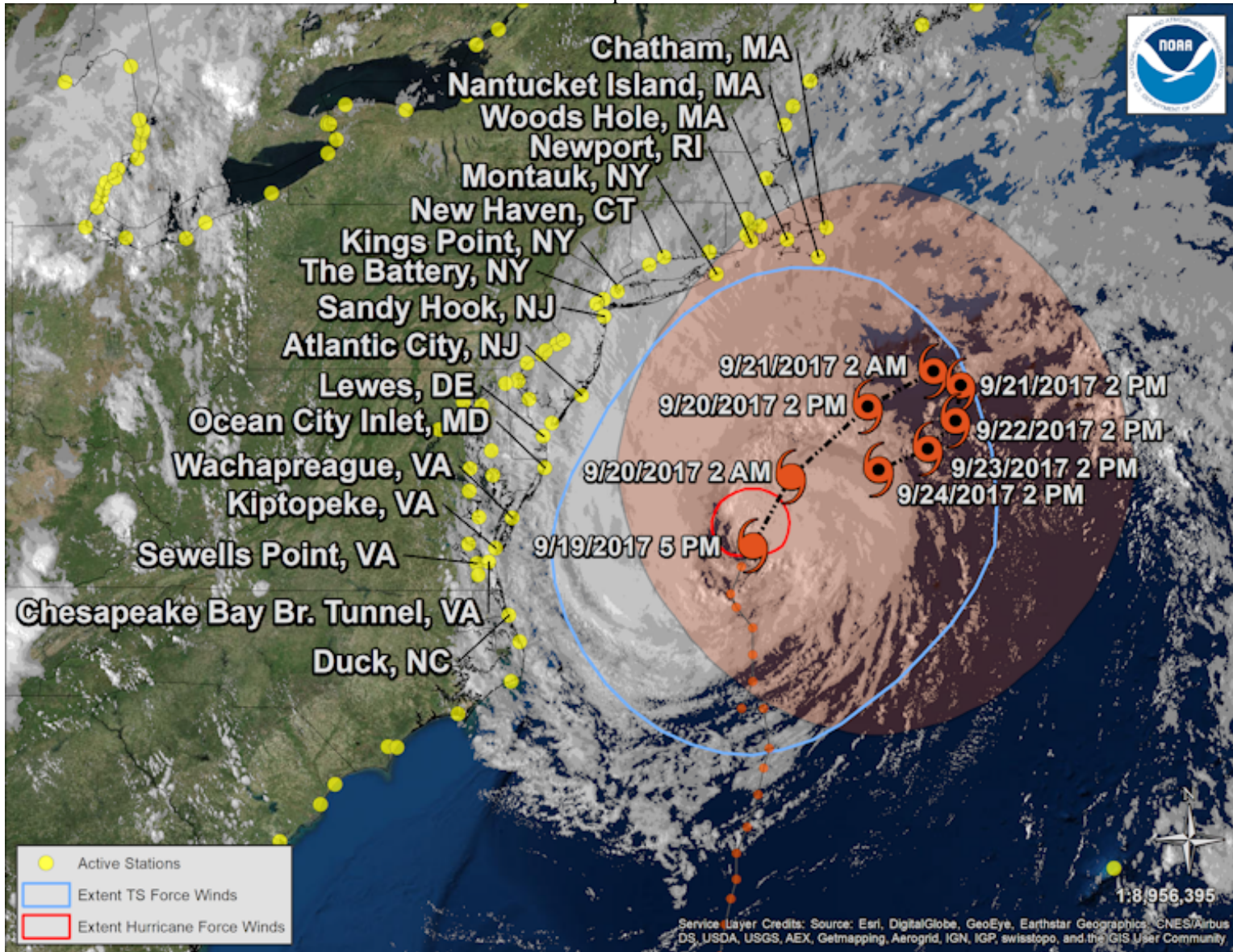




Hurricane JOSE QuickLook  
Posted: 18:00 EDT 09/19/2017

### NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 09/19/2017 18:00 EDT, water levels along the Atlantic coast from Duck, NC to Long Island, NY remain elevated by 1.0 to 2.25 feet above normal tide levels. Water level residuals appear to be leveling off or dropping slightly across the mid-Atlantic, however any increase in water levels due to Jose are combining with abnormally large high tides, resulting in areas that are normally dry to become wet during high tide as Jose moves offshore. The next high tide will occur at most areas over the next few hours.

Water levels within Long Island Sound and across southern New England are also slightly elevated by 0.7 to 1.1 feet above tidal predictions.

Winds are slowly increasing from the mid-Atlantic to southern New England and generally range between 10 and 25 knots with slightly higher gusts. The strongest winds are being observed along the Atlantic coast from Chesapeake Bay Bridge Tunnel, VA to Lewes, DE where gusts of 30 to 40 knots have been observed. Barometric pressure continues to slowly fall 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: PFF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Hurricane Jose Advisory Number 58  
NWS National Hurricane Center Miami FL AL122017  
500 PM EDT Tue Sep 19 2017

...HURRICANE JOSE WILL CONTINUE TO PRODUCE DANGEROUS SURF AND RIP CURRENTS ALONG THE U.S. EAST COAST FOR SEVERAL MORE DAYS...

SUMMARY OF 500 PM EDT...2100 UTC...INFORMATION

-----  
LOCATION...37.2N 71.3W  
ABOUT 270 MI...435 KM ENE OF CAPE HATTERAS NORTH CAROLINA  
ABOUT 285 MI...460 KM SSW OF NANTUCKET MASSACHUSETTS  
MAXIMUM SUSTAINED WINDS...75 MPH...120 KM/H  
PRESENT MOVEMENT...NNE OR 25 DEGREES AT 8 MPH...13 KM/H  
MINIMUM CENTRAL PRESSURE...976 MB...28.82 INCHES

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued from Hull southward to Sagamore Beach and also west of Woods Hole.

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 Watch is in effect for...

- \* The coast of Long Island from Fire Island Inlet to Port Jefferson

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within the next 24 to 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within the next 24 hours.

Interests elsewhere along the U.S. east coast from Virginia northward to New England should monitor the progress of Jose.

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 500 PM EDT (2100 UTC), the center of Hurricane Jose was located near latitude 37.2 North, longitude 71.3 West. Jose is moving toward the north-northeast near 8 mph (13 km/h) and this general motion is expected to continue into this evening. A turn to the northeast is forecast to occur by Wednesday morning. On the forecast track, the center of Jose is expected to pass well offshore of the Delmarva peninsula later tonight, pass well to the east of the New Jersey coast on Wednesday, and pass offshore of southeastern Massachusetts by Thursday.

Maximum sustained winds are near 75 mph (120 km/h) with higher gusts. Little change in strength is expected tonight, but Jose should begin to gradually weaken on Wednesday.

Hurricane-force winds extend outward up to 60 miles (95 km) from the center and tropical-storm-force winds extend outward up to 310 miles (500 km). A ship located about 170 miles west of the center of Jose recently reported a sustained wind of 46 mph (74 km/h).

The estimated minimum central pressure is 976 mb (28.82 inches).

#### HAZARDS AFFECTING LAND

**WIND:** Tropical storm conditions are expected to begin in the warning area early Wednesday. Tropical storm conditions are possible in the watch area beginning tonight.

**SURF:** Swells generated by Jose are affecting Bermuda, the Bahamas, and much of the U.S. east coast. These swells are likely to cause dangerous surf and rip current conditions for the next several days in these areas. For more information, please consult products from your local weather office.

**RAINFALL:** Jose is expected to produce total rain accumulations of 1 to 3 inches over eastern Long Island, southeast Connecticut, southern Rhode Island, and southeast Massachusetts. Rainfall amounts of 3 to 5 inches are expected for Martha's Vineyard, Nantucket and Cape Cod through Wednesday. This rainfall could cause isolated flooding.

#### NEXT ADVISORY

Next intermediate advisory at 800 PM EDT.

Next complete advisory at 1100 PM EDT.

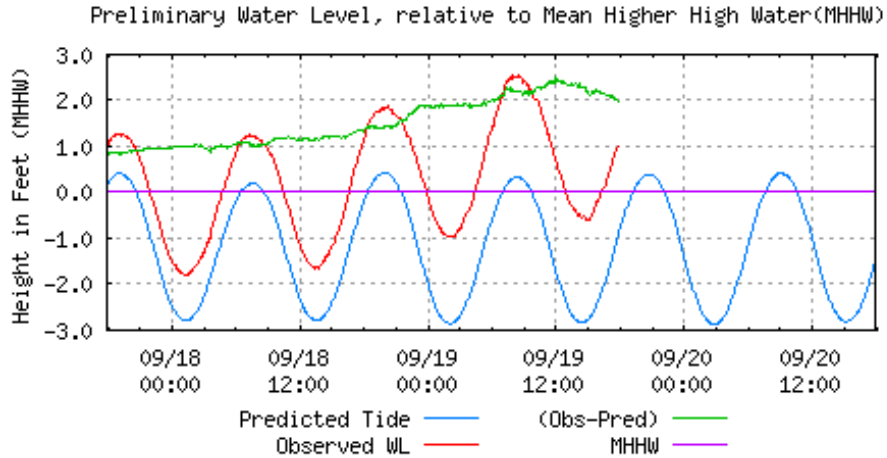
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Forecaster Stewart

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.

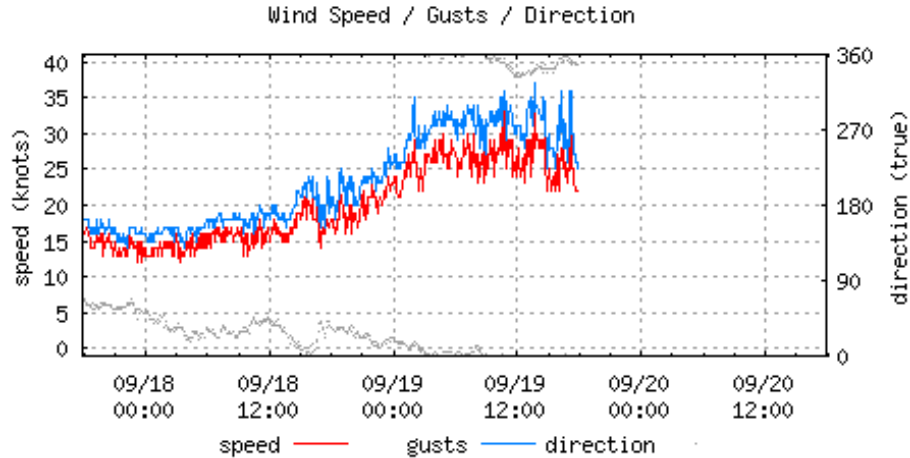
Jump to: [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Sewells Point - Water Level](#), [Kiptopeke - Water Level](#), [Kiptopeke - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague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

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



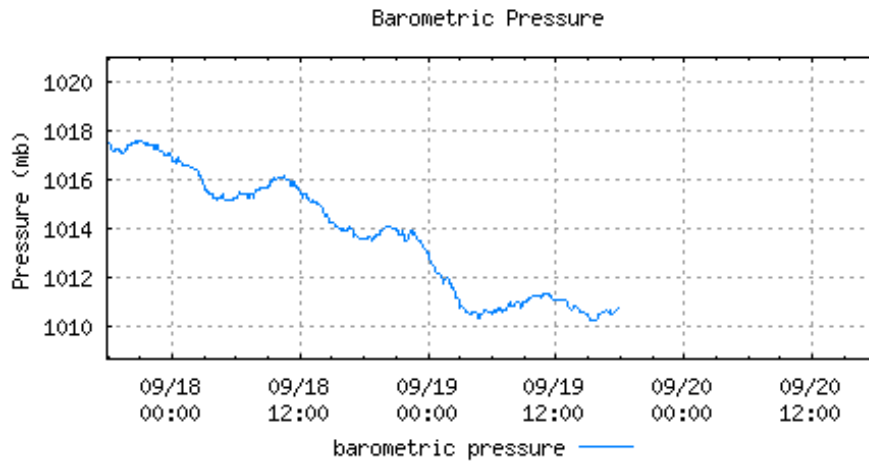
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: 1.10 ft. Predicted: -0.88 ft. Residual: 1.98 ft.**  
 Historical Maximum Water Level: Nov 12 2009, 4.66 ft.  
 Next High Tide: 09/19/2017 20:41 (EDT), 0.39 ft.

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Wind Speed: 22 knots Gusts: 25 knots Direction: 348° T**

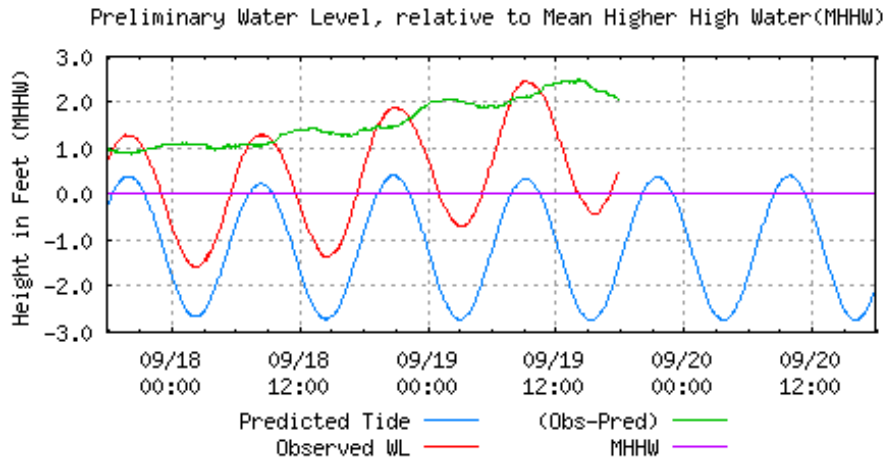
NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



Last Observed Sample: 09/19/2017 17:54 (EDT)

Barometric Pressure: 1010.8 mb

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

Observed: 0.53 ft. Predicted: -1.55 ft. Residual: 2.08 ft.

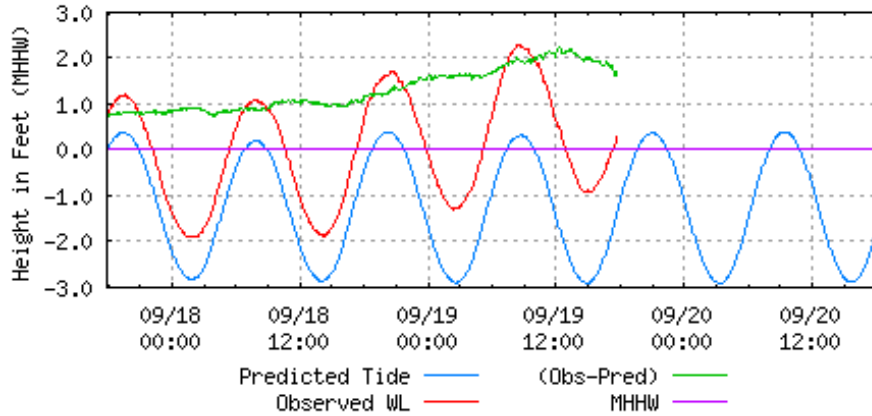
Historical Maximum Water Level: Aug 23 1933, 5.26 ft.

Next High Tide: 09/19/2017 21:31 (EDT), 0.38 ft.



NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

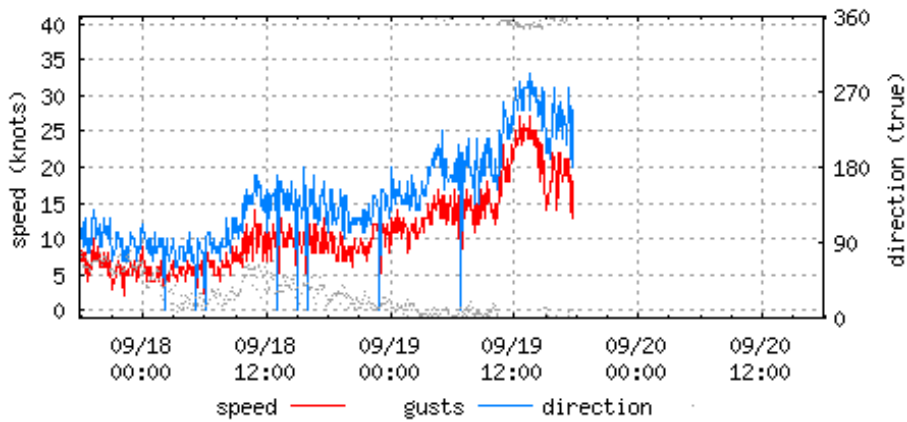
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: 0.44 ft. Predicted: -1.31 ft. Residual: 1.75 ft.**  
 Historical Maximum Water Level: Mar 8 1962, 4.13 ft.  
 Next High Tide: 09/19/2017 21:01 (EDT), 0.37 ft.

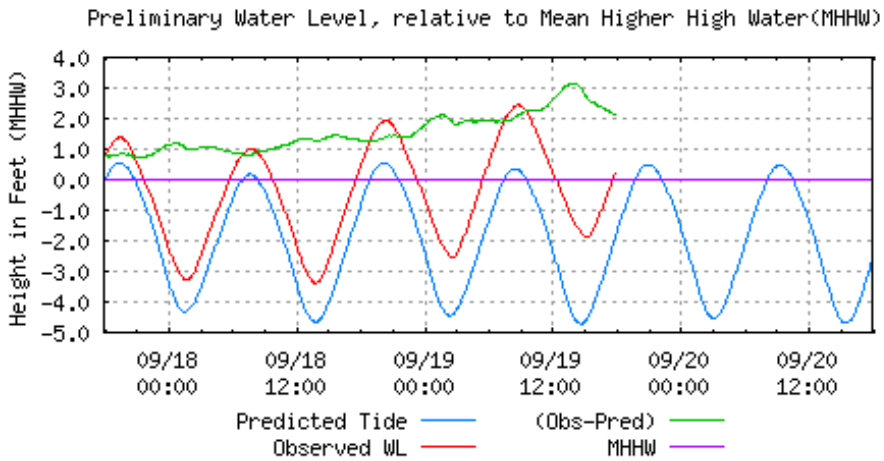
NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

Wind Speed / Gusts / Direction



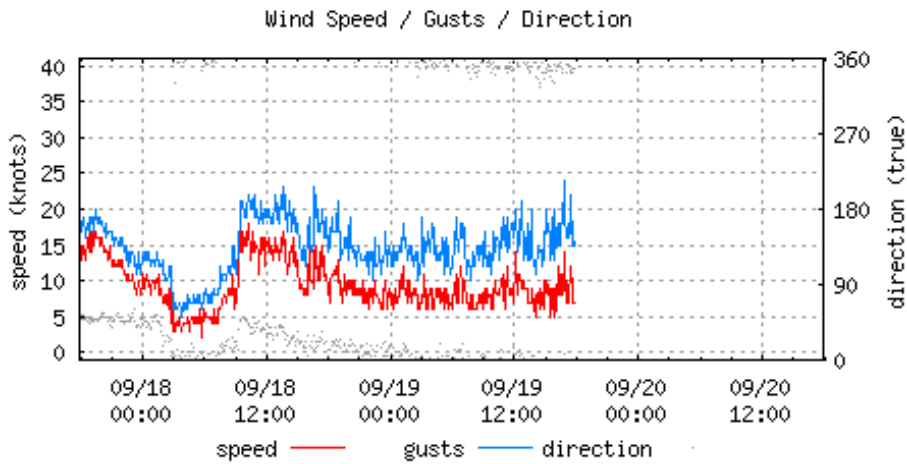
Last Observed Sample: 09/19/2017 17:48 (EDT)  
**Wind Speed: 21 knots Gusts: 30 knots Direction: 3° T**

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: 0.30 ft. Predicted: -1.81 ft. Residual: 2.11 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.  
 Next High Tide: 09/19/2017 20:54 (EDT), 0.50 ft.

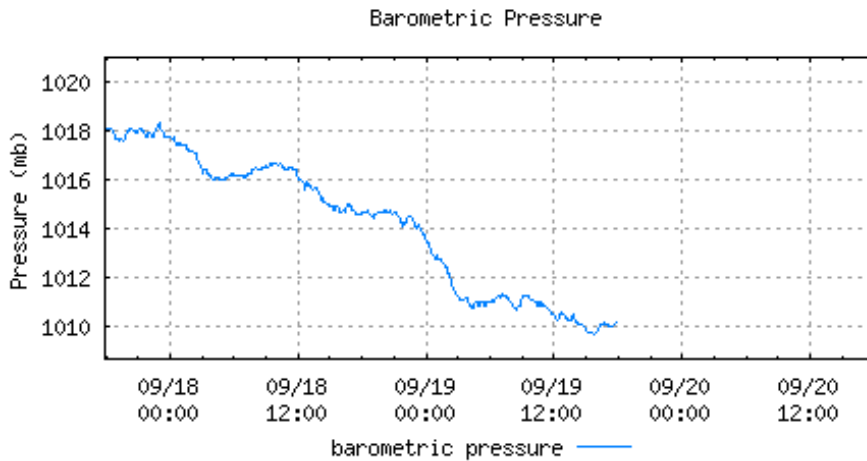
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Wind Speed: 12 knots Gusts: 21 knots Direction: 347° T**



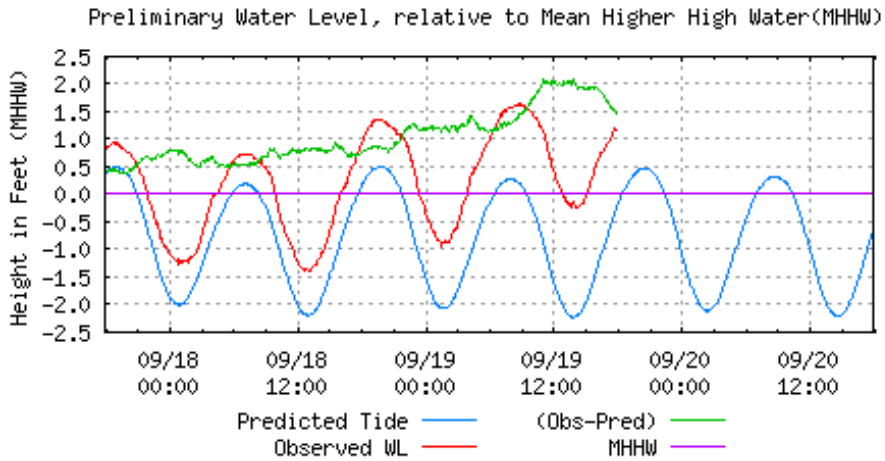
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/19/2017 17:54 (EDT)

Barometric Pressure: 1010.3 mb

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



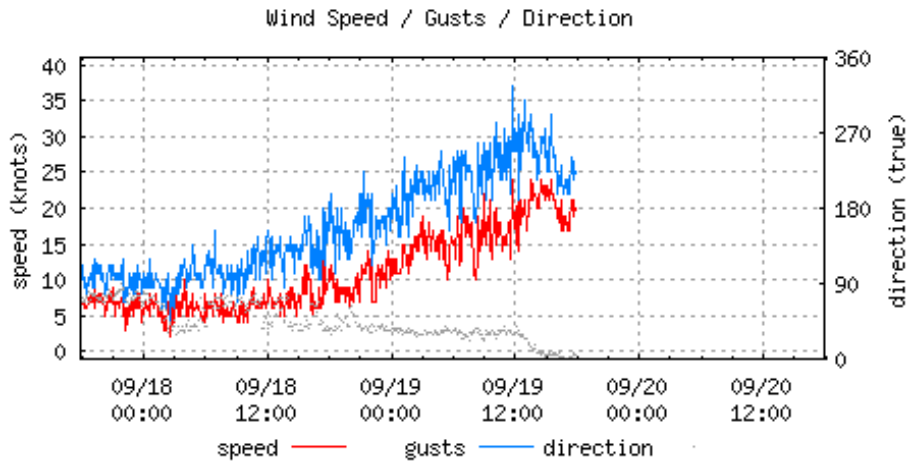
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

Observed: 1.29 ft. Predicted: -0.22 ft. Residual: 1.51 ft.

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

Next High Tide: 09/19/2017 20:29 (EDT), 0.46 ft.

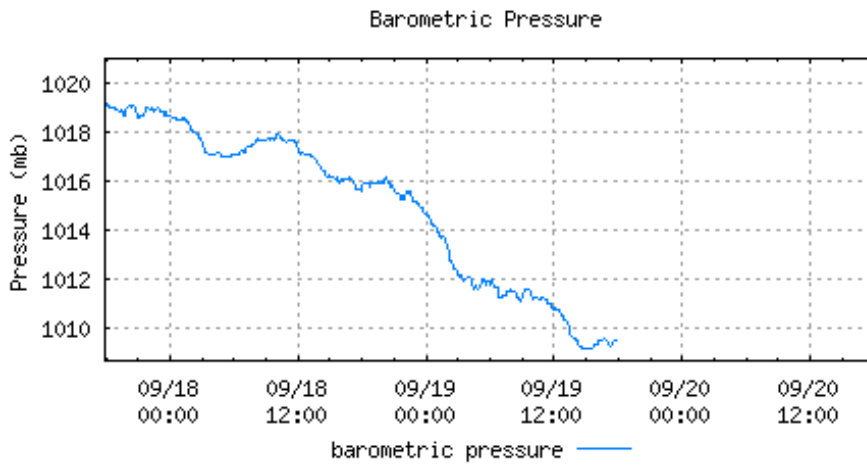
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/19/2017 17:54 (EDT)

Wind Speed: 20 knots Gusts: 25 knots Direction: 7° T

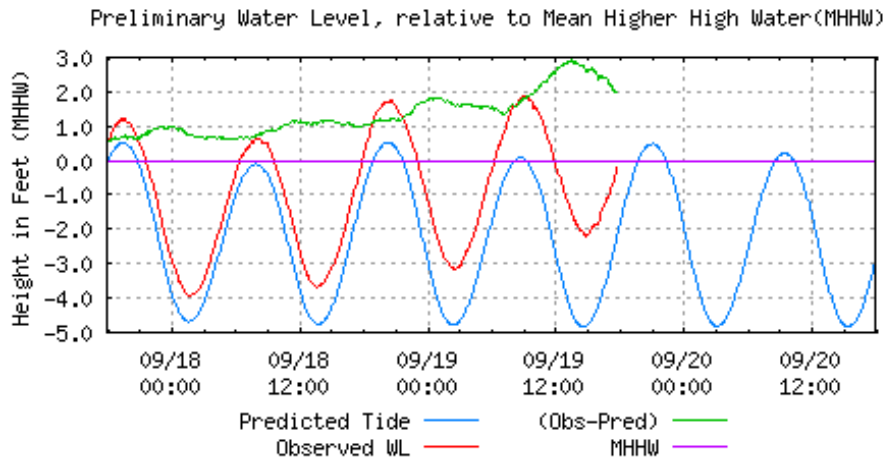
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/19/2017 17:54 (EDT)

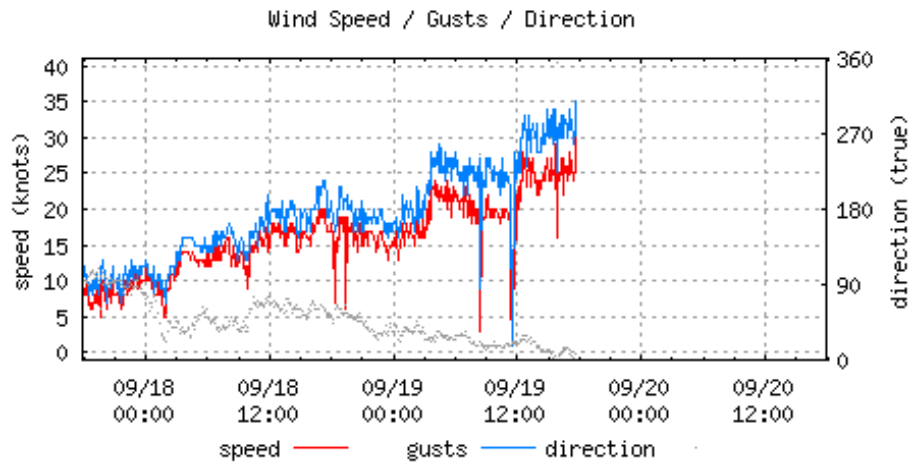
Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE



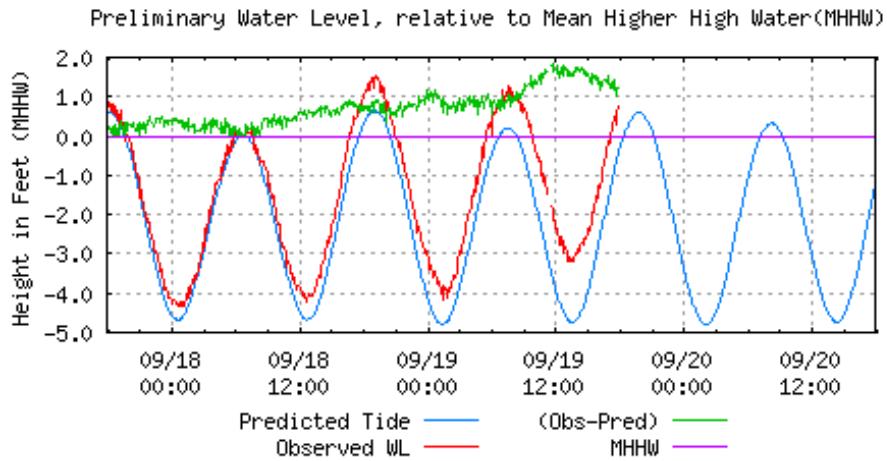
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: -0.12 ft. Predicted: -2.11 ft. Residual: 1.99 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.  
 Next High Tide: 09/19/2017 21:00 (EDT), 0.48 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



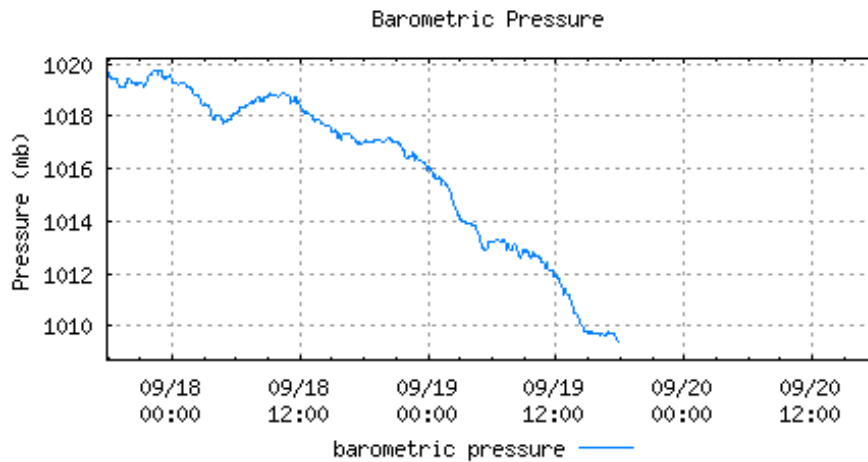
Last Observed Sample: 09/19/2017 17:48 (EDT)  
**Wind Speed: 27 knots Gusts: 32 knots Direction: 8° T**

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



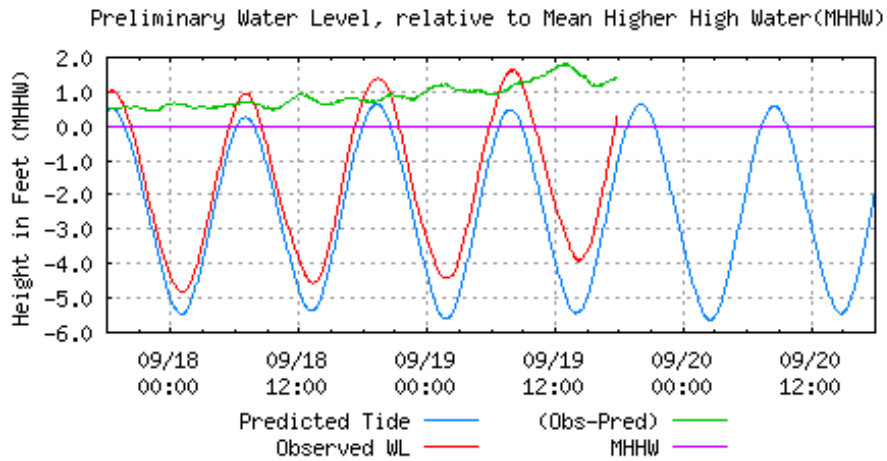
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: 1.00 ft. Predicted: -0.40 ft. Residual: 1.40 ft.**  
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
 Next High Tide: 09/19/2017 19:45 (EDT), 0.60 ft.

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



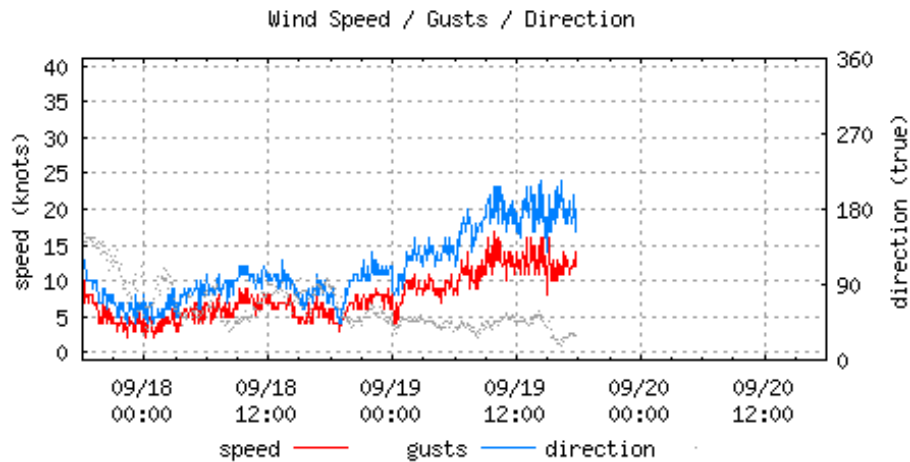
Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Barometric Pressure: 1009.4 mb**

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



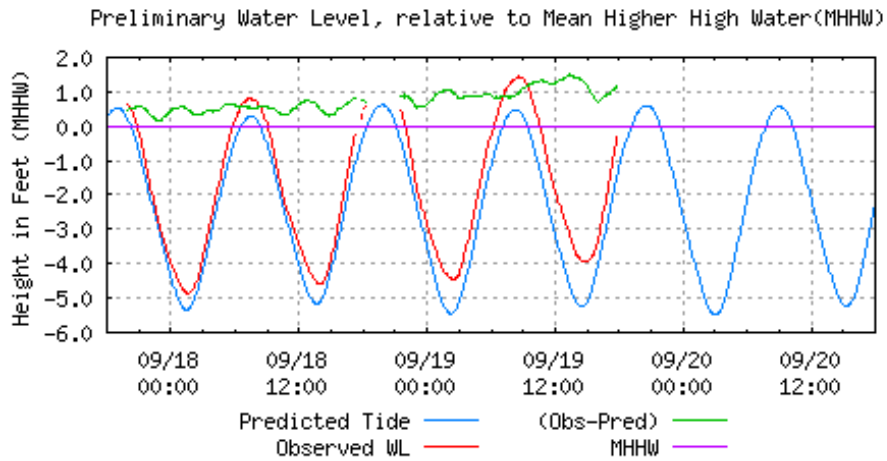
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: 0.27 ft. Predicted: -1.16 ft. Residual: 1.43 ft.**  
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
 Next High Tide: 09/19/2017 20:03 (EDT), 0.64 ft.

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



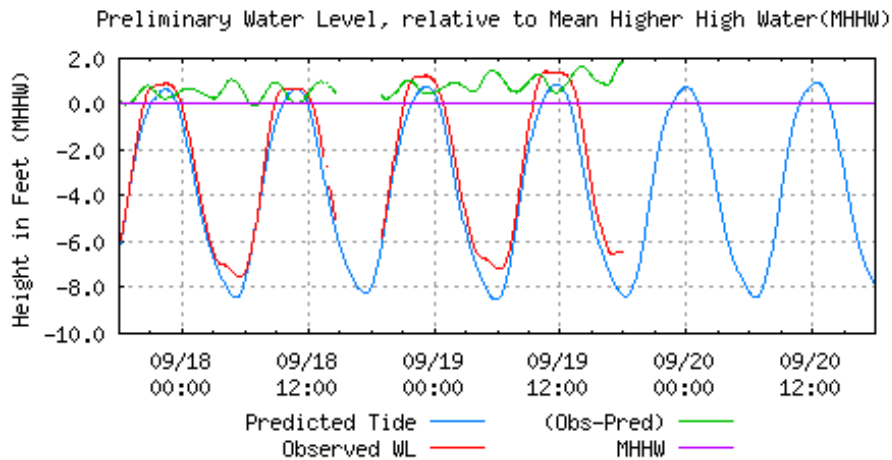
Last Observed Sample: 09/19/2017 17:48 (EDT)  
**Wind Speed: 14 knots Gusts: 20 knots Direction: 30° T**

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



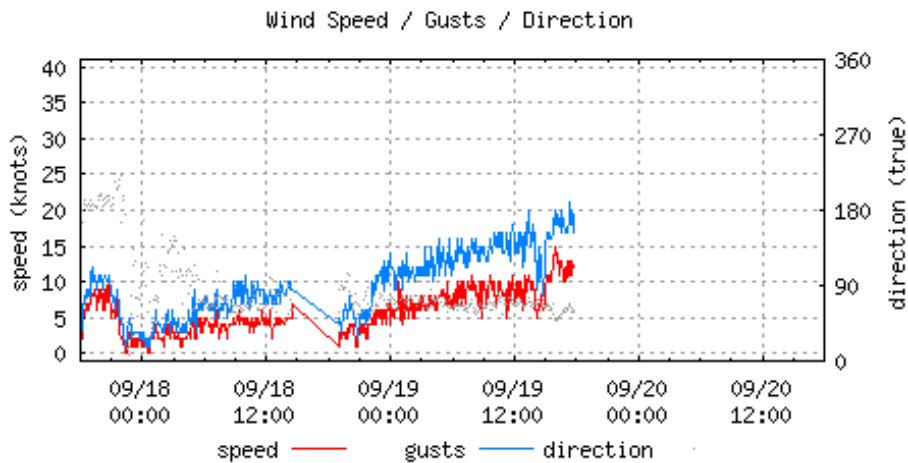
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: -0.33 ft. Predicted: -1.49 ft. Residual: 1.16 ft.**  
Historical Maximum Water Level: Oct 30 2012, 8.99 ft.  
Next High Tide: 09/19/2017 20:33 (EDT), 0.61 ft.

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



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: -6.48 ft. Predicted: -8.30 ft. Residual: 1.82 ft.**  
Historical Maximum Water Level: Oct 30 2012, 6.44 ft.  
Next High Tide: 09/20/2017 00:02 (EDT), 0.74 ft.

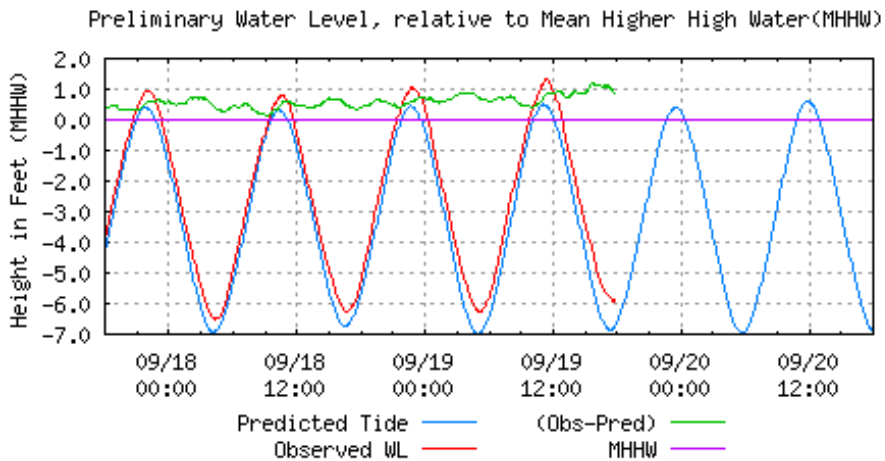
NOAA/NOS/CO-OPS 8516945 Kings Point, NY



Last Observed Sample: 09/19/2017 17:54 (EDT)

Wind Speed: 12 knots Gusts: 17 knots Direction: 59° T

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



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW

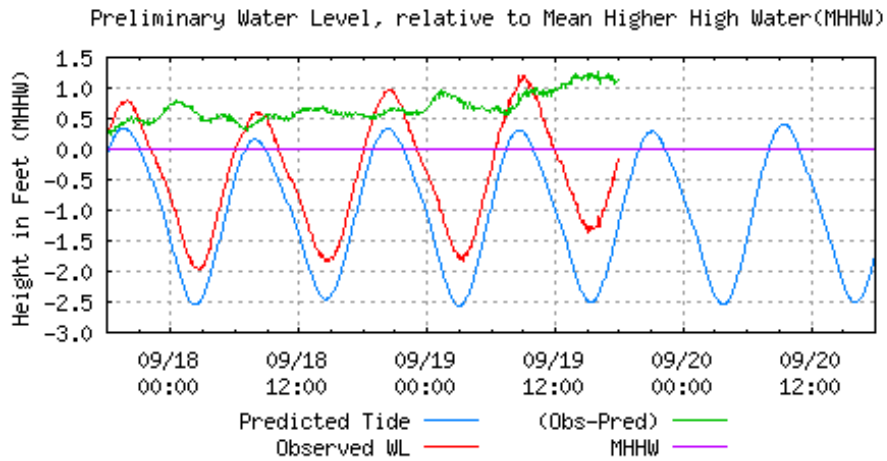
Observed: -5.84 ft. Predicted: -6.68 ft. Residual: 0.84 ft.

Historical Maximum Water Level: Oct 30 2012, 5.52 ft.

Next High Tide: 09/19/2017 23:29 (EDT), 0.39 ft.

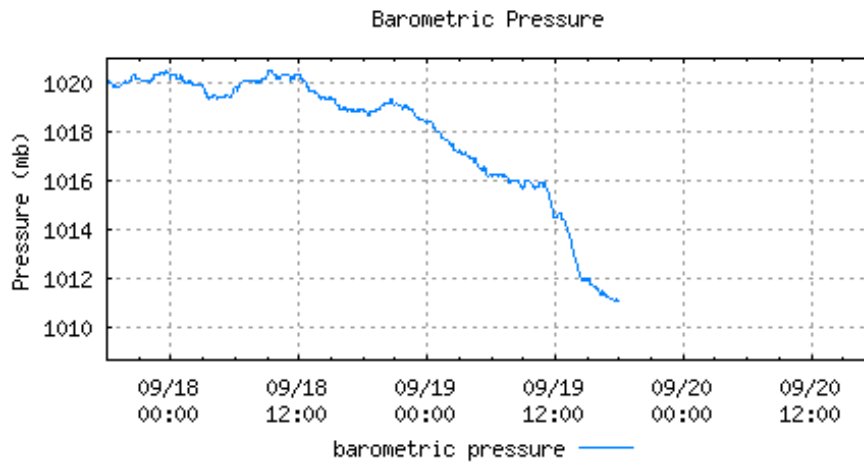


NOAA/NOS/CO-OPS 8510560 Montauk, NY



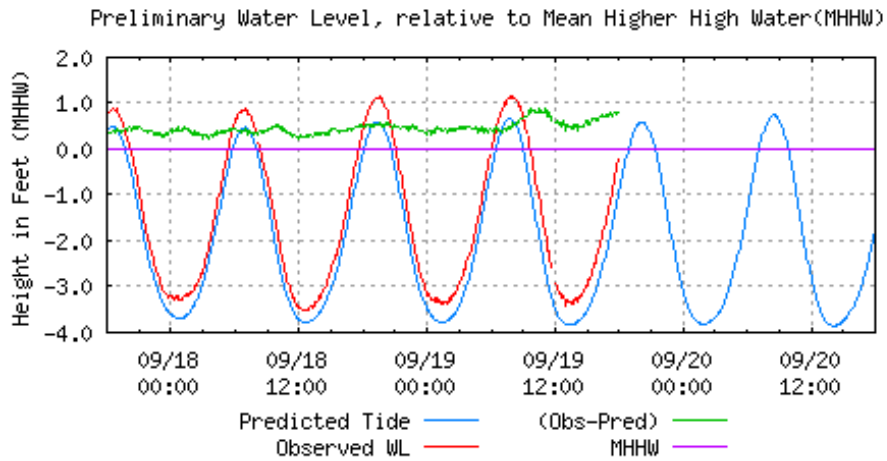
Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: -0.17 ft. Predicted: -1.29 ft. Residual: 1.12 ft.**  
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.  
 Next High Tide: 09/19/2017 21:04 (EDT), 0.28 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY



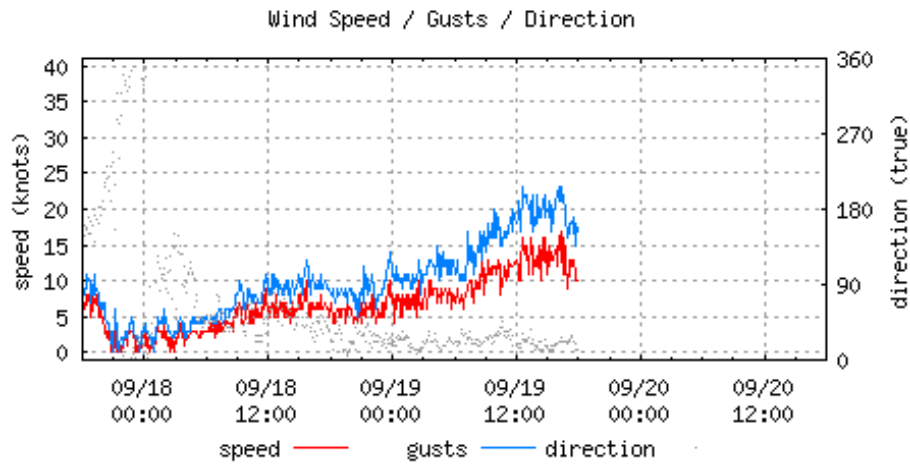
Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Barometric Pressure: 1011.1 mb**

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: -0.21 ft. Predicted: -1.03 ft. Residual: 0.82 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.  
 Next High Tide: 09/19/2017 20:08 (EDT), 0.59 ft.

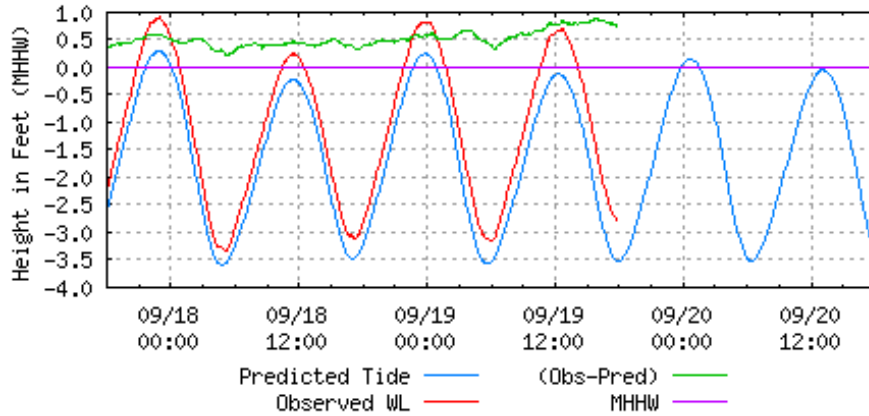
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Wind Speed: 10 knots Gusts: 17 knots Direction: 12° T**

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

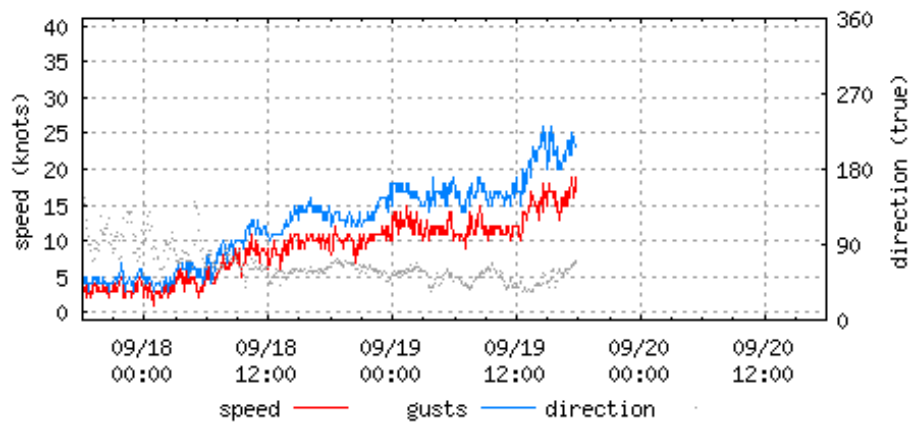
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: -2.78 ft. Predicted: -3.52 ft. Residual: 0.74 ft.**  
 Historical Maximum Water Level: Oct 30 1991, 4.29 ft.  
 Next High Tide: 09/20/2017 00:40 (EDT), 0.15 ft.

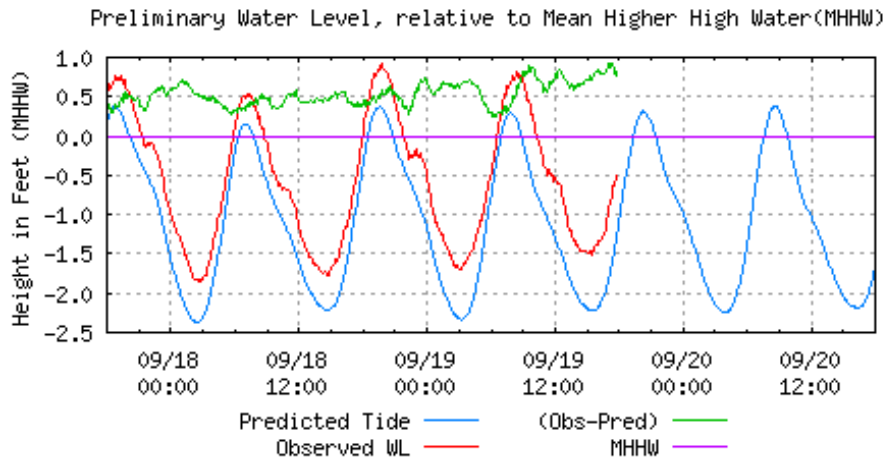
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

Wind Speed / Gusts / Direction



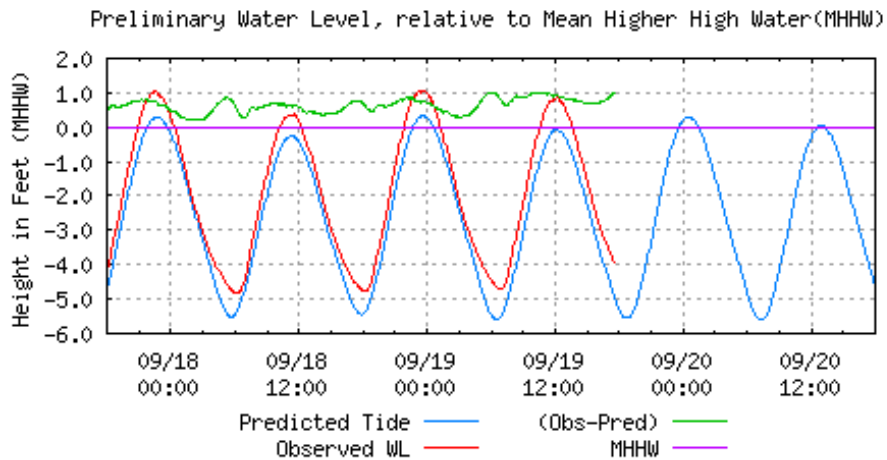
Last Observed Sample: 09/19/2017 17:48 (EDT)  
**Wind Speed: 17 knots Gusts: 23 knots Direction: 69° T**

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



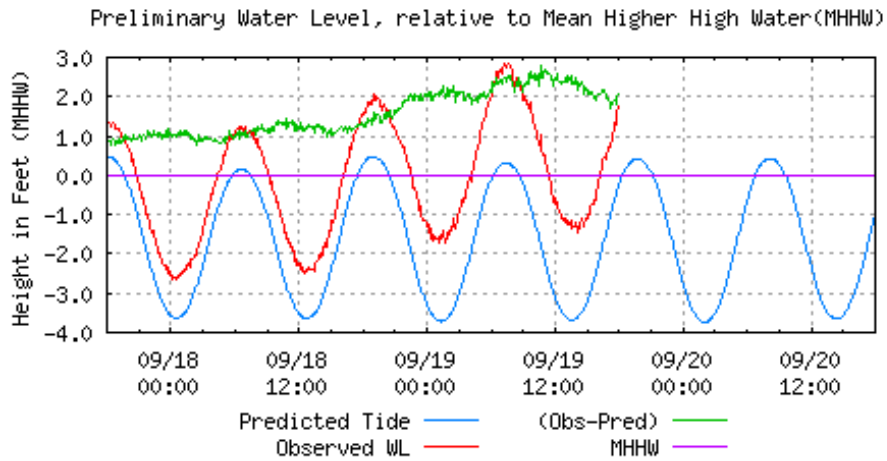
Last Observed Sample: 09/19/2017 17:48 (EDT). Data relative to MHHW  
**Observed: -0.49 ft. Predicted: -1.25 ft. Residual: 0.76 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 8.58 ft.  
 Next High Tide: 09/19/2017 20:18 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8447435 Chatham, MA



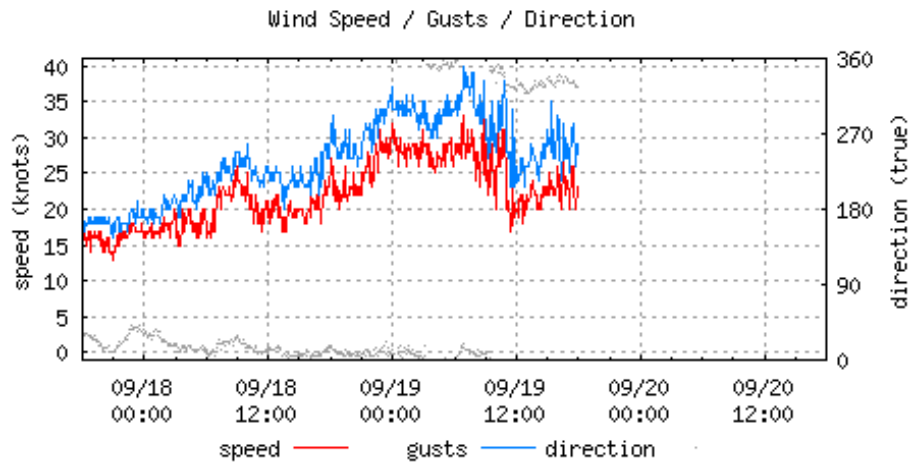
Last Observed Sample: 09/19/2017 17:30 (EDT). Data relative to MHHW  
**Observed: -3.90 ft. Predicted: -4.90 ft. Residual: 1.00 ft.**  
 Historical Maximum Water Level: Jan 3 2014, 4.26 ft.  
 Next High Tide: 09/20/2017 00:28 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/19/2017 17:54 (EDT). Data relative to MHHW  
**Observed: 1.73 ft. Predicted: -0.33 ft. Residual: 2.06 ft.**  
 Historical Maximum Water Level: Sep 18 2003, 4.13 ft.  
 Next High Tide: 09/19/2017 19:42 (EDT), 0.43 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/19/2017 17:54 (EDT)  
**Wind Speed: 23 knots Gusts: 29 knots Direction: 327° 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
8638863	Chesapeake Bay Bridge Tunnel, VA	09/19/2017 17:54 (EDT)	1.10 ft	-0.88 ft	1.98 ft	2.55 ft
8638610	Sewells Point, VA	09/19/2017 17:54 (EDT)	0.53 ft	-1.55 ft	2.08 ft	2.47 ft
8632200	Kiptopeke, VA	09/19/2017 17:48 (EDT)	0.44 ft	-1.31 ft	1.75 ft	2.30 ft
8631044	Wachapreague, VA	09/19/2017 17:54 (EDT)	0.30 ft	-1.81 ft	2.11 ft	2.45 ft
8570283	Ocean City Inlet, MD	09/19/2017 17:54 (EDT)	1.29 ft	-0.22 ft	1.51 ft	1.67 ft
8557380	Lewes, DE	09/19/2017 17:48 (EDT)	-0.12 ft	-2.11 ft	1.99 ft	1.86 ft
8534720	Atlantic City, NJ	09/19/2017 17:54 (EDT)	1.00 ft	-0.40 ft	1.40 ft	1.52 ft
8531680	Sandy Hook, NJ	09/19/2017 17:48 (EDT)	0.27 ft	-1.16 ft	1.43 ft	1.63 ft
8518750	The Battery, NY	09/19/2017 17:48 (EDT)	-0.33 ft	-1.49 ft	1.16 ft	1.44 ft
8516945	Kings Point, NY	09/19/2017 17:54 (EDT)	-6.48 ft	-8.30 ft	1.82 ft	1.43 ft
8465705	New Haven, CT	09/19/2017 17:54 (EDT)	-5.84 ft	-6.68 ft	0.84 ft	1.31 ft
8510560	Montauk, NY	09/19/2017 17:54 (EDT)	-0.17 ft	-1.29 ft	1.12 ft	1.20 ft
8452660	Newport, RI	09/19/2017 17:54 (EDT)	-0.21 ft	-1.03 ft	0.82 ft	1.16 ft
8449130	Nantucket Island, MA	09/19/2017 17:48 (EDT)	-2.78 ft	-3.52 ft	0.74 ft	0.83 ft
8447930	Woods Hole, MA	09/19/2017 17:48 (EDT)	-0.49 ft	-1.25 ft	0.76 ft	0.94 ft
8447435	Chatham, MA	09/19/2017 17:30 (EDT)	-3.90 ft	-4.90 ft	1.00 ft	1.06 ft
8651370	Duck, NC	09/19/2017 17:54 (EDT)	1.73 ft	-0.33 ft	2.06 ft	2.83 ft

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