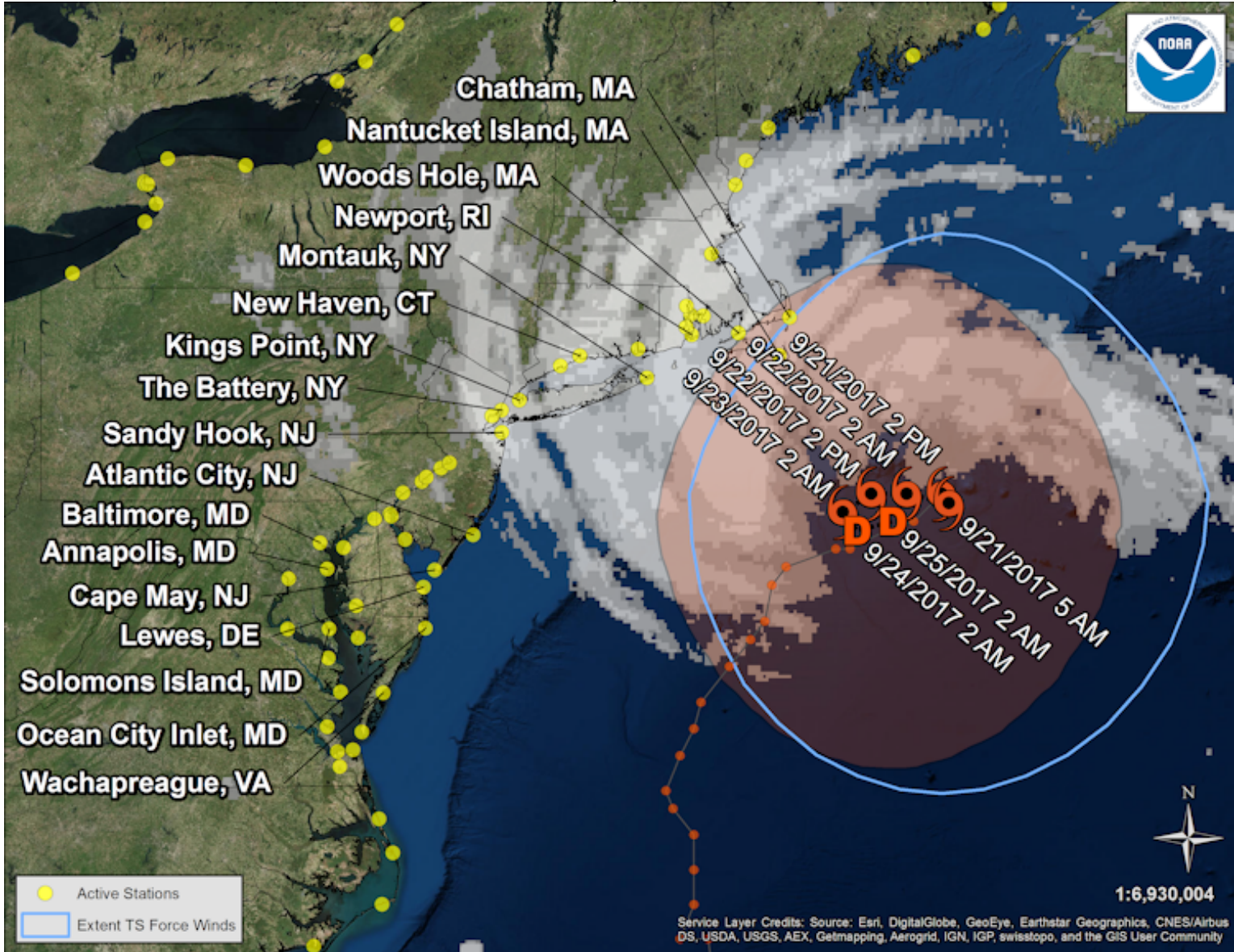




Tropical Storm JOSE QuickLook  
 Posted: 06:00 AST 09/21/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/21/2017 06:00 AST, water levels from the mid-Atlantic to southern New England, including Chesapeake Bay remain elevated due to Tropical Storm Jose and range between 0.5 and 1.5 feet above normal tide levels.

Winds are strongest at Nantucket Island, MA with speeds of about 25 kts and gusts of 35 to 40 kts. Winds from Sandy Hook, NJ to Newport, RI have decreased and are now measuring at 15 kts or less. South of Sandy Hook,

winds are light and variable. Barometric pressure has bottomed out or is rising across the region.

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

-----  
SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Jose Advisory Number 64  
NWS National Hurricane Center Miami FL  
500 AM AST Thu Sep 21 2017

...GUSTY AND RAINY CONDITIONS ALONG PARTS OF THE SOUTHEAST NEW ENGLAND COAST WILL CONTINUE TODAY...

...HIGH SURF AND RIP CURRENTS LIKELY TO CONTINUE ON US EAST COAST...

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

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

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 Tropical Storm Jose was ABOUT 150 MI OF NANTUCKET MASSACHUSETTS. Jose is moving toward the east near 2 mph. Jose is expected to meander off the coast of southeast New England for the next several days.

Maximum sustained winds are near 60 mph with higher gusts. Gradual weakening is forecast during the next 48 h. Jose is forecast to become post-tropical by Friday.

Tropical-storm-force winds extend outward up to 230 miles from the center. A gust to 48 mph was recently reported at the Nantucket Airport. An unofficial observing site in Vineyard Haven recently reported a sustained wind of 38 mph and a gust to 49 mph.

The estimated minimum central pressure is 982 mb.

#### HAZARDS AFFECTING LAND

-----  
WIND: Tropical storm conditions are expected to occur in the warning area today.

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 several days. For more information, please consult products from your local weather office.

RAINFALL: Jose is expected to produce the following additional rainfall accumulations through Friday:

Martha's Vineyard and Cape Cod...additional 1 to 2 inches.  
Nantucket...additional 2 to 4 inches.

#### NEXT ADVISORY

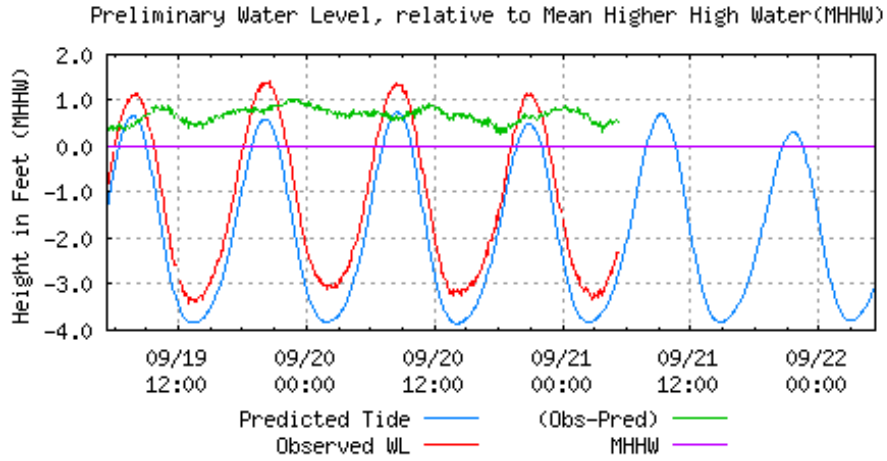
-----  
Next intermediate advisory at 800 AM AST.  
Next complete advisory at 1100 AM AST.

\$\$  
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.

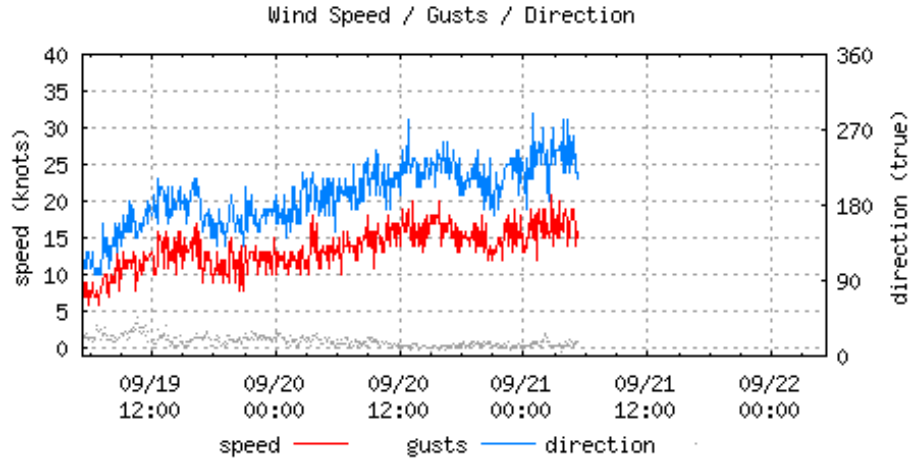
Jump to: [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Chatham - Water Level](#), [New Haven - Water Level](#), [New Haven - Winds](#), [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](#), [Cape May - Water Level](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Baltimore - Water Level](#), [Annapolis - Water Level](#), [Solomons Island - Water Level](#), [Solomons Island - Winds](#)

NOAA/NOS/CO-OPS 8452660 Newport, RI



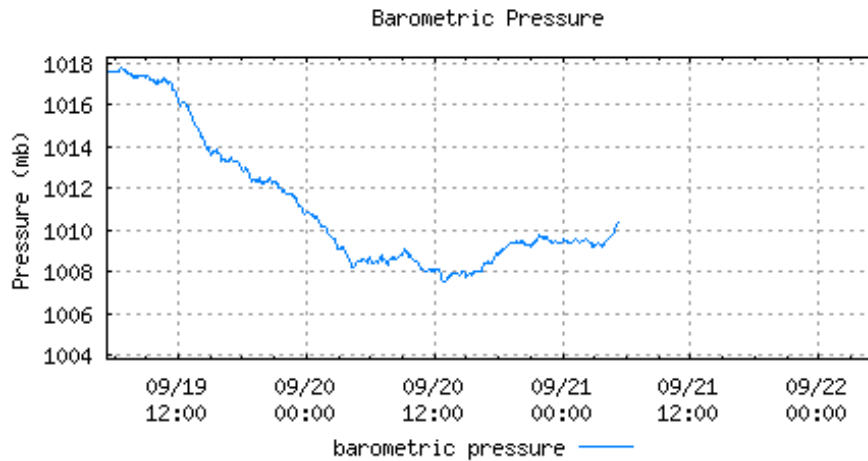
Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -2.29 ft. Predicted: -2.81 ft. Residual: 0.52 ft.**  
Historical Maximum Water Level: Sep 21 1938, 9.46 ft.  
Next High Tide: 09/21/2017 09:15 (EDT), 0.71 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 05:12 (EDT)  
**Wind Speed: 16 knots Gusts: 23 knots Direction: 18° T**

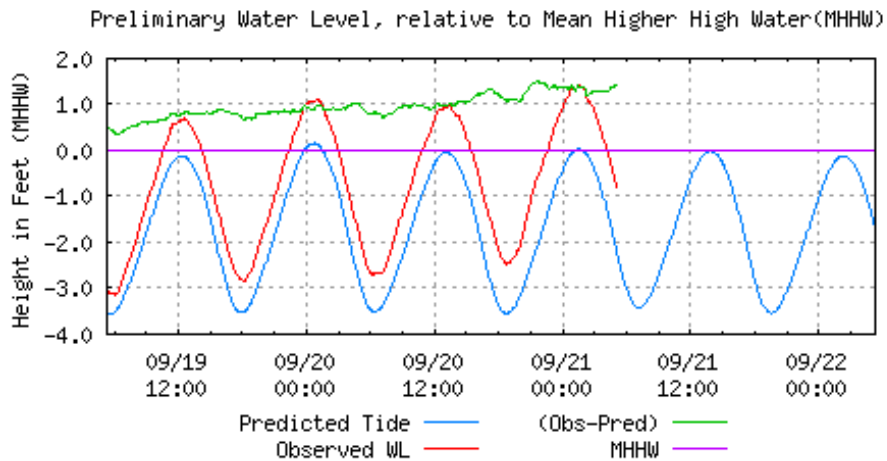
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 05:12 (EDT)

Barometric Pressure: 1010.4 mb

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



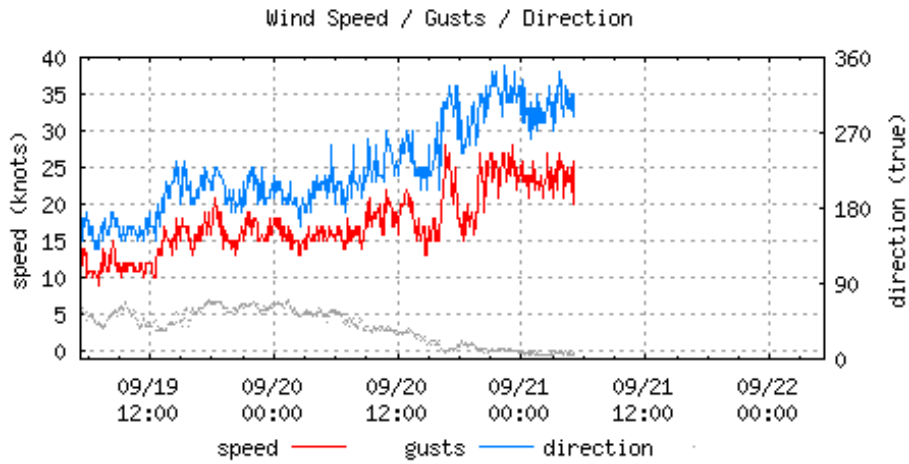
Last Observed Sample: 09/21/2017 05:06 (EDT). Data relative to MHHW

Observed: -0.81 ft. Predicted: -2.25 ft. Residual: 1.44 ft.

Historical Maximum Water Level: Oct 30 1991, 4.29 ft.

Next High Tide: 09/21/2017 13:49 (EDT), -0.01 ft.

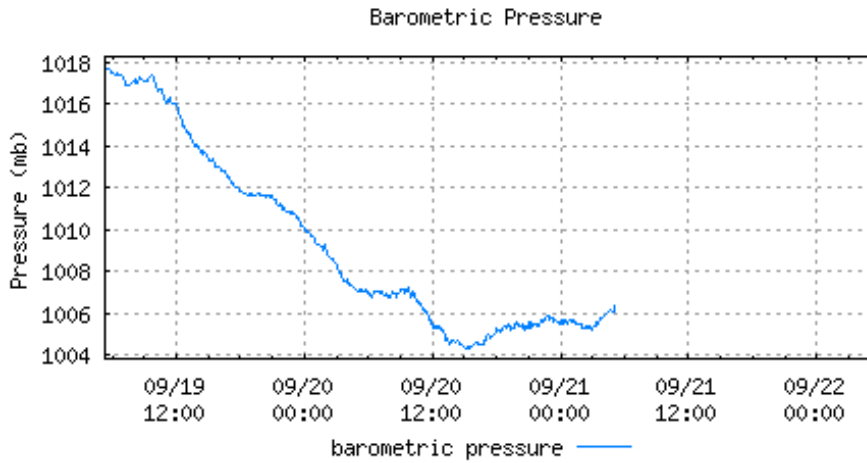
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/21/2017 05:06 (EDT)

Wind Speed: 26 knots Gusts: 35 knots Direction: 8° T

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

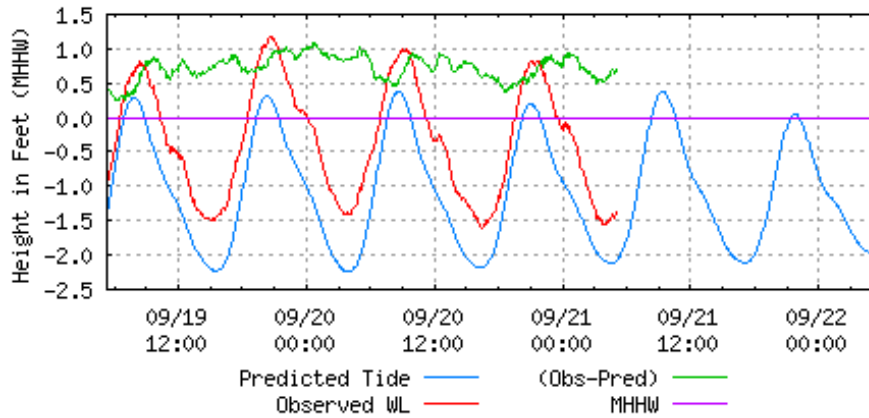


Last Observed Sample: 09/21/2017 05:06 (EDT)

Barometric Pressure: 1006.3 mb

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

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



Last Observed Sample: 09/21/2017 05:06 (EDT). Data relative to MHHW

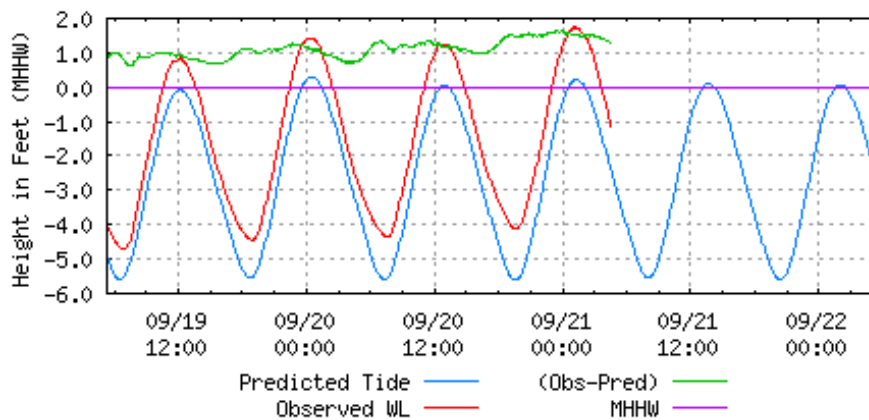
**Observed: -1.36 ft. Predicted: -2.07 ft. Residual: 0.71 ft.**

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

Next High Tide: 09/21/2017 09:23 (EDT), 0.39 ft.

NOAA/NOS/CO-OPS 8447435 Chatham, MA

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



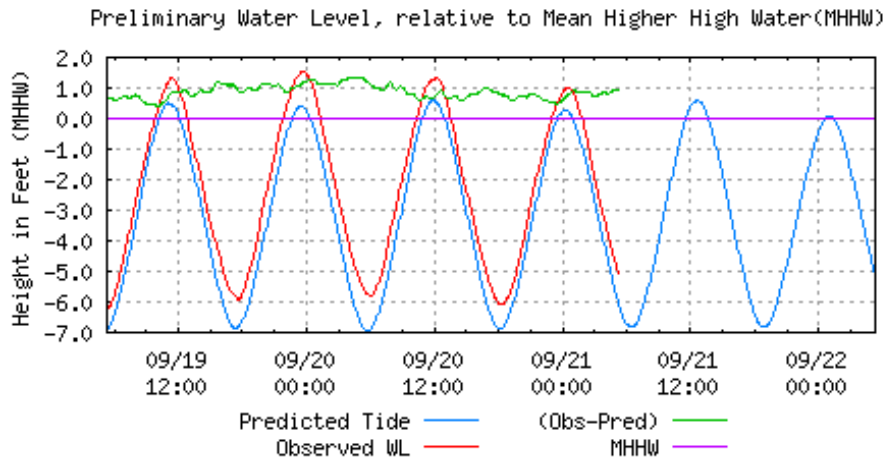
Last Observed Sample: 09/21/2017 04:30 (EDT). Data relative to MHHW

**Observed: -1.12 ft. Predicted: -2.41 ft. Residual: 1.29 ft.**

Historical Maximum Water Level: Jan 3 2014, 4.26 ft.

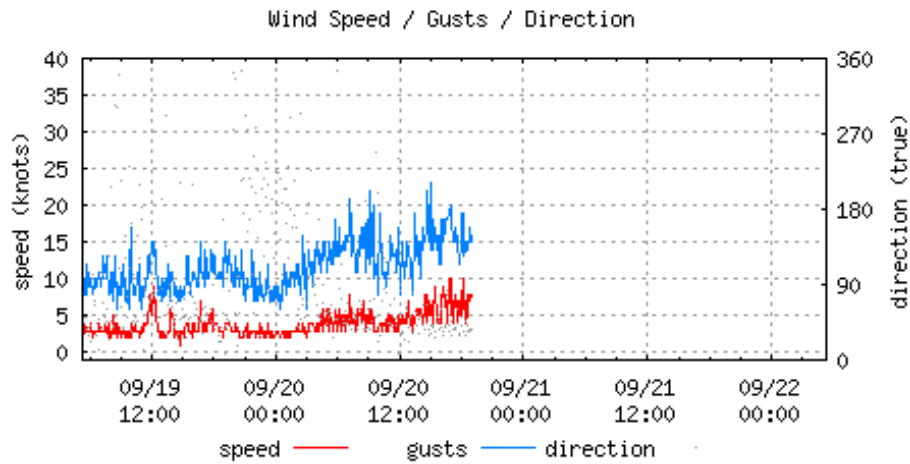
Next High Tide: 09/21/2017 13:40 (EDT), 0.11 ft.

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



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -5.08 ft. Predicted: -6.03 ft. Residual: 0.95 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.  
 Next High Tide: 09/21/2017 12:37 (EDT), 0.58 ft.

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

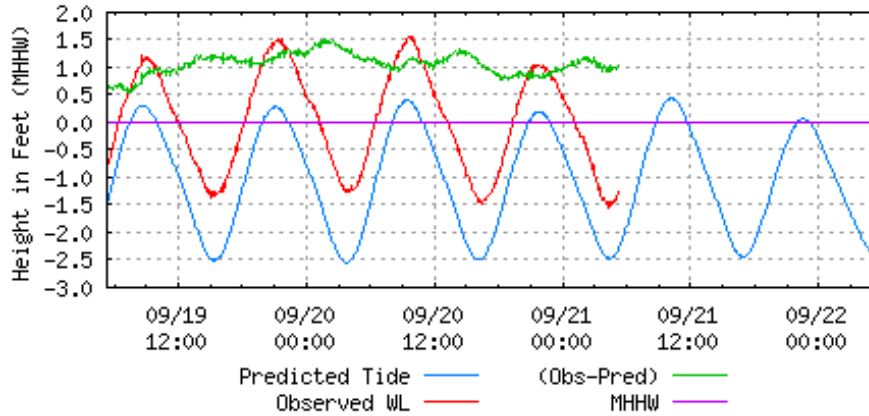


Last Observed Sample: 09/21/2017 05:12 (EDT)  
**Wind Speed: 8 knots Gusts: 15 knots Direction: 36° T**



NOAA/NOS/CO-OPS 8510560 Montauk, NY

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



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW

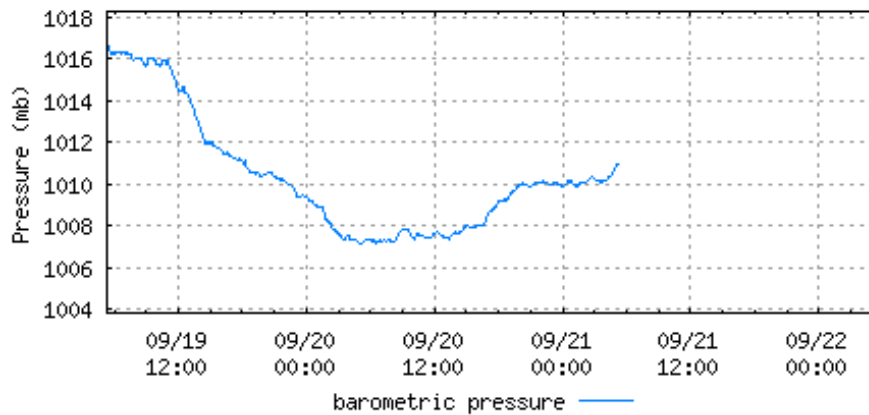
Observed: -1.28 ft. Predicted: -2.33 ft. Residual: 1.05 ft.

Historical Maximum Water Level: Aug 31 1954, 5.91 ft.

Next High Tide: 09/21/2017 10:11 (EDT), 0.43 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY

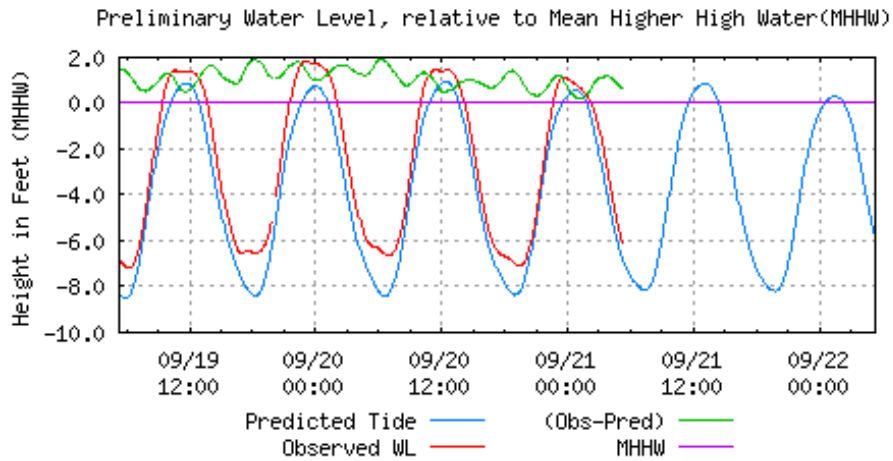
Barometric Pressure



Last Observed Sample: 09/21/2017 05:12 (EDT)

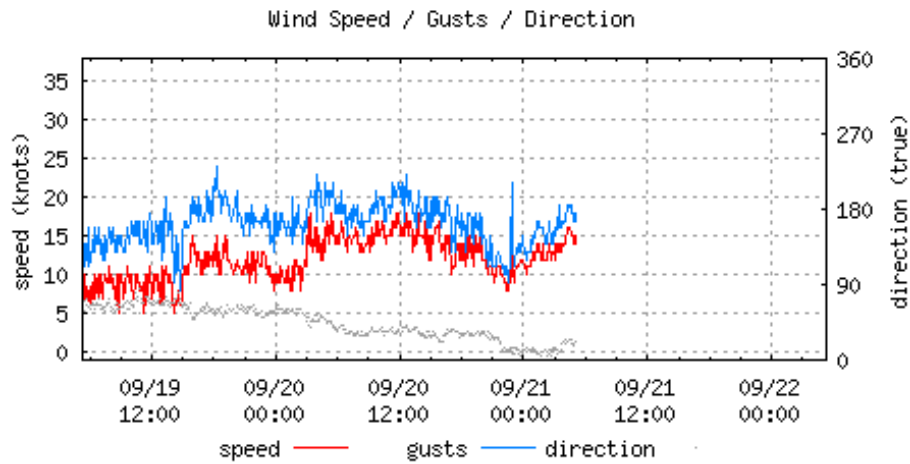
Barometric Pressure: 1011.0 mb

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



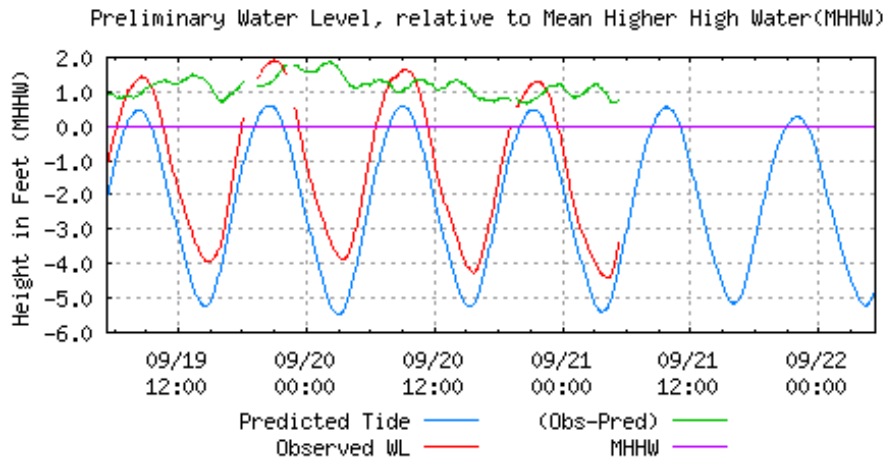
Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -6.11 ft. Predicted: -6.75 ft. Residual: 0.64 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.  
 Next High Tide: 09/21/2017 13:04 (EDT), 0.86 ft.

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



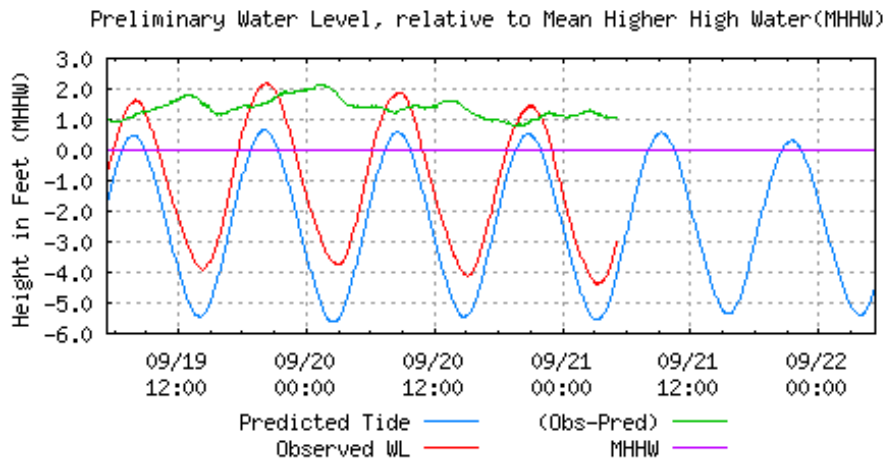
Last Observed Sample: 09/21/2017 05:12 (EDT)  
**Wind Speed: 14 knots Gusts: 18 knots Direction: 22° T**

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



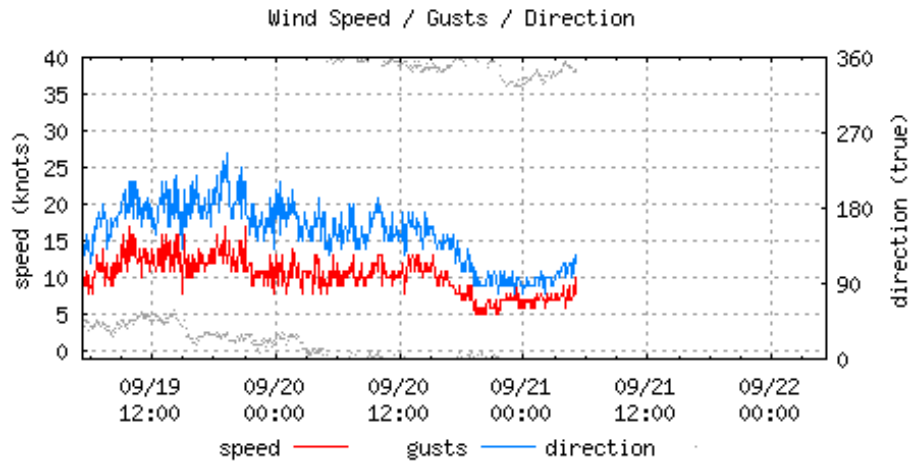
Last Observed Sample: 09/21/2017 05:18 (EDT). Data relative to MHHW  
**Observed: -3.40 ft. Predicted: -4.13 ft. Residual: 0.73 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.  
 Next High Tide: 09/21/2017 09:45 (EDT), 0.56 ft.

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



Last Observed Sample: 09/21/2017 05:06 (EDT). Data relative to MHHW  
**Observed: -3.00 ft. Predicted: -4.06 ft. Residual: 1.06 ft.**  
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
 Next High Tide: 09/21/2017 09:16 (EDT), 0.57 ft.

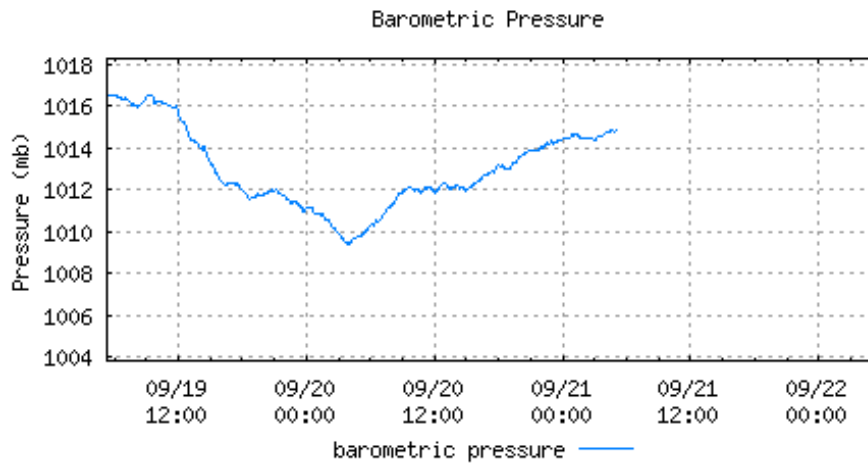
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 05:06 (EDT)

Wind Speed: 8 knots Gusts: 12 knots Direction: 345° T

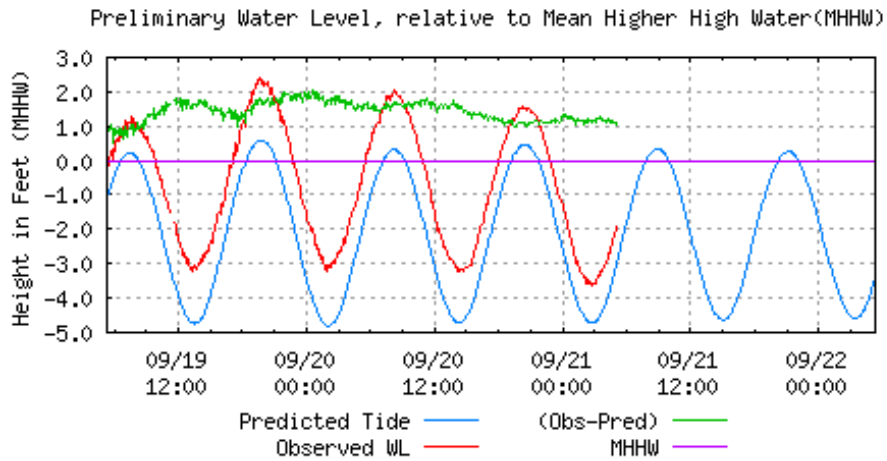
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 05:06 (EDT)

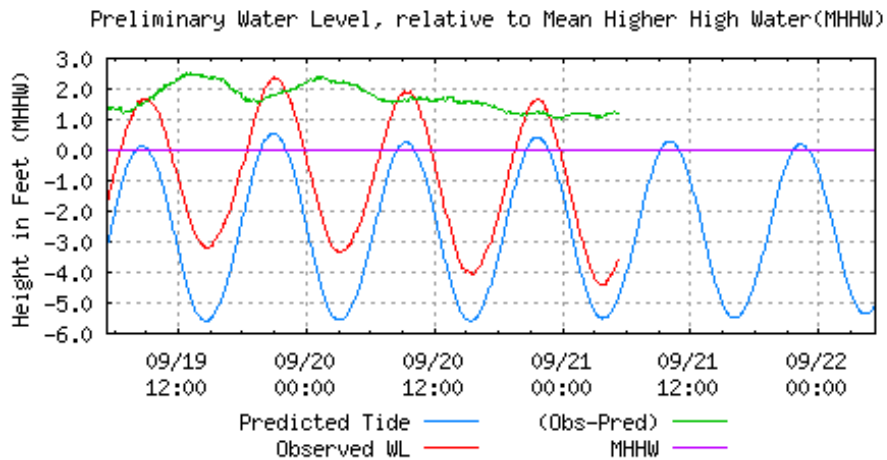
Barometric Pressure: 1014.9 mb

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



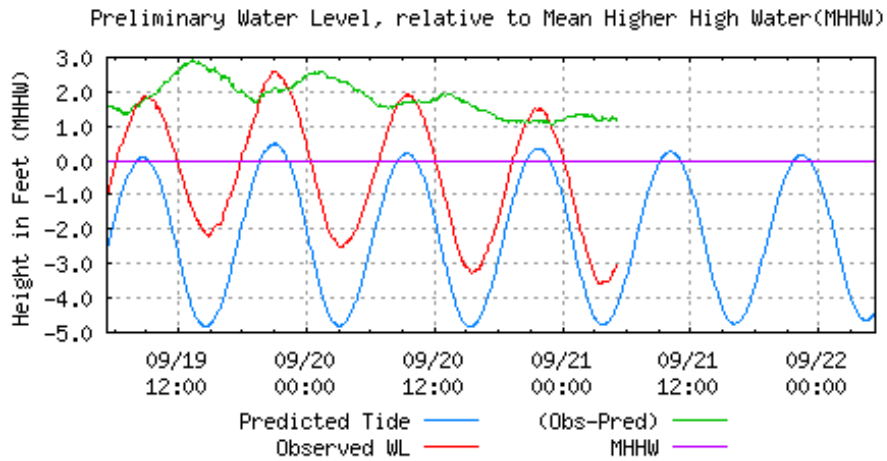
Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -1.70 ft. Predicted: -2.85 ft. Residual: 1.15 ft.**  
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
 Next High Tide: 09/21/2017 08:54 (EDT), 0.35 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ



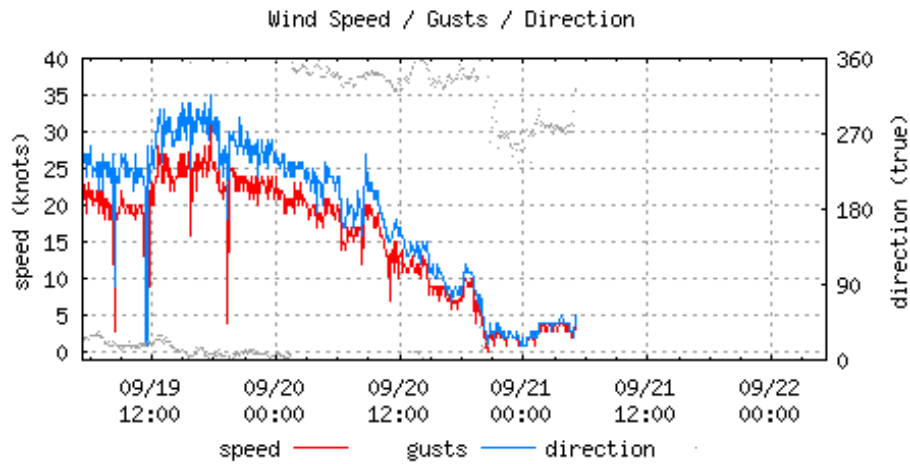
Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -3.62 ft. Predicted: -4.85 ft. Residual: 1.23 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 3.53 ft.  
 Next High Tide: 09/21/2017 10:01 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/21/2017 05:06 (EDT). Data relative to MHHW  
**Observed: -3.02 ft. Predicted: -4.23 ft. Residual: 1.21 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.  
 Next High Tide: 09/21/2017 10:06 (EDT), 0.25 ft.

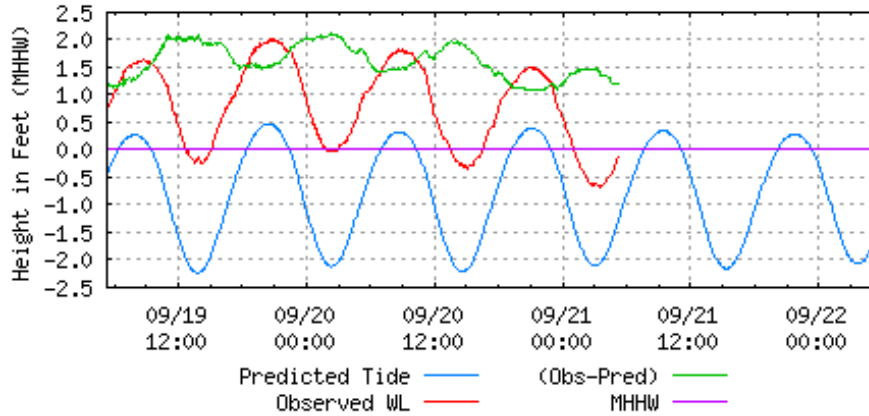
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/21/2017 05:06 (EDT)  
**Wind Speed: 4 knots Gusts: 5 knots Direction: 323° T**

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

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



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW

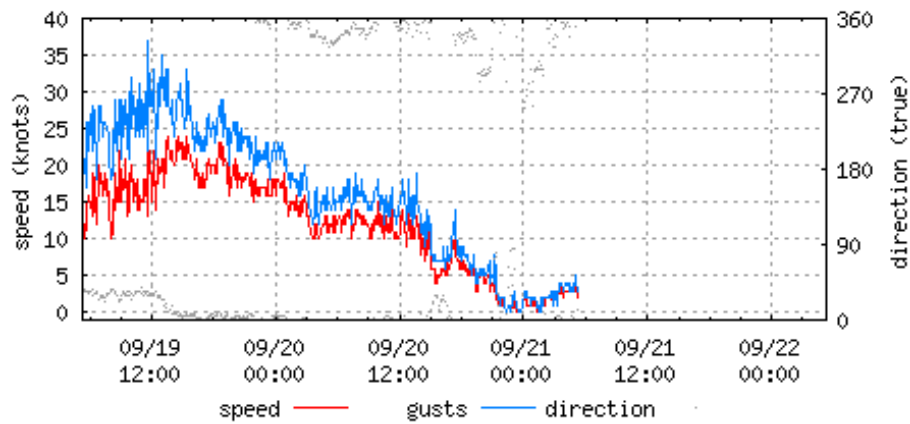
Observed: -0.11 ft. Predicted: -1.31 ft. Residual: 1.20 ft.

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

Next High Tide: 09/21/2017 09:24 (EDT), 0.35 ft.

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

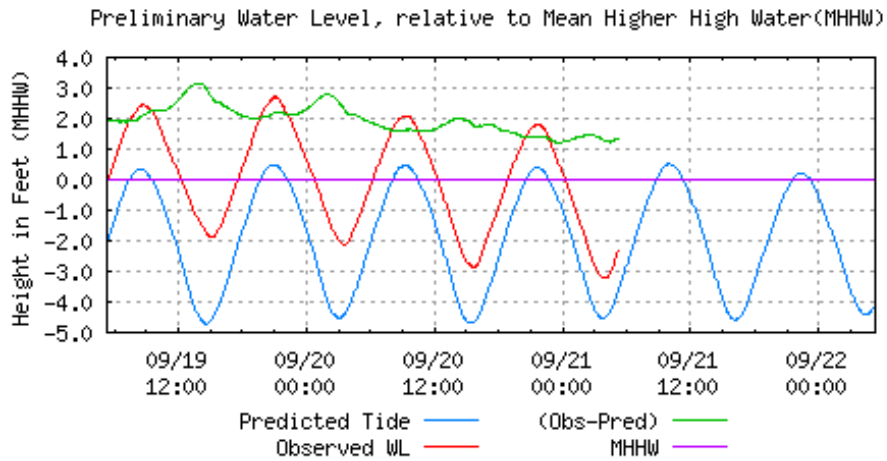
Wind Speed / Gusts / Direction



Last Observed Sample: 09/21/2017 05:12 (EDT)

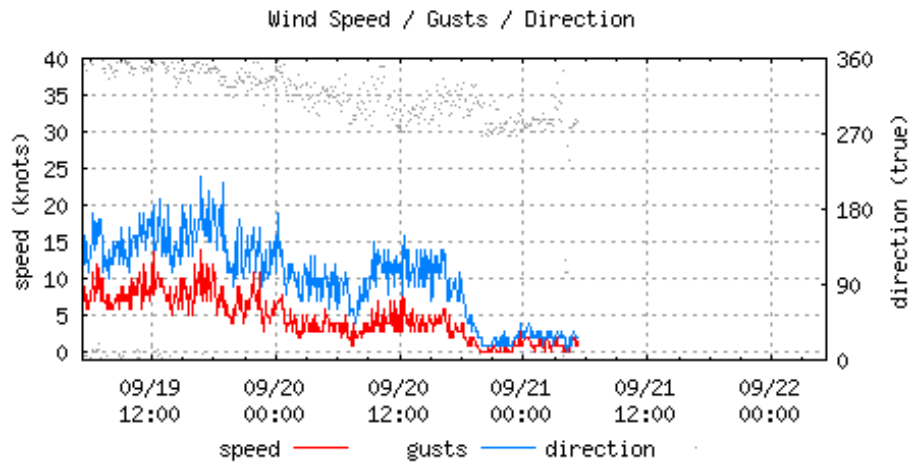
Wind Speed: 2 knots Gusts: 3 knots Direction: 12° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: -2.35 ft. Predicted: -3.68 ft. Residual: 1.33 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.  
 Next High Tide: 09/21/2017 10:01 (EDT), 0.51 ft.

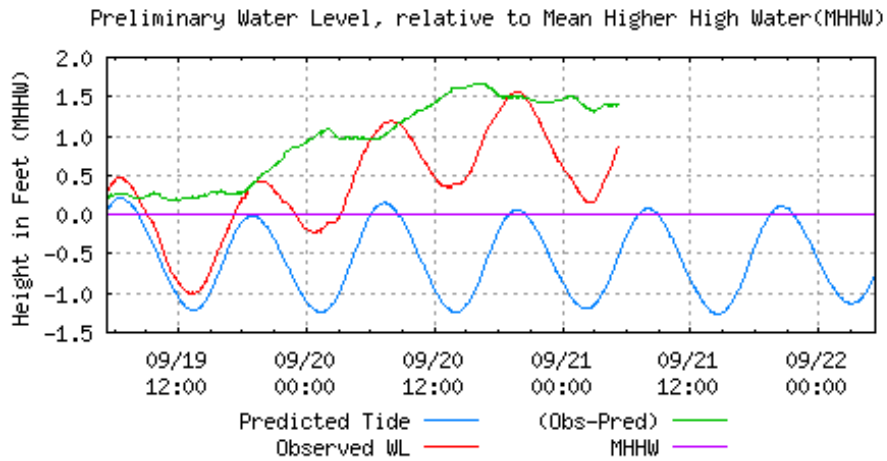
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/21/2017 05:12 (EDT)  
**Wind Speed: 1 knots Gusts: 2 knots Direction: 284° T**

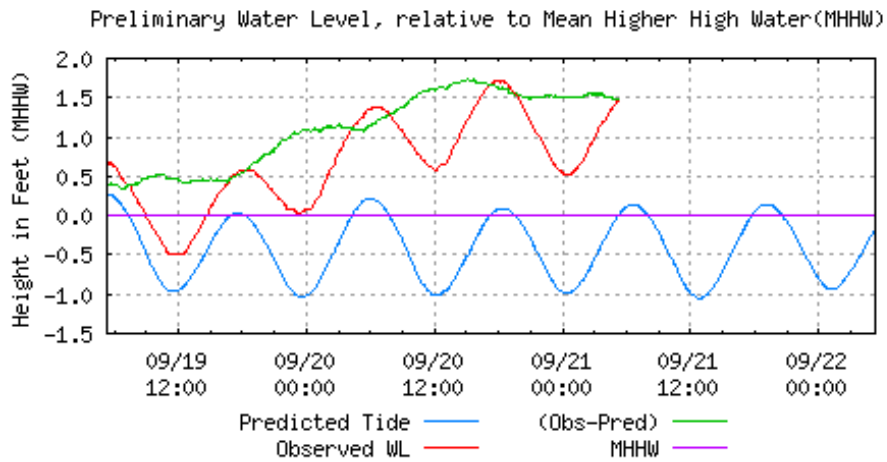


NOAA/NOS/CO-OPS 8574680 Baltimore, MD



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: 0.85 ft. Predicted: -0.55 ft. Residual: 1.40 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 6.49 ft.  
 Next High Tide: 09/21/2017 08:00 (EDT), 0.07 ft.

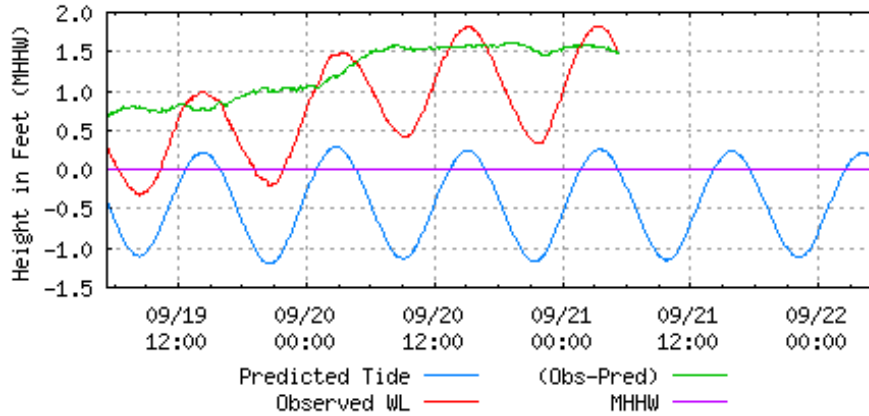
NOAA/NOS/CO-OPS 8575512 Annapolis, MD



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: 1.46 ft. Predicted: -0.01 ft. Residual: 1.47 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 5.73 ft.  
 Next High Tide: 09/21/2017 06:36 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD

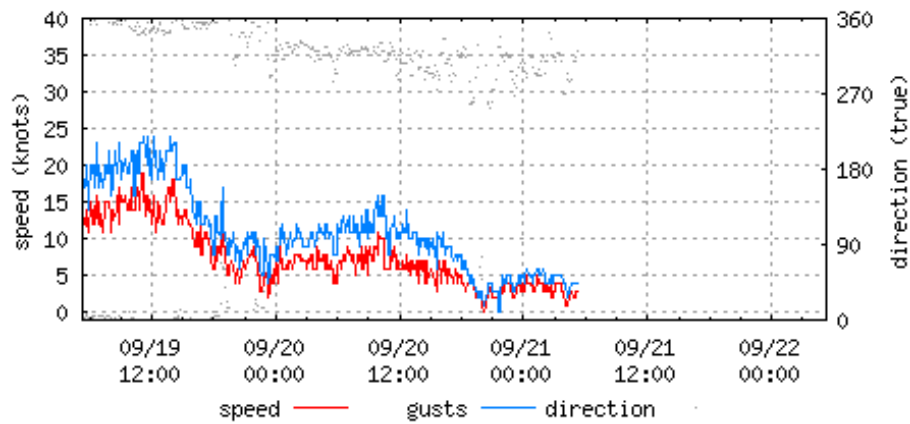
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/21/2017 05:12 (EDT). Data relative to MHHW  
**Observed: 1.49 ft. Predicted: 0.01 ft. Residual: 1.48 ft.**  
 Historical Maximum Water Level: Sep 1 2006, 2.93 ft.  
 Next High Tide: 09/21/2017 15:51 (EDT), 0.23 ft.

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD

Wind Speed / Gusts / Direction



Last Observed Sample: 09/21/2017 05:12 (EDT)  
**Wind Speed: 3 knots Gusts: 4 knots Direction: 320° T**

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
8452660	Newport, RI	09/21/2017 05:12 (EDT)	-2.29 ft	-2.81 ft	0.52 ft	1.40 ft
8449130	Nantucket Island, MA	09/21/2017 05:06 (EDT)	-0.81 ft	-2.25 ft	1.44 ft	1.43 ft
8447930	Woods Hole, MA	09/21/2017 05:06 (EDT)	-1.36 ft	-2.07 ft	0.71 ft	1.00 ft
8447435	Chatham, MA	09/21/2017 04:30 (EDT)	-1.12 ft	-2.41 ft	1.29 ft	1.76 ft
8465705	New Haven, CT	09/21/2017 05:12 (EDT)	-5.08 ft	-6.03 ft	0.95 ft	1.31 ft
8510560	Montauk, NY	09/21/2017 05:12 (EDT)	-1.28 ft	-2.33 ft	1.05 ft	1.56 ft
8516945	Kings Point, NY	09/21/2017 05:12 (EDT)	-6.11 ft	-6.75 ft	0.64 ft	1.47 ft
8518750	The Battery, NY	09/21/2017 05:18 (EDT)	-3.40 ft	-4.13 ft	0.73 ft	1.66 ft
8531680	Sandy Hook, NJ	09/21/2017 05:06 (EDT)	-3.00 ft	-4.06 ft	1.06 ft	1.86 ft
8534720	Atlantic City, NJ	09/21/2017 05:12 (EDT)	-1.70 ft	-2.85 ft	1.15 ft	2.04 ft
8536110	Cape May, NJ	09/21/2017 05:12 (EDT)	-3.62 ft	-4.85 ft	1.23 ft	1.90 ft
8557380	Lewes, DE	09/21/2017 05:06 (EDT)	-3.02 ft	-4.23 ft	1.21 ft	1.91 ft
8570283	Ocean City Inlet, MD	09/21/2017 05:12 (EDT)	-0.11 ft	-1.31 ft	1.20 ft	1.82 ft
8631044	Wachapreague, VA	09/21/2017 05:12 (EDT)	-2.35 ft	-3.68 ft	1.33 ft	2.10 ft
8574680	Baltimore, MD	09/21/2017 05:12 (EDT)	0.85 ft	-0.55 ft	1.40 ft	1.55 ft
8575512	Annapolis, MD	09/21/2017 05:12 (EDT)	1.46 ft	-0.01 ft	1.47 ft	1.72 ft
8577330	Solomons Island, MD	09/21/2017 05:12 (EDT)	1.49 ft	0.01 ft	1.48 ft	1.82 ft

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