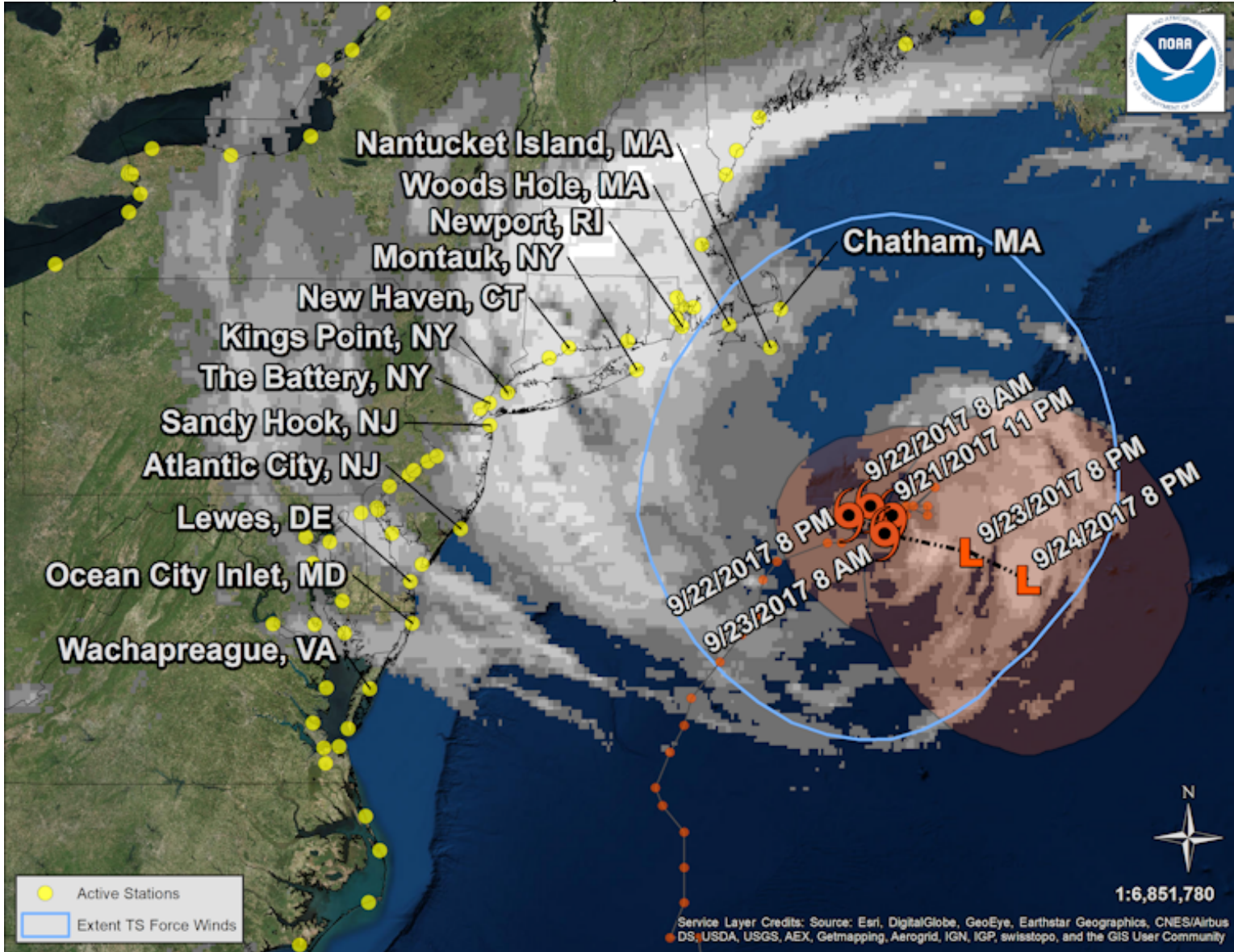




Post-tropical Storm JOSE QuickLook
Posted: 00:00 AST 09/22/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/22/2017 00:00 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 between 2 and 2.5 feet above normal tide levels. Elsewhere, water levels range between 0.8 and 1.4 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 35-40 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: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Post-Tropical Cyclone Jose Advisory Number 67
NWS National Hurricane Center Miami FL AL122017
1100 PM AST Thu Sep 21 2017

...JOSE BECOMES POST TROPICAL...
...TROPICAL STORM CONDITIONS CONTINUE IN EXTREME SOUTHEASTERN NEW ENGLAND...

SUMMARY OF 1100 PM AST...0300 UTC...INFORMATION

LOCATION...39.5N 68.4W
ABOUT 145 MI...230 KM SE OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...50 MPH...85 KM/H
PRESENT MOVEMENT...W OR 270 DEGREES AT 2 MPH...4 KM/H
MINIMUM CENTRAL PRESSURE...987 MB...29.15 INCHES

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

At 1100 PM AST (0300 UTC), the center of Post-Tropical Cyclone Jose was located near latitude 39.5 North, longitude 68.4 West. Jose is slowly moving toward the west near 2 mph (4 km/h). Little motion is expected for the next 48 hours, and Jose is forecast to meander well offshore of the coast of southeastern New England during the next few days.

Maximum sustained winds are near 50 mph (85 km/h) with higher gusts. Gradual weakening is forecast for the next two days.

Jose is a large system. Tropical-storm-force winds extend outward up to 205 miles (335 km) from the center. A sustained wind of 39 mph (63 km/h) with a gust to 54 mph (87 km/h) was recently reported at the Nantucket airport. An unofficial observing site in Vineyard Haven on Martha's Vineyard has reported a sustained wind of 41 mph (63 km/h) with a gust to 52 mph (84 km/h) within the past hour.

The estimated minimum central pressure is 987 mb (29.15 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to continue in the warning area through tonight.

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 totals of 1 to 2 inches across Cape Cod and the offshore islands of Martha's Vineyard and Nantucket bringing storm total accumulations towards 5 inches.

NEXT ADVISORY

Next intermediate advisory at 200 AM AST.
Next complete advisory at 500 AM AST.

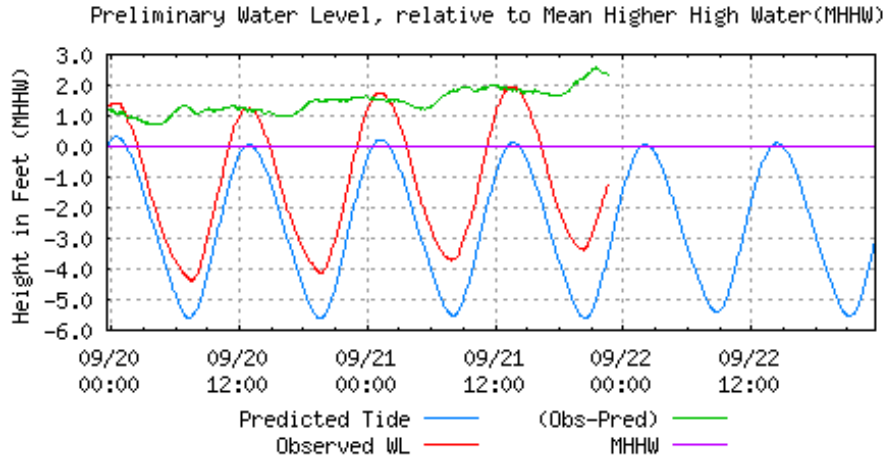
\$\$
Forecaster Zelinsky

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](#)

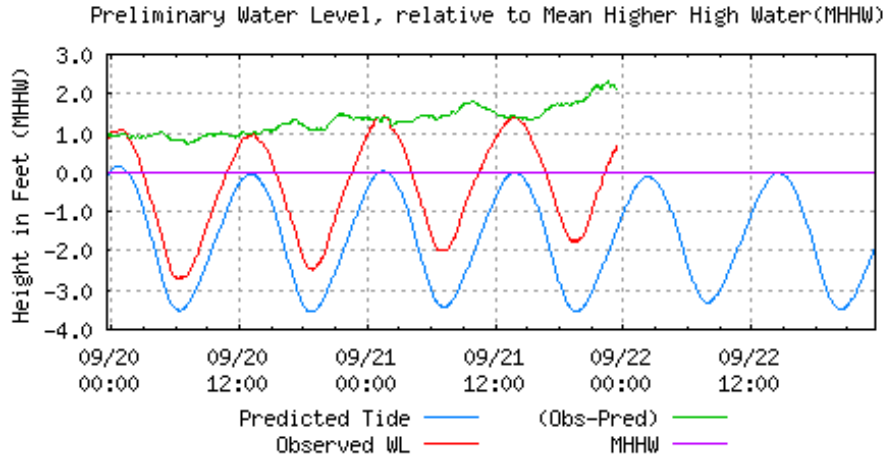
Level, Kings Point - Winds, The Battery - Water Level, Sandy Hook - Water Level, Sandy Hook - Winds, Sandy Hook - Barometric, Atlantic City - Water Level, Lewes - Water Level, Lewes - Winds, Ocean City Inlet - Water Level, Ocean City Inlet - Winds, Wachapreague - Water Level

NOAA/NOS/CO-OPS 8447435 Chatham, MA



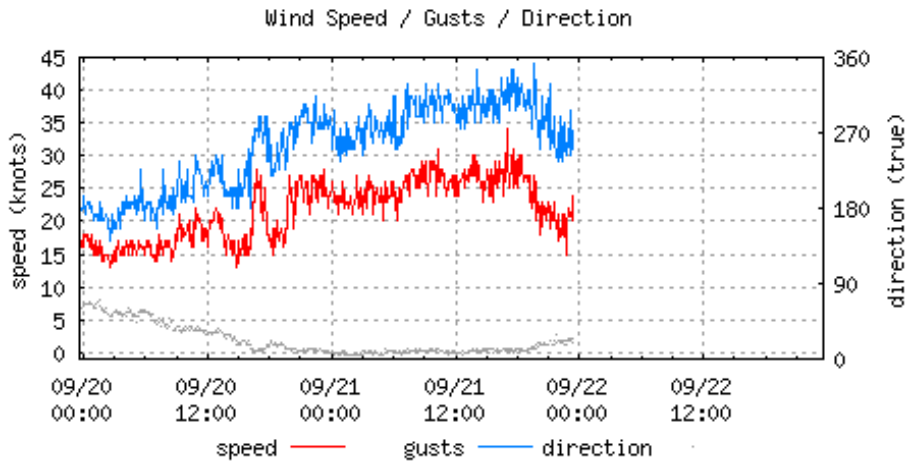
Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.16 ft. Predicted: -2.12 ft. Residual: 2.28 ft.
 Historical Maximum Water Level: Jan 3 2014, 4.26 ft.
 Next High Tide: 09/22/2017 02:03 (EDT), 0.07 ft.

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



Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.72 ft. Predicted: -1.39 ft. Residual: 2.11 ft.
 Historical Maximum Water Level: Oct 30 1991, 4.29 ft.
 Next High Tide: 09/22/2017 02:18 (EDT), -0.12 ft.

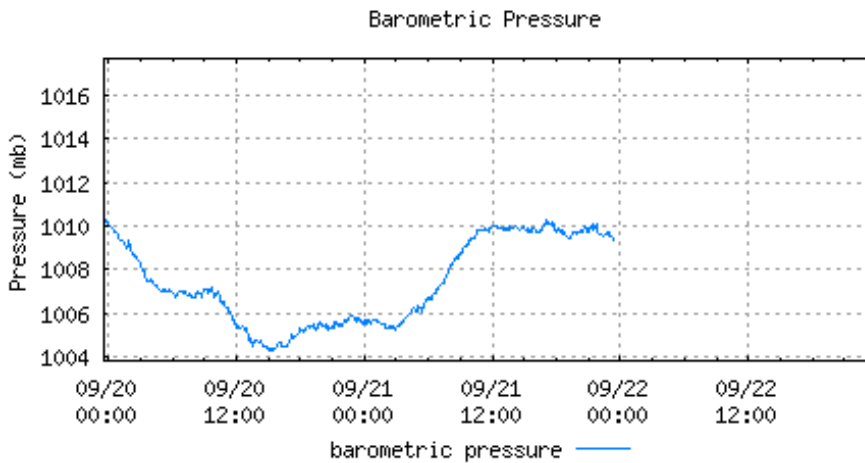
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/21/2017 23:30 (EDT)

Wind Speed: 21 knots Gusts: 34 knots Direction: 24° T

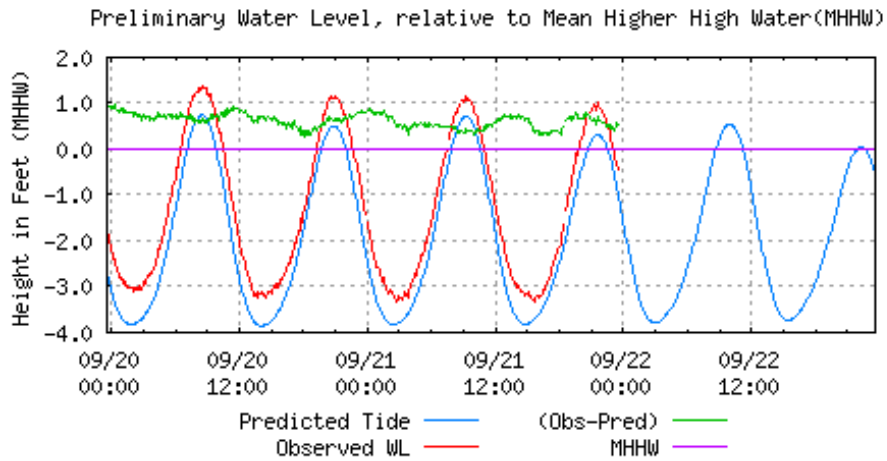
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/21/2017 23:30 (EDT)

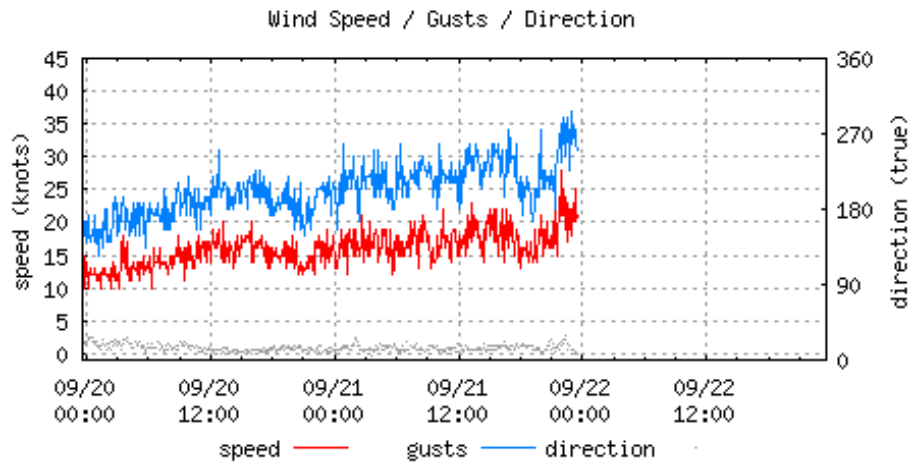
Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8452660 Newport, RI



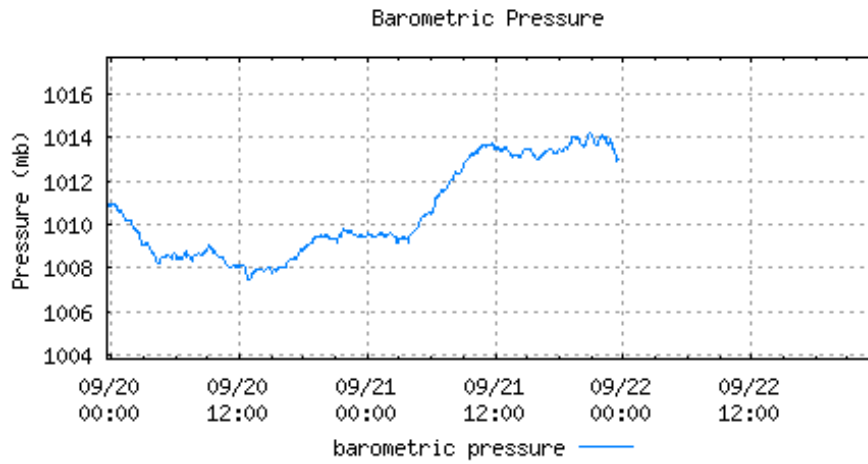
Last Observed Sample: 09/21/2017 23:36 (EDT). Data relative to MHHW
Observed: -0.44 ft. Predicted: -1.10 ft. Residual: 0.66 ft.
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.
 Next High Tide: 09/22/2017 09:58 (EDT), 0.55 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 23:36 (EDT)
Wind Speed: 20 knots Gusts: 27 knots Direction: 11° T

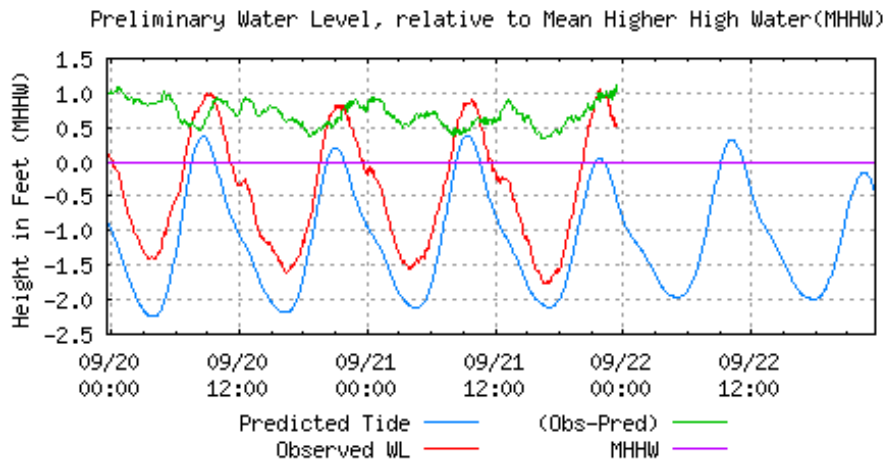
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 23:36 (EDT)

Barometric Pressure: 1013.2 mb

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



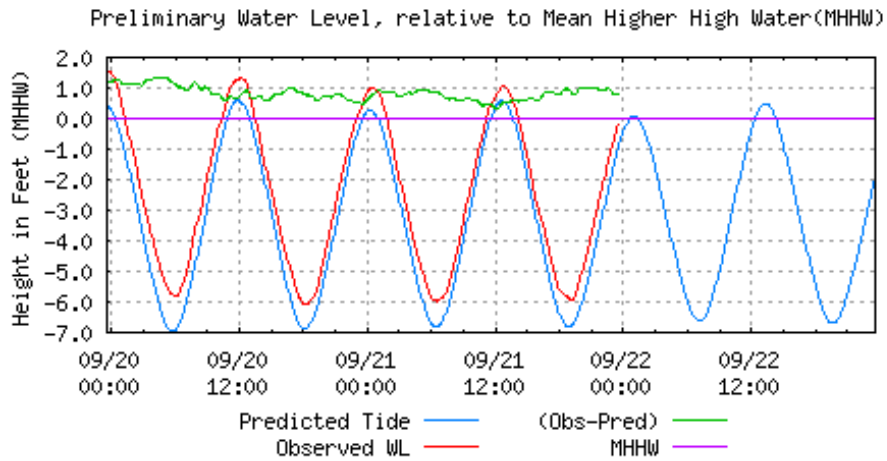
Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW

Observed: 0.48 ft. Predicted: -0.61 ft. Residual: 1.09 ft.

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

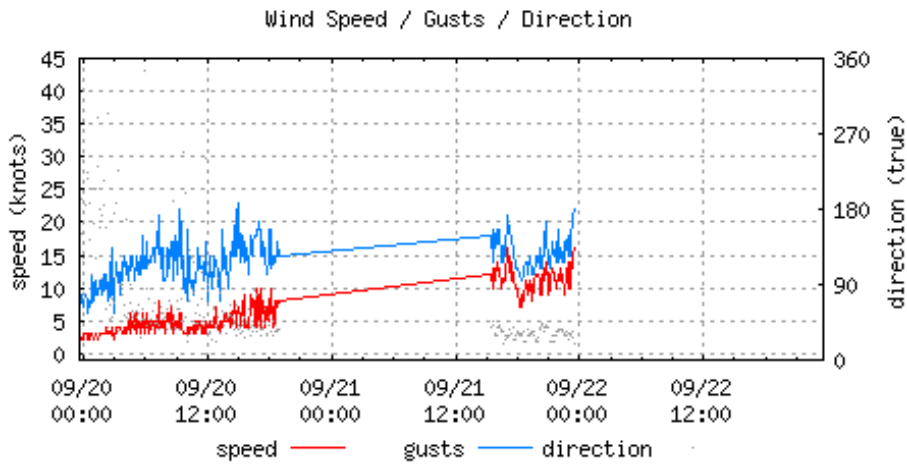
Next High Tide: 09/22/2017 10:10 (EDT), 0.33 ft.

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



Last Observed Sample: 09/21/2017 23:36 (EDT). Data relative to MHHW
Observed: -0.05 ft. Predicted: -0.88 ft. Residual: 0.83 ft.
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.
 Next High Tide: 09/22/2017 01:00 (EDT), 0.08 ft.

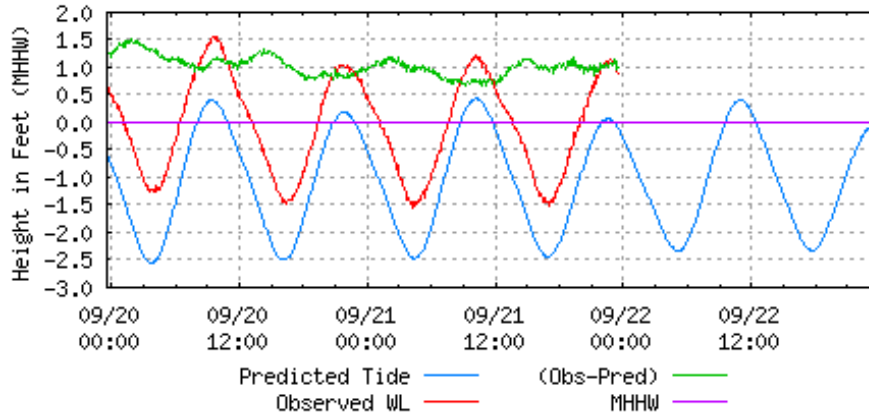
NOAA/NOS/CO-OPS 8465705 New Haven, CT



Last Observed Sample: 09/21/2017 23:36 (EDT)
Wind Speed: 17 knots Gusts: 22 knots Direction: 26° T

NOAA/NOS/CO-OPS 8510560 Montauk, NY

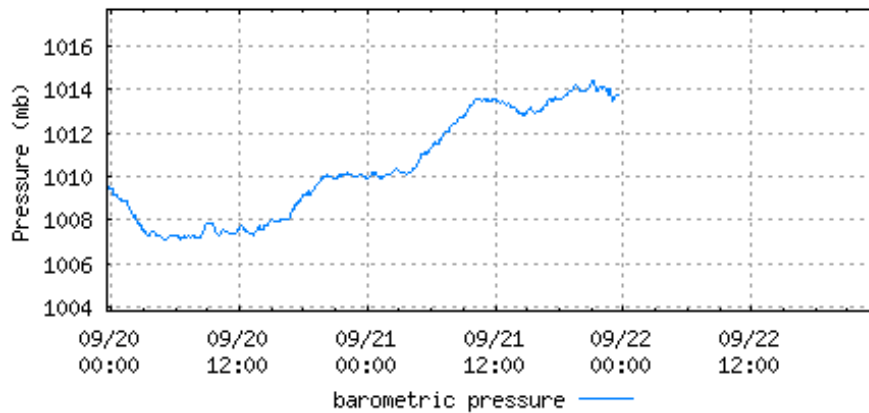
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/21/2017 23:36 (EDT). Data relative to MHHW
Observed: 1.03 ft. Predicted: -0.13 ft. Residual: 1.16 ft.
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
 Next High Tide: 09/22/2017 10:58 (EDT), 0.40 ft.

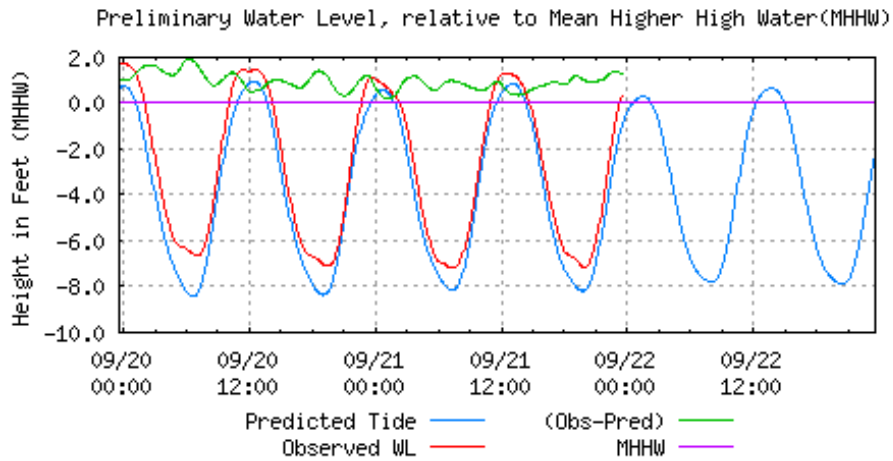
NOAA/NOS/CO-OPS 8510560 Montauk, NY

Barometric Pressure



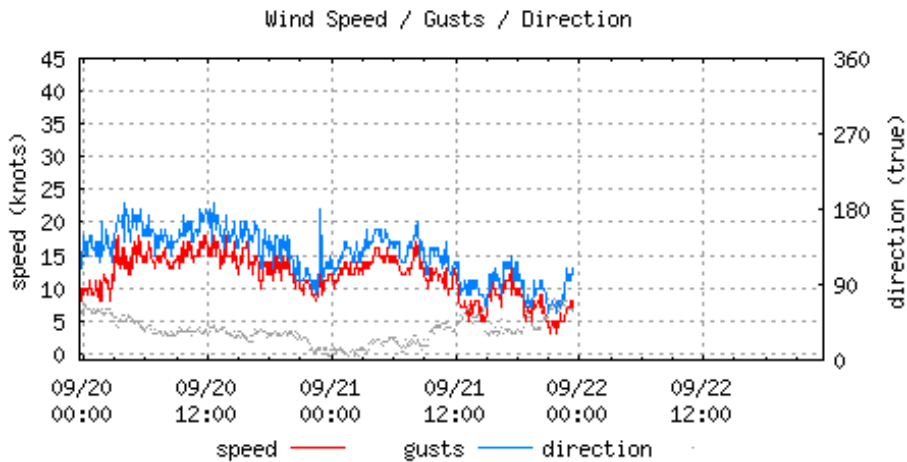
Last Observed Sample: 09/21/2017 23:36 (EDT)
Barometric Pressure: 1013.7 mb

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



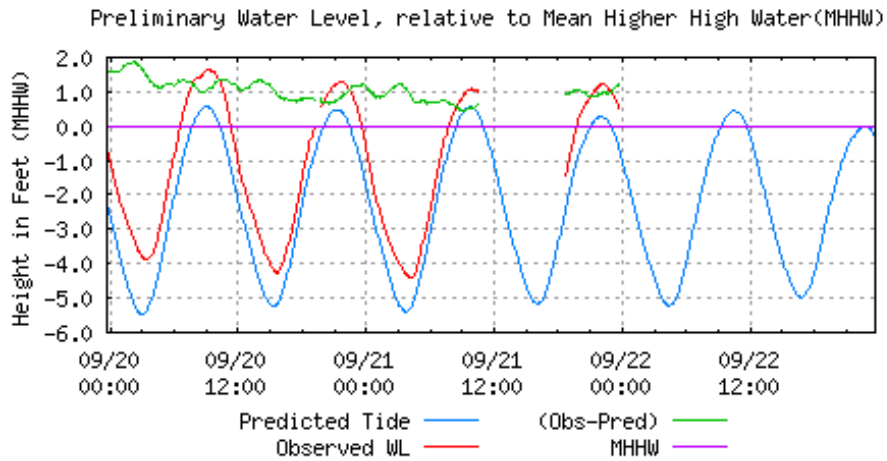
Last Observed Sample: 09/21/2017 23:36 (EDT). Data relative to MHHW
Observed: 0.39 ft. Predicted: -0.85 ft. Residual: 1.24 ft.
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.
 Next High Tide: 09/22/2017 01:28 (EDT), 0.30 ft.

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



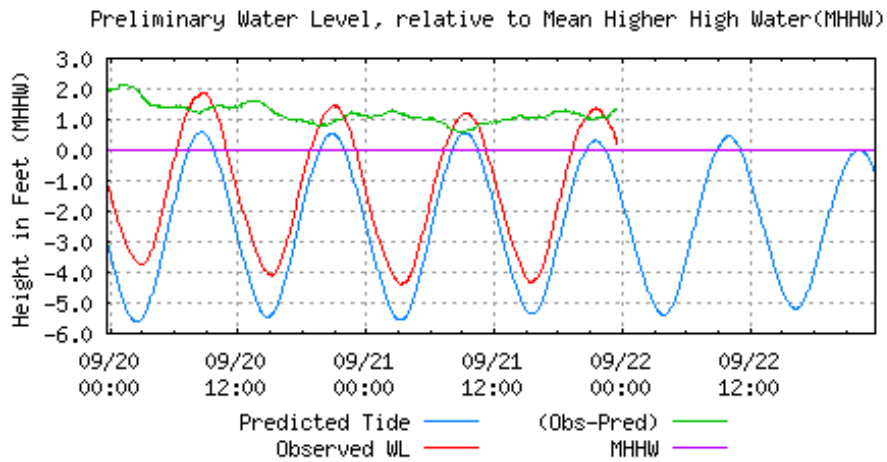
Last Observed Sample: 09/21/2017 23:36 (EDT)
Wind Speed: 9 knots Gusts: 12 knots Direction: 51° T

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



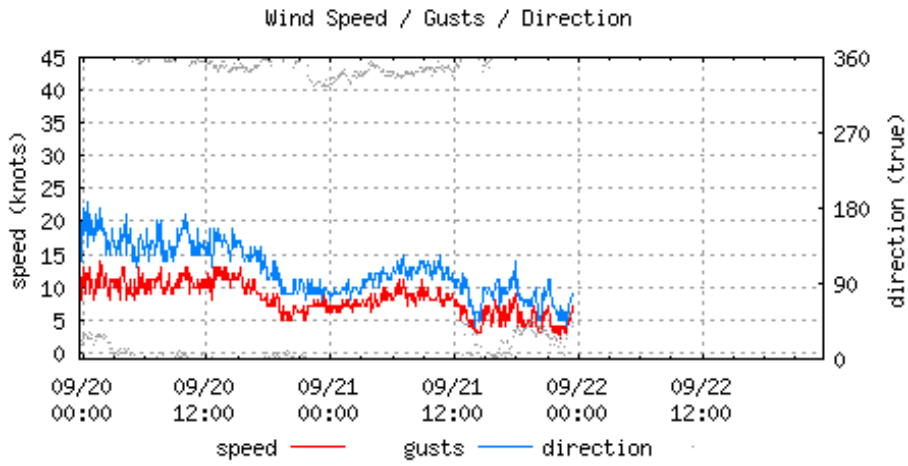
Last Observed Sample: 09/21/2017 23:42 (EDT). Data relative to MHHW
Observed: 0.53 ft. Predicted: -0.67 ft. Residual: 1.20 ft.
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.
 Next High Tide: 09/22/2017 10:29 (EDT), 0.44 ft.

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



Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.20 ft. Predicted: -1.10 ft. Residual: 1.30 ft.
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
 Next High Tide: 09/22/2017 09:58 (EDT), 0.45 ft.

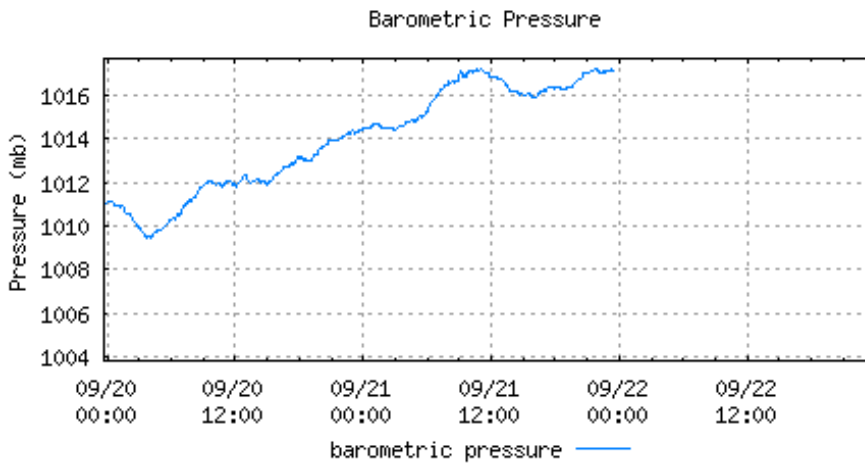
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 23:30 (EDT)

Wind Speed: 6 knots Gusts: 9 knots Direction: 40° T

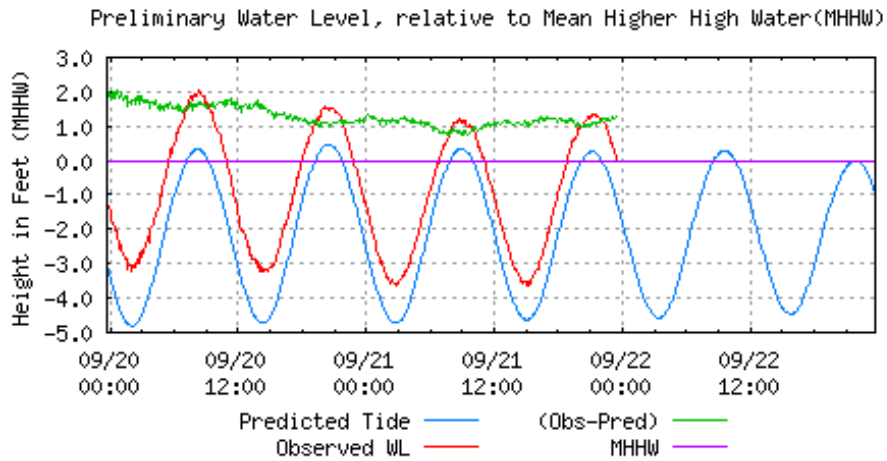
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 23:30 (EDT)

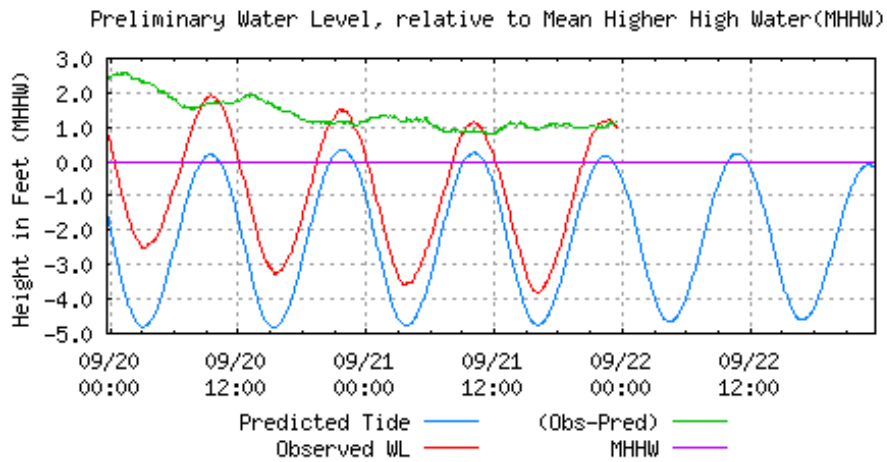
Barometric Pressure: 1017.1 mb

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



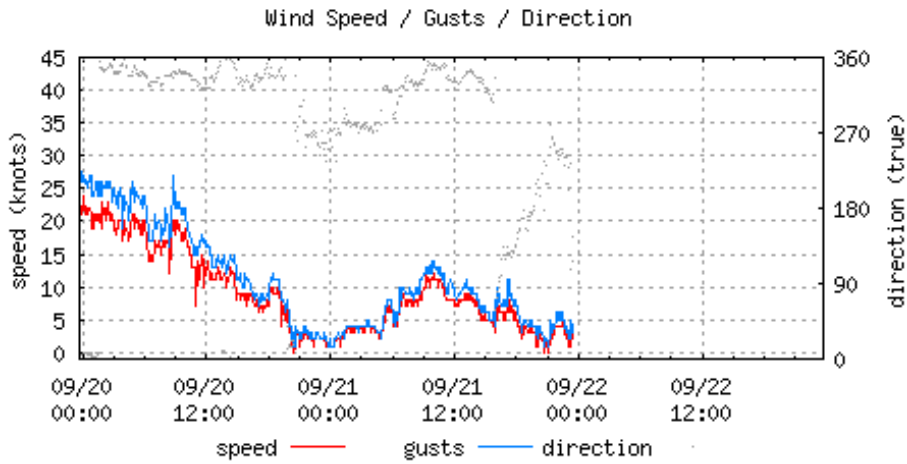
Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.05 ft. Predicted: -1.24 ft. Residual: 1.29 ft.
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.
 Next High Tide: 09/22/2017 09:35 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW
Observed: 0.99 ft. Predicted: -0.17 ft. Residual: 1.16 ft.
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
 Next High Tide: 09/22/2017 10:46 (EDT), 0.23 ft.

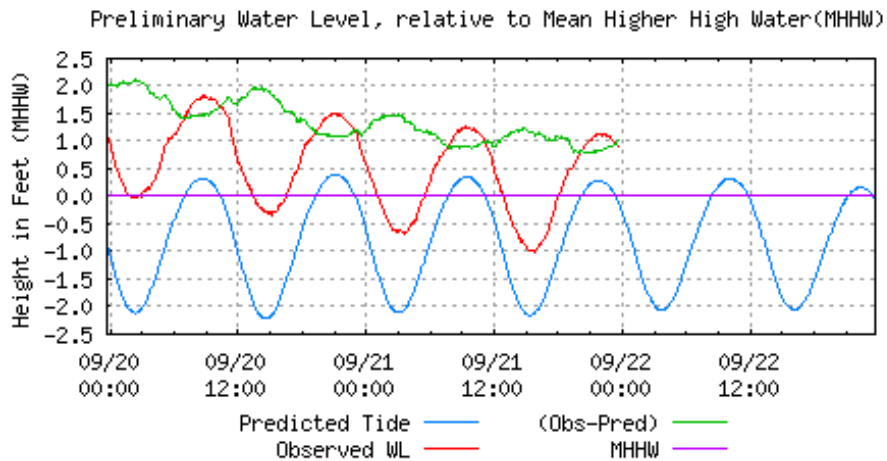
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/21/2017 23:30 (EDT)

Wind Speed: 2 knots Gusts: 3 knots Direction: 147° T

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



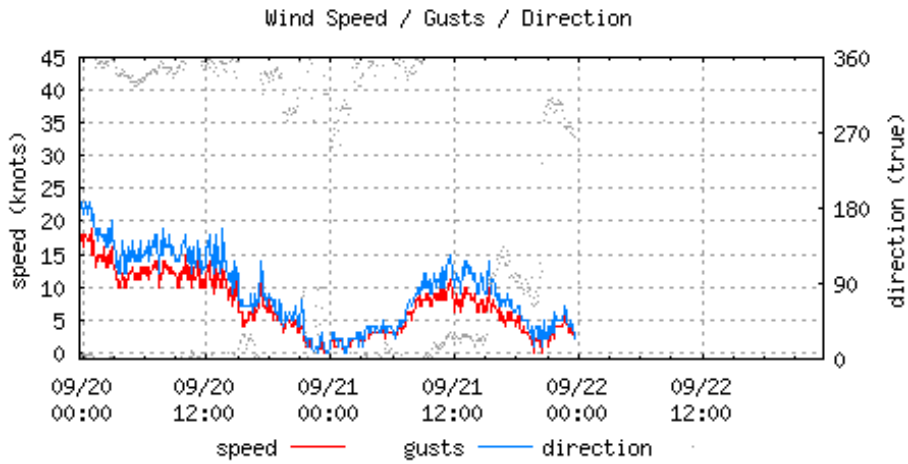
Last Observed Sample: 09/21/2017 23:36 (EDT). Data relative to MHHW

Observed: 0.91 ft. Predicted: -0.09 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.

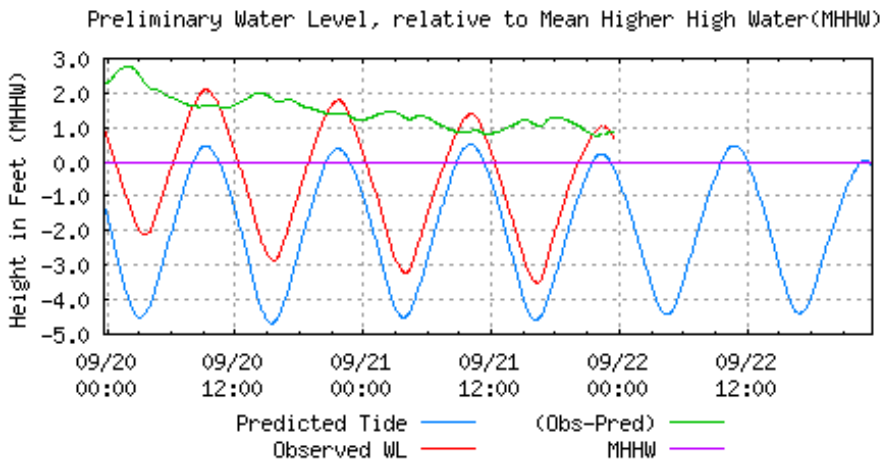
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/21/2017 23:36 (EDT)

Wind Speed: 2 knots Gusts: 2 knots Direction: 266° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/21/2017 23:30 (EDT). Data relative to MHHW

Observed: 0.68 ft. Predicted: -0.20 ft. Residual: 0.88 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

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8447435	Chatham, MA	09/21/2017 23:30 (EDT)	0.16 ft	-2.12 ft	2.28 ft	1.96 ft
8449130	Nantucket Island, MA	09/21/2017 23:30 (EDT)	0.72 ft	-1.39 ft	2.11 ft	1.43 ft
8452660	Newport, RI	09/21/2017 23:36 (EDT)	-0.44 ft	-1.10 ft	0.66 ft	1.14 ft
8447930	Woods Hole, MA	09/21/2017 23:30 (EDT)	0.48 ft	-0.61 ft	1.09 ft	1.06 ft
8465705	New Haven, CT	09/21/2017 23:36 (EDT)	-0.05 ft	-0.88 ft	0.83 ft	1.09 ft
8510560	Montauk, NY	09/21/2017 23:36 (EDT)	1.03 ft	-0.13 ft	1.16 ft	1.20 ft
8516945	Kings Point, NY	09/21/2017 23:36 (EDT)	0.39 ft	-0.85 ft	1.24 ft	1.29 ft
8518750	The Battery, NY	09/21/2017 23:42 (EDT)	0.53 ft	-0.67 ft	1.20 ft	1.29 ft
8531680	Sandy Hook, NJ	09/21/2017 23:30 (EDT)	0.20 ft	-1.10 ft	1.30 ft	1.37 ft
8534720	Atlantic City, NJ	09/21/2017 23:30 (EDT)	0.05 ft	-1.24 ft	1.29 ft	1.36 ft
8557380	Lewes, DE	09/21/2017 23:30 (EDT)	0.99 ft	-0.17 ft	1.16 ft	1.24 ft
8570283	Ocean City Inlet, MD	09/21/2017 23:36 (EDT)	0.91 ft	-0.09 ft	1.00 ft	1.27 ft
8631044	Wachapreague, VA	09/21/2017 23:30 (EDT)	0.68 ft	-0.20 ft	0.88 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