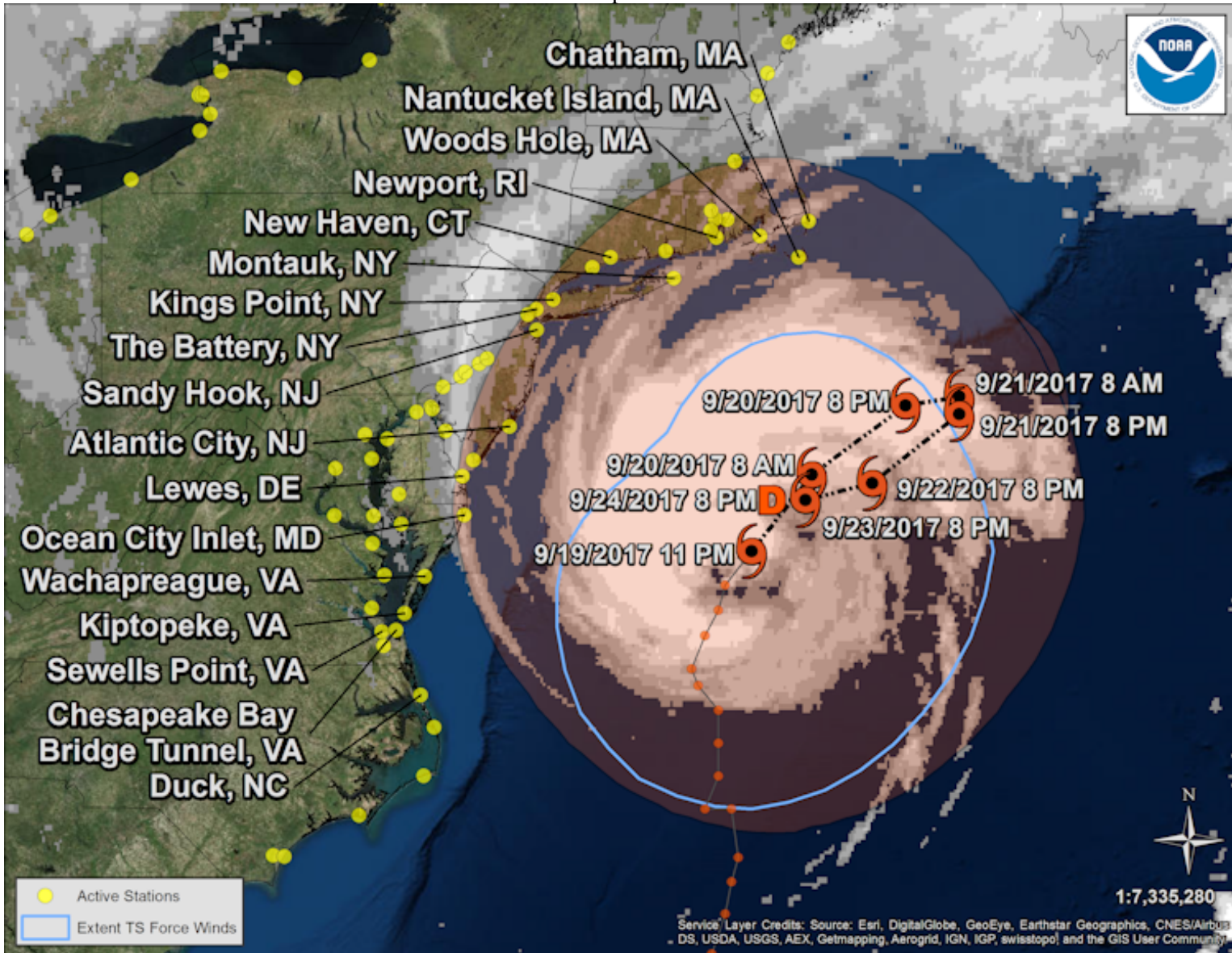




Tropical Storm JOSE QuickLook
Posted: 00:00 EDT 09/20/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/20/2017 00:00 EDT, water levels along the Atlantic coast from Duck, NC to Long Island, NY remain elevated by 1.0 to 2.3 feet above normal tide levels. Water levels within Long Island Sound and across southern New England are also slightly elevated by 0.9 to 1.3 feet above tidal predictions.

Winds are slowly decreasing from the mid-Atlantic to southern New England and generally range between 5 and 20 knots with slightly higher gusts. The strongest winds are being observed along the Atlantic coast from Ocean City, MD to Lewes, DE where gusts of 20 to 30 knots have been observed. Barometric pressure continues to slowly fall along the Atlantic Coast from New Jersey to Massachusetts, and appears to have leveled off from Delaware to North Carolina.

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: CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Storm Jose Advisory Number 59
NWS National Hurricane Center Miami FL AL122017
1100 PM EDT Tue Sep 19 2017

...JOSE WEAKENS TO A TROPICAL STORM...
...DANGEROUS SURF AND RIP CURRENTS ALONG THE U.S. EAST COAST WILL CONTINUE FOR SEVERAL MORE DAYS...

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

LOCATION...37.9N 70.8W
ABOUT 230 MI...375 KM S OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...70 MPH...110 KM/H
PRESENT MOVEMENT...NE OR 40 DEGREES AT 9 MPH...15 KM/H
MINIMUM CENTRAL PRESSURE...973 MB...28.74 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 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 12 to 24 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within the next 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 PM EDT (0300 UTC), the center of Tropical Storm Jose was located near latitude 37.9 North, longitude 70.8 West. Jose is moving toward the northeast near 9 mph (15 km/h), and this general motion is expected to continue for the next day or two with a decrease in forward speed. On the forecast track, the center of Jose is expected to pass well to the east of the New Jersey coast on Wednesday, and pass offshore of southeastern Massachusetts by Thursday.

Maximum sustained winds have decreased to near 70 mph (110 km/h) with higher gusts. Some gradual weakening is forecast during the next 48 hours.

Tropical-storm-force winds extend outward up to 220 miles (350 km) from the center.

The estimated minimum central pressure is 973 mb (28.74 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 early tomorrow.

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 the following additional rainfall accumulations through Thursday:

Over eastern Rhode Island and southeast Massachusetts...1 to 3 inches.

Nantucket and Cape Cod...2 to 4 inches.

Martha's Vineyard...3 to 5 inches.

These rainfall totals could cause isolated flash flooding.

NEXT ADVISORY

Next intermediate advisory at 200 AM EDT.

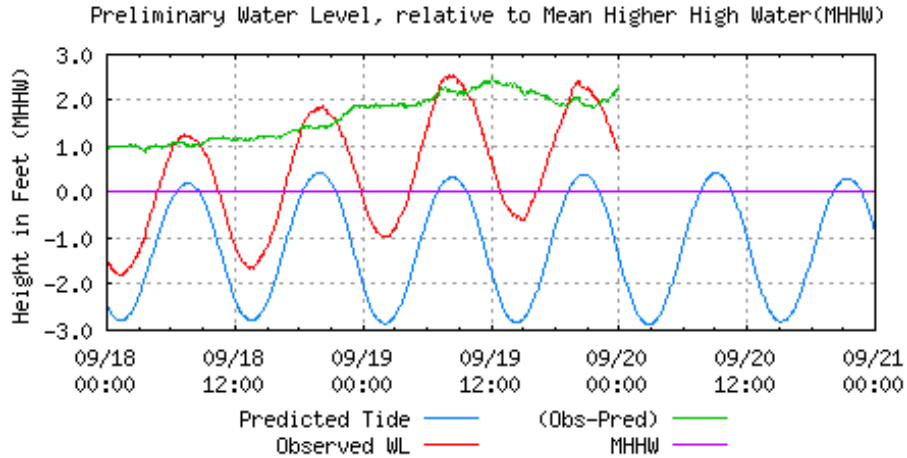
Next complete advisory at 500 AM EDT.

Forecaster Avila

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.

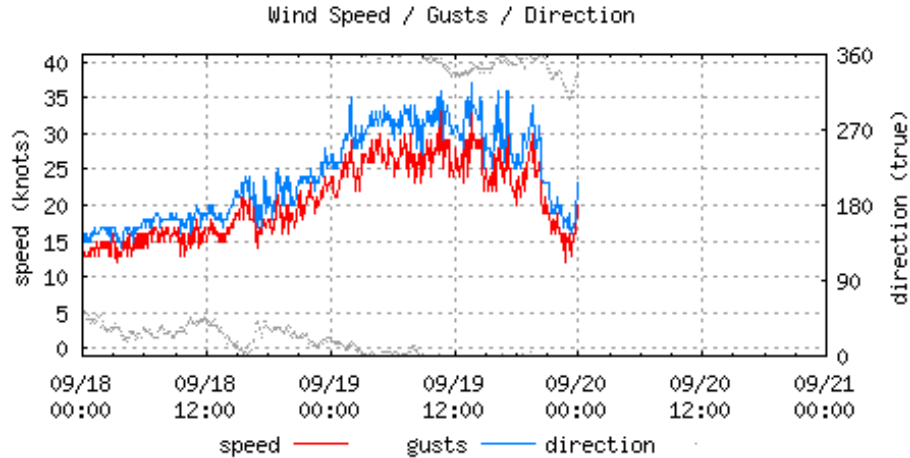
Jump to: [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Sewells Point - Water Level](#), [Kiptopeke - Water Level](#), [Kiptopeke - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague - 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](#), [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](#), [Duck - Water Level](#), [Duck - Winds](#)

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



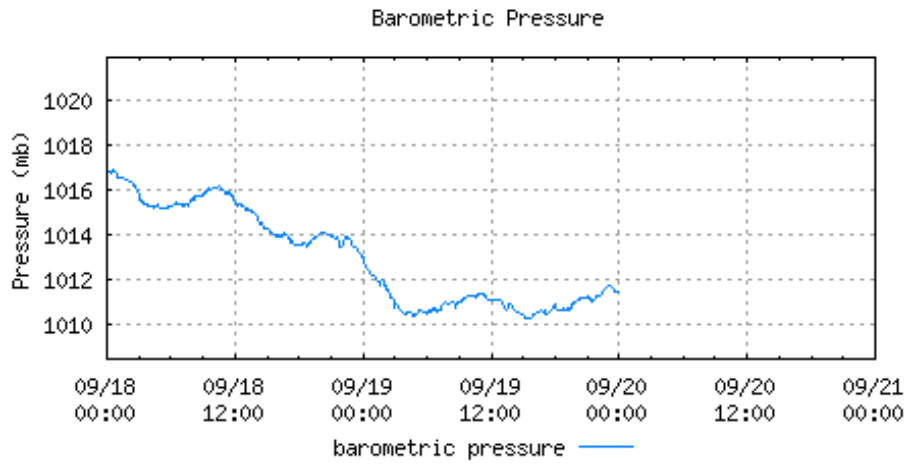
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW
Observed: 0.84 ft. Predicted: -1.43 ft. Residual: 2.27 ft.
 Historical Maximum Water Level: Nov 12 2009, 4.66 ft.
 Next High Tide: 09/20/2017 09:05 (EDT), 0.41 ft.

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



Last Observed Sample: 09/20/2017 00:00 (EDT)
Wind Speed: 18 knots Gusts: 25 knots Direction: 343° T

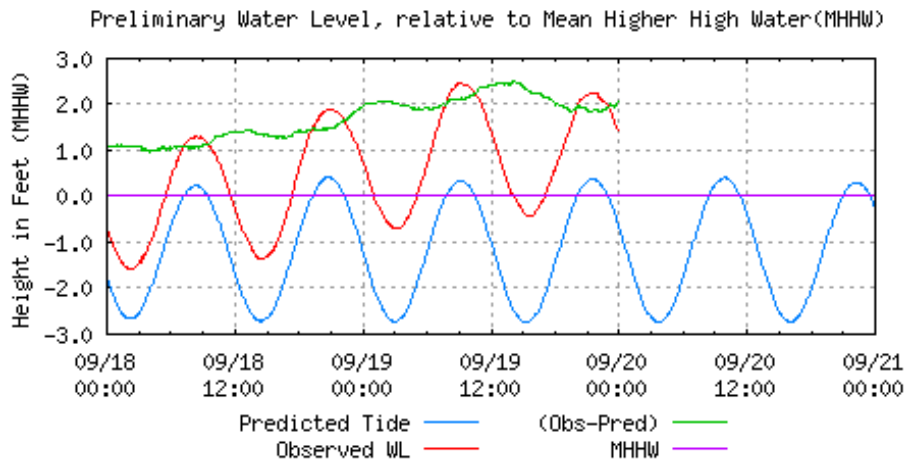
NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



Last Observed Sample: 09/20/2017 00:00 (EDT)

Barometric Pressure: 1011.5 mb

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



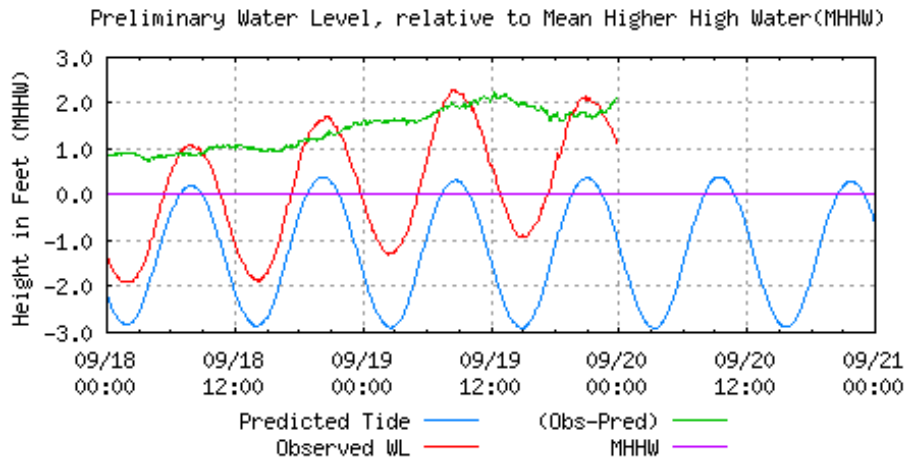
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW

Observed: 1.41 ft. Predicted: -0.68 ft. Residual: 2.09 ft.

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

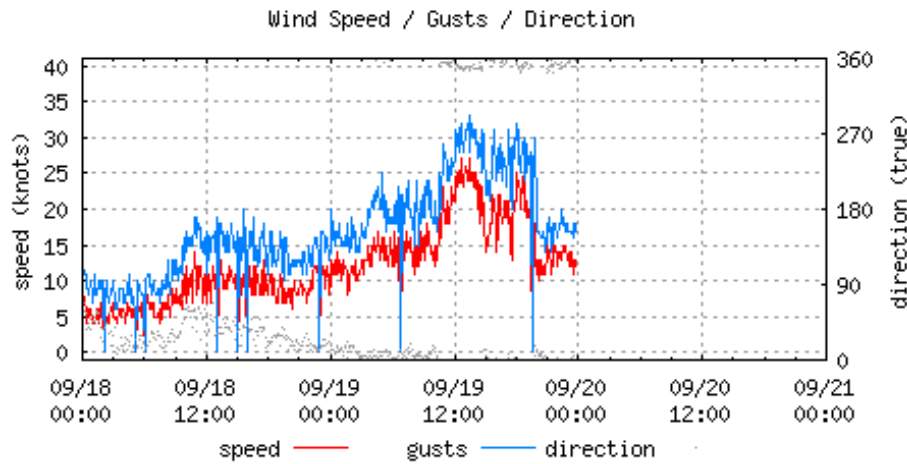
Next High Tide: 09/20/2017 09:53 (EDT), 0.40 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA



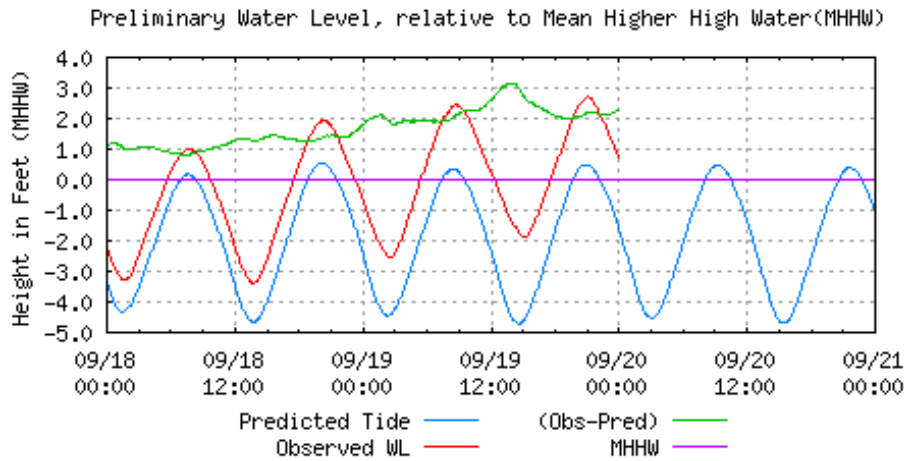
Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW
Observed: 1.10 ft. Predicted: -1.04 ft. Residual: 2.14 ft.
 Historical Maximum Water Level: Mar 8 1962, 4.13 ft.
 Next High Tide: 09/20/2017 09:25 (EDT), 0.39 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA



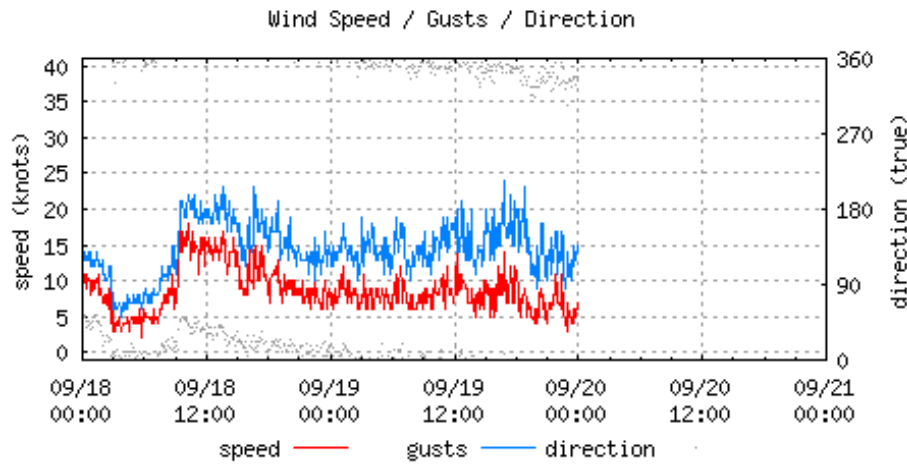
Last Observed Sample: 09/19/2017 23:54 (EDT)
Wind Speed: 13 knots Gusts: 17 knots Direction: 358° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



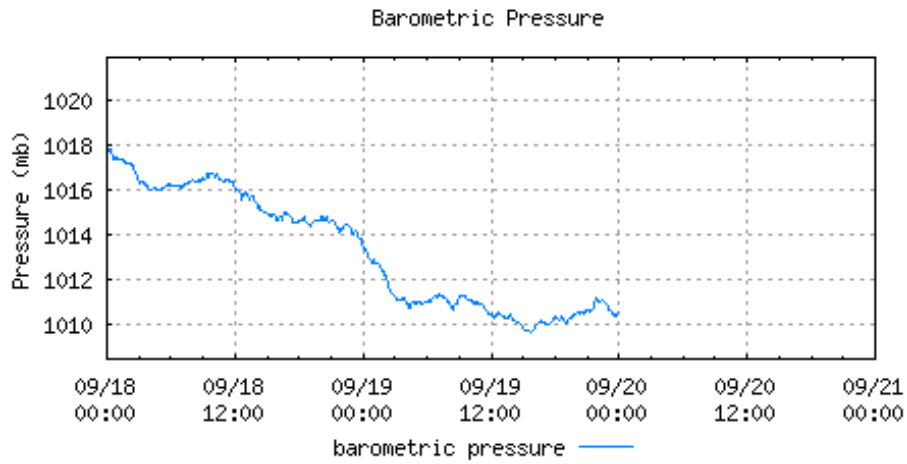
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW
Observed: 0.66 ft. Predicted: -1.64 ft. Residual: 2.30 ft.
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
 Next High Tide: 09/20/2017 09:14 (EDT), 0.47 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/20/2017 00:00 (EDT)
Wind Speed: 6 knots Gusts: 11 knots Direction: 334° T

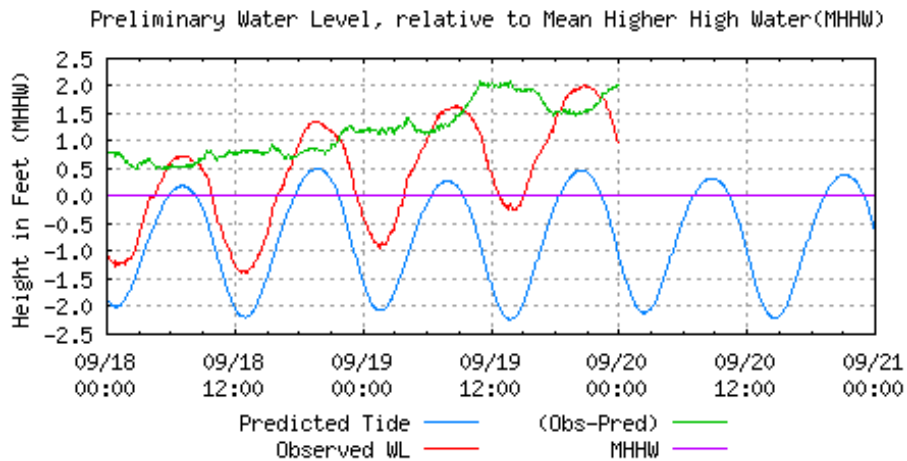
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/20/2017 00:00 (EDT)

Barometric Pressure: 1010.5 mb

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



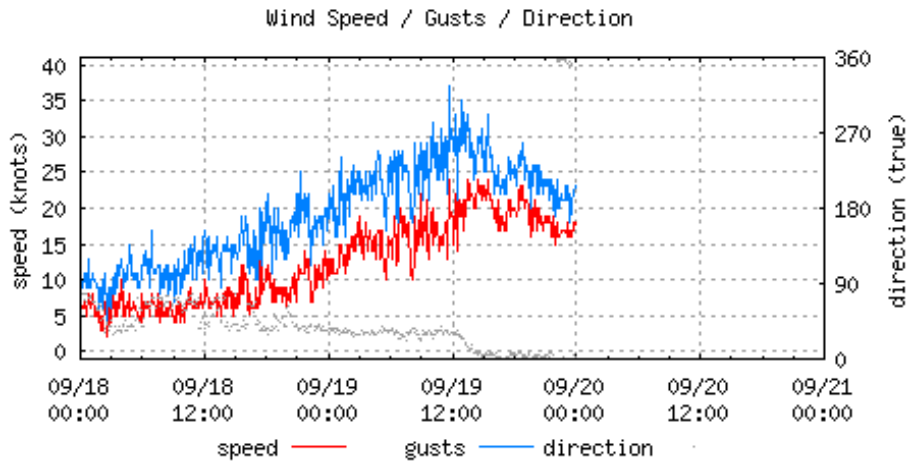
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW

Observed: 0.92 ft. Predicted: -1.11 ft. Residual: 2.03 ft.

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

Next High Tide: 09/20/2017 08:41 (EDT), 0.33 ft.

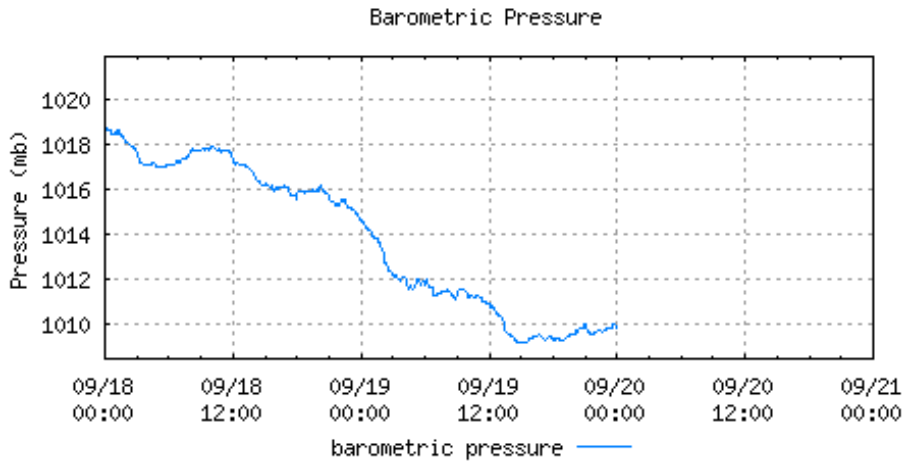
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/20/2017 00:00 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 4° T

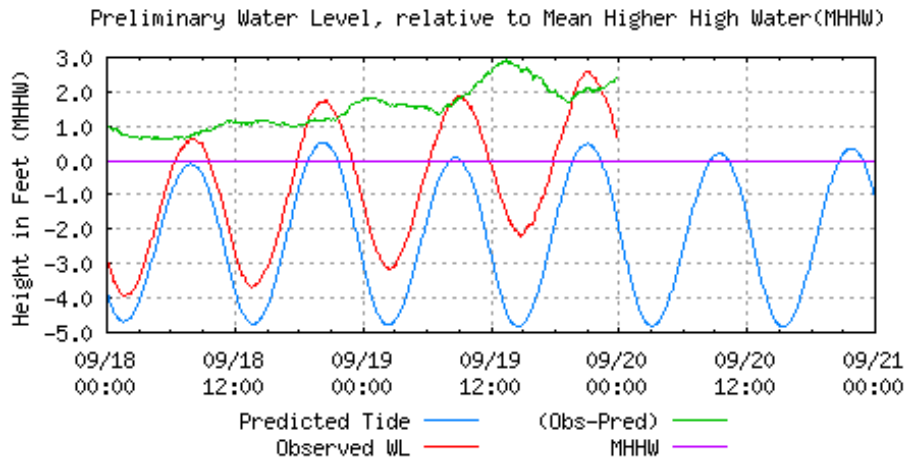
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/20/2017 00:00 (EDT)

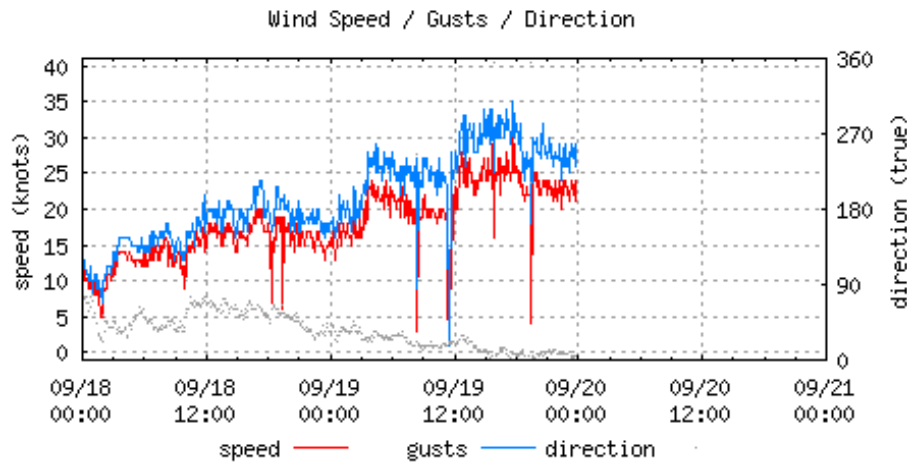
Barometric Pressure: 1009.8 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE



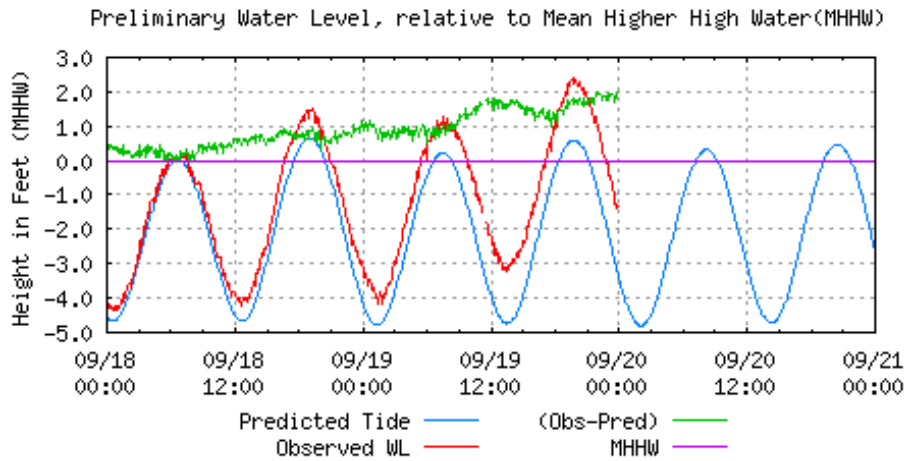
Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW
Observed: 0.63 ft. Predicted: -1.84 ft. Residual: 2.47 ft.
 Historical Maximum Water Level: Jan 23 2016, 4.60 ft.
 Next High Tide: 09/20/2017 09:24 (EDT), 0.20 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE



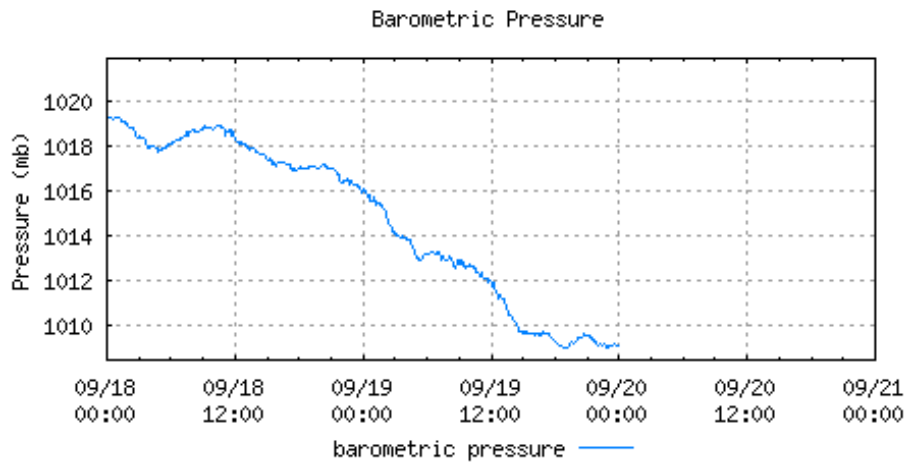
Last Observed Sample: 09/19/2017 23:54 (EDT)
Wind Speed: 21 knots Gusts: 26 knots Direction: 4° T

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



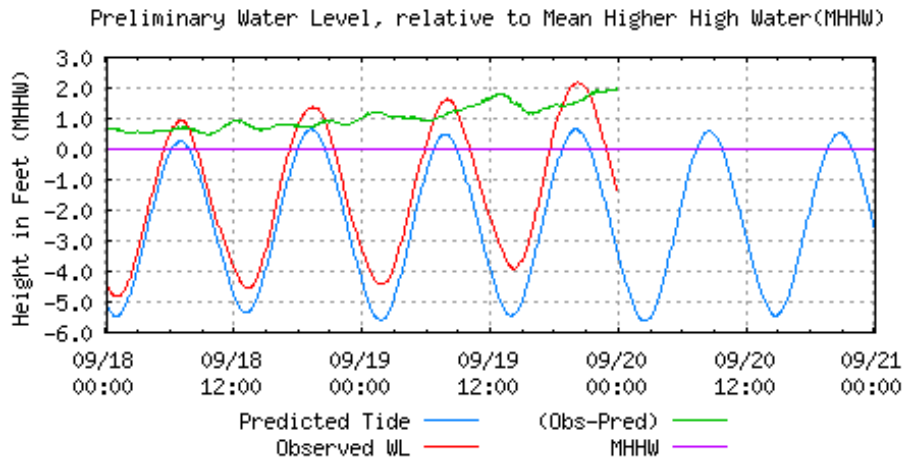
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW
Observed: -1.56 ft. Predicted: -3.45 ft. Residual: 1.89 ft.
 Historical Maximum Water Level: Dec 11 1992, 4.38 ft.
 Next High Tide: 09/20/2017 08:12 (EDT), 0.32 ft.

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



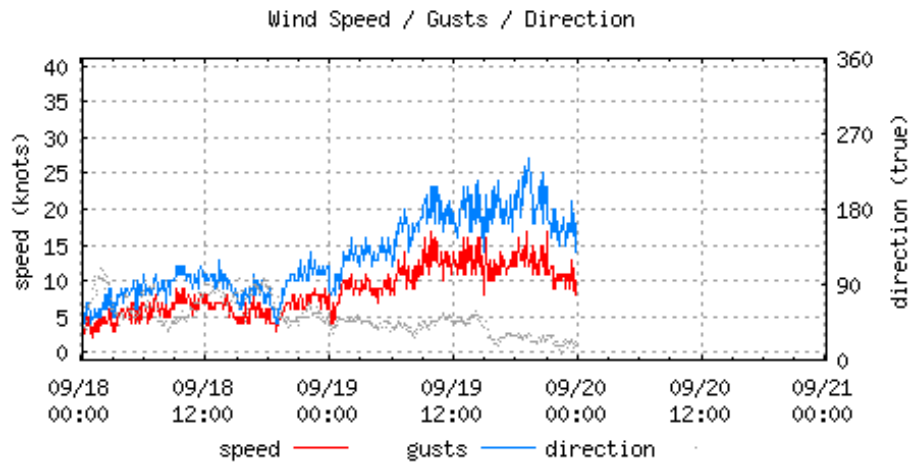
Last Observed Sample: 09/20/2017 00:00 (EDT)
Barometric Pressure: 1009.1 mb

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



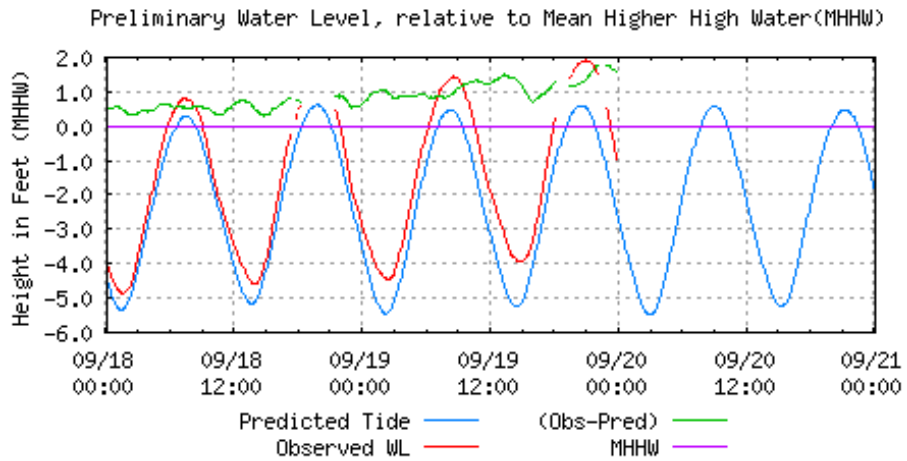
Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW
Observed: -1.34 ft. Predicted: -3.31 ft. Residual: 1.97 ft.
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
 Next High Tide: 09/20/2017 08:32 (EDT), 0.59 ft.

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



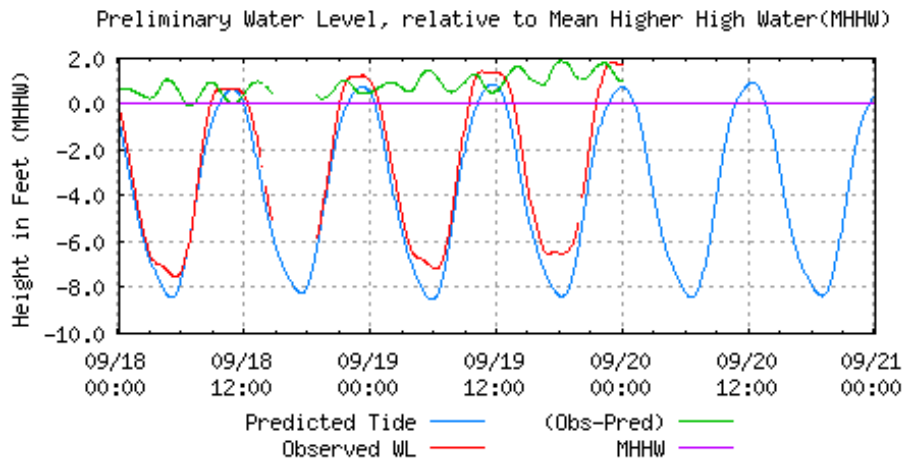
Last Observed Sample: 09/19/2017 23:54 (EDT)
Wind Speed: 10 knots Gusts: 18 knots Direction: 22° T

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



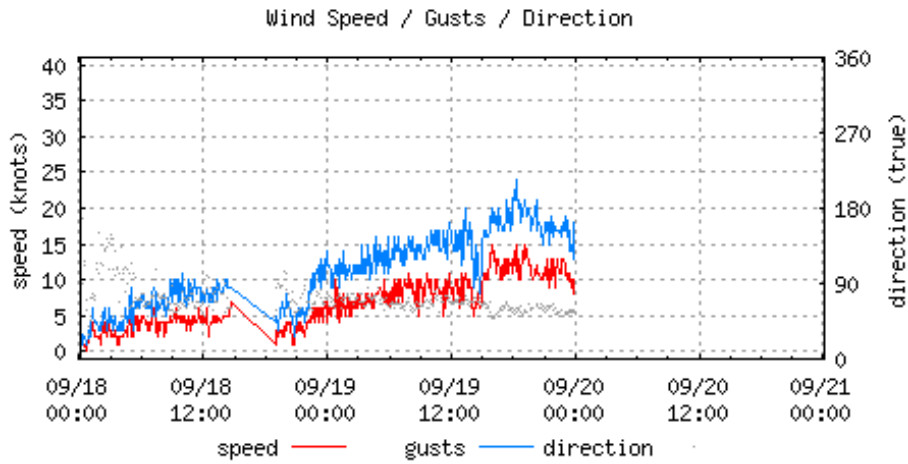
Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW
Observed: -0.96 ft. Predicted: -2.55 ft. Residual: 1.59 ft.
 Historical Maximum Water Level: Oct 30 2012, 8.99 ft.
 Next High Tide: 09/20/2017 09:02 (EDT), 0.58 ft.

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



Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW
Observed: 1.73 ft. Predicted: 0.74 ft. Residual: 0.99 ft.
 Historical Maximum Water Level: Oct 30 2012, 6.44 ft.
 Next High Tide: 09/20/2017 00:02 (EDT), 0.74 ft.

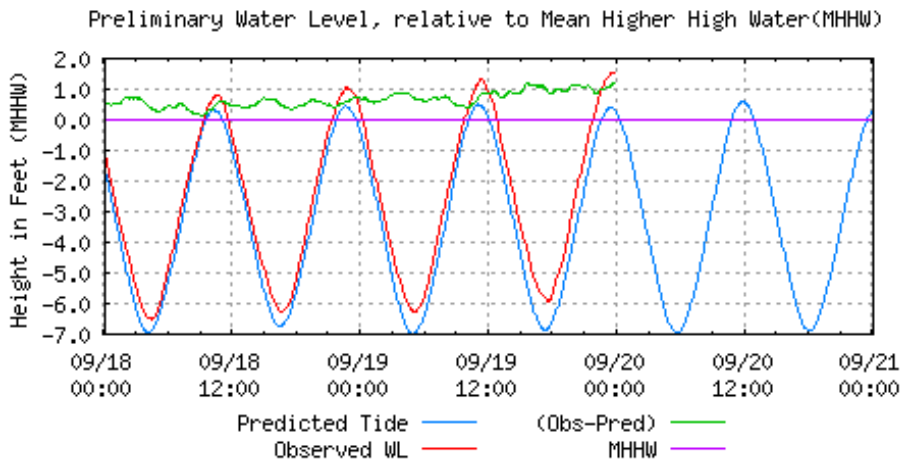
NOAA/NOS/CO-OPS 8516945 Kings Point, NY



Last Observed Sample: 09/20/2017 00:00 (EDT)

Wind Speed: 10 knots Gusts: 18 knots Direction: 59° T

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



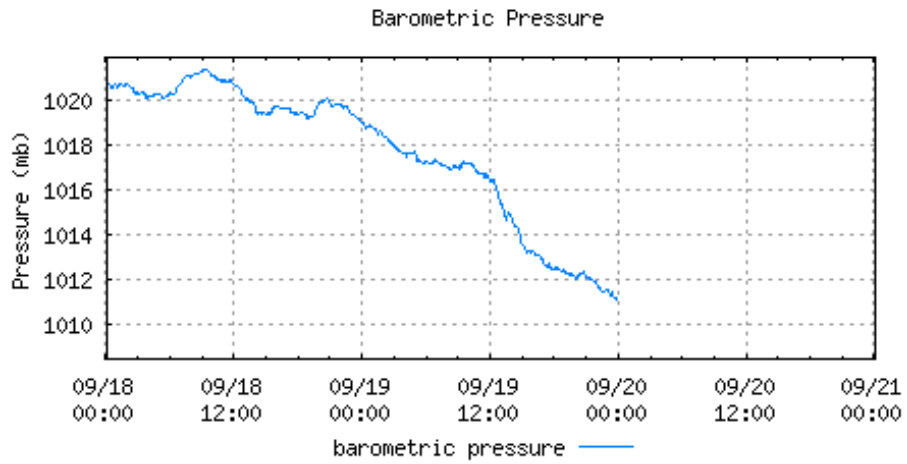
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW

Observed: 1.47 ft. Predicted: 0.25 ft. Residual: 1.22 ft.

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

Next High Tide: 09/20/2017 11:53 (EDT), 0.59 ft.

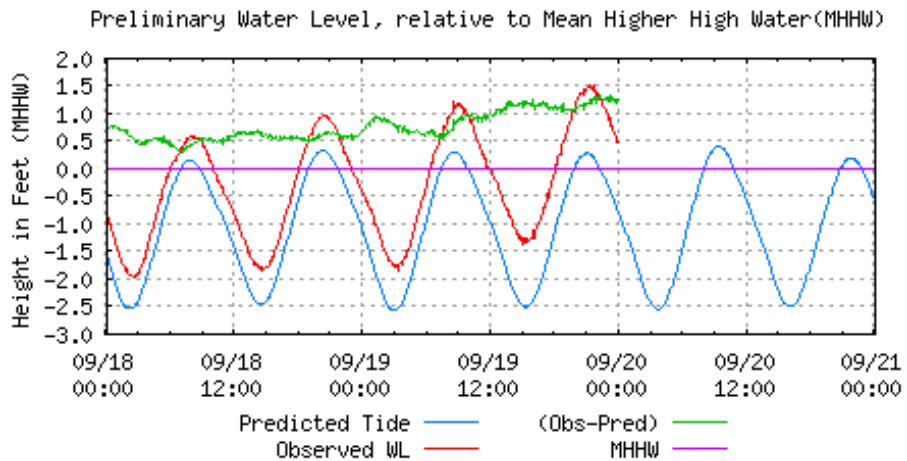
NOAA/NOS/CO-OPS 8465705 New Haven, CT



Last Observed Sample: 09/20/2017 00:00 (EDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8510560 Montauk, NY



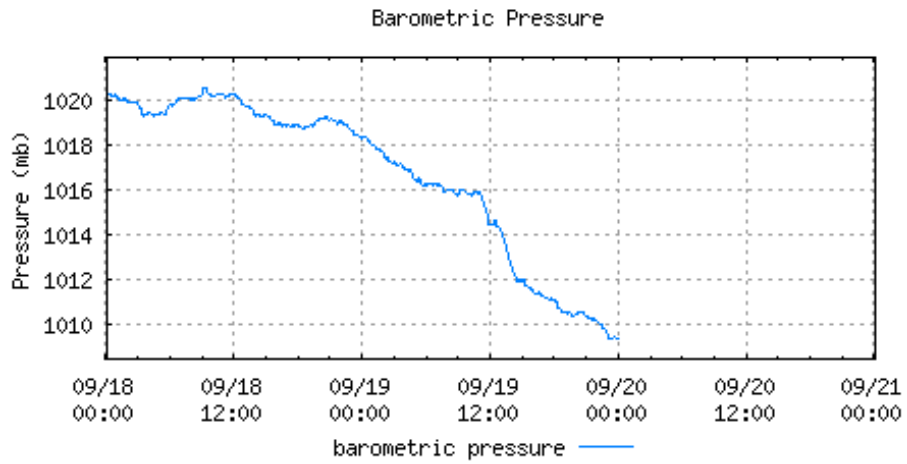
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW

Observed: 0.47 ft. Predicted: -0.78 ft. Residual: 1.25 ft.

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

Next High Tide: 09/20/2017 09:25 (EDT), 0.40 ft.

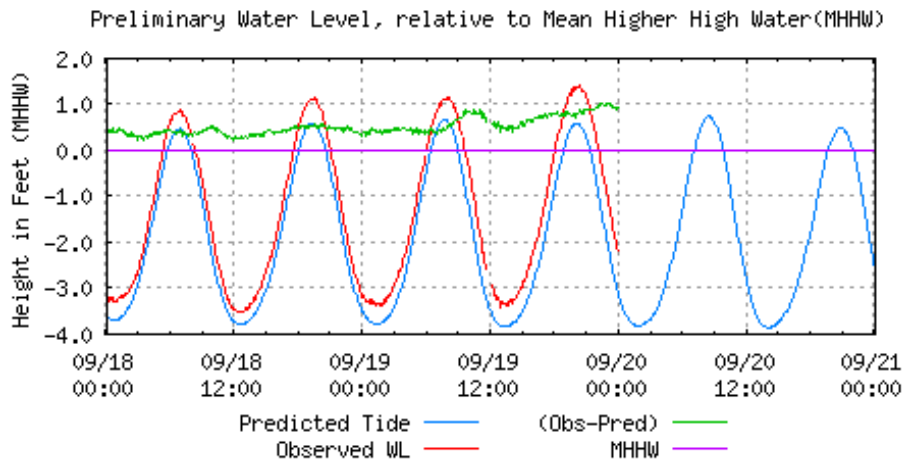
NOAA/NOS/CO-OPS 8510560 Montauk, NY



Last Observed Sample: 09/20/2017 00:00 (EDT)

Barometric Pressure: 1009.4 mb

NOAA/NOS/CO-OPS 8452660 Newport, RI



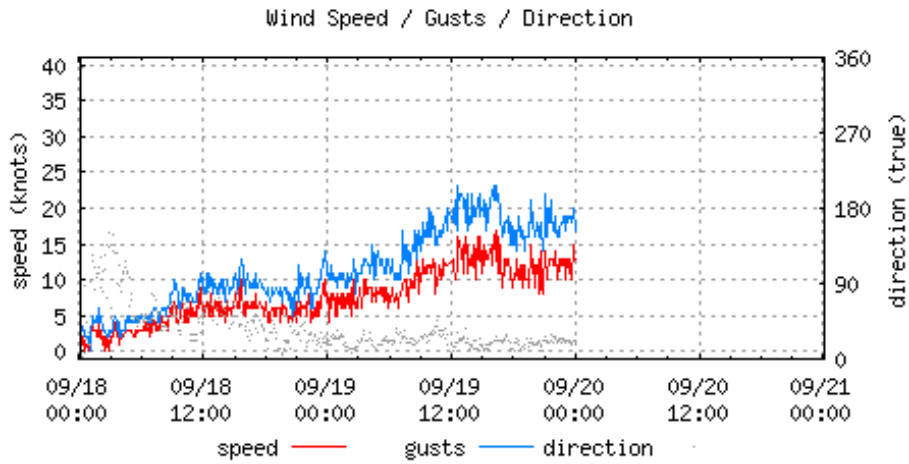
Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW

Observed: -2.18 ft. Predicted: -3.12 ft. Residual: 0.94 ft.

Historical Maximum Water Level: Sep 21 1938, 9.46 ft.

Next High Tide: 09/20/2017 08:30 (EDT), 0.74 ft.

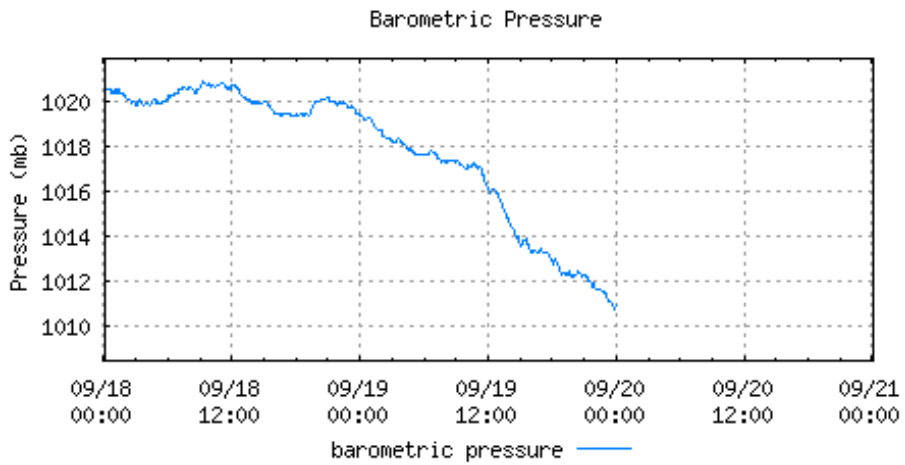
NOAA/NOS/CO-OPS 8452660 Newport, RI



Last Observed Sample: 09/20/2017 00:00 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 22° T

NOAA/NOS/CO-OPS 8452660 Newport, RI

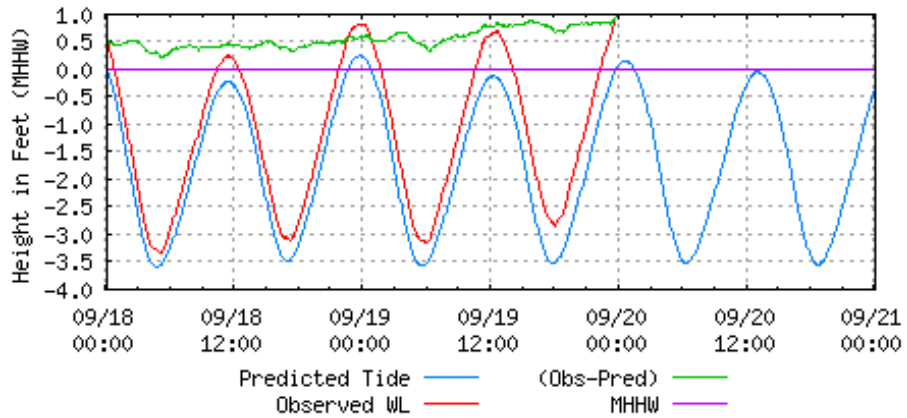


Last Observed Sample: 09/20/2017 00:00 (EDT)

Barometric Pressure: 1010.9 mb

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

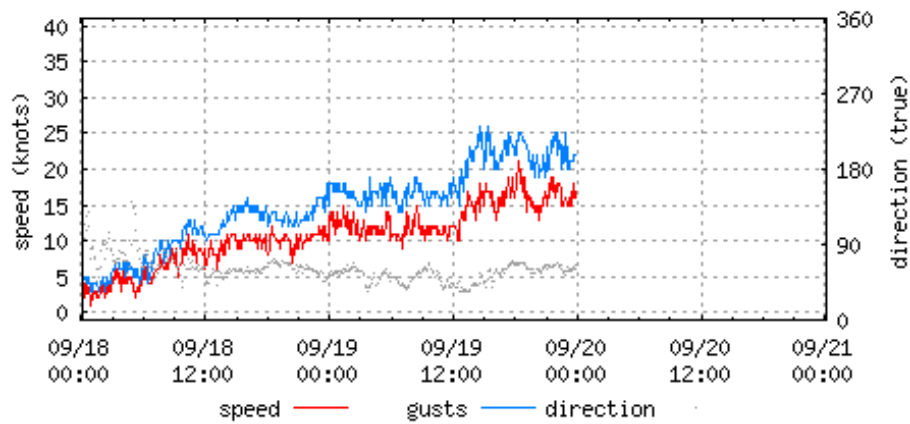
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW
Observed: 0.99 ft. Predicted: 0.03 ft. Residual: 0.96 ft.
 Historical Maximum Water Level: Oct 30 1991, 4.29 ft.
 Next High Tide: 09/20/2017 00:40 (EDT), 0.15 ft.

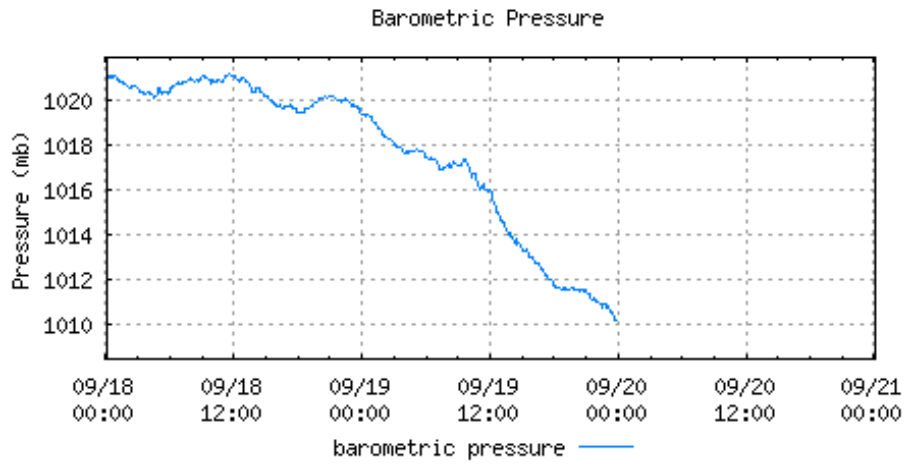
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA

Wind Speed / Gusts / Direction



Last Observed Sample: 09/19/2017 23:54 (EDT)
Wind Speed: 16 knots Gusts: 22 knots Direction: 66° T

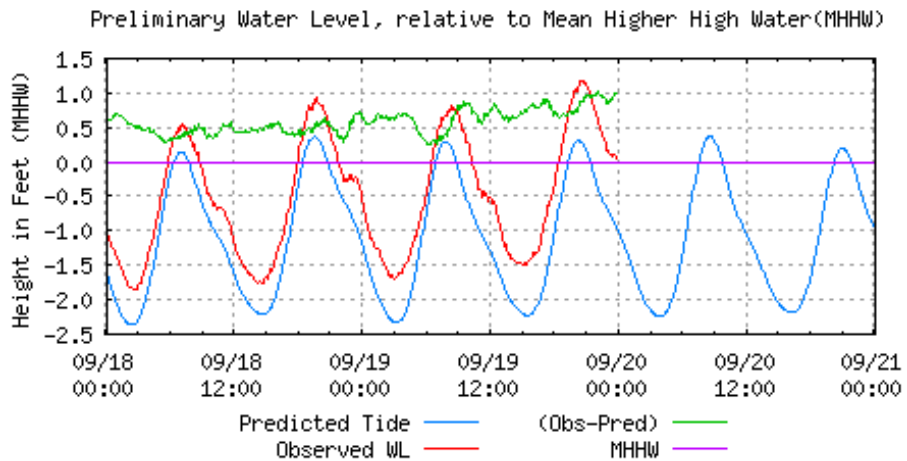
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/19/2017 23:54 (EDT)

Barometric Pressure: 1010.2 mb

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



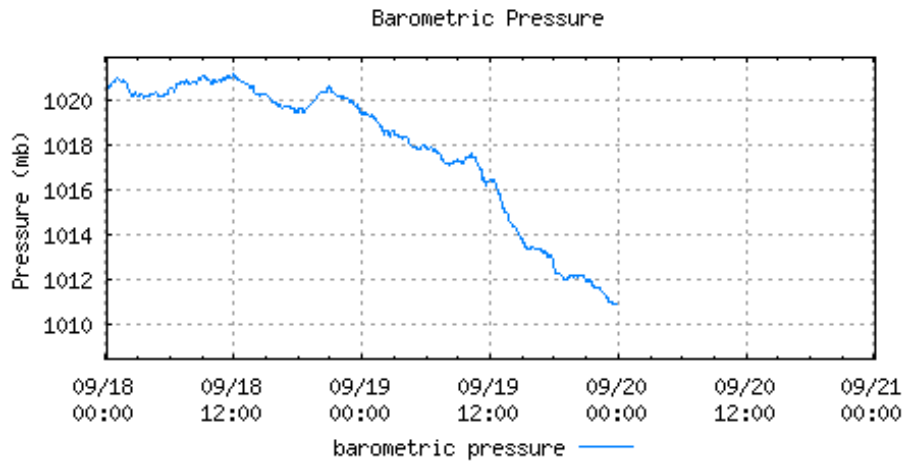
Last Observed Sample: 09/19/2017 23:54 (EDT). Data relative to MHHW

Observed: 0.06 ft. Predicted: -0.95 ft. Residual: 1.01 ft.

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

Next High Tide: 09/20/2017 08:37 (EDT), 0.38 ft.

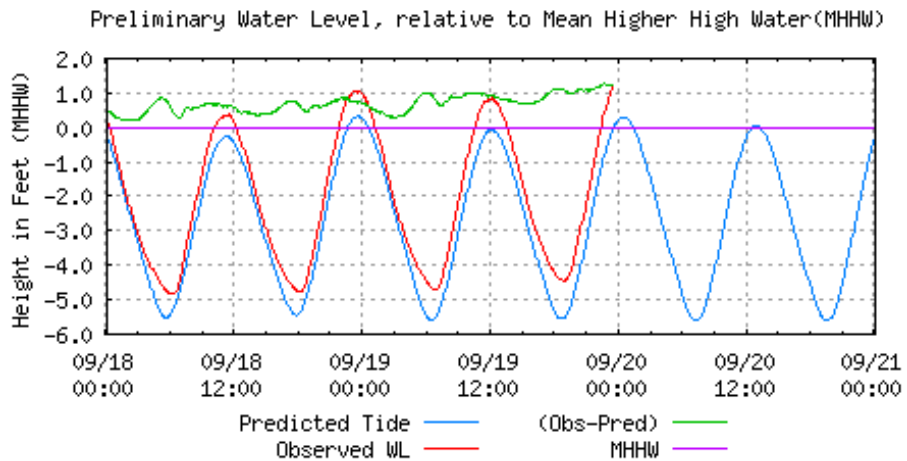
NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



Last Observed Sample: 09/19/2017 23:54 (EDT)

Barometric Pressure: 1010.9 mb

NOAA/NOS/CO-OPS 8447435 Chatham, MA



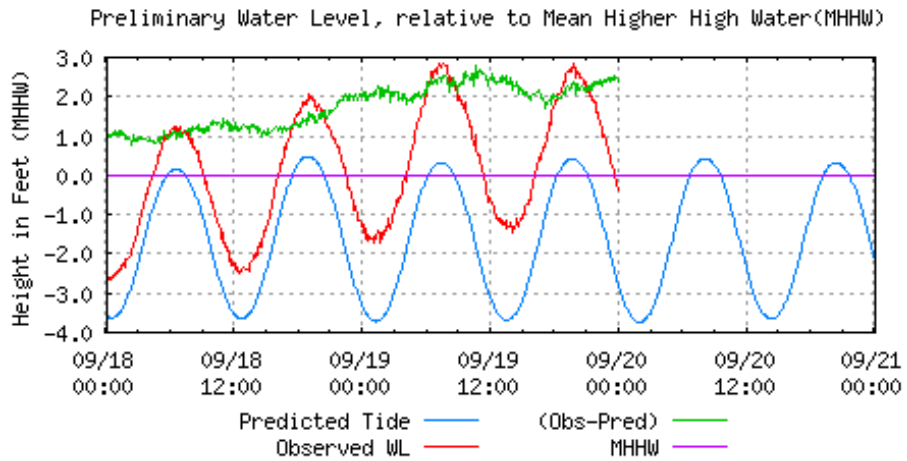
Last Observed Sample: 09/19/2017 23:30 (EDT). Data relative to MHHW

Observed: 1.16 ft. Predicted: -0.06 ft. Residual: 1.22 ft.

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

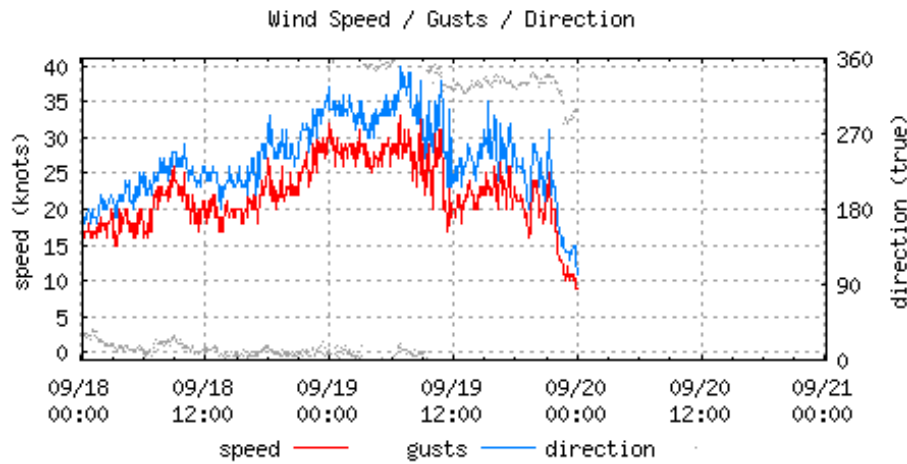
Next High Tide: 09/20/2017 00:28 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/20/2017 00:00 (EDT). Data relative to MHHW
Observed: -0.38 ft. Predicted: -2.78 ft. Residual: 2.40 ft.
 Historical Maximum Water Level: Sep 18 2003, 4.13 ft.
 Next High Tide: 09/20/2017 08:08 (EDT), 0.44 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/20/2017 00:00 (EDT)
Wind Speed: 9 knots Gusts: 11 knots Direction: 299° 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	09/20/2017 00:00 (EDT)	0.84 ft	-1.43 ft	2.27 ft	2.55 ft
8638610	Sewells Point, VA	09/20/2017 00:00 (EDT)	1.41 ft	-0.68 ft	2.09 ft	2.47 ft
8632200	Kiptopeke, VA	09/19/2017 23:54 (EDT)	1.10 ft	-1.04 ft	2.14 ft	2.30 ft
8631044	Wachapreague, VA	09/20/2017 00:00 (EDT)	0.66 ft	-1.64 ft	2.30 ft	2.71 ft
8570283	Ocean City Inlet, MD	09/20/2017 00:00 (EDT)	0.92 ft	-1.11 ft	2.03 ft	2.01 ft
8557380	Lewes, DE	09/19/2017 23:54 (EDT)	0.63 ft	-1.84 ft	2.47 ft	2.59 ft
8534720	Atlantic City, NJ	09/20/2017 00:00 (EDT)	-1.56 ft	-3.45 ft	1.89 ft	2.43 ft
8531680	Sandy Hook, NJ	09/19/2017 23:54 (EDT)	-1.34 ft	-3.31 ft	1.97 ft	2.17 ft
8518750	The Battery, NY	09/19/2017 23:54 (EDT)	-0.96 ft	-2.55 ft	1.59 ft	1.91 ft
8516945	Kings Point, NY	09/20/2017 00:00 (EDT)	1.73 ft	0.74 ft	0.99 ft	1.80 ft
8465705	New Haven, CT	09/20/2017 00:00 (EDT)	1.47 ft	0.25 ft	1.22 ft	1.54 ft
8510560	Montauk, NY	09/20/2017 00:00 (EDT)	0.47 ft	-0.78 ft	1.25 ft	1.52 ft
8452660	Newport, RI	09/20/2017 00:00 (EDT)	-2.18 ft	-3.12 ft	0.94 ft	1.43 ft
8449130	Nantucket Island, MA	09/19/2017 23:54 (EDT)	0.99 ft	0.03 ft	0.96 ft	0.99 ft
8447930	Woods Hole, MA	09/19/2017 23:54 (EDT)	0.06 ft	-0.95 ft	1.01 ft	1.19 ft
8447435	Chatham, MA	09/19/2017 23:30 (EDT)	1.16 ft	-0.06 ft	1.22 ft	1.16 ft
8651370	Duck, NC	09/20/2017 00:00 (EDT)	-0.38 ft	-2.78 ft	2.40 ft	2.83 ft

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