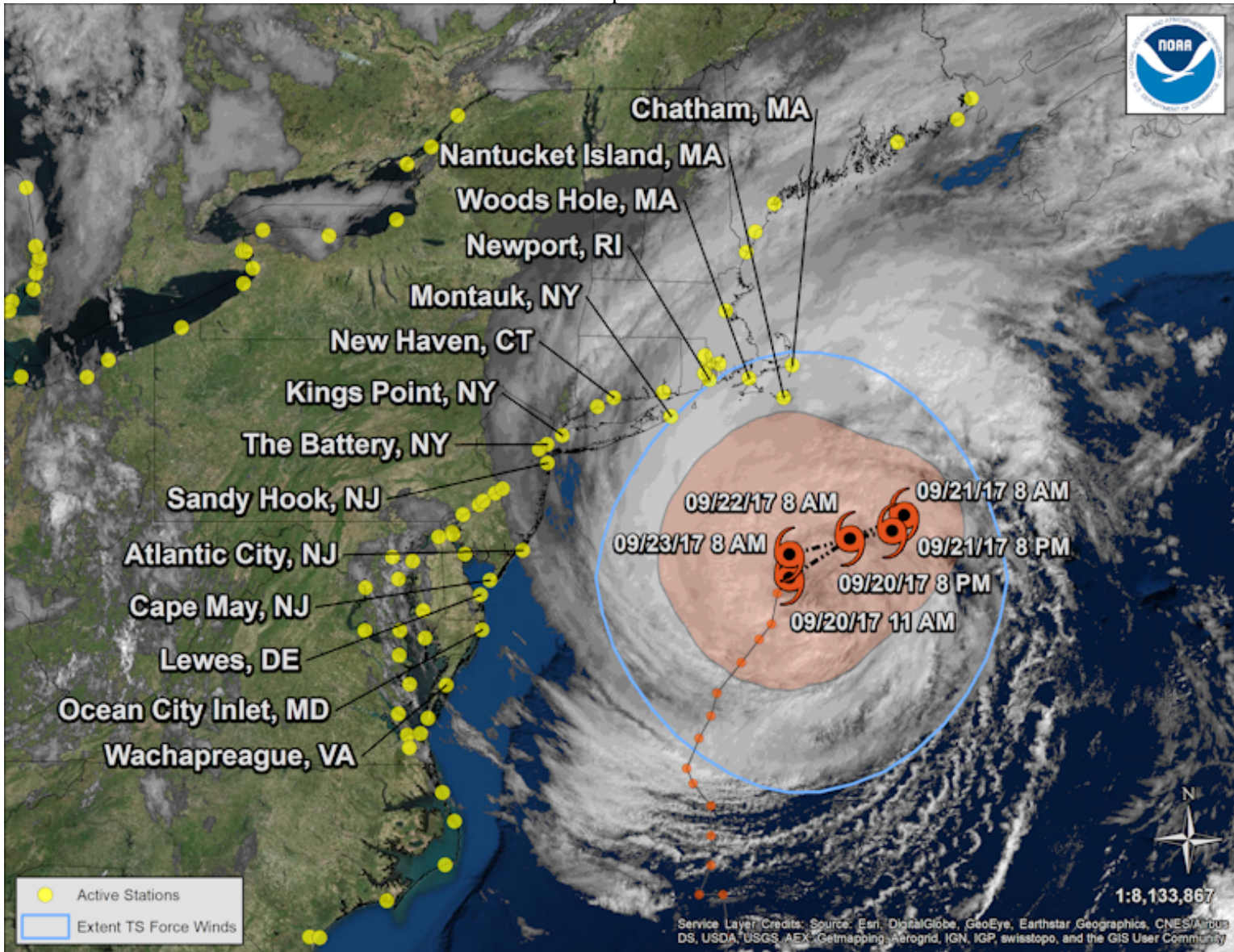




Tropical Storm JOSE QuickLook
Posted: 12:00 EDT 09/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/20/2017 12:00 EDT, water levels along the Atlantic coast from Wachapreague, VA to Long Island, NY are measuring 1.0 to 2.0 feet above normal tide levels. Water levels within Long Island Sound and across southern New England are slightly elevated by 0.70 to 1.25 feet above tidal predictions.

Winds along the northeast coast are generally staying below 20 knots with slightly higher gusts at times. Barometric pressure continues to gradually decrease along the Atlantic coast from northern New Jersey to Massachusetts.

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: AC

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Jose Advisory Number 61

NWS National Hurricane Center Miami FL

1100 AM EDT Wed Sep 20 2017

...AIR FORCE HURRICANE HUNTERS INDICATE THAT JOSE IS A STRONG TROPICAL STORM...

...DANGEROUS SURF AND RIP CURRENTS EXPECTED TO CONTINUE FOR SEVERAL MORE DAYS ALONG MUCH OF THE EAST COAST OF THE UNITED STATES...

SUMMARY OF 1100 AM EDT...1500 UTC...INFORMATION

LOCATION...39.0N 70.0W

ABOUT 150 MI...245 KM S OF NANTUCKET MASSACHUSETTS

MAXIMUM SUSTAINED WINDS...70 MPH...110 KM/H

PRESENT MOVEMENT...NE OR 35 DEGREES AT 8 MPH...13 KM/H

MINIMUM CENTRAL PRESSURE...976 MB...28.82 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

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within the next 12 to 24 hours.

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 AM EDT (1500 UTC), the center of Tropical Storm Jose was located near latitude 39.0 North, longitude 70.0 West. Jose is moving toward the northeast near 8 mph (13 km/h), and this general motion with a decrease in forward speed is expected to continue through tonight. A slow westward motion is expected to begin on Thursday. On the forecast track, the center of Jose is expected to pass well to the east of the New Jersey coast today, and pass offshore of southeastern Massachusetts on Thursday.

Maximum sustained winds are near 70 mph (110 km/h) with higher gusts. Gradual weakening is forecast during the next couple of days.

Jose is a large system. Tropical-storm-force winds extend outward up to 205 miles (335 km) from the center.

The minimum central pressure based on data from the Air Force Hurricane Hunters is 976 mb (28.82 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to begin in the warning area later 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 Thursday:

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

These rainfall totals could cause isolated flash flooding.

NEXT ADVISORY

Next intermediate advisory at 200 PM EDT.

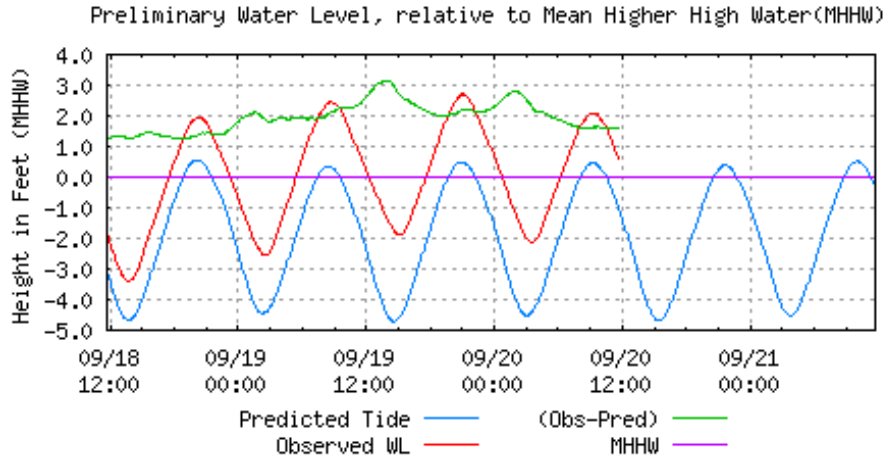
Next complete advisory at 500 PM EDT.

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.

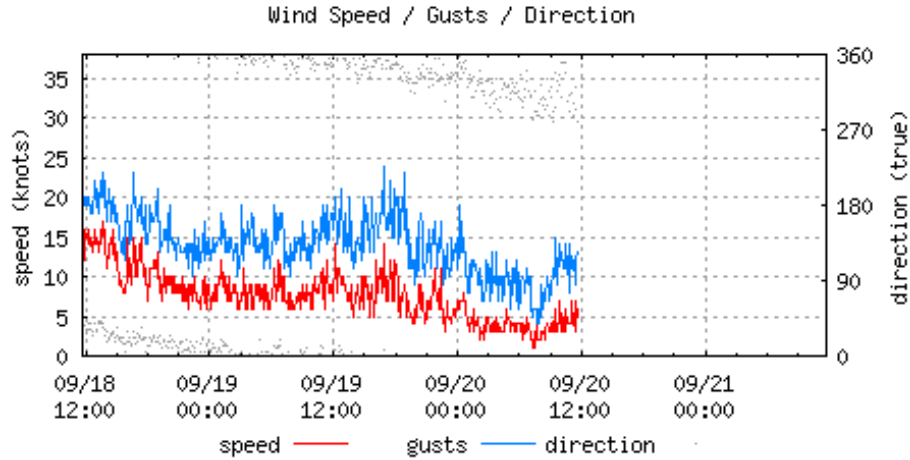
Jump to: [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague - Barometric](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Cape May - Water Level](#), [Cape May - Winds](#),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

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



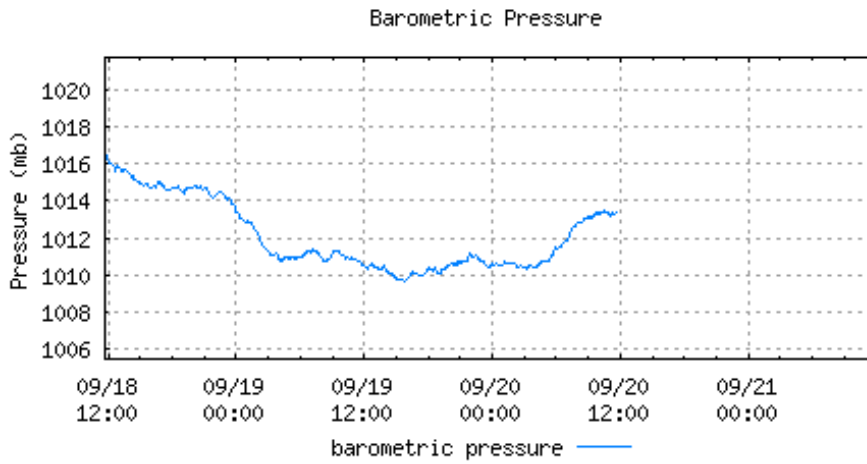
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 0.62 ft. Predicted: -0.97 ft. Residual: 1.59 ft.
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
 Next High Tide: 09/20/2017 21:38 (EDT), 0.38 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/20/2017 11:36 (EDT)
Wind Speed: 5 knots Gusts: 13 knots Direction: 280° T

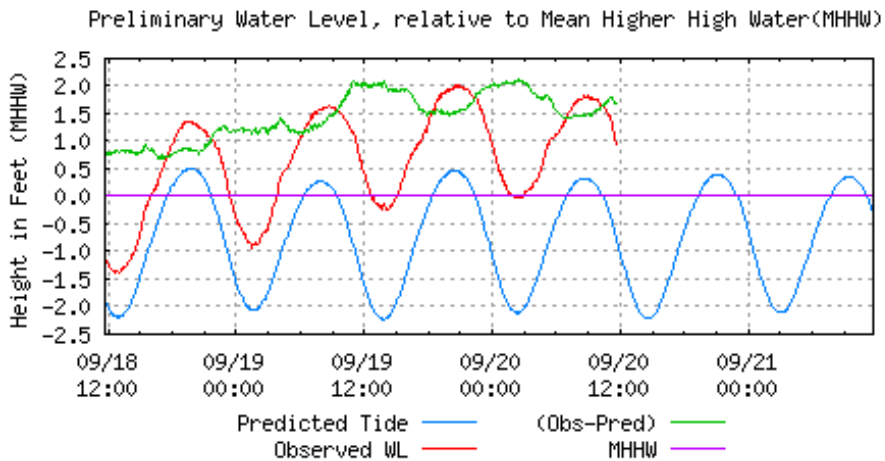
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1013.4 mb

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



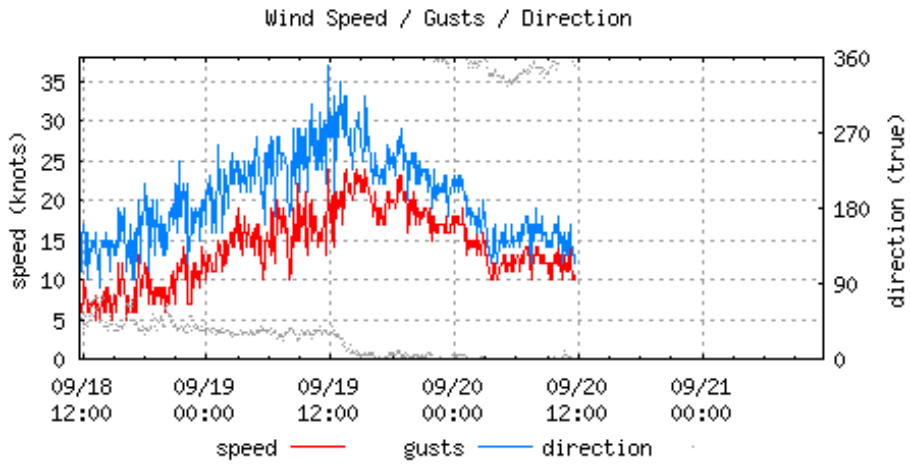
Last Observed Sample: 09/20/2017 11:42 (EDT). Data relative to MHHW

Observed: 0.87 ft. Predicted: -0.81 ft. Residual: 1.68 ft.

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

Next High Tide: 09/20/2017 21:08 (EDT), 0.39 ft.

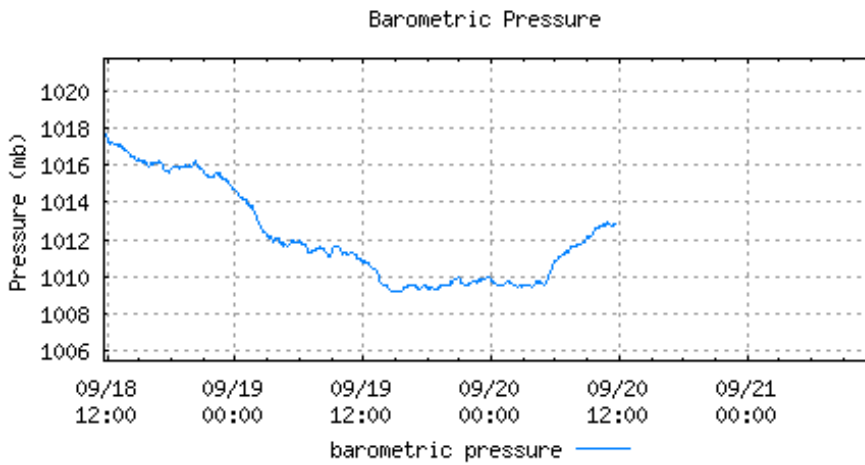
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/20/2017 11:42 (EDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 356° T

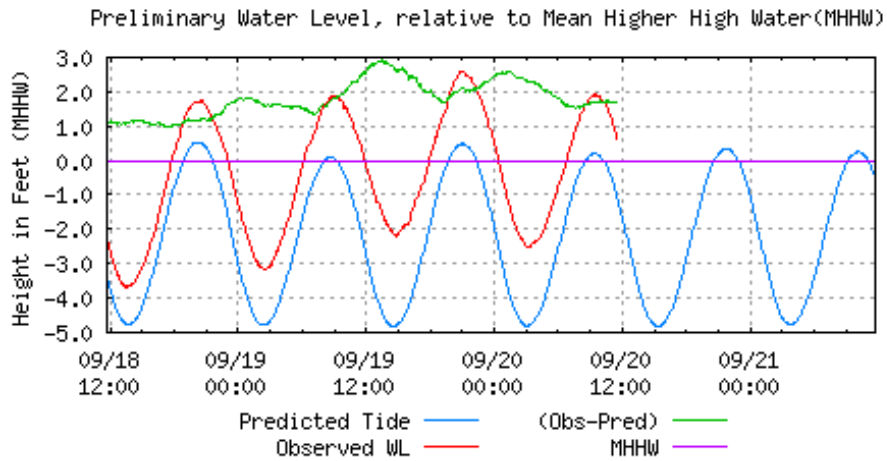
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/20/2017 11:42 (EDT)

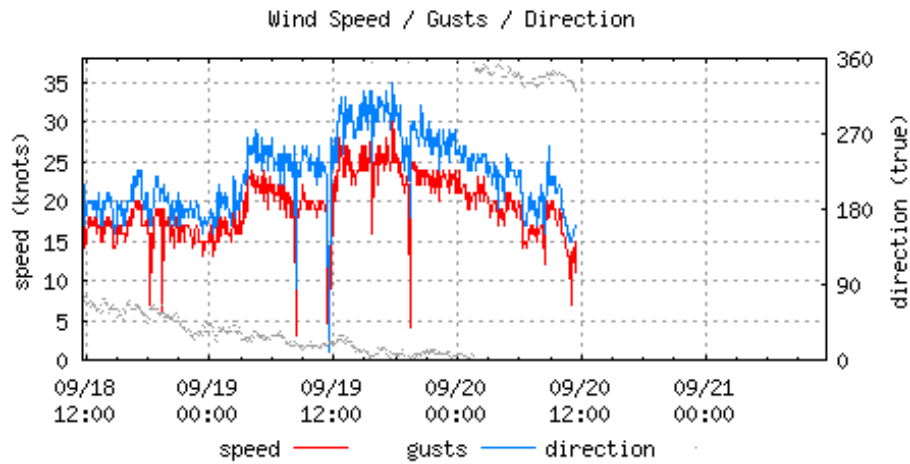
Barometric Pressure: 1012.8 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE



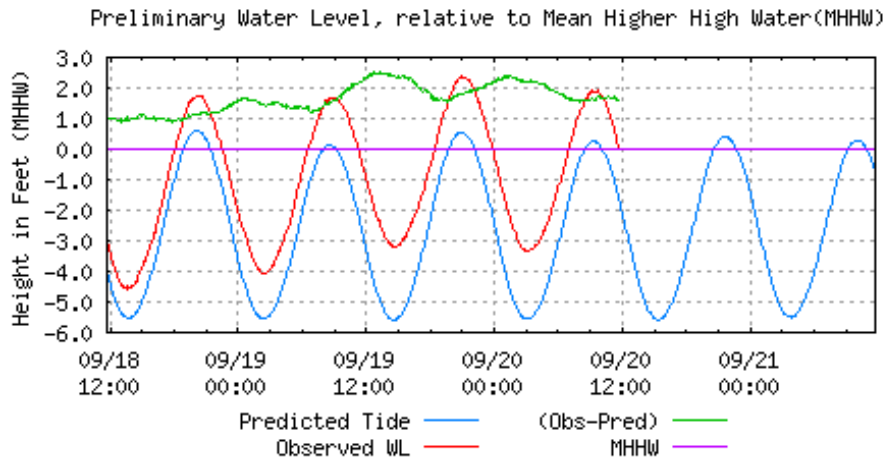
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 0.55 ft. Predicted: -1.17 ft. Residual: 1.72 ft.
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
 Next High Tide: 09/20/2017 21:43 (EDT), 0.35 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



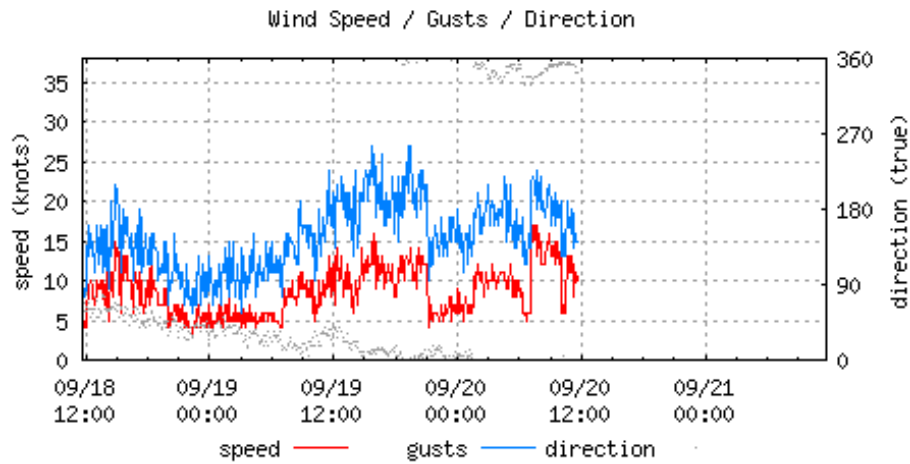
Last Observed Sample: 09/20/2017 11:36 (EDT)
Wind Speed: 15 knots Gusts: 18 knots Direction: 322° T

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



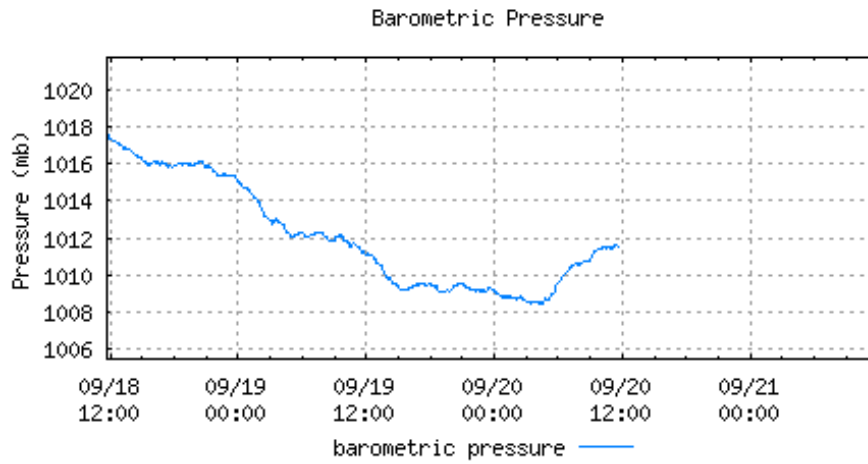
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 0.08 ft. Predicted: -1.53 ft. Residual: 1.61 ft.
 Historical Maximum Water Level: Jan 23 2016, 3.53 ft.
 Next High Tide: 09/20/2017 21:38 (EDT), 0.42 ft.

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



Last Observed Sample: 09/20/2017 11:36 (EDT)
Wind Speed: 10 knots Gusts: 15 knots Direction: 343° T

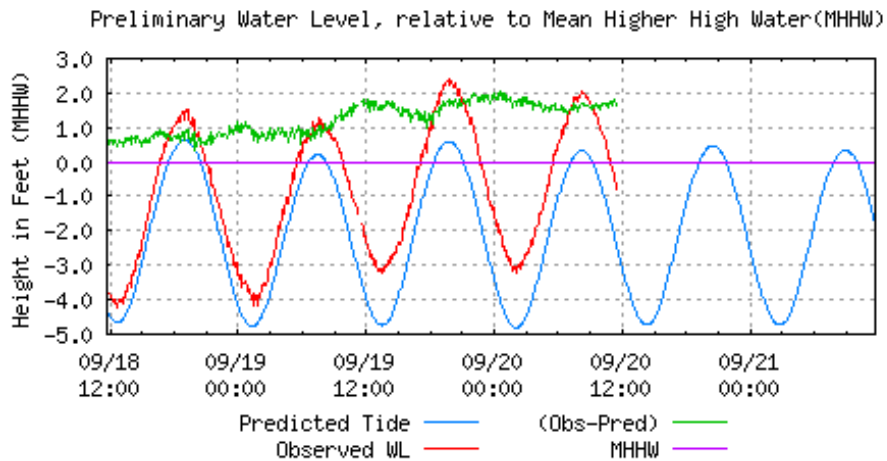
NOAA/NOS/CO-OPS 8536110 Cape May, NJ



Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1011.5 mb

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



Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW

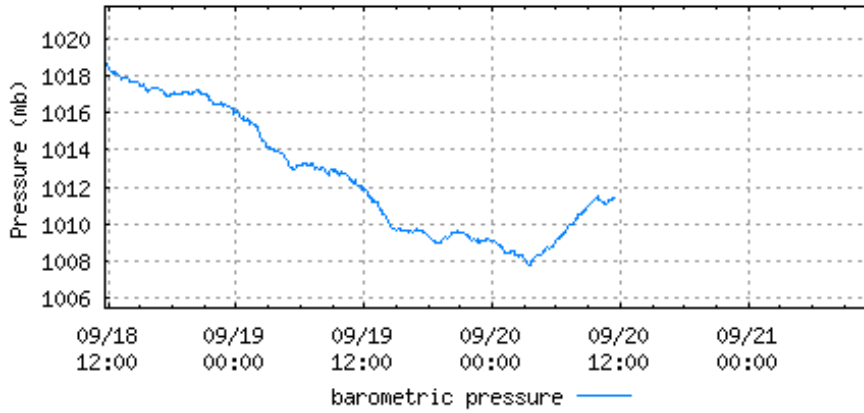
Observed: -0.91 ft. Predicted: -2.63 ft. Residual: 1.72 ft.

Historical Maximum Water Level: Dec 11 1992, 4.38 ft.

Next High Tide: 09/20/2017 20:28 (EDT), 0.47 ft.

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

Barometric Pressure

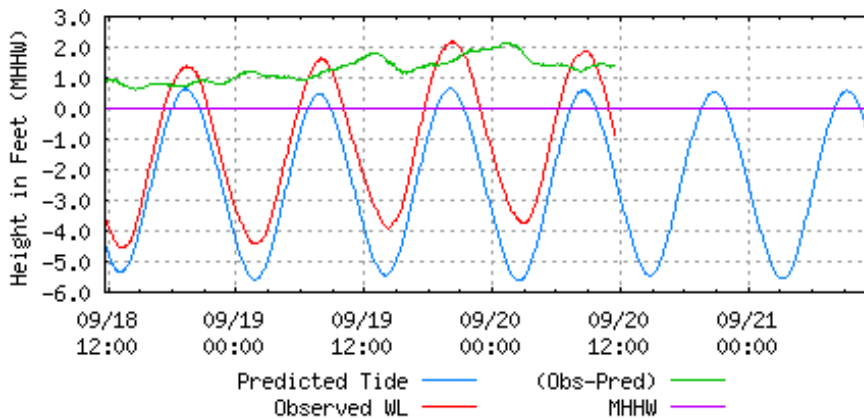


Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1011.4 mb

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

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



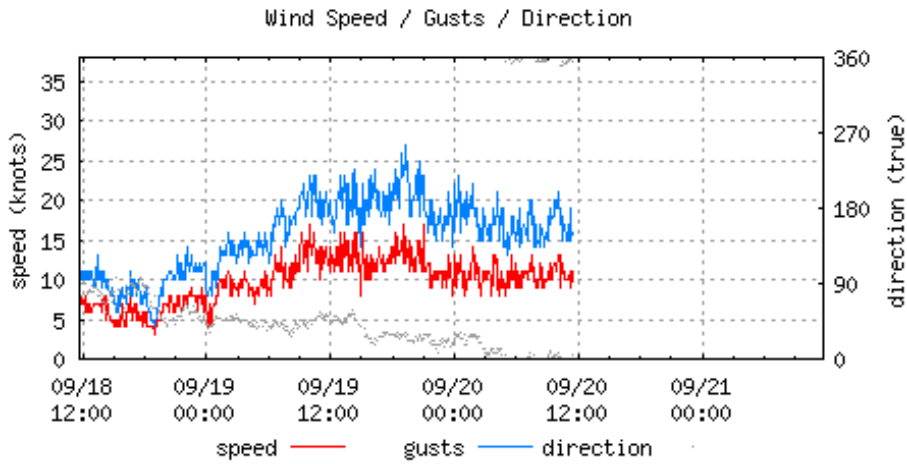
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW

Observed: -0.95 ft. Predicted: -2.38 ft. Residual: 1.43 ft.

Historical Maximum Water Level: Sep 12 1960, 4.86 ft.

Next High Tide: 09/20/2017 20:47 (EDT), 0.53 ft.

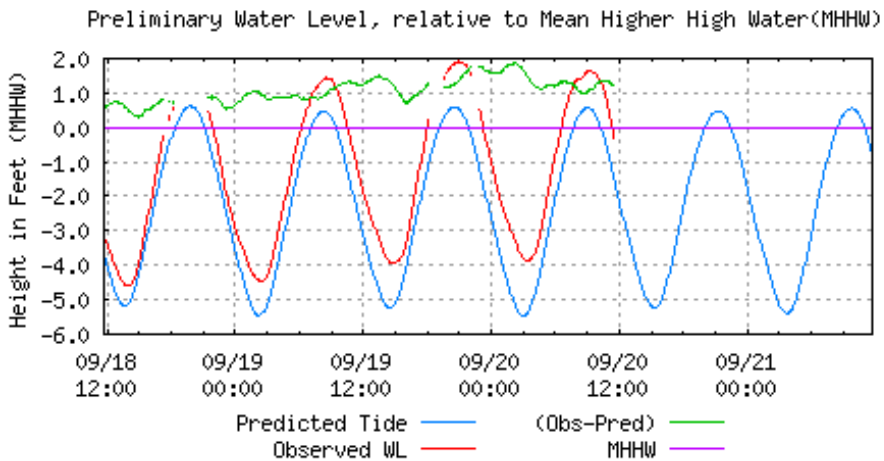
NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



Last Observed Sample: 09/20/2017 11:36 (EDT)

Wind Speed: 10 knots Gusts: 16 knots Direction: 355° T

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



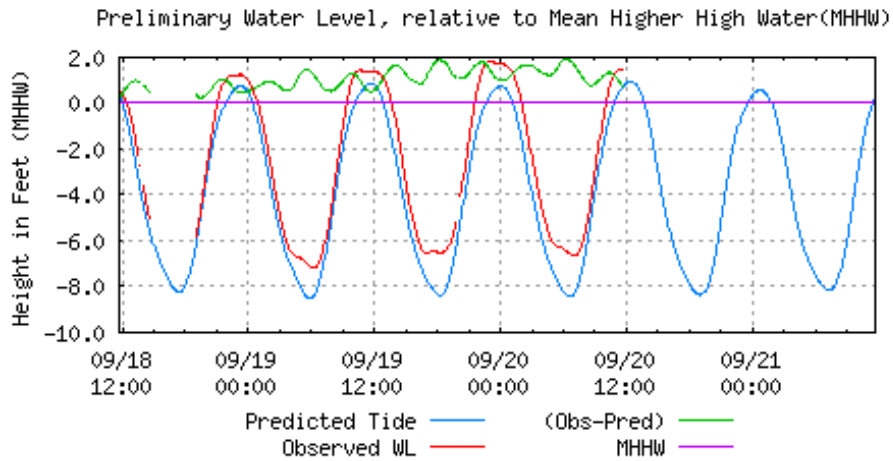
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW

Observed: -0.42 ft. Predicted: -1.64 ft. Residual: 1.22 ft.

Historical Maximum Water Level: Oct 30 2012, 8.99 ft.

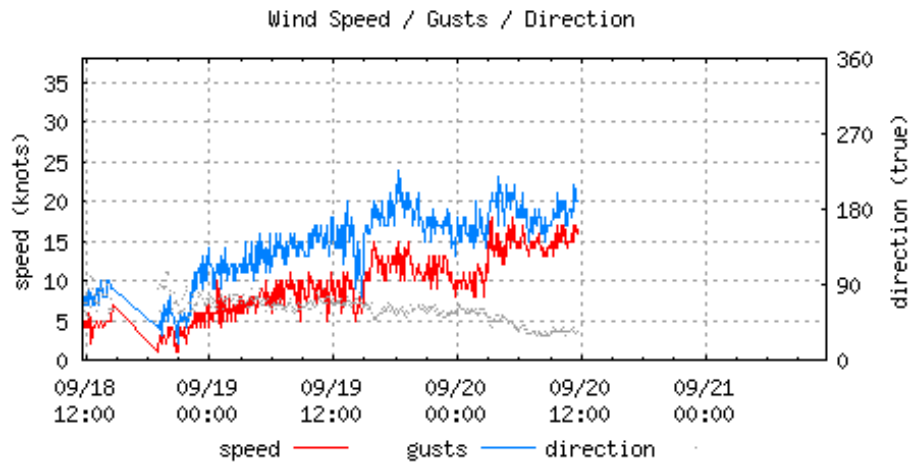
Next High Tide: 09/20/2017 21:17 (EDT), 0.49 ft.

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



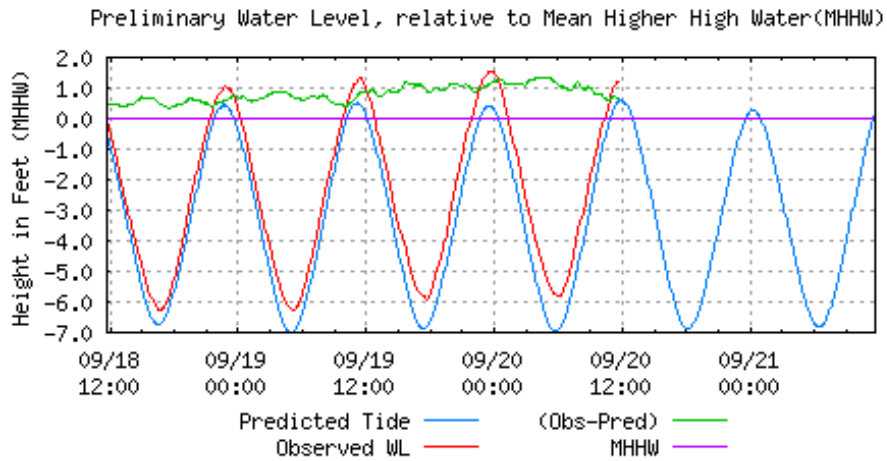
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 1.44 ft. Predicted: 0.68 ft. Residual: 0.76 ft.
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.
 Next High Tide: 09/20/2017 12:23 (EDT), 0.94 ft.

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



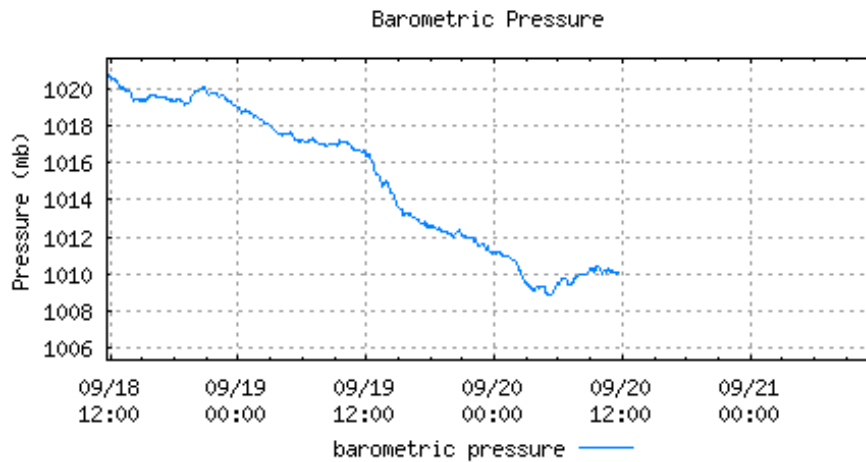
Last Observed Sample: 09/20/2017 11:36 (EDT)
Wind Speed: 16 knots Gusts: 20 knots Direction: 35° T

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



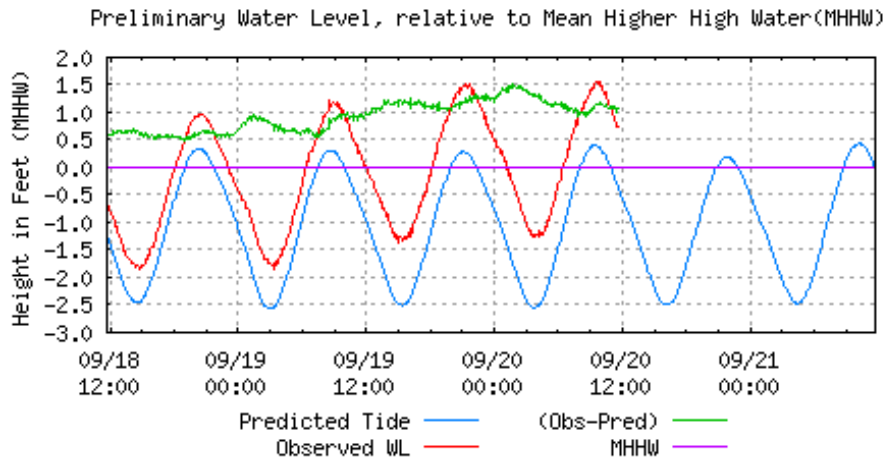
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 1.21 ft. Predicted: 0.54 ft. Residual: 0.67 ft.
 Historical Maximum Water Level: Oct 30 2012, 5.52 ft.
 Next High Tide: 09/20/2017 11:53 (EDT), 0.59 ft.

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



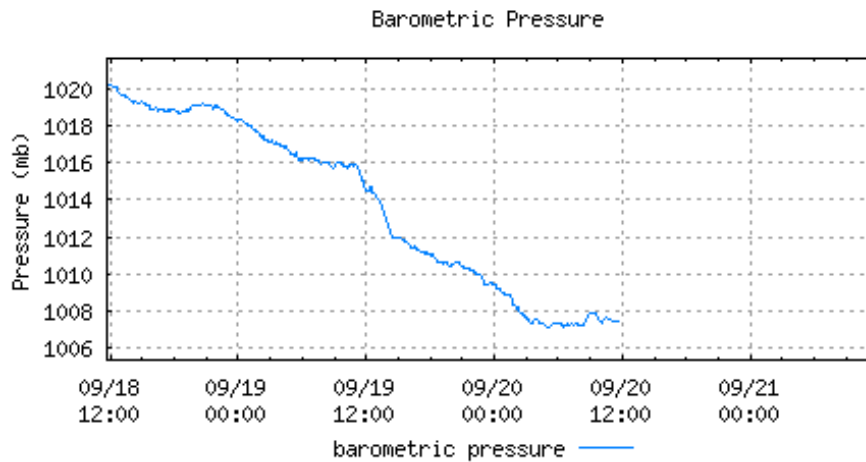
Last Observed Sample: 09/20/2017 11:36 (EDT)
Barometric Pressure: 1010.1 mb

NOAA/NOS/CO-OPS 8510560 Montauk, NY



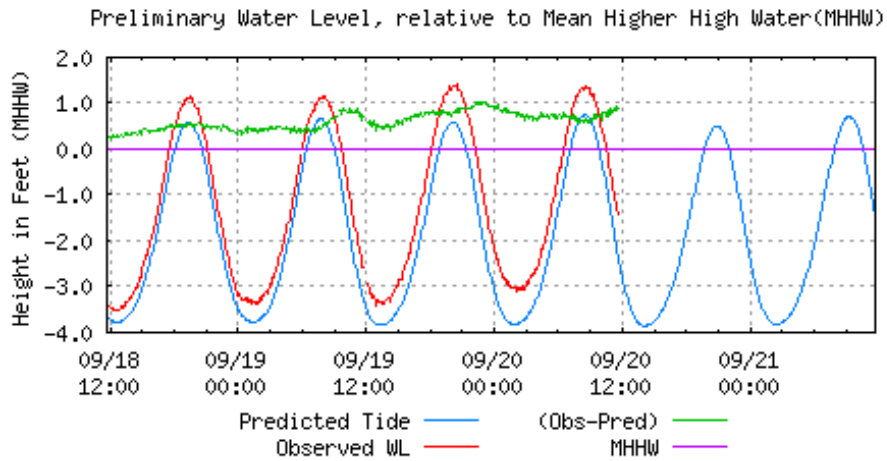
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: 0.72 ft. Predicted: -0.36 ft. Residual: 1.08 ft.
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
 Next High Tide: 09/20/2017 21:49 (EDT), 0.19 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY



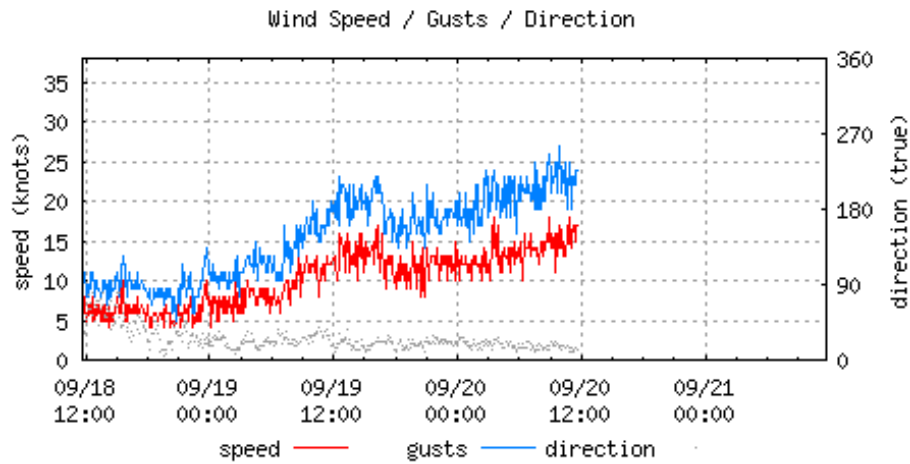
Last Observed Sample: 09/20/2017 11:36 (EDT)
Barometric Pressure: 1007.4 mb

NOAA/NOS/CO-OPS 8452660 Newport, RI



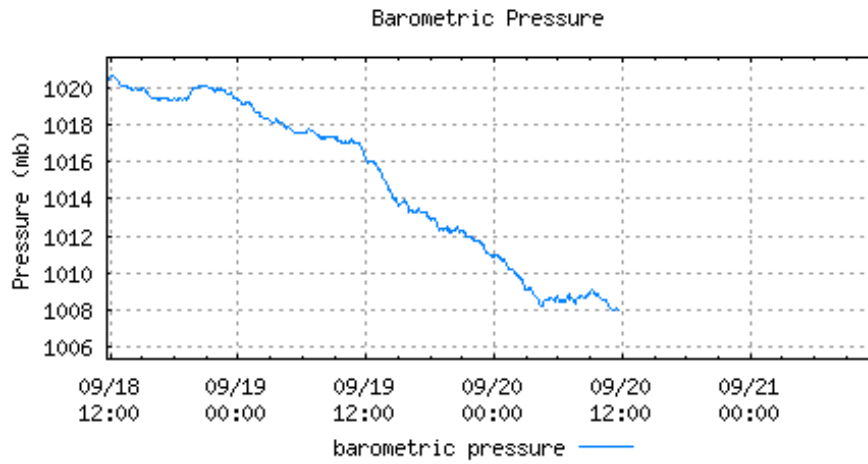
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW
Observed: -1.44 ft. Predicted: -2.34 ft. Residual: 0.90 ft.
 Historical Maximum Water Level: Sep 21 1938, 9.46 ft.
 Next High Tide: 09/20/2017 20:52 (EDT), 0.50 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 11:36 (EDT)
Wind Speed: 17 knots Gusts: 24 knots Direction: 11° T

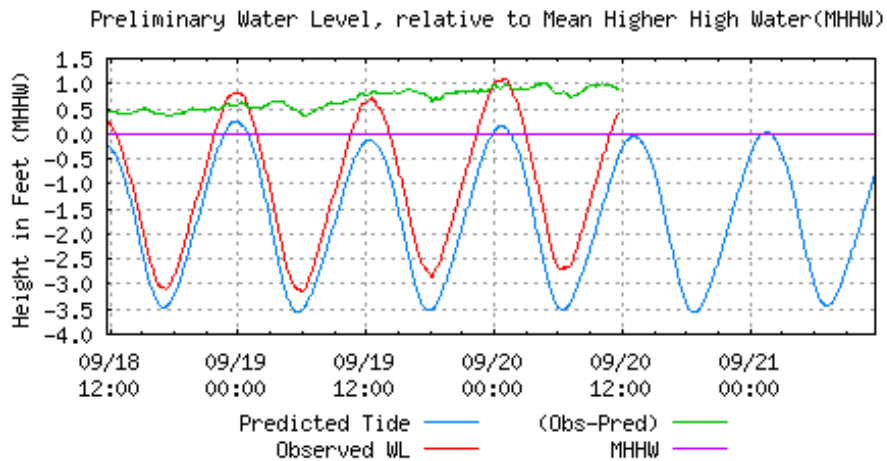
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1008.0 mb

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



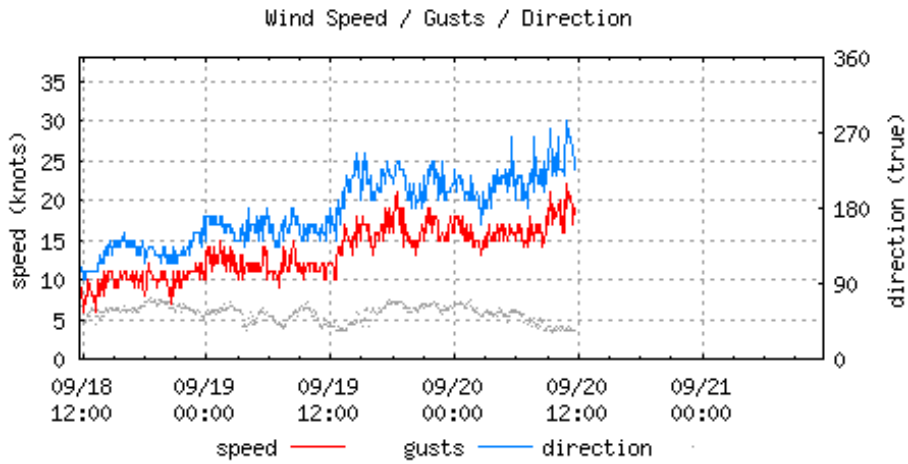
Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW

Observed: 0.41 ft. Predicted: -0.48 ft. Residual: 0.89 ft.

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

Next High Tide: 09/20/2017 13:05 (EDT), -0.05 ft.

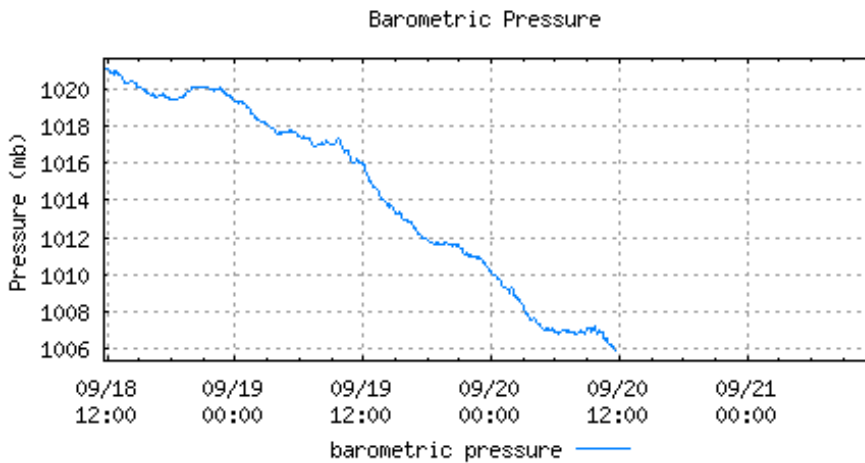
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/20/2017 11:36 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 34° T

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

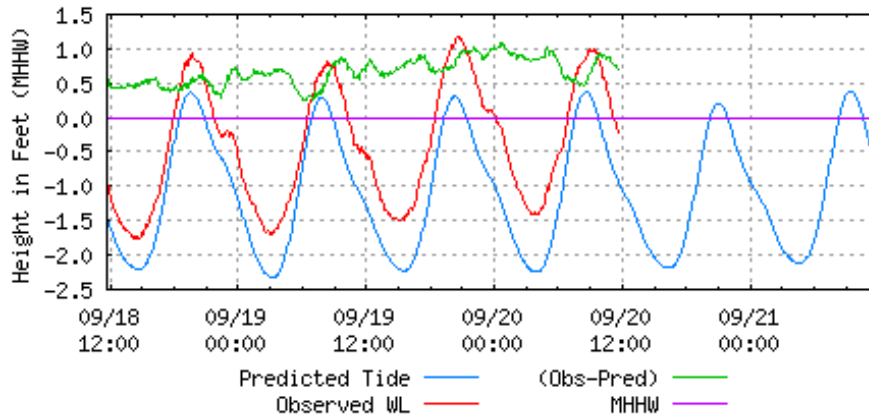


Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1005.8 mb

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

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



Last Observed Sample: 09/20/2017 11:36 (EDT). Data relative to MHHW

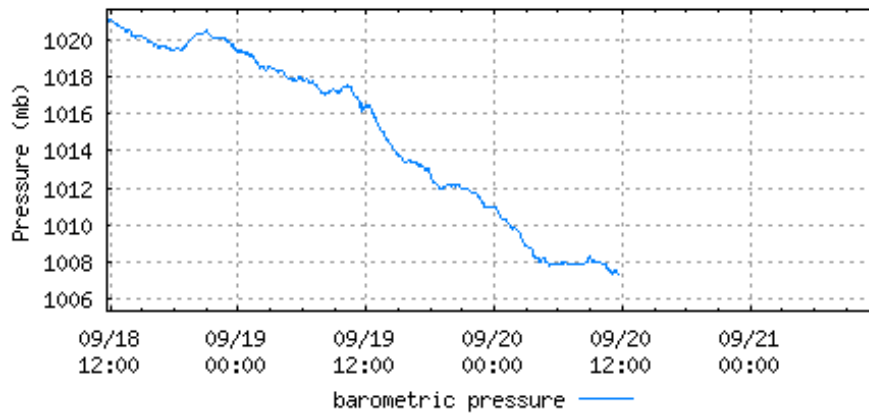
Observed: -0.21 ft. Predicted: -0.91 ft. Residual: 0.70 ft.

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

Next High Tide: 09/20/2017 21:03 (EDT), 0.20 ft.

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

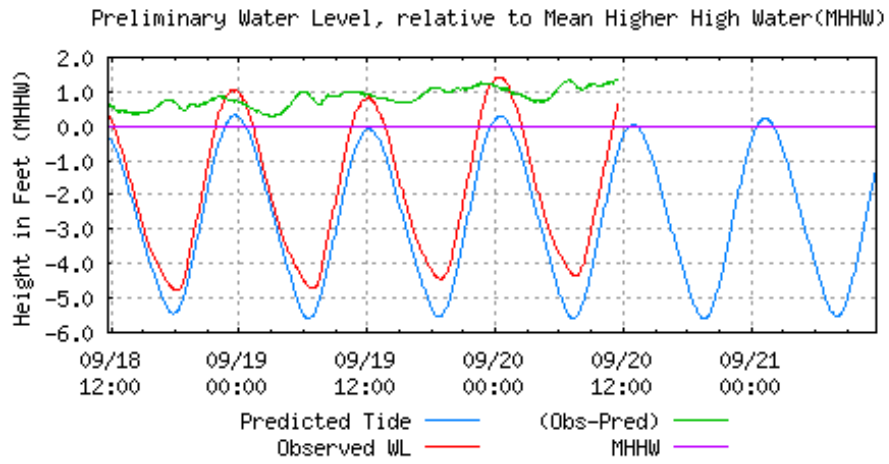
Barometric Pressure



Last Observed Sample: 09/20/2017 11:36 (EDT)

Barometric Pressure: 1007.3 mb

NOAA/NOS/CO-OPS 8447435 Chatham, MA



Last Observed Sample: 09/20/2017 11:30 (EDT). Data relative to MHHW

Observed: 0.62 ft. Predicted: -0.74 ft. Residual: 1.36 ft.

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

Next High Tide: 09/20/2017 12:55 (EDT), 0.05 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
8631044	Wachapreague, VA	09/20/2017 11:36 (EDT)	0.62 ft	-0.97 ft	1.59 ft	2.71 ft
8570283	Ocean City Inlet, MD	09/20/2017 11:42 (EDT)	0.87 ft	-0.81 ft	1.68 ft	2.01 ft
8557380	Lewes, DE	09/20/2017 11:36 (EDT)	0.55 ft	-1.17 ft	1.72 ft	2.59 ft
8536110	Cape May, NJ	09/20/2017 11:36 (EDT)	0.08 ft	-1.53 ft	1.61 ft	2.37 ft
8534720	Atlantic City, NJ	09/20/2017 11:36 (EDT)	-0.91 ft	-2.63 ft	1.72 ft	2.43 ft
8531680	Sandy Hook, NJ	09/20/2017 11:36 (EDT)	-0.95 ft	-2.38 ft	1.43 ft	2.17 ft
8518750	The Battery, NY	09/20/2017 11:36 (EDT)	-0.42 ft	-1.64 ft	1.22 ft	1.91 ft
8516945	Kings Point, NY	09/20/2017 11:36 (EDT)	1.44 ft	0.68 ft	0.76 ft	1.80 ft
8465705	New Haven, CT	09/20/2017 11:36 (EDT)	1.21 ft	0.54 ft	0.67 ft	1.54 ft
8510560	Montauk, NY	09/20/2017 11:36 (EDT)	0.72 ft	-0.36 ft	1.08 ft	1.56 ft
8452660	Newport, RI	09/20/2017 11:36 (EDT)	-1.44 ft	-2.34 ft	0.90 ft	1.43 ft
8449130	Nantucket Island, MA	09/20/2017 11:36 (EDT)	0.41 ft	-0.48 ft	0.89 ft	1.11 ft
8447930	Woods Hole, MA	09/20/2017 11:36 (EDT)	-0.21 ft	-0.91 ft	0.70 ft	1.19 ft
8447435	Chatham, MA	09/20/2017 11:30 (EDT)	0.62 ft	-0.74 ft	1.36 ft	1.43 ft

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