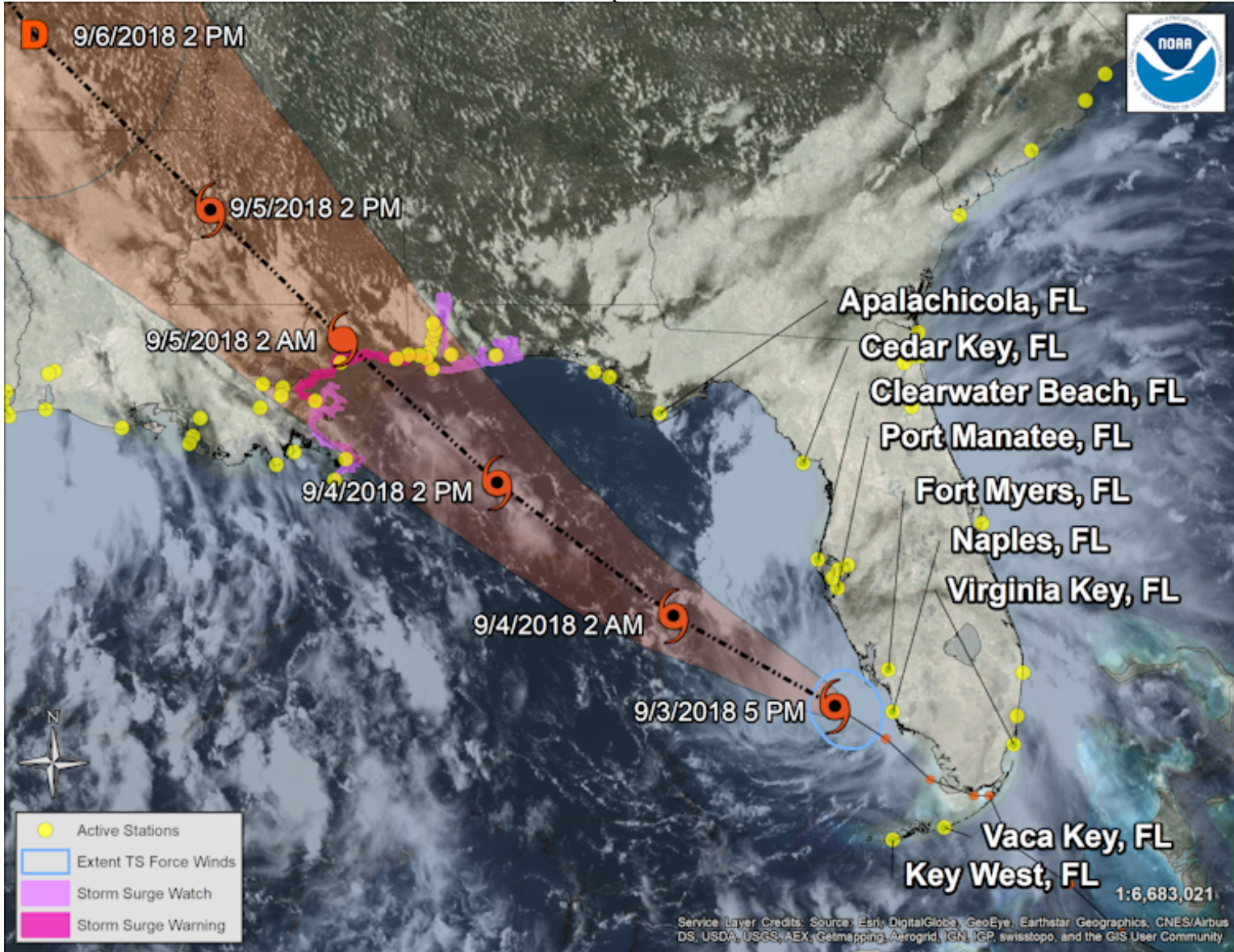




Tropical Storm Gordon QuickLook  
 Posted: 18:00 EDT 09/03/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/03/2018 18:00 EDT, water levels across the Florida are either at normal tide levels or slightly elevated up to .6 feet above normal tide levels. Winds remain breezy in southern Florida and the Florida Keys with speeds 10 to 15 knots and gusts to 30 knots. Barometric pressure is slightly dropping 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 visit 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 visit the Storm QuickLook Homepage.

Analyst: ADM

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Select National Hurricane Center Advisory Information:

BULLETIN

Tropical Storm Gordon Advisory Number 6

NWS National Hurricane Center Miami FL

500 PM EDT Mon Sep 03 2018

...HURRICANE WARNING ISSUED FOR PORTIONS OF THE CENTRAL GULF COAST AND STORM SURGE WARNING EXTENDED EASTWARD...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

The Storm Surge Warning has been extended eastward to Dauphin Island, Alabama.

A Hurricane Warning has been issued from the Mouth of the Pearl River to the Alabama-Florida Border. This warning replaces the Hurricane Watch and Tropical Storm Warning for this area.

The Tropical Storm Warning for the Upper Florida Keys and from Golden Beach to Chokoloskee, including Florida Bay, has been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

- \* Shell Beach to Dauphin Island

A Storm Surge Watch is in effect for...

- \* West of Shell Beach to the Mouth of the Mississippi River
- \* East of Dauphin Island to Navarre

A Hurricane Warning is in effect for...

- \* Mouth of the Pearl River to the Alabama-Florida Border

A Tropical Storm Warning is in effect for...

- \* Chokoloskee to Bonita Beach
- \* West of the Mouth of the Pearl River to east of Morgan City, Louisiana, including Lake Pontchartrain and Lake Maurepas

\* Alabama-Florida Border to Okaloosa-Walton County Line

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

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

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 OUTLOOK

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At 500 PM EDT, the center of Tropical Storm Gordon was located by NOAA Doppler weather radars ABOUT 50 MI WSW OF FT. MYERS FLORIDA and ABOUT 445 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER. Gordon is moving toward the west-northwest near 17 mph and a west-northwestward to northwestward motion is expected over the next 72 hours. On the forecast track, the center of Gordon will move farther away from the southwestern coast of Florida early this evening, and move across the eastern Gulf of Mexico tonight and Tuesday. The center of Gordon will approach the central Gulf Coast within the warning area late Tuesday or Tuesday night, and move inland over the lower Mississippi Valley on Wednesday.

Maximum sustained winds are near 50 mph with higher gusts. Gradual strengthening is forecast during the next 36 hours, and Gordon is expected to be a hurricane when it makes landfall along the central Gulf Coast.

Tropical-storm-force winds extend outward up to 45 miles from the center.

The estimated minimum central pressure is 1006 mb based on earlier reports from an Air Force Reserve reconnaissance aircraft.

## HAZARDS AFFECTING LAND

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**STORM SURGE:** The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Shell Beach to Dauphin Island, Alabama...3 to 5 ft.

Navarre Florida to Dauphin Island, including Mobile Bay...2 to 4 ft.

Shell Beach to the Mouth of Mississippi River...2 to 4 ft.

Mouth of the Mississippi River to the Louisiana-Texas border...1 to 2 ft.

The deepest water will occur along the immediate coast near and to the east of the landfall location, where the surge

will be accompanied by large waves. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Gordon is expected to produce total rain accumulations of 2 to 4 inches over the northwestern Bahamas, Florida Keys, and South Florida through early Tuesday. Isolated maximum amounts of 8 inches are possible over the southern Florida peninsula.

Gordon is expected to produce total rain accumulations of 4 to 6 inches over southern Alabama, southern and central Mississippi, and southeastern and northeastern Louisiana, with isolated maximum amounts of 8 inches through late Thursday.

These rainfall amounts may cause flash flooding.

WIND: Tropical storm conditions will continue for the next few hours in the warning area across southwestern Florida. Tropical storm conditions are expected within portions of the central Gulf Coast warning area by late Tuesday, with hurricane conditions expected late Tuesday or Tuesday night in the hurricane warning area.

TORNADOES: A couple of tornadoes are possible through tonight across the southern and west-central Florida Peninsula.

#### NEXT ADVISORY

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Next intermediate advisory at 800 PM EDT.

Next complete advisory at 1100 PM EDT.

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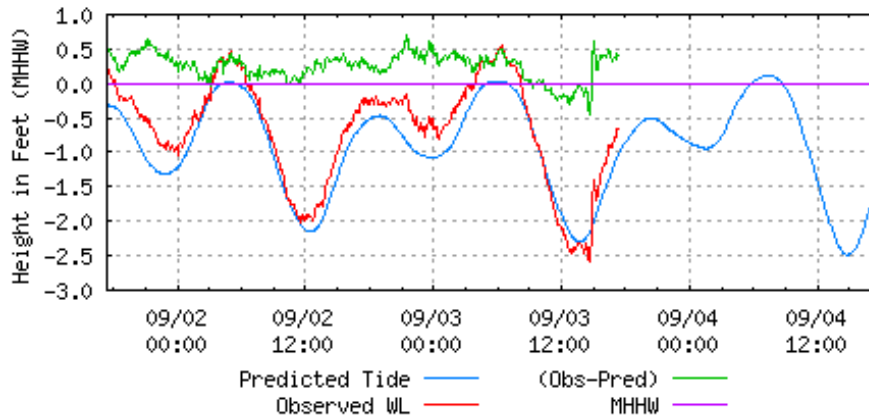
Forecaster Stewart

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: [Naples, Gulf of Mexico - Water Level](#), [Naples, Gulf of Mexico - Winds](#), [Naples, Gulf of Mexico - Barometric](#), [Fort Myers, Caloosahatchee River - Water Level](#), [Fort Myers, Caloosahatchee River - Winds](#), [Port Manatee - Water Level](#), [Port Manatee - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Virginia Key, Biscayne Bay - Water Level](#), [Virginia Key, Biscayne Bay - Winds](#), [Virginia Key, Biscayne Bay - Barometric](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Vaca Key, Florida Bay - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#)

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL

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



Last Observed Sample: 09/03/2018 17:18 (EDT). Data relative to MHHW

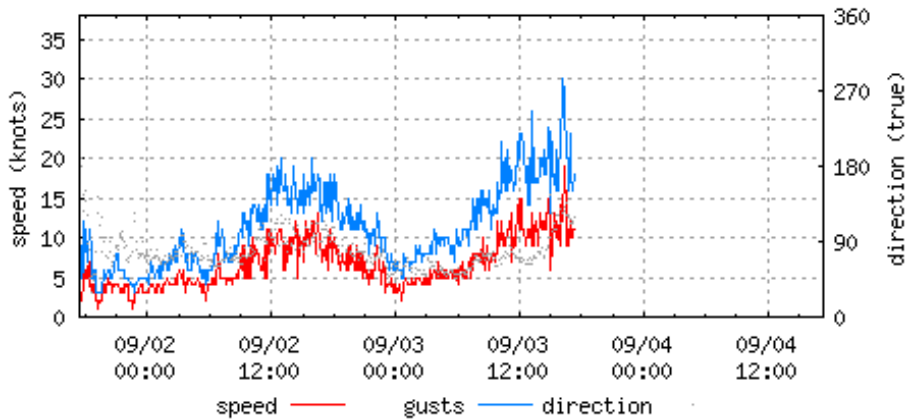
Observed: -0.65 ft. Predicted: -1.06 ft. Residual: 0.41 ft.

Historical Maximum Water Level: Sep 10 2017, 4.02 ft.

Next High Tide: 09/03/2018 20:24 (EDT), -0.50 ft.

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL

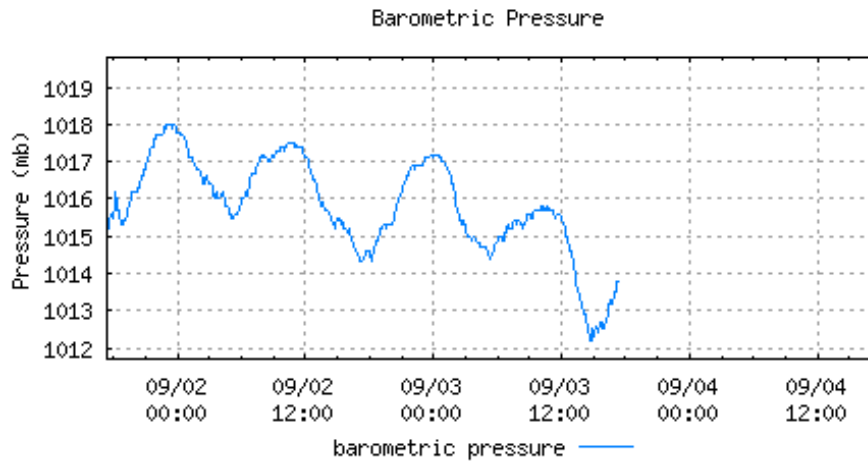
Wind Speed / Gusts / Direction



Last Observed Sample: 09/03/2018 17:18 (EDT)

Wind Speed: 11 knots Gusts: 18 knots Direction: 119° T

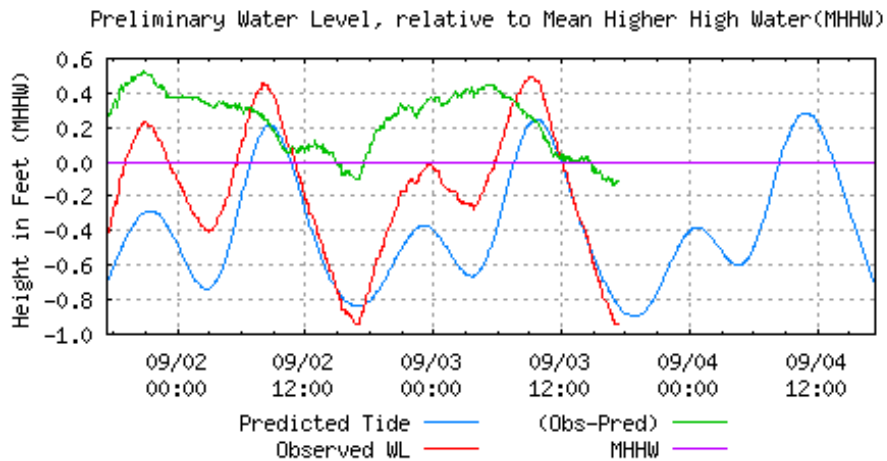
NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL



Last Observed Sample: 09/03/2018 17:18 (EDT)

Barometric Pressure: 1013.8 mb

NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



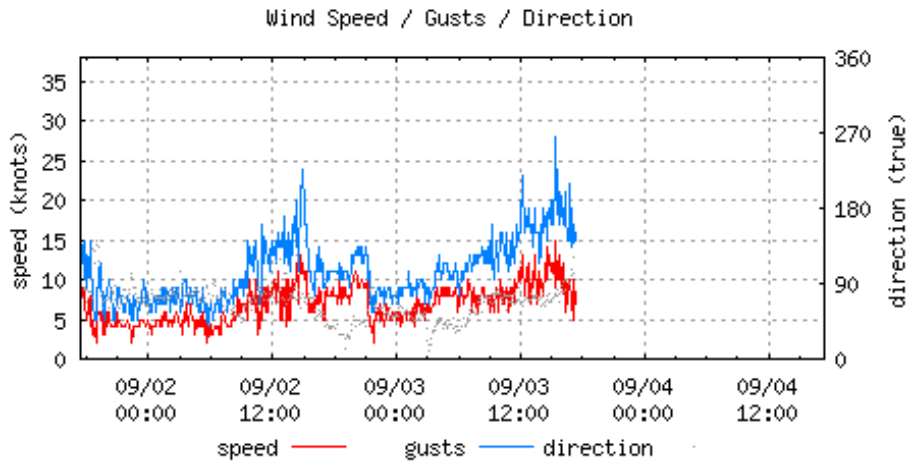
Last Observed Sample: 09/03/2018 17:18 (EDT). Data relative to MHHW

Observed: -0.95 ft. Predicted: -0.84 ft. Residual: -0.11 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 09/04/2018 00:43 (EDT), -0.38 ft.

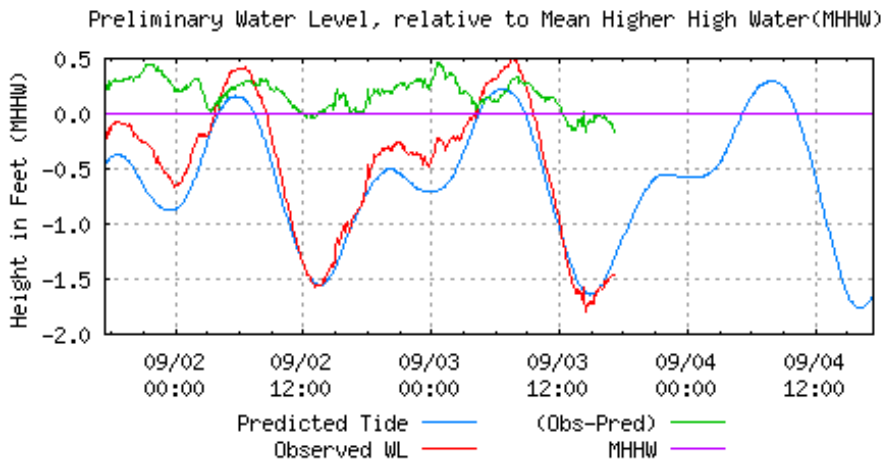
NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 09/03/2018 17:18 (EDT)

Wind Speed: 7 knots Gusts: 15 knots Direction: 96° T

NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



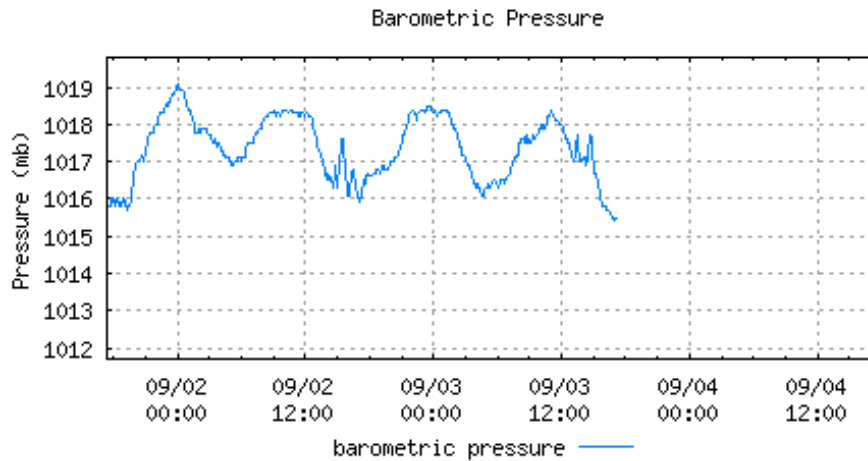
Last Observed Sample: 09/03/2018 17:18 (EDT). Data relative to MHHW

Observed: -1.45 ft. Predicted: -1.28 ft. Residual: -0.17 ft.

Historical Maximum Water Level: Sep 2 2016, 2.34 ft.

Next High Tide: 09/03/2018 21:57 (EDT), -0.55 ft.

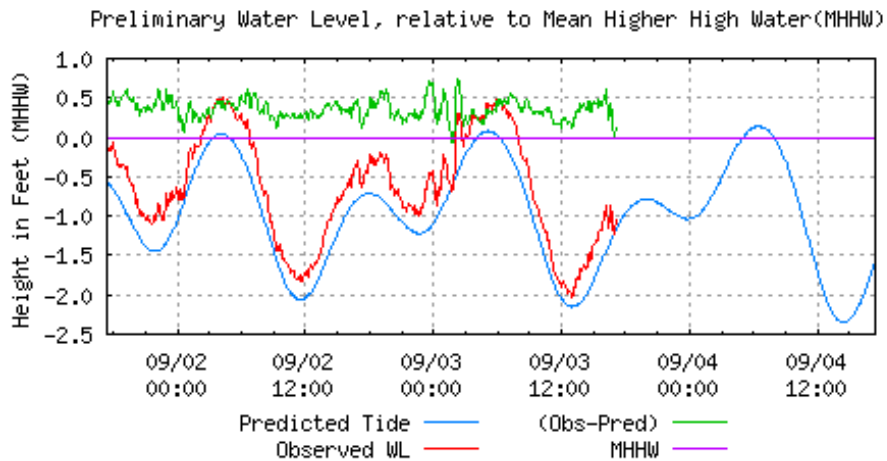
NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



Last Observed Sample: 09/03/2018 17:18 (EDT)

Barometric Pressure: 1015.5 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/03/2018 17:12 (EDT). Data relative to MHHW

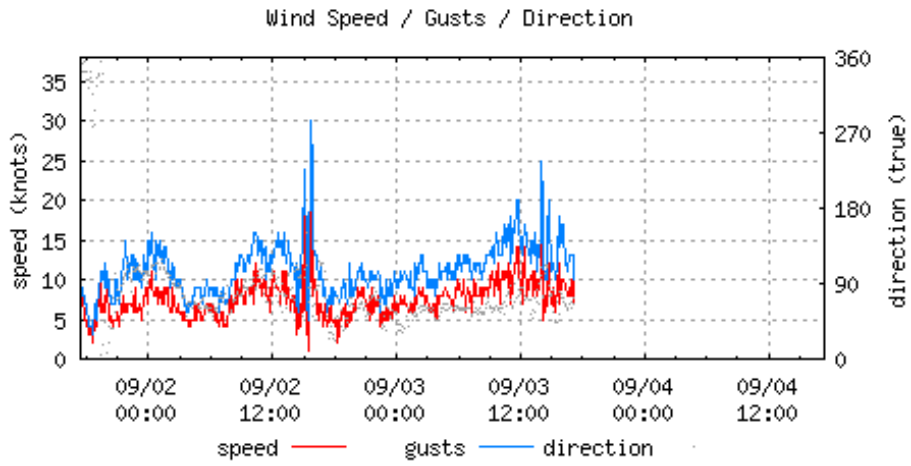
Observed: -1.05 ft. Predicted: -1.15 ft. Residual: 0.10 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 09/03/2018 19:56 (EDT), -0.79 ft.



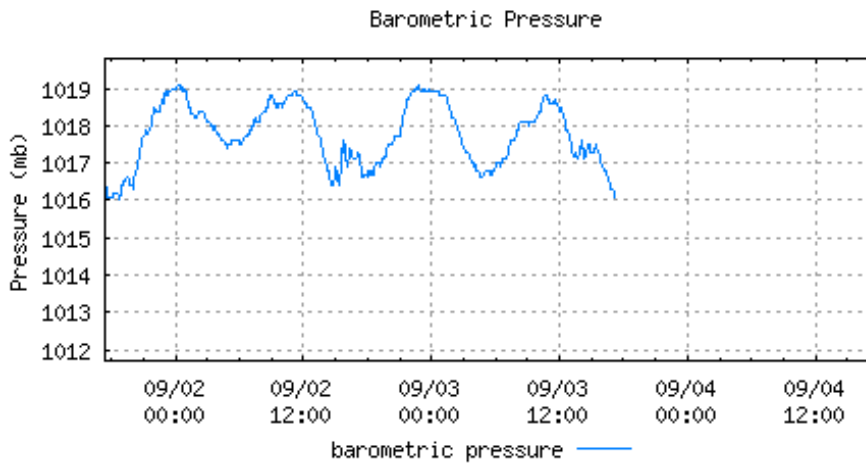
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/03/2018 17:12 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 66° T

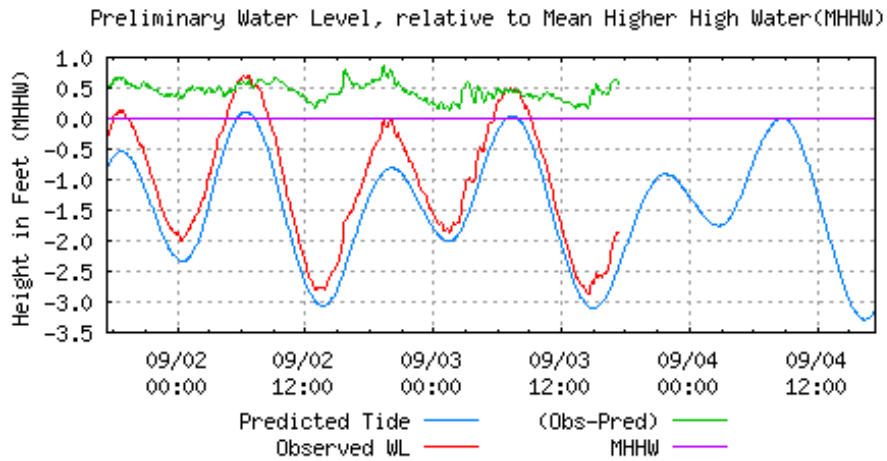
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 09/03/2018 17:12 (EDT)

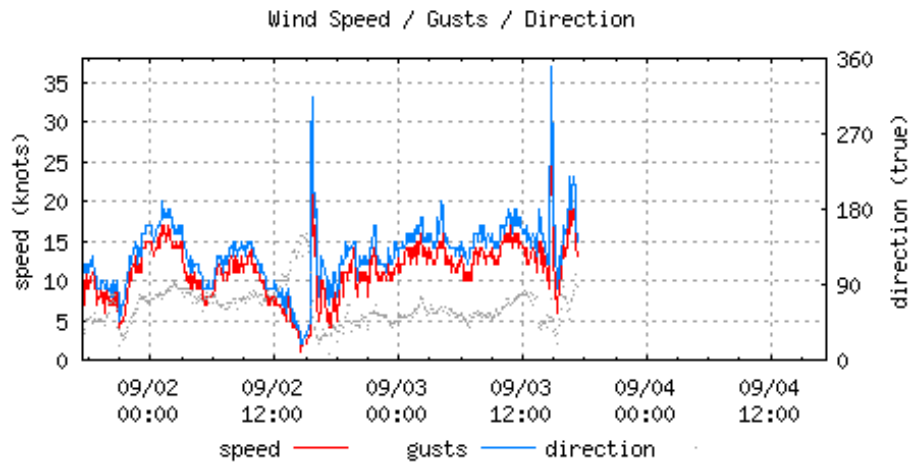
Barometric Pressure: 1016.1 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



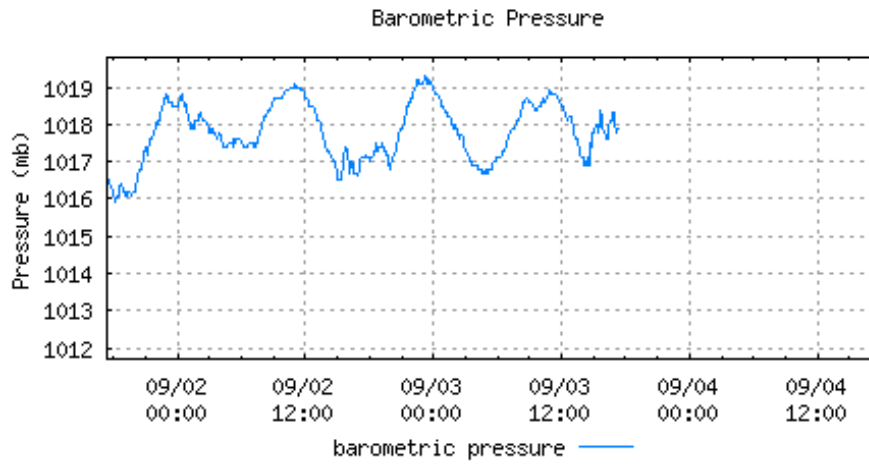
Last Observed Sample: 09/03/2018 17:24 (EDT). Data relative to MHHW  
**Observed: -1.87 ft. Predicted: -2.41 ft. Residual: 0.54 ft.**  
 Historical Maximum Water Level: Sep 2 2016, 5.98 ft.  
 Next High Tide: 09/03/2018 21:43 (EDT), -0.91 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/03/2018 17:24 (EDT)  
**Wind Speed: 13 knots Gusts: 15 knots Direction: 90° T**

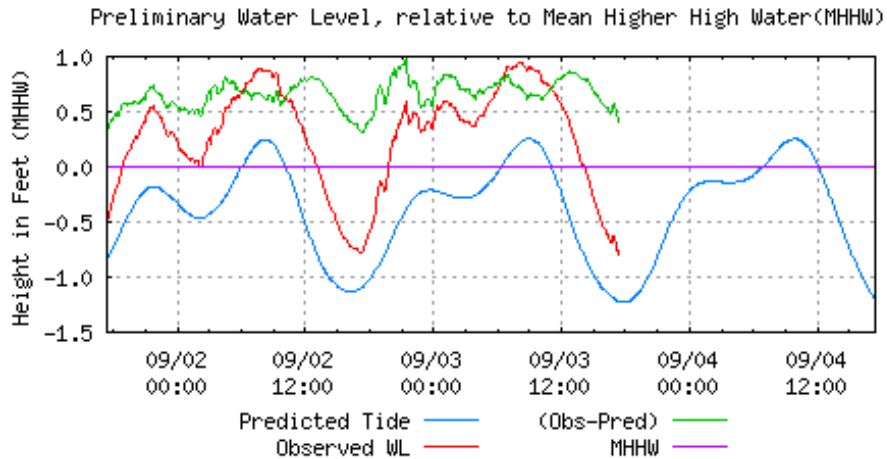
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/03/2018 17:24 (EDT)

Barometric Pressure: 1017.9 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



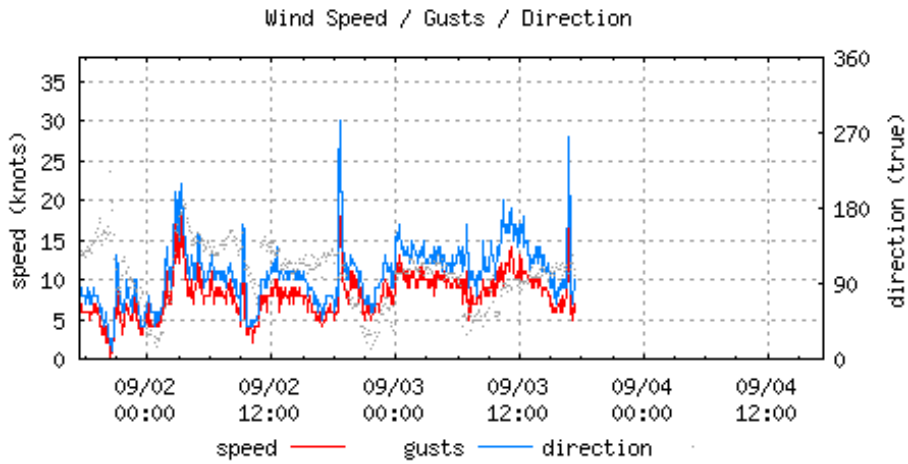
Last Observed Sample: 09/03/2018 17:24 (EDT). Data relative to MHHW

Observed: -0.80 ft. Predicted: -1.21 ft. Residual: 0.41 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

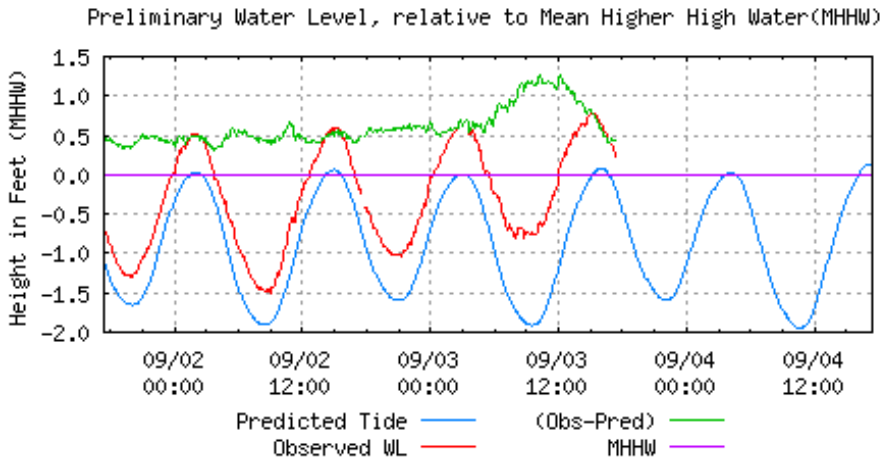
Next High Tide: 09/04/2018 09:53 (EDT), 0.25 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



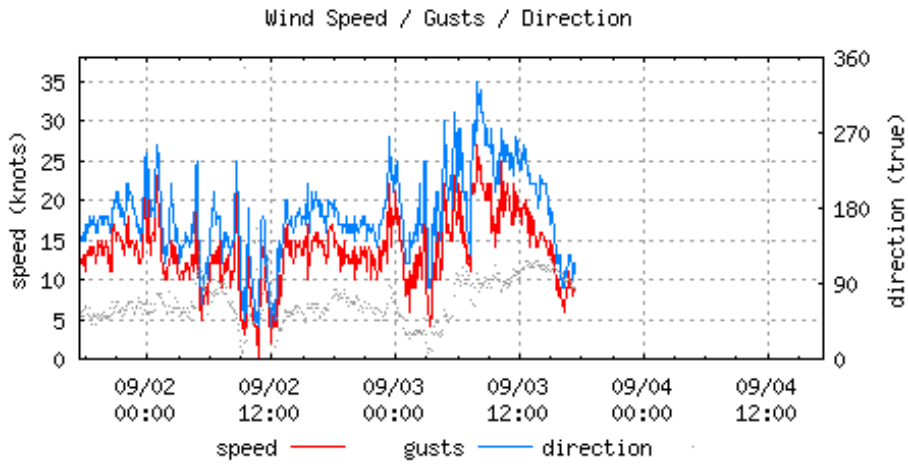
Last Observed Sample: 09/03/2018 17:24 (EDT)  
 Wind Speed: 6 knots Gusts: 10 knots Direction: 100° T

NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL



Last Observed Sample: 09/03/2018 17:24 (EDT). Data relative to MHHW  
 Observed: 0.24 ft. Predicted: -0.20 ft. Residual: 0.44 ft.  
 Historical Maximum Water Level: Sep 10 2017, 3.59 ft.  
 Next High Tide: 09/04/2018 04:08 (EDT), 0.02 ft.

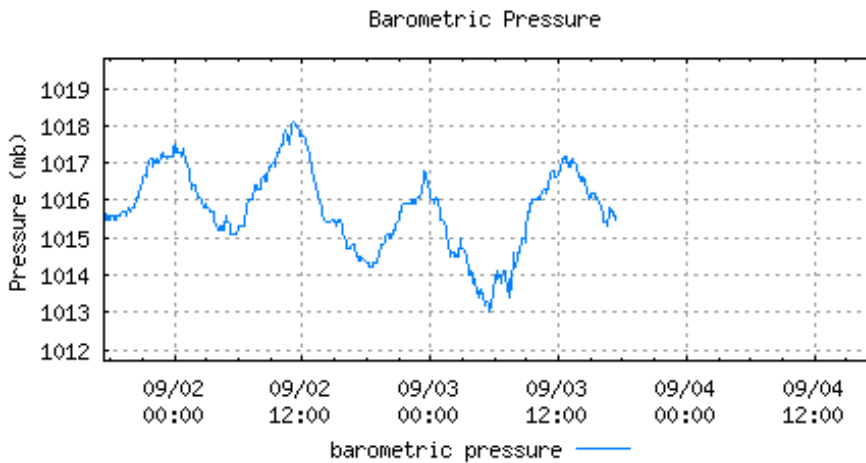
NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL



Last Observed Sample: 09/03/2018 17:24 (EDT)

Wind Speed: 9 knots Gusts: 12 knots Direction: 81° T

NOAA/NOS/CO-OPS 8723214 Virginia Key, Biscayne Bay, FL

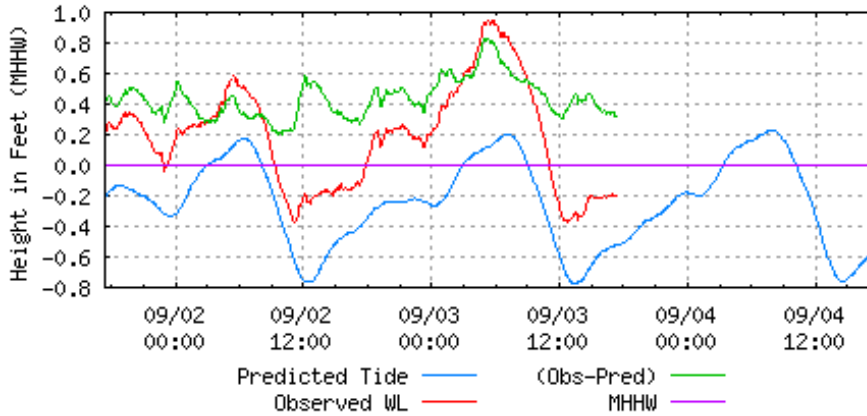


Last Observed Sample: 09/03/2018 17:24 (EDT)

Barometric Pressure: 1015.5 mb

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

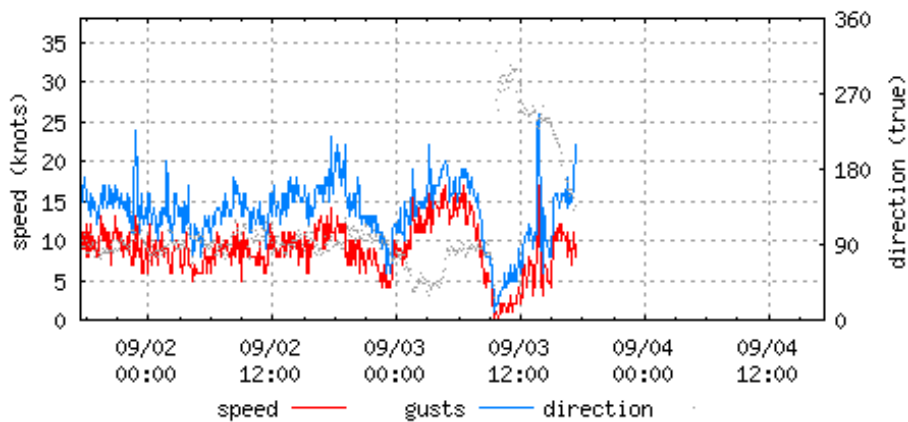
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/03/2018 17:18 (EDT). Data relative to MHHW  
**Observed: -0.20 ft. Predicted: -0.52 ft. Residual: 0.32 ft.**  
Historical Maximum Water Level: Oct 24 2005, 5.80 ft.  
Next High Tide: 09/04/2018 07:56 (EDT), 0.23 ft.

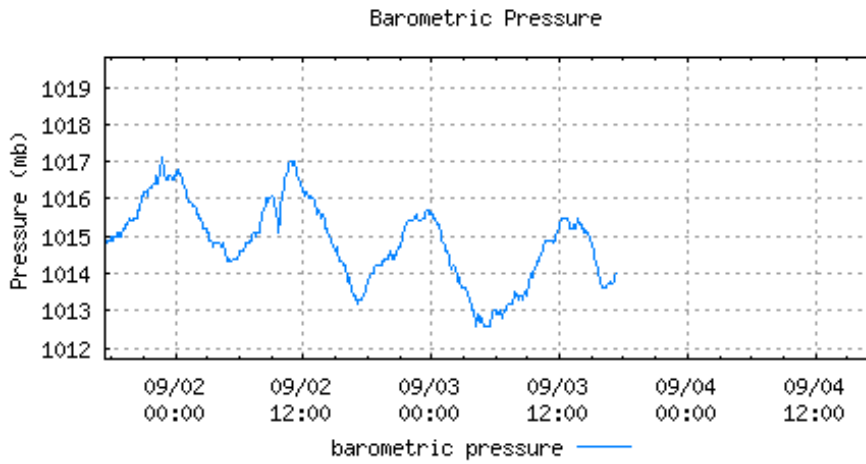
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 09/03/2018 17:18 (EDT)  
**Wind Speed: 8 knots Gusts: 22 knots Direction: 135° T**

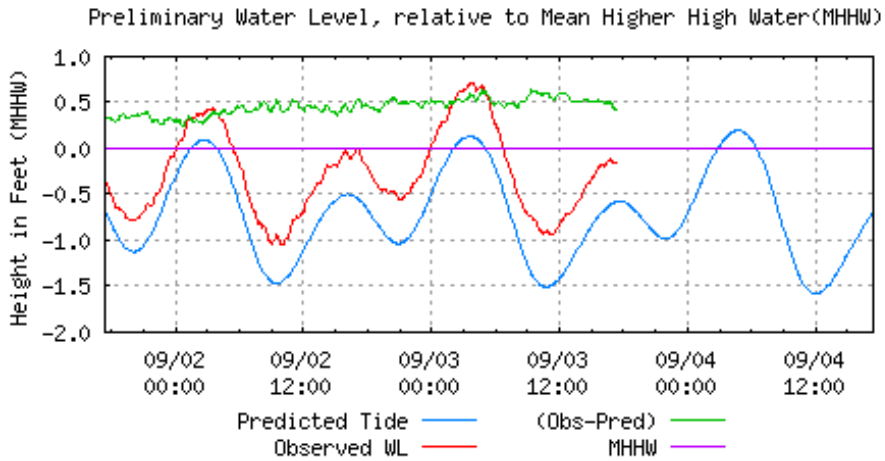
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 09/03/2018 17:18 (EDT)

Barometric Pressure: 1014.0 mb

NOAA/NOS/CO-OPS 8724580 Key West, FL



Last Observed Sample: 09/03/2018 17:18 (EDT). Data relative to MHHW

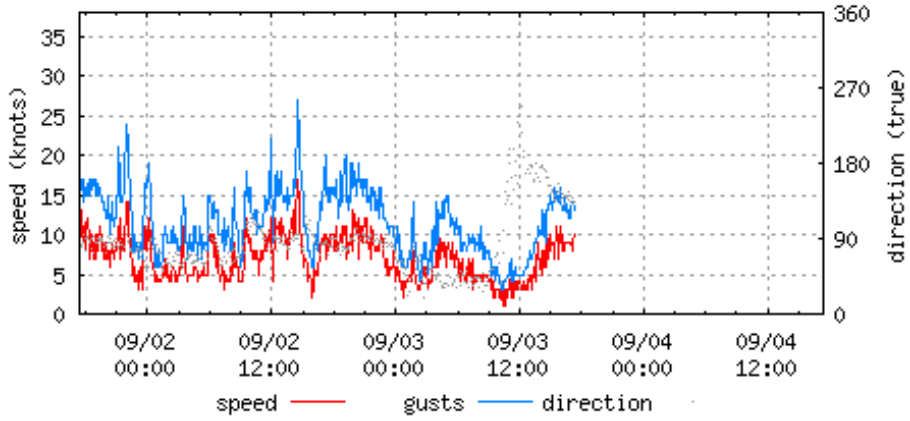
Observed: -0.16 ft. Predicted: -0.59 ft. Residual: 0.43 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 09/03/2018 17:38 (EDT), -0.58 ft.

NOAA/NOS/CO-OPS 8724580 Key West, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 09/03/2018 17:18 (EDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 134° 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
8725110	Naples, Gulf of Mexico, FL	09/03/2018 17:18 (EDT)	-0.65 ft	-1.06 ft	0.41 ft	0.54 ft
8725520	Fort Myers, Caloosahatchee River, FL	09/03/2018 17:18 (EDT)	-0.95 ft	-0.84 ft	-0.11 ft	0.49 ft
8726384	Port Manatee, FL	09/03/2018 17:18 (EDT)	-1.45 ft	-1.28 ft	-0.17 ft	0.49 ft
8726724	Clearwater Beach, FL	09/03/2018 17:12 (EDT)	-1.05 ft	-1.15 ft	0.10 ft	0.49 ft
8727520	Cedar Key, FL	09/03/2018 17:24 (EDT)	-1.87 ft	-2.41 ft	0.54 ft	0.49 ft
8728690	Apalachicola, FL	09/03/2018 17:24 (EDT)	-0.80 ft	-1.21 ft	0.41 ft	0.95 ft
8723214	Virginia Key, Biscayne Bay, FL	09/03/2018 17:24 (EDT)	0.24 ft	-0.20 ft	0.44 ft	0.78 ft
8723970	Vaca Key, Florida Bay, FL	09/03/2018 17:18 (EDT)	-0.20 ft	-0.52 ft	0.32 ft	0.95 ft
8724580	Key West, FL	09/03/2018 17:18 (EDT)	-0.16 ft	-0.59 ft	0.43 ft	0.72 ft

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