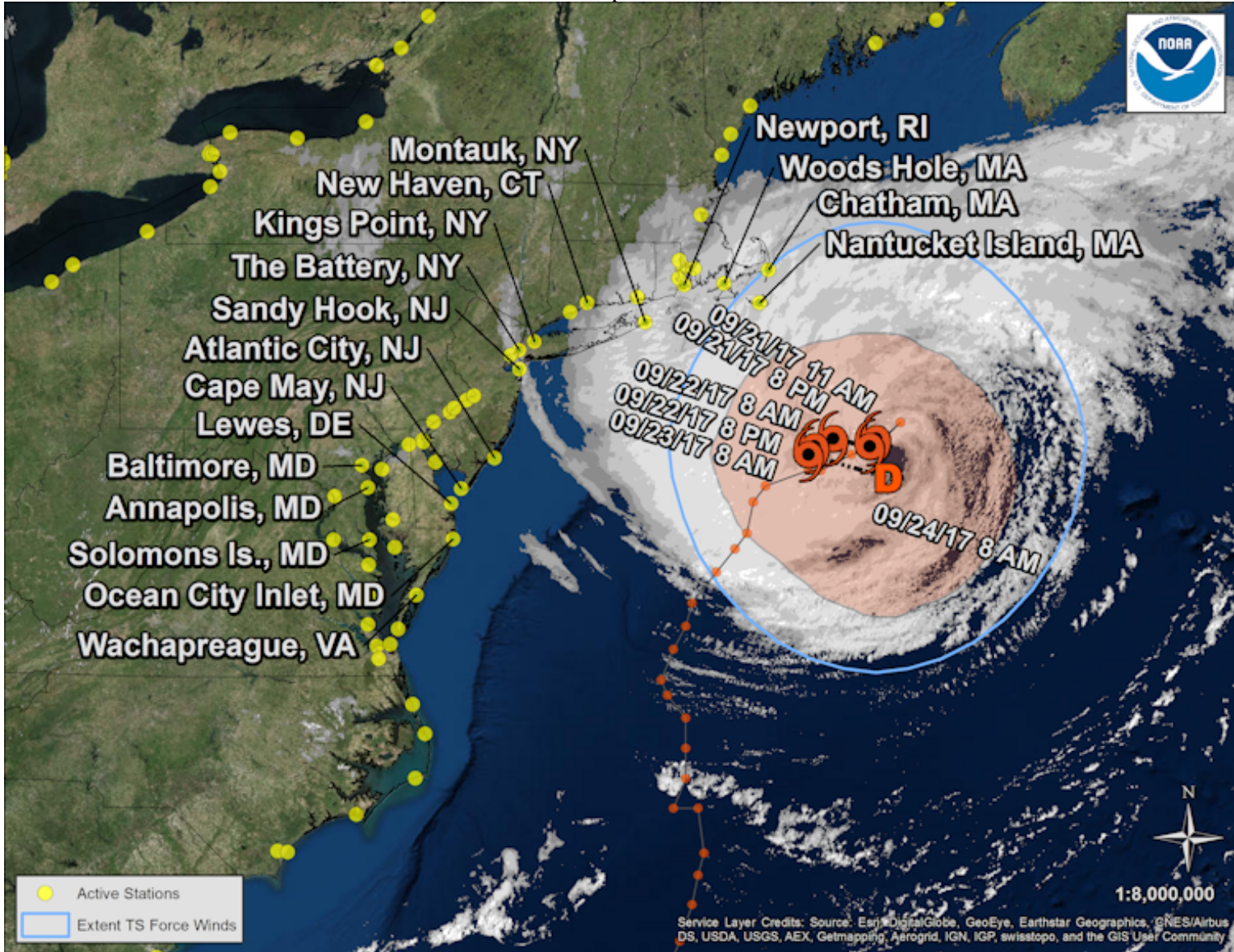




Tropical Storm JOSE QuickLook  
Posted: 12:00 AST 09/21/2017

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



### Storm Analysis

As of 09/21/2017 12:00 AST, water levels from the Mid-Atlantic to southern New England, including the Chesapeake Bay remain elevated due to Tropical Storm Jose and range between 0.5 and 2.0 feet above normal tide levels.

Winds across southern New England are running 15-25 knots with higher gusts upwards of 30-40 knots on Cape Cod and the islands in southeast Massachusetts. Along the Mid-Atlantic coast winds are running 8-15 knots. Barometric pressure has bottomed out or is rising gradually 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: CRD

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM JOSE ADVISORY NUMBER 65  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
1100 AM AST THU SEP 21 2017

...TROPICAL STORM CONDITIONS OCCURRING OVER PORTIONS OF  
EXTREME SOUTHEASTERN NEW ENGLAND...

...HIGH SURF AND RIP CURRENTS EXPECTED TO CONTINUE ON THE EAST  
COAST OF THE UNITED STATES...

SUMMARY OF 1100 AM AST...INFORMATION

-----  
LOCATION...39.6N 68.2W  
ABOUT 145 ML. SE OF NANTUCKET MASSACHUSETTS  
MAXIMUM SUSTAINED WINDS...60 MPH  
PRESENT MOVEMENT...STATIONARY  
MINIMUM CENTRAL PRESSURE...984 MB

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 1100 AM AST, THE CENTER OF TROPICAL STORM JOSE WAS LOCATED NEAR LATITUDE 39.6 NORTH, LONGITUDE 68.2 WEST. JOSE IS STATIONARY, AND THE SYSTEM IS EXPECTED TO MEANDER WELL OFFSHORE OF THE COAST OF SOUTHEAST NEW ENGLAND FOR THE NEXT FEW DAYS.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 60 MPH WITH HIGHER GUSTS. GRADUAL WEAKENING IS FORECAST DURING THE NEXT COUPLE OF DAYS, AND JOSE IS FORECAST TO BECOME POST-TROPICAL TONIGHT OR ON FRIDAY.

JOSE IS A LARGE SYSTEM. TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 205 MILES FROM THE CENTER. A SUSTAINED WIND OF 36 MPH WITH A GUST TO 48 MPH WAS RECENTLY REPORTED AT THE NANTUCKET AIRPORT. AN UNOFFICIAL OBSERVING SITE IN VINEYARD HAVEN ON MARTHA'S VINEYARD RECENTLY REPORTED A SUSTAINED WIND OF 39 MPH WITH A GUST TO 52 MPH.

THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE RECONNAISSANCE AIRCRAFT IS 984 MB.

#### 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 FEW 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

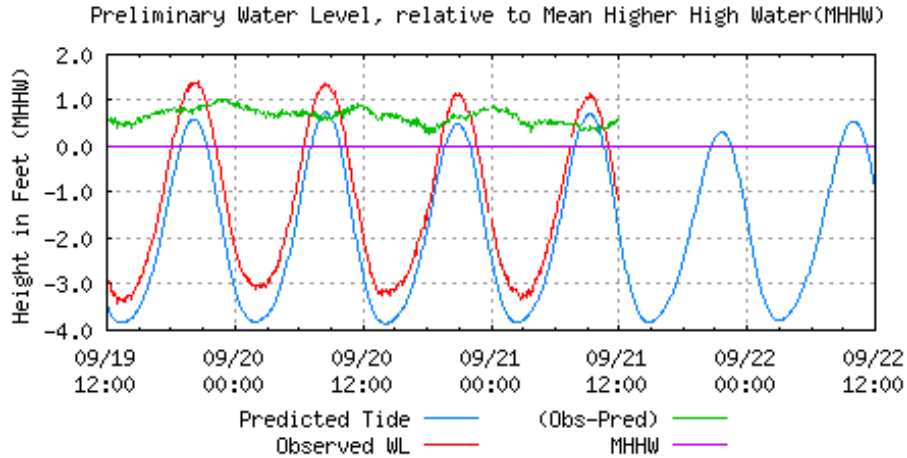
-----  
NEXT INTERMEDIATE ADVISORY AT 200 PM AST.  
NEXT COMPLETE ADVISORY AT 500 PM AST.

FORECASTER CANGIALOSI

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.

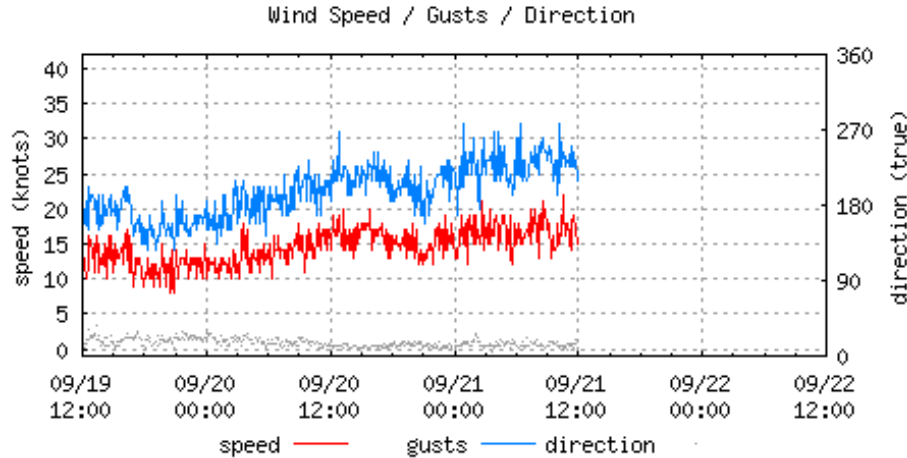
Jump to: [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Chatham - Water Level](#), [New Haven - Water Level](#), [New Haven - Winds](#), [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



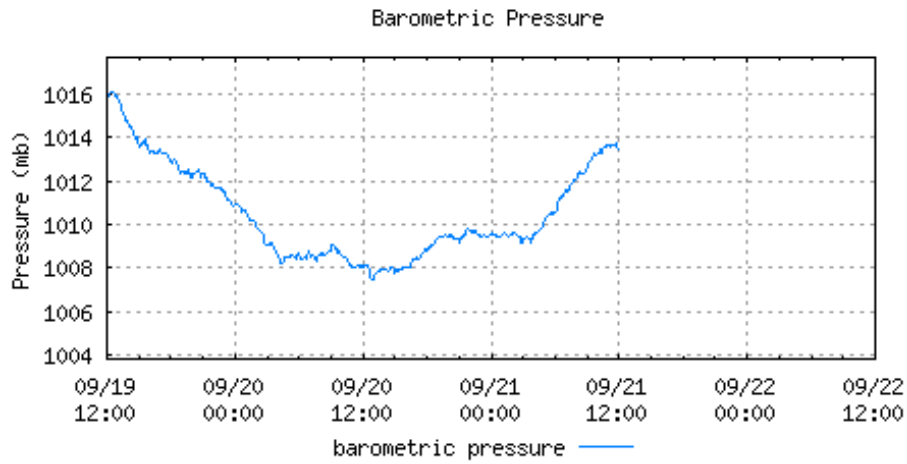
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: -1.27 ft. Predicted: -1.86 ft. Residual: 0.59 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.  
 Next High Tide: 09/21/2017 21:35 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 15 knots Gusts: 22 knots Direction: 10° T**

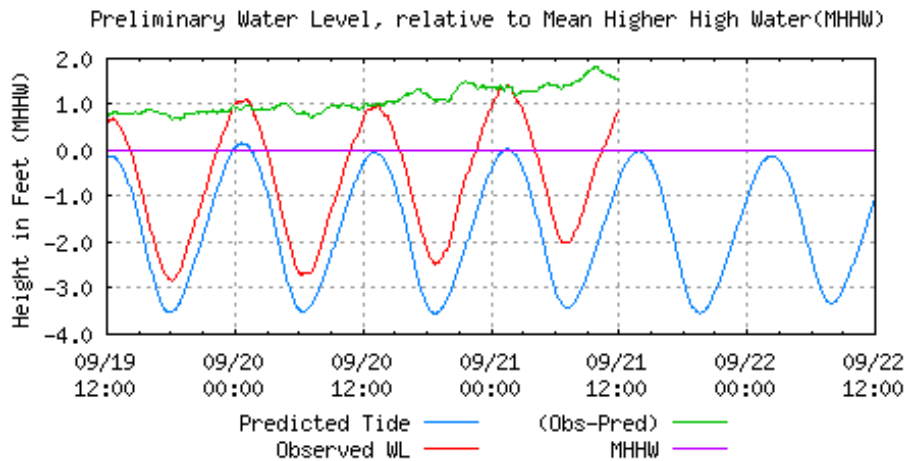
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/21/2017 12:00 (EDT)

Barometric Pressure: 1013.5 mb

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



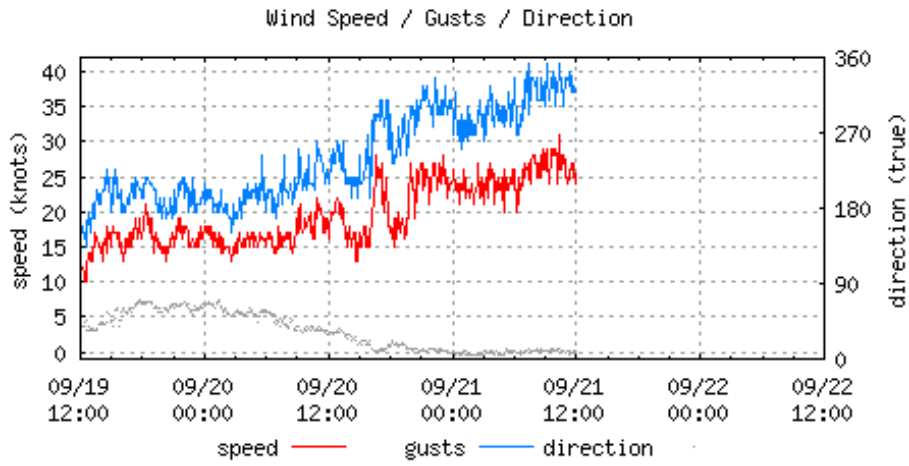
Last Observed Sample: 09/21/2017 11:54 (EDT). Data relative to MHHW

Observed: 0.85 ft. Predicted: -0.70 ft. Residual: 1.55 ft.

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

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

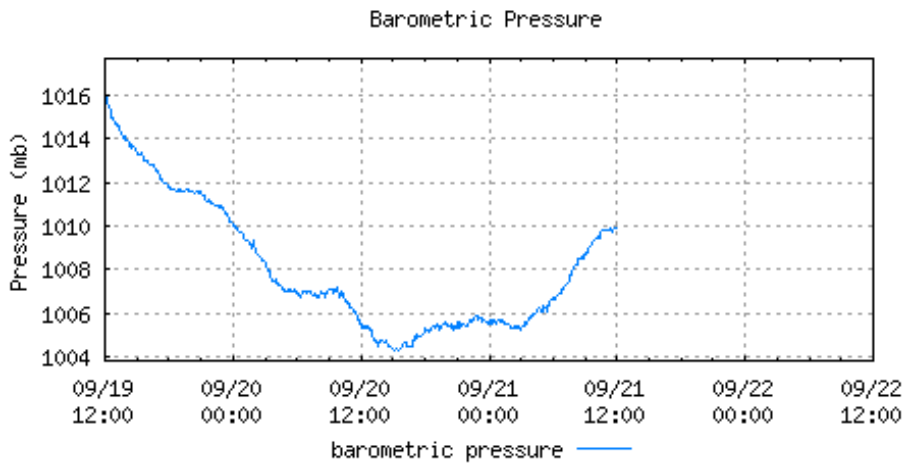
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/21/2017 11:54 (EDT)

Wind Speed: 24 knots Gusts: 37 knots Direction: 10° T

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

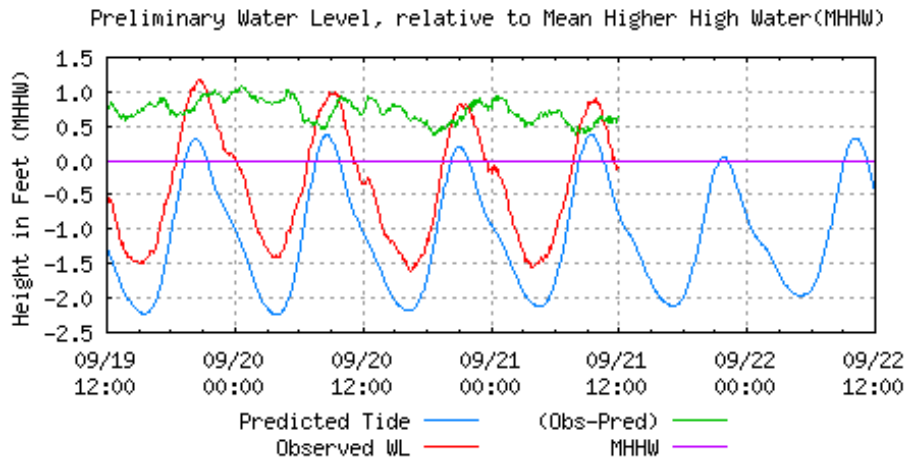


Last Observed Sample: 09/21/2017 11:54 (EDT)

Barometric Pressure: 1009.9 mb

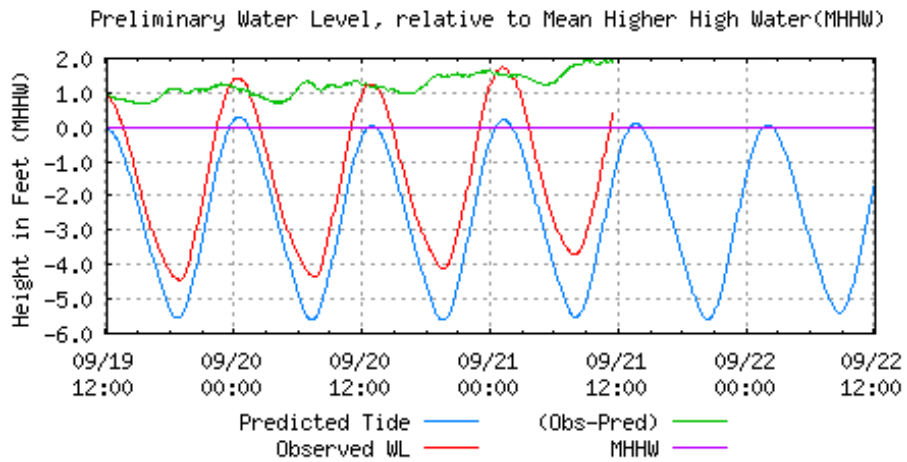


NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



Last Observed Sample: 09/21/2017 11:54 (EDT). Data relative to MHHW  
**Observed: -0.10 ft. Predicted: -0.75 ft. Residual: 0.65 ft.**  
 Historical Maximum Water Level: Sep 21 1938, 8.58 ft.  
 Next High Tide: 09/21/2017 21:47 (EDT), 0.04 ft.

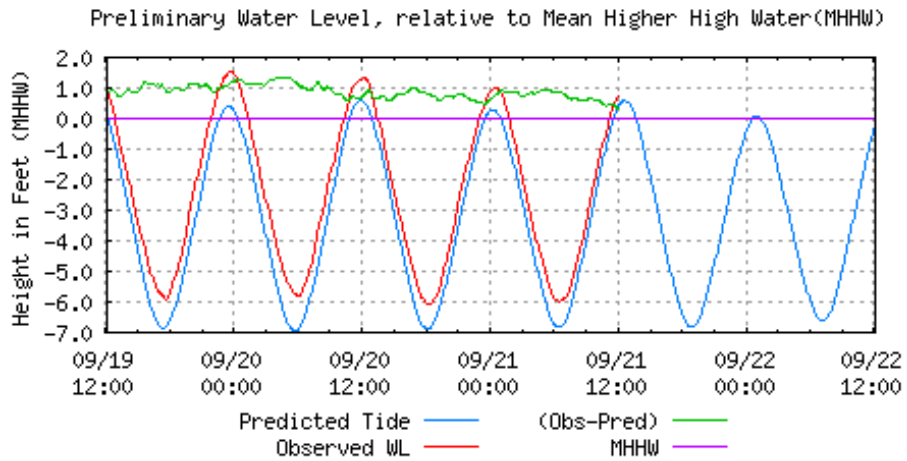
NOAA/NOS/CO-OPS 8447435 Chatham, MA



Last Observed Sample: 09/21/2017 11:30 (EDT). Data relative to MHHW  
**Observed: 0.41 ft. Predicted: -1.57 ft. Residual: 1.98 ft.**  
 Historical Maximum Water Level: Jan 3 2014, 4.26 ft.  
 Next High Tide: 09/21/2017 13:40 (EDT), 0.11 ft.

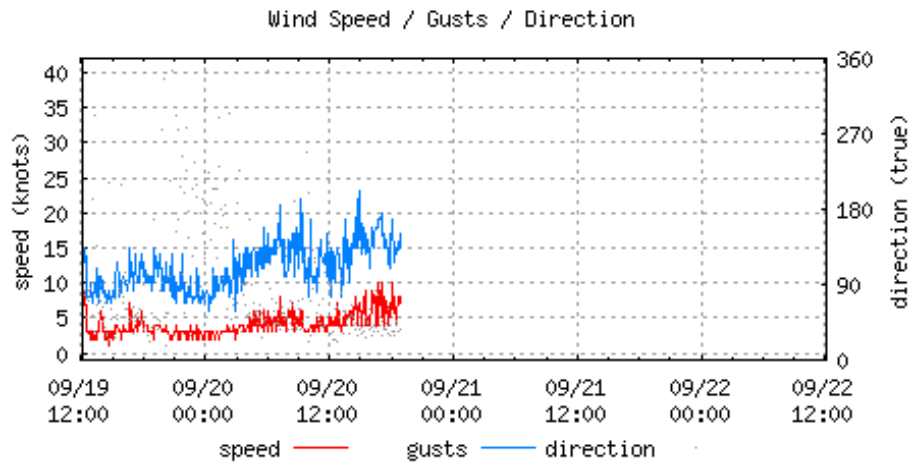


NOAA/NOS/CO-OPS 8465705 New Haven, CT



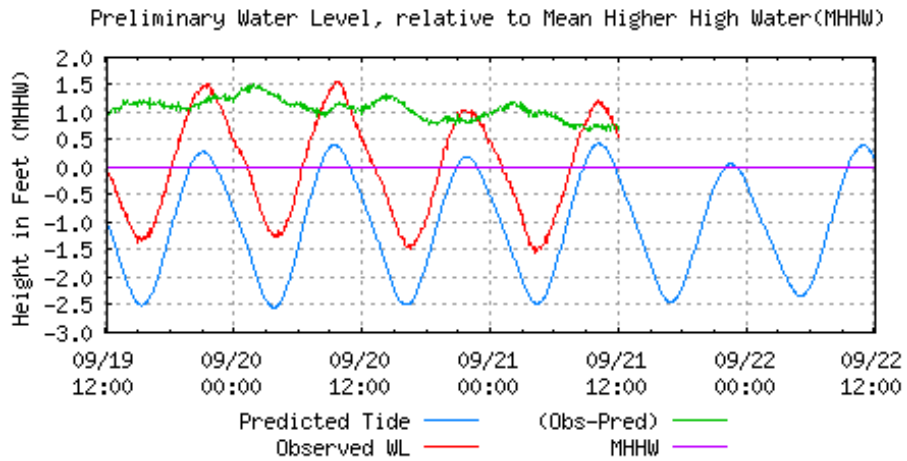
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 0.72 ft. Predicted: 0.37 ft. Residual: 0.35 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.  
 Next High Tide: 09/21/2017 12:37 (EDT), 0.58 ft.

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



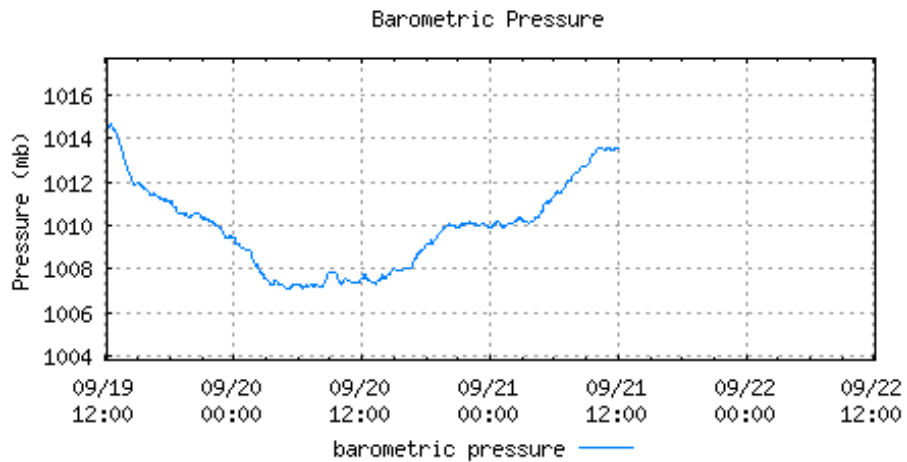
Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 8 knots Gusts: 15 knots Direction: 36° T**

NOAA/NOS/CO-OPS 8510560 Montauk, NY



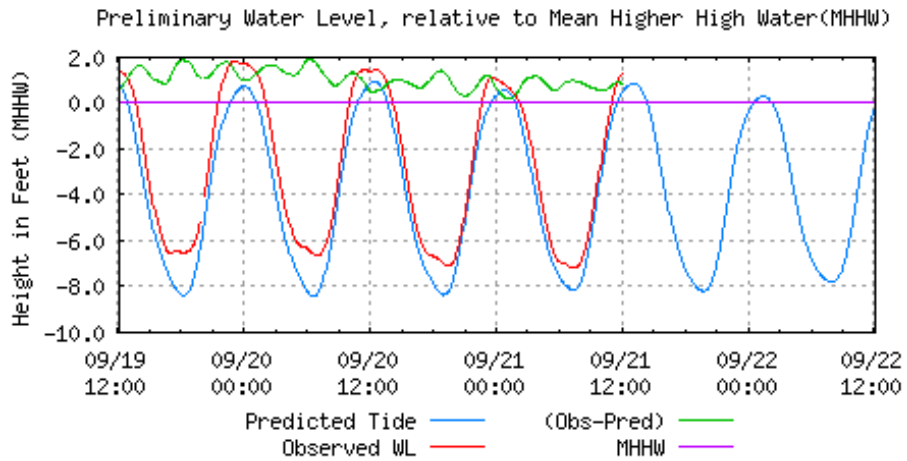
Last Observed Sample: 09/21/2017 12:06 (EDT). Data relative to MHHW  
**Observed: 0.51 ft. Predicted: -0.20 ft. Residual: 0.71 ft.**  
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.  
 Next High Tide: 09/21/2017 22:35 (EDT), 0.07 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY



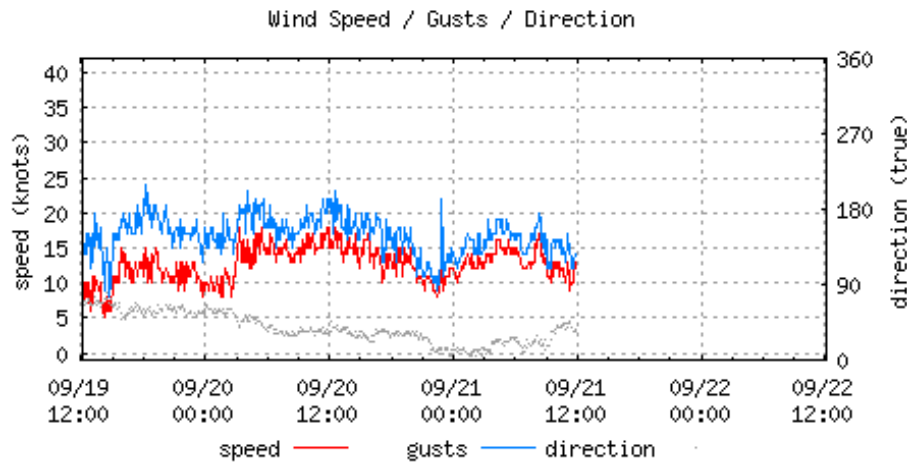
Last Observed Sample: 09/21/2017 12:06 (EDT)  
**Barometric Pressure: 1013.5 mb**

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



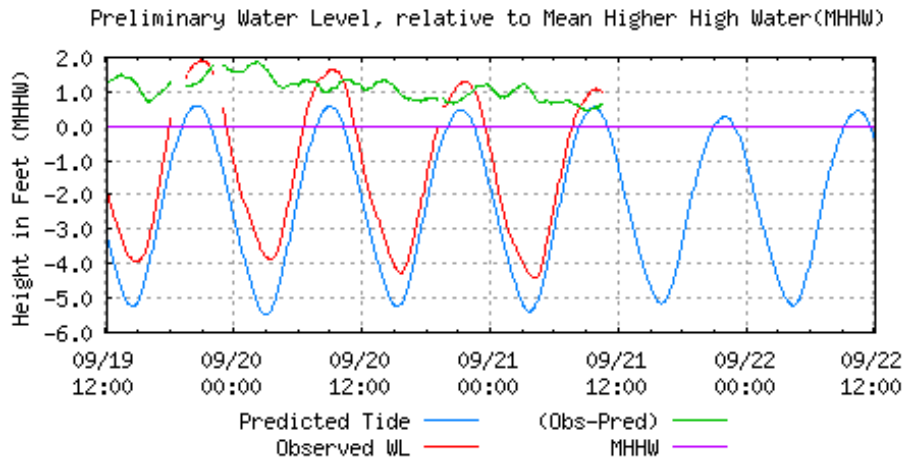
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 1.25 ft. Predicted: 0.45 ft. Residual: 0.80 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.  
 Next High Tide: 09/21/2017 13:04 (EDT), 0.86 ft.

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



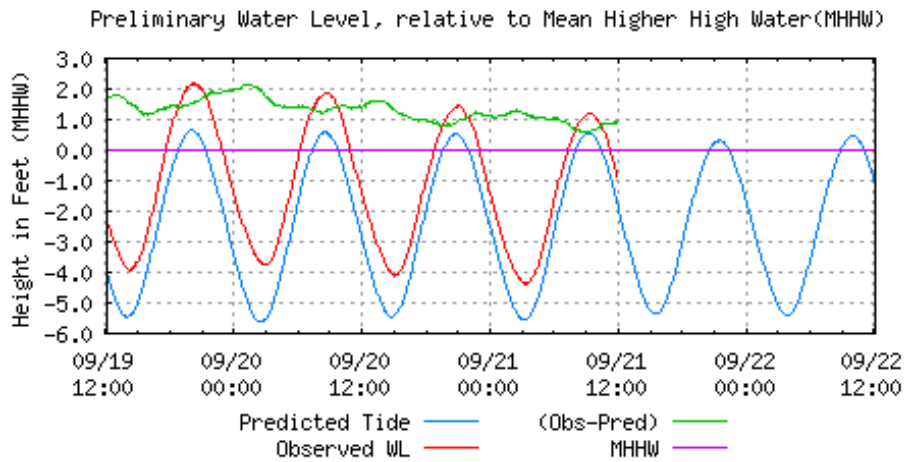
Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 12 knots Gusts: 14 knots Direction: 42° T**

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



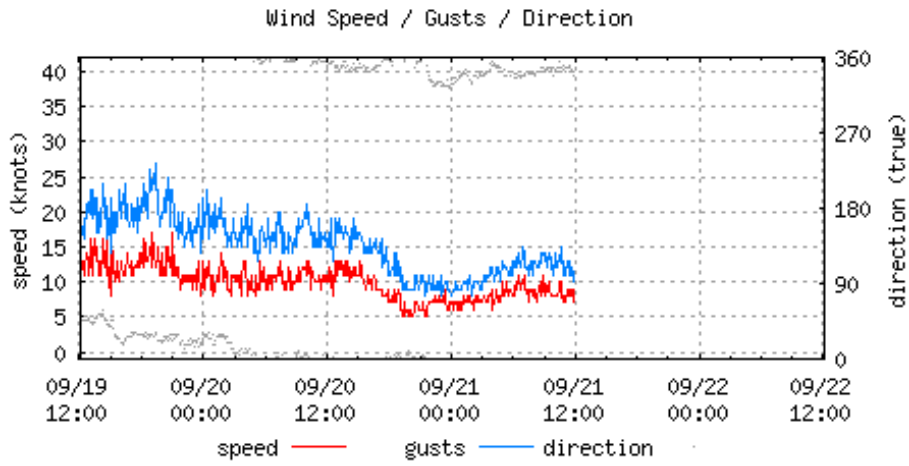
Last Observed Sample: 09/21/2017 10:30 (EDT). Data relative to MHHW  
**Observed: 1.00 ft. Predicted: 0.35 ft. Residual: 0.65 ft.**  
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.  
 Next High Tide: 09/21/2017 22:00 (EDT), 0.27 ft.

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



Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: -0.99 ft. Predicted: -1.90 ft. Residual: 0.91 ft.**  
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.  
 Next High Tide: 09/21/2017 21:30 (EDT), 0.31 ft.

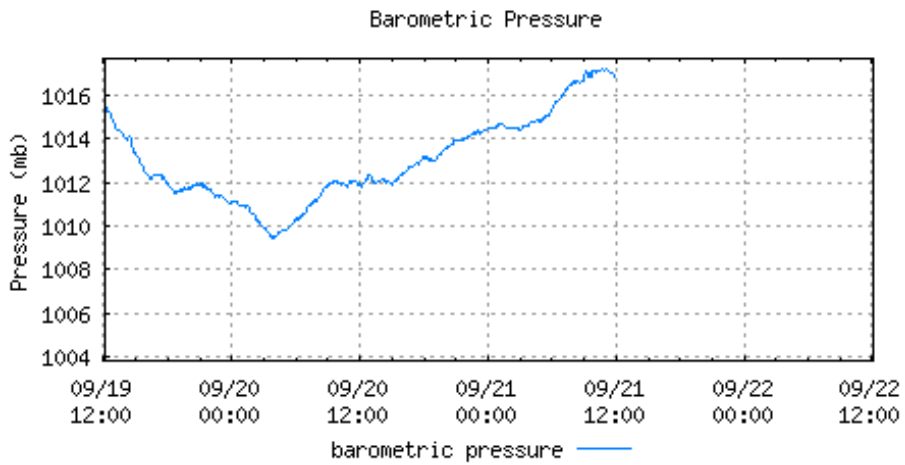
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 12:00 (EDT)

Wind Speed: 7 knots Gusts: 11 knots Direction: 346° T

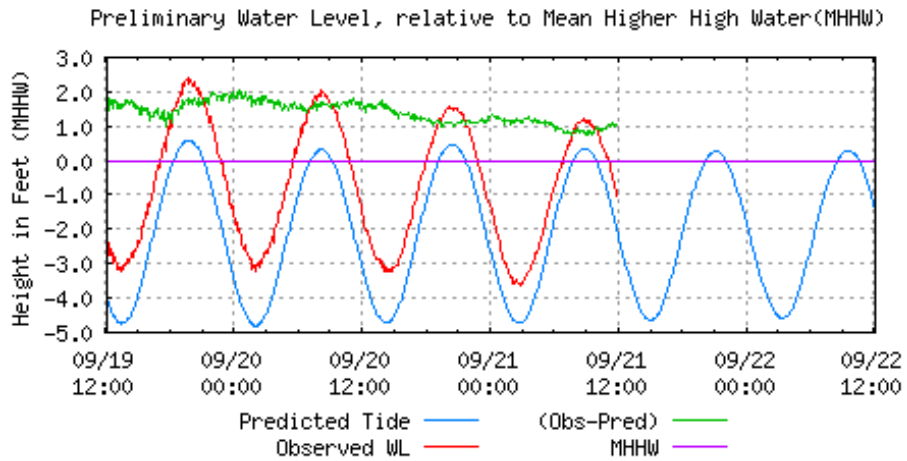
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/21/2017 12:00 (EDT)

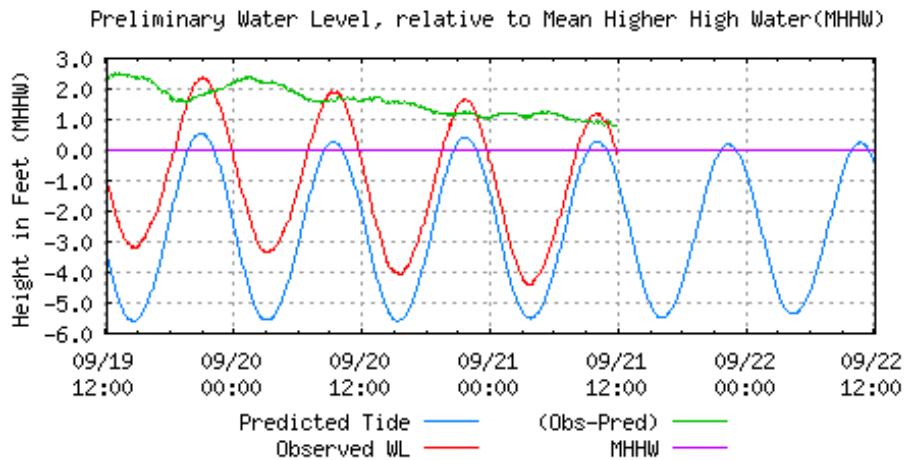
Barometric Pressure: 1016.9 mb

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



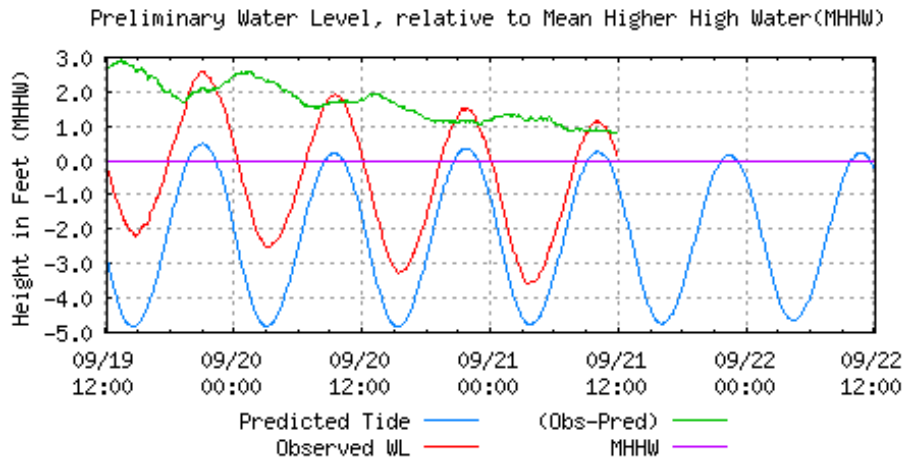
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: -1.07 ft. Predicted: -2.17 ft. Residual: 1.10 ft.**  
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.  
 Next High Tide: 09/21/2017 21:10 (EDT), 0.26 ft.

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



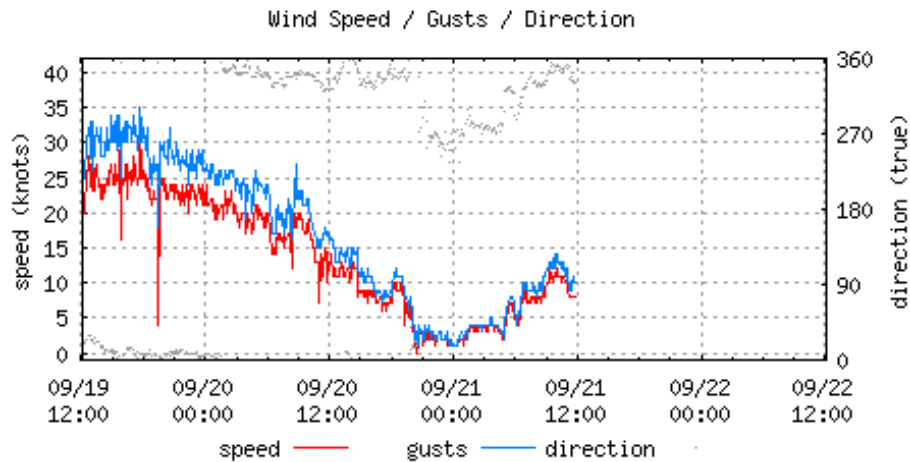
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: -0.27 ft. Predicted: -1.07 ft. Residual: 0.80 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 3.53 ft.  
 Next High Tide: 09/21/2017 22:19 (EDT), 0.20 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 0.03 ft. Predicted: -0.77 ft. Residual: 0.80 ft.**  
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.  
 Next High Tide: 09/21/2017 22:24 (EDT), 0.16 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE

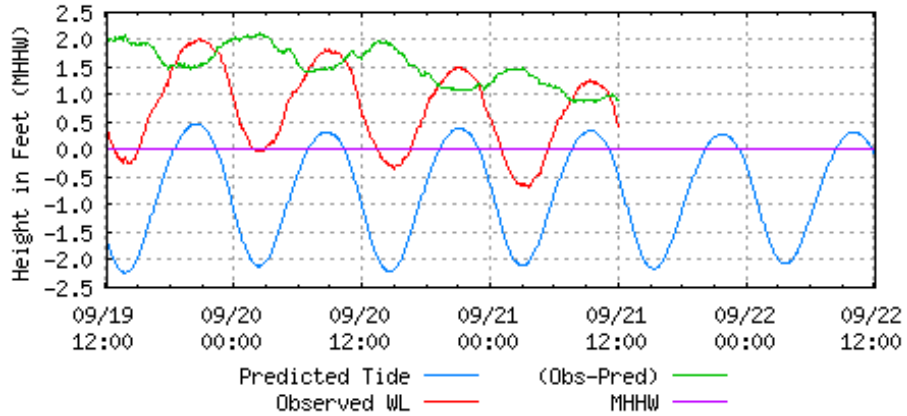


Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 7 knots Gusts: 9 knots Direction: 332° T**



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

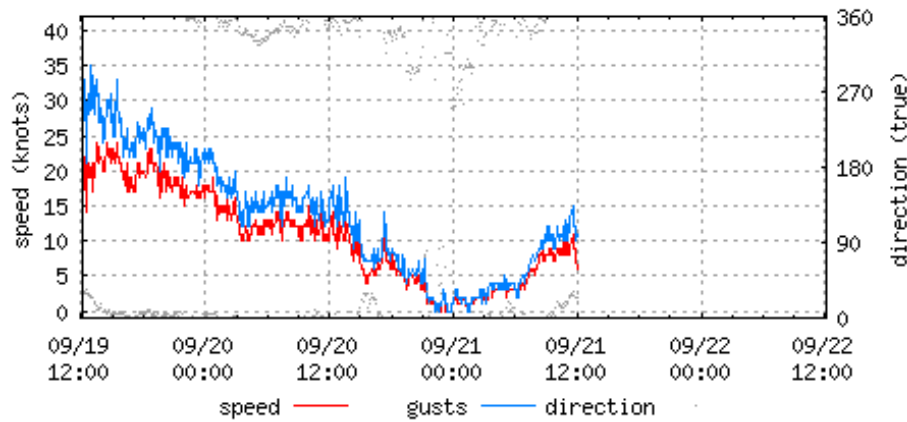
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/21/2017 12:06 (EDT). Data relative to MHHW  
**Observed: 0.38 ft. Predicted: -0.53 ft. Residual: 0.91 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 3.61 ft.  
 Next High Tide: 09/21/2017 21:44 (EDT), 0.29 ft.

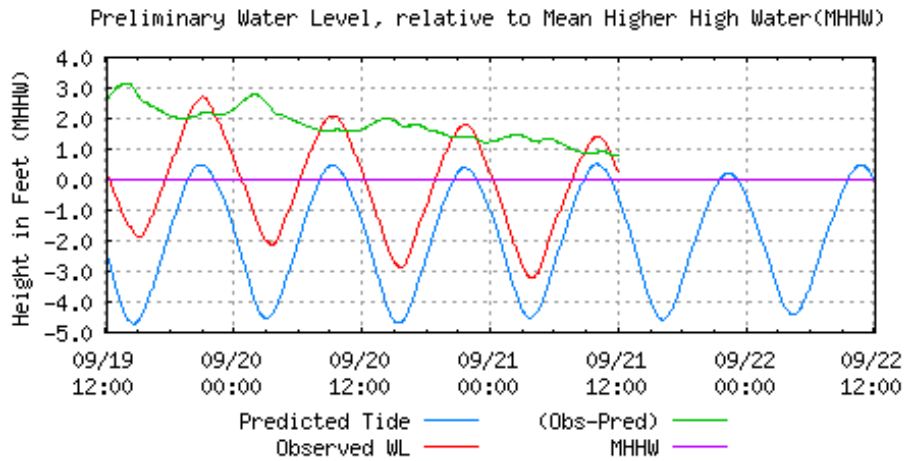
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



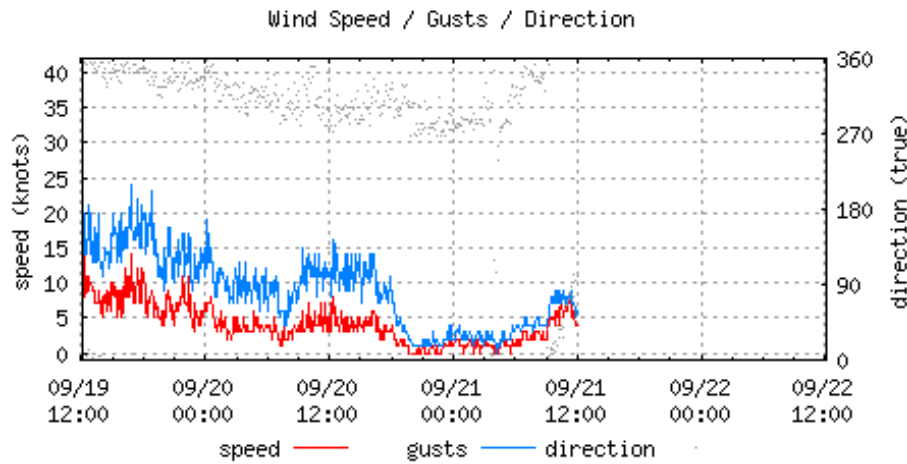
Last Observed Sample: 09/21/2017 12:06 (EDT)  
**Wind Speed: 8 knots Gusts: 11 knots Direction: 26° T**

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



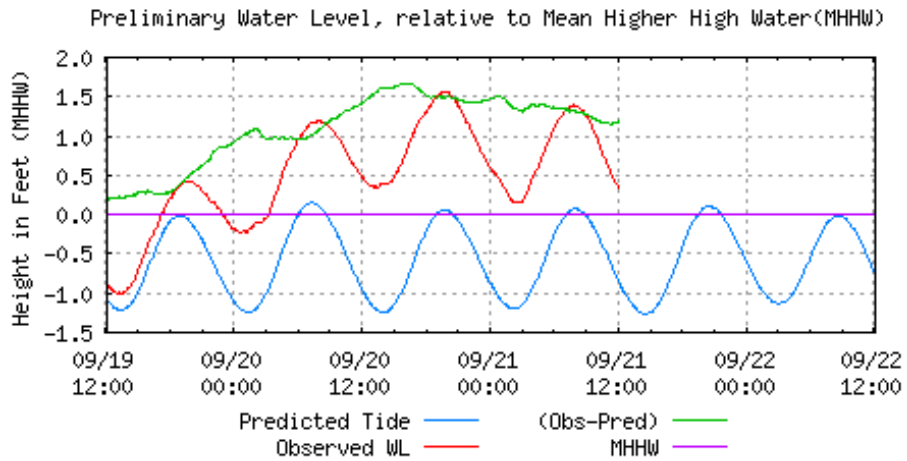
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 0.24 ft. Predicted: -0.59 ft. Residual: 0.83 ft.**  
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.  
 Next High Tide: 09/21/2017 22:20 (EDT), 0.23 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



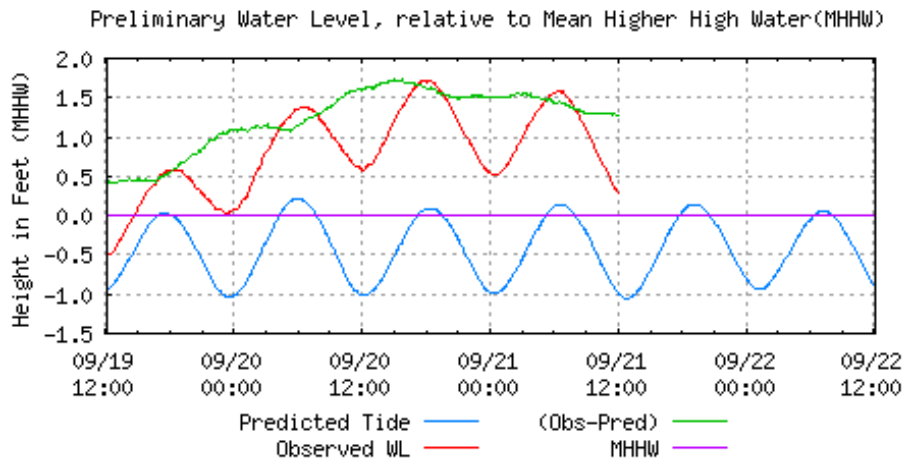
Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 4 knots Gusts: 6 knots Direction: 99° T**

NOAA/NOS/CO-OPS 8574680 Baltimore, MD



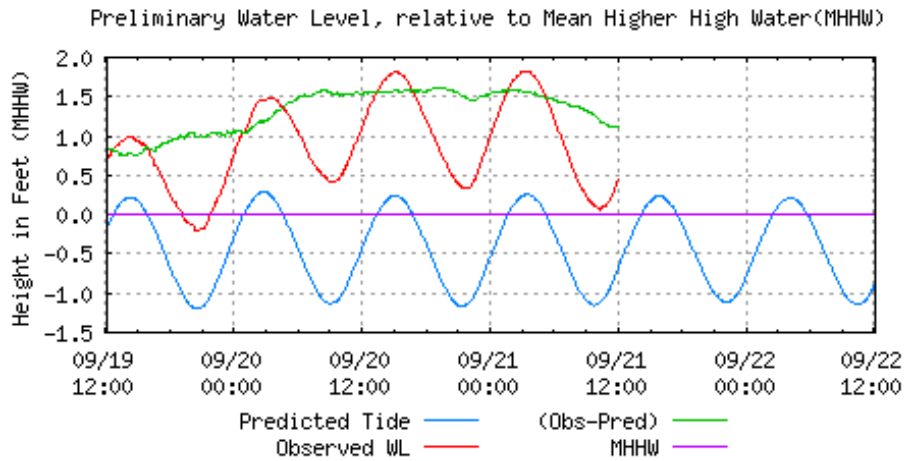
Last Observed Sample: 09/21/2017 12:06 (EDT). Data relative to MHHW  
**Observed: 0.33 ft. Predicted: -0.86 ft. Residual: 1.19 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 6.49 ft.  
 Next High Tide: 09/21/2017 20:31 (EDT), 0.10 ft.

NOAA/NOS/CO-OPS 8575512 Annapolis, MD



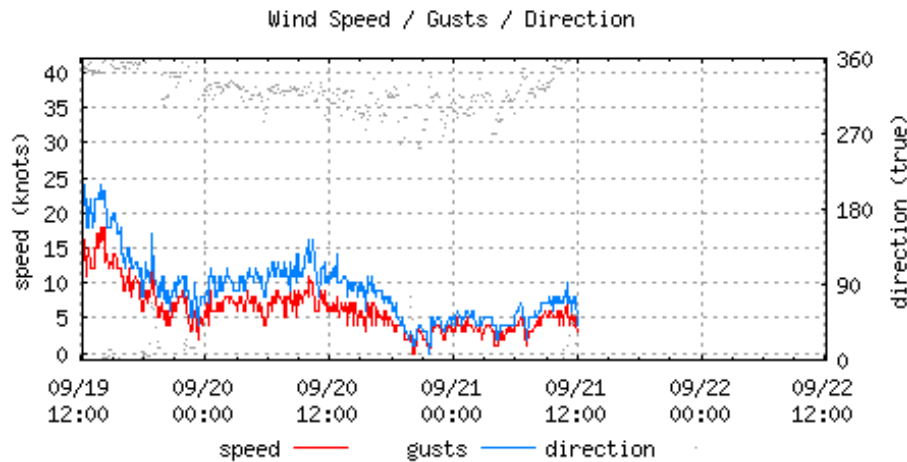
Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 0.28 ft. Predicted: -0.99 ft. Residual: 1.27 ft.**  
 Historical Maximum Water Level: Sep 19 2003, 5.73 ft.  
 Next High Tide: 09/21/2017 19:08 (EDT), 0.15 ft.

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



Last Observed Sample: 09/21/2017 12:00 (EDT). Data relative to MHHW  
**Observed: 0.44 ft. Predicted: -0.69 ft. Residual: 1.13 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



Last Observed Sample: 09/21/2017 12:00 (EDT)  
**Wind Speed: 3 knots Gusts: 4 knots Direction: 54° 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 12:00 (EDT)	-1.27 ft	-1.86 ft	0.59 ft	1.15 ft
8449130	Nantucket Island, MA	09/21/2017 11:54 (EDT)	0.85 ft	-0.70 ft	1.55 ft	1.43 ft
8447930	Woods Hole, MA	09/21/2017 11:54 (EDT)	-0.10 ft	-0.75 ft	0.65 ft	0.90 ft
8447435	Chatham, MA	09/21/2017 11:30 (EDT)	0.41 ft	-1.57 ft	1.98 ft	1.76 ft
8465705	New Haven, CT	09/21/2017 12:00 (EDT)	0.72 ft	0.37 ft	0.35 ft	1.31 ft
8510560	Montauk, NY	09/21/2017 12:06 (EDT)	0.51 ft	-0.20 ft	0.71 ft	1.20 ft
8516945	Kings Point, NY	09/21/2017 12:00 (EDT)	1.25 ft	0.45 ft	0.80 ft	1.47 ft
8518750	The Battery, NY	09/21/2017 10:30 (EDT)	1.00 ft	0.35 ft	0.65 ft	1.49 ft
8531680	Sandy Hook, NJ	09/21/2017 12:00 (EDT)	-0.99 ft	-1.90 ft	0.91 ft	1.45 ft
8534720	Atlantic City, NJ	09/21/2017 12:00 (EDT)	-1.07 ft	-2.17 ft	1.10 ft	1.57 ft
8536110	Cape May, NJ	09/21/2017 12:00 (EDT)	-0.27 ft	-1.07 ft	0.80 ft	1.66 ft
8557380	Lewes, DE	09/21/2017 12:00 (EDT)	0.03 ft	-0.77 ft	0.80 ft	1.52 ft
8570283	Ocean City Inlet, MD	09/21/2017 12:06 (EDT)	0.38 ft	-0.53 ft	0.91 ft	1.50 ft
8631044	Wachapreague, VA	09/21/2017 12:00 (EDT)	0.24 ft	-0.59 ft	0.83 ft	1.79 ft
8574680	Baltimore, MD	09/21/2017 12:06 (EDT)	0.33 ft	-0.86 ft	1.19 ft	1.55 ft
8575512	Annapolis, MD	09/21/2017 12:00 (EDT)	0.28 ft	-0.99 ft	1.27 ft	1.72 ft
8577330	Solomons Island, MD	09/21/2017 12:00 (EDT)	0.44 ft	-0.69 ft	1.13 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