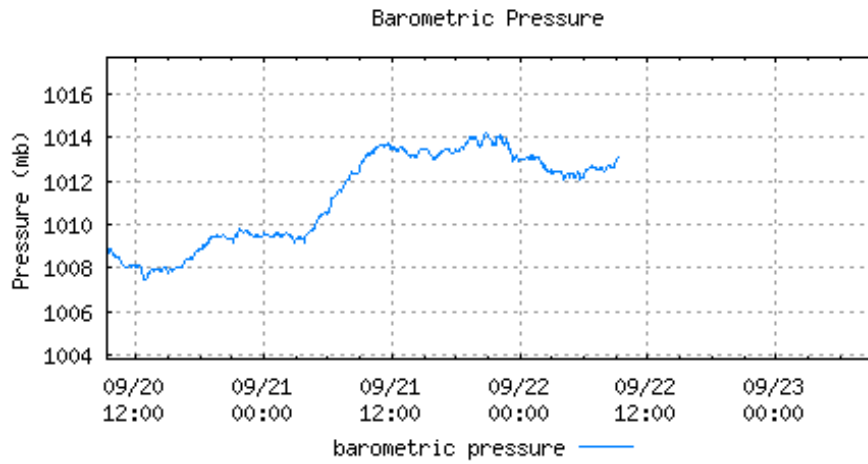
Last Observed Sample: 09/22/2017 09:18 (EDT). Data relative to MHHW  
**Observed: 1.13 ft. Predicted: 0.39 ft. Residual: 0.74 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.  
 Next High Tide: 09/22/2017 09:58 (EDT), 0.55 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/22/2017 09:18 (EDT)  
**Wind Speed: 19 knots Gusts: 27 knots Direction: 8° T**

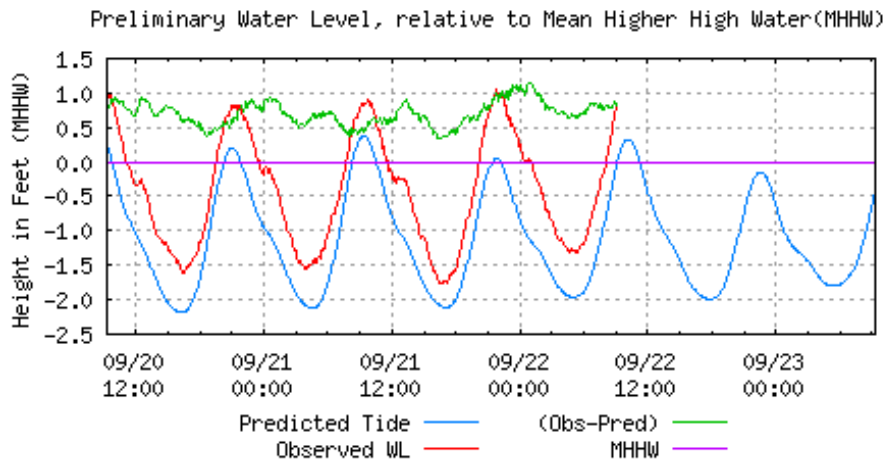
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/22/2017 09:18 (EDT)

Barometric Pressure: 1013.1 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



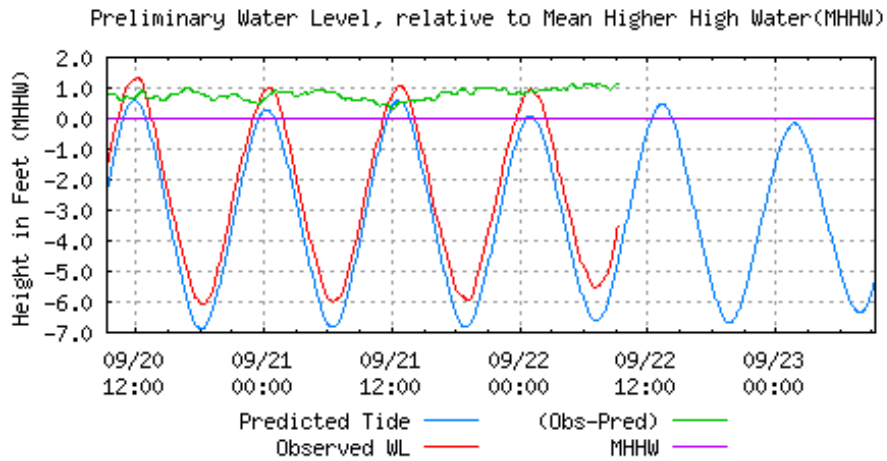
Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW

Observed: 0.81 ft. Predicted: 0.04 ft. Residual: 0.77 ft.

Historical Maximum Water Level: Sep 21 1938, 8.58 ft.

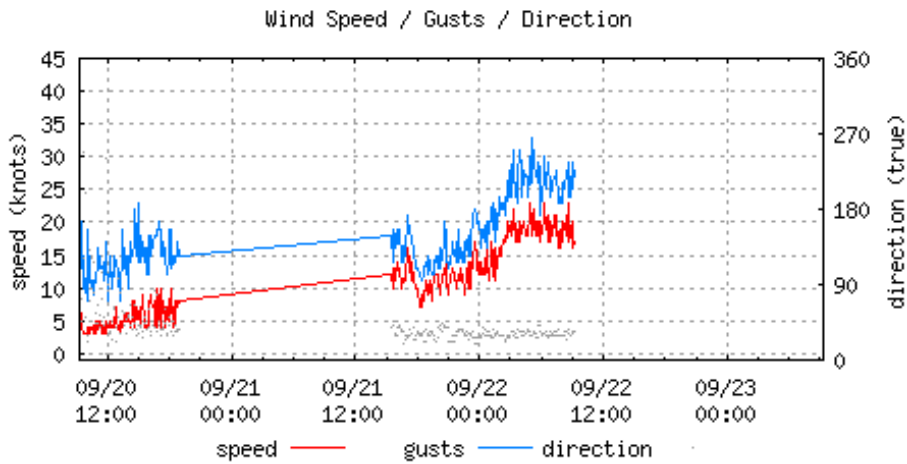
Next High Tide: 09/22/2017 10:10 (EDT), 0.33 ft.

NOAA/NOS/CO-OPS 8465705 New Haven, CT



Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
**Observed: -3.57 ft. Predicted: -4.68 ft. Residual: 1.11 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.  
 Next High Tide: 09/22/2017 13:20 (EDT), 0.48 ft.

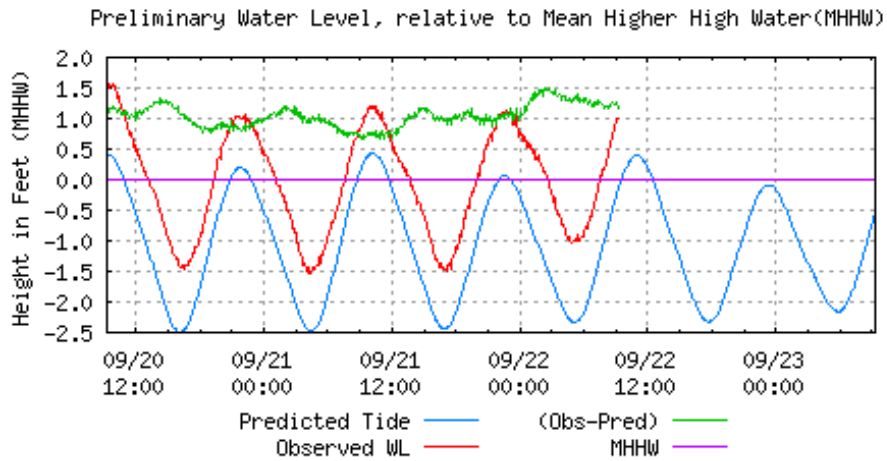
NOAA/NOS/CO-OPS 8465705 New Haven, CT



Last Observed Sample: 09/22/2017 09:12 (EDT)  
**Wind Speed: 17 knots Gusts: 27 knots Direction: 34° T**

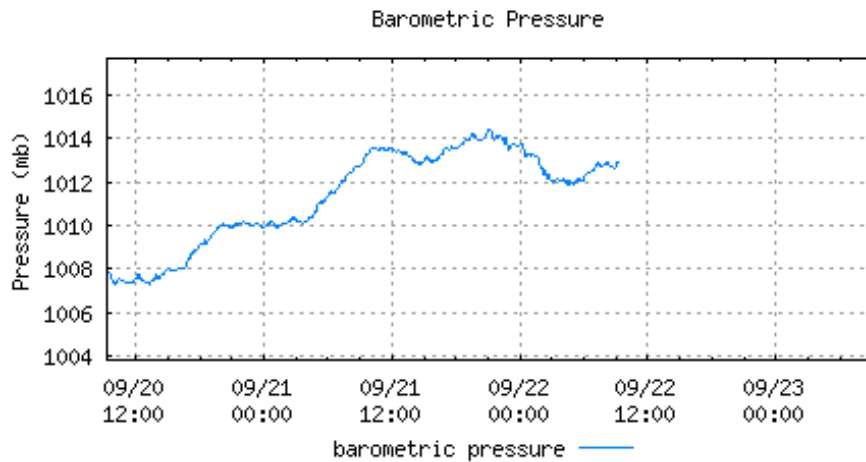


NOAA/NOS/CO-OPS 8510560 Montauk, NY



Last Observed Sample: 09/22/2017 09:18 (EDT). Data relative to MHHW  
**Observed: 1.14 ft. Predicted: -0.12 ft. Residual: 1.26 ft.**  
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.  
 Next High Tide: 09/22/2017 10:58 (EDT), 0.40 ft.

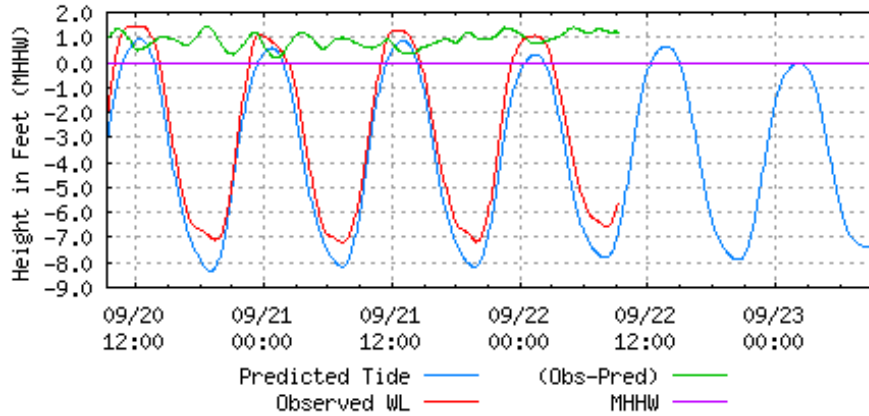
NOAA/NOS/CO-OPS 8510560 Montauk, NY



Last Observed Sample: 09/22/2017 09:18 (EDT)  
**Barometric Pressure: 1012.9 mb**

NOAA/NOS/CO-OPS 8516945 Kings Point, NY

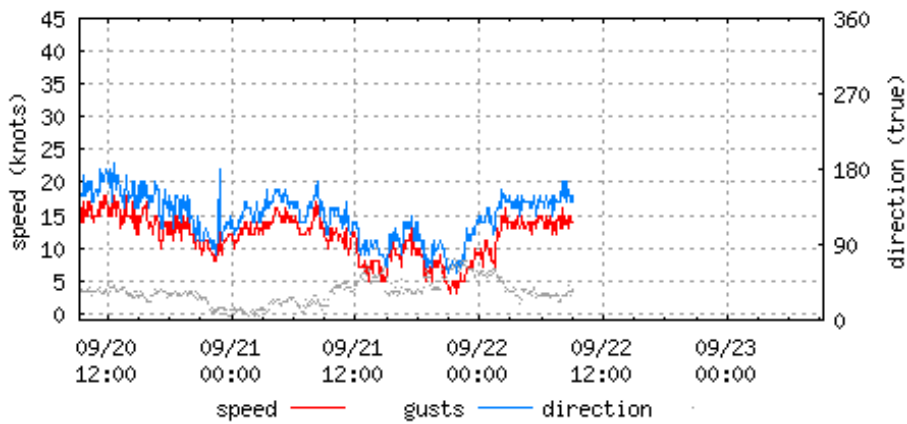
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/22/2017 09:18 (EDT). Data relative to MHHW  
**Observed: -5.50 ft. Predicted: -6.67 ft. Residual: 1.17 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.  
 Next High Tide: 09/22/2017 13:42 (EDT), 0.65 ft.

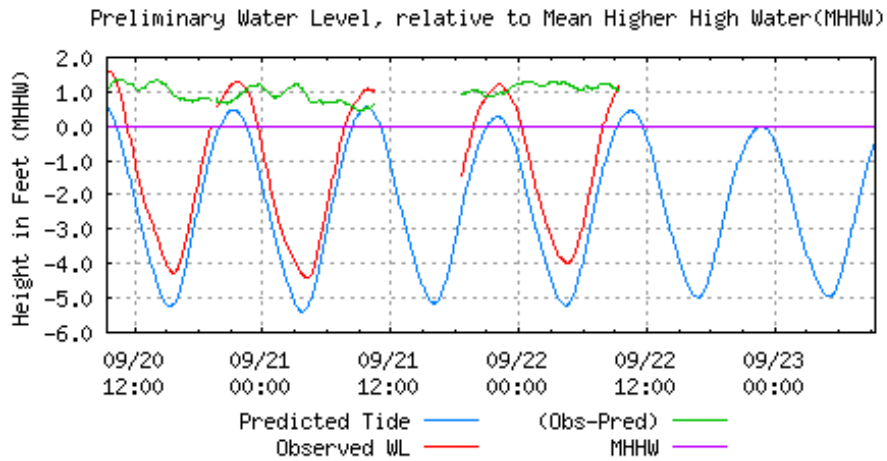
NOAA/NOS/CO-OPS 8516945 Kings Point, NY

Wind Speed / Gusts / Direction



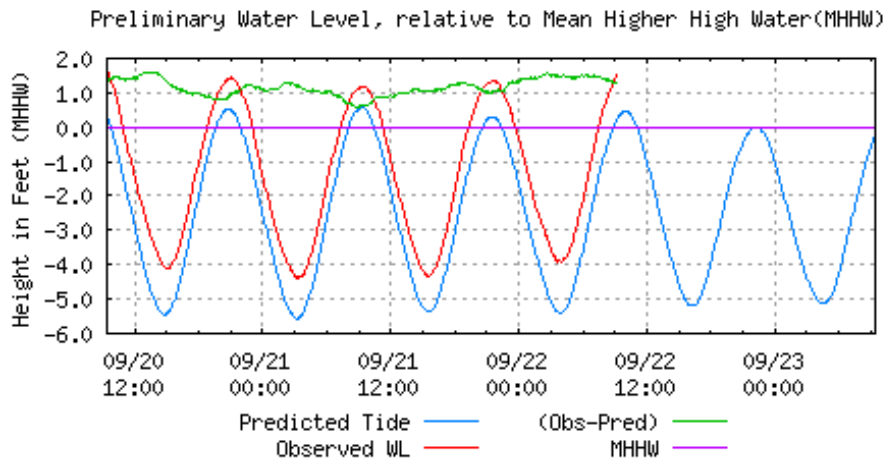
Last Observed Sample: 09/22/2017 09:18 (EDT)  
**Wind Speed: 15 knots Gusts: 18 knots Direction: 35° T**

NOAA/NOS/CO-OPS 8518750 The Battery, NY



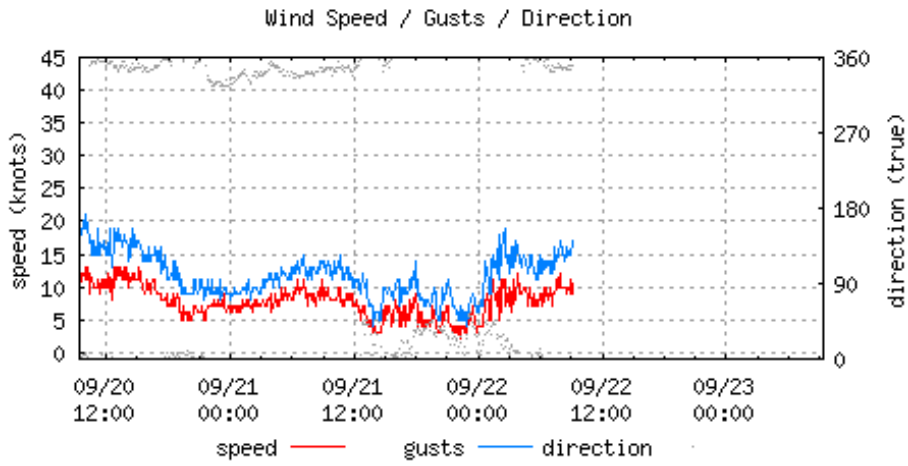
Last Observed Sample: 09/22/2017 09:24 (EDT). Data relative to MHHW  
**Observed: 1.16 ft. Predicted: 0.10 ft. Residual: 1.06 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.  
 Next High Tide: 09/22/2017 10:29 (EDT), 0.44 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
**Observed: 1.50 ft. Predicted: 0.22 ft. Residual: 1.28 ft.**  
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
 Next High Tide: 09/22/2017 09:58 (EDT), 0.45 ft.

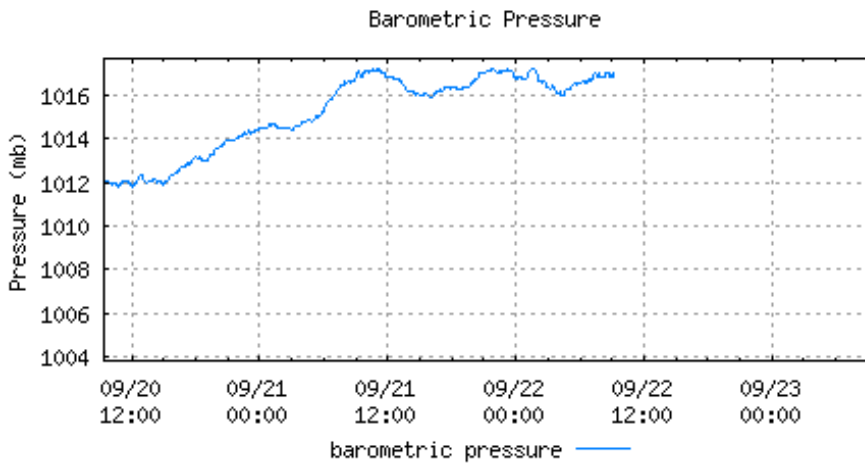
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/22/2017 09:12 (EDT)

Wind Speed: 9 knots Gusts: 17 knots Direction: 359° T

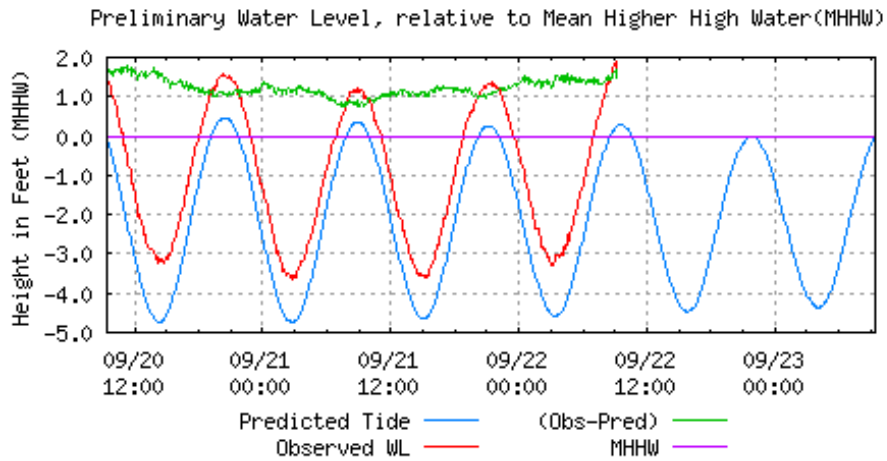
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/22/2017 09:12 (EDT)

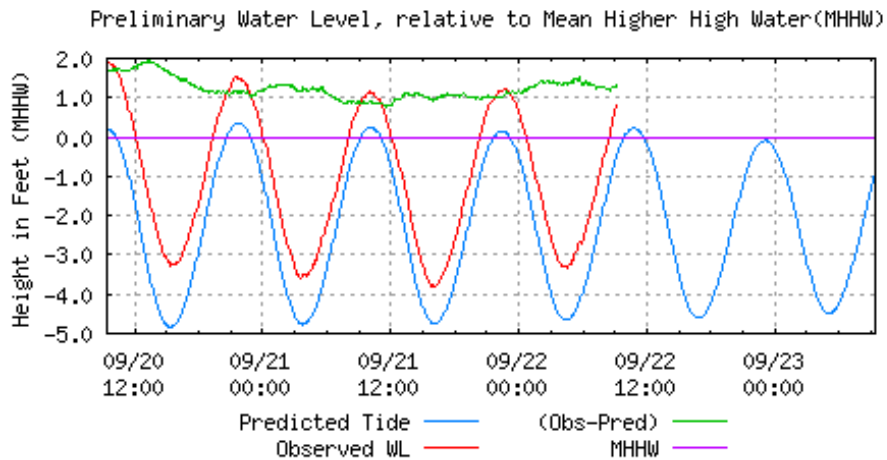
Barometric Pressure: 1017.0 mb

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ



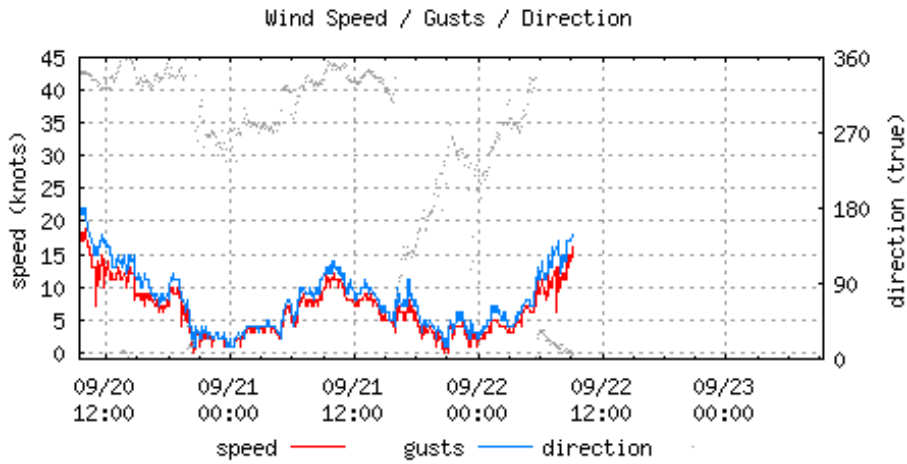
Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
**Observed: 1.74 ft. Predicted: 0.25 ft. Residual: 1.49 ft.**  
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
 Next High Tide: 09/22/2017 09:35 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
**Observed: 0.83 ft. Predicted: -0.46 ft. Residual: 1.29 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.  
 Next High Tide: 09/22/2017 10:46 (EDT), 0.23 ft.

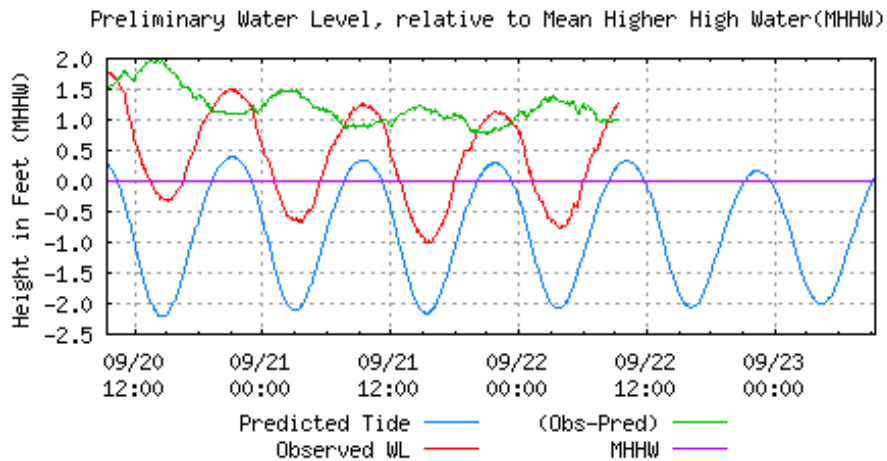
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/22/2017 09:12 (EDT)

Wind Speed: 16 knots Gusts: 18 knots Direction: 4° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



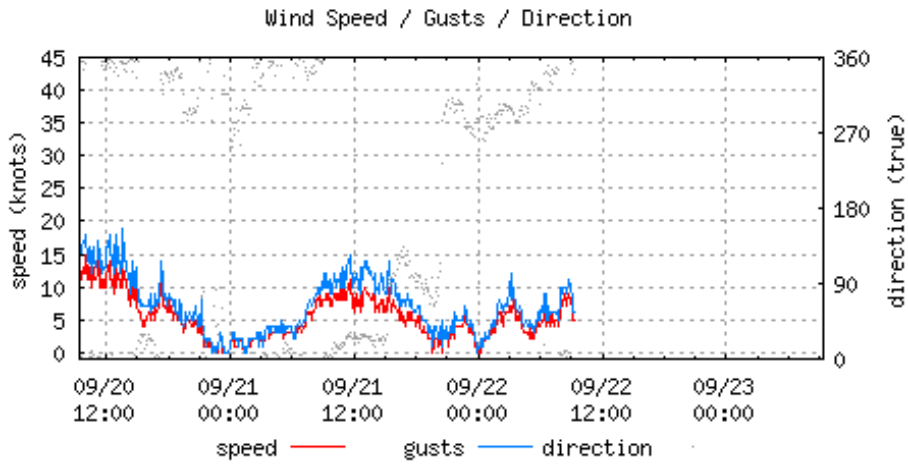
Last Observed Sample: 09/22/2017 09:18 (EDT). Data relative to MHHW

Observed: 1.26 ft. Predicted: 0.26 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft.

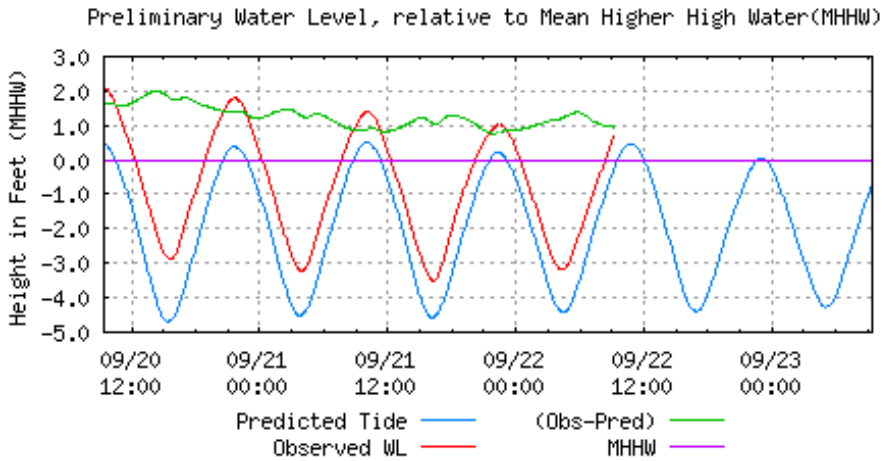
Next High Tide: 09/22/2017 10:05 (EDT), 0.33 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/22/2017 09:18 (EDT)  
 Wind Speed: 5 knots Gusts: 6 knots Direction: 346° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/22/2017 09:12 (EDT). Data relative to MHHW  
 Observed: 0.68 ft. Predicted: -0.26 ft. Residual: 0.94 ft.  
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.  
 Next High Tide: 09/22/2017 10:46 (EDT), 0.48 ft.

Latest Water Level Observations on MHHW

<b>Station ID</b>	<b>Station Name</b>	<b>Date/Time</b>	<b>Observed Water Level</b>	<b>Predicted Tide</b>	<b>Residual Water Level</b>	<b>24 Hour Maximum Storm Tide</b>
8447435	Chatham, MA	09/22/2017 08:30 (EDT)	-3.40 ft	-5.36 ft	1.96 ft	2.10 ft
8449130	Nantucket Island, MA	09/22/2017 09:12 (EDT)	-1.23 ft	-2.91 ft	1.68 ft	1.43 ft
8452660	Newport, RI	09/22/2017 09:18 (EDT)	1.13 ft	0.39 ft	0.74 ft	1.14 ft
8447930	Woods Hole, MA	09/22/2017 09:12 (EDT)	0.81 ft	0.04 ft	0.77 ft	1.06 ft
8465705	New Haven, CT	09/22/2017 09:12 (EDT)	-3.57 ft	-4.68 ft	1.11 ft	1.09 ft
8510560	Montauk, NY	09/22/2017 09:18 (EDT)	1.14 ft	-0.12 ft	1.26 ft	1.20 ft
8516945	Kings Point, NY	09/22/2017 09:18 (EDT)	-5.50 ft	-6.67 ft	1.17 ft	1.29 ft
8518750	The Battery, NY	09/22/2017 09:24 (EDT)	1.16 ft	0.10 ft	1.06 ft	1.23 ft
8531680	Sandy Hook, NJ	09/22/2017 09:12 (EDT)	1.50 ft	0.22 ft	1.28 ft	1.50 ft
8534720	Atlantic City, NJ	09/22/2017 09:12 (EDT)	1.74 ft	0.25 ft	1.49 ft	1.90 ft
8557380	Lewes, DE	09/22/2017 09:12 (EDT)	0.83 ft	-0.46 ft	1.29 ft	1.24 ft
8570283	Ocean City Inlet, MD	09/22/2017 09:18 (EDT)	1.26 ft	0.26 ft	1.00 ft	1.27 ft
8631044	Wachapreague, VA	09/22/2017 09:12 (EDT)	0.68 ft	-0.26 ft	0.94 ft	1.40 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce