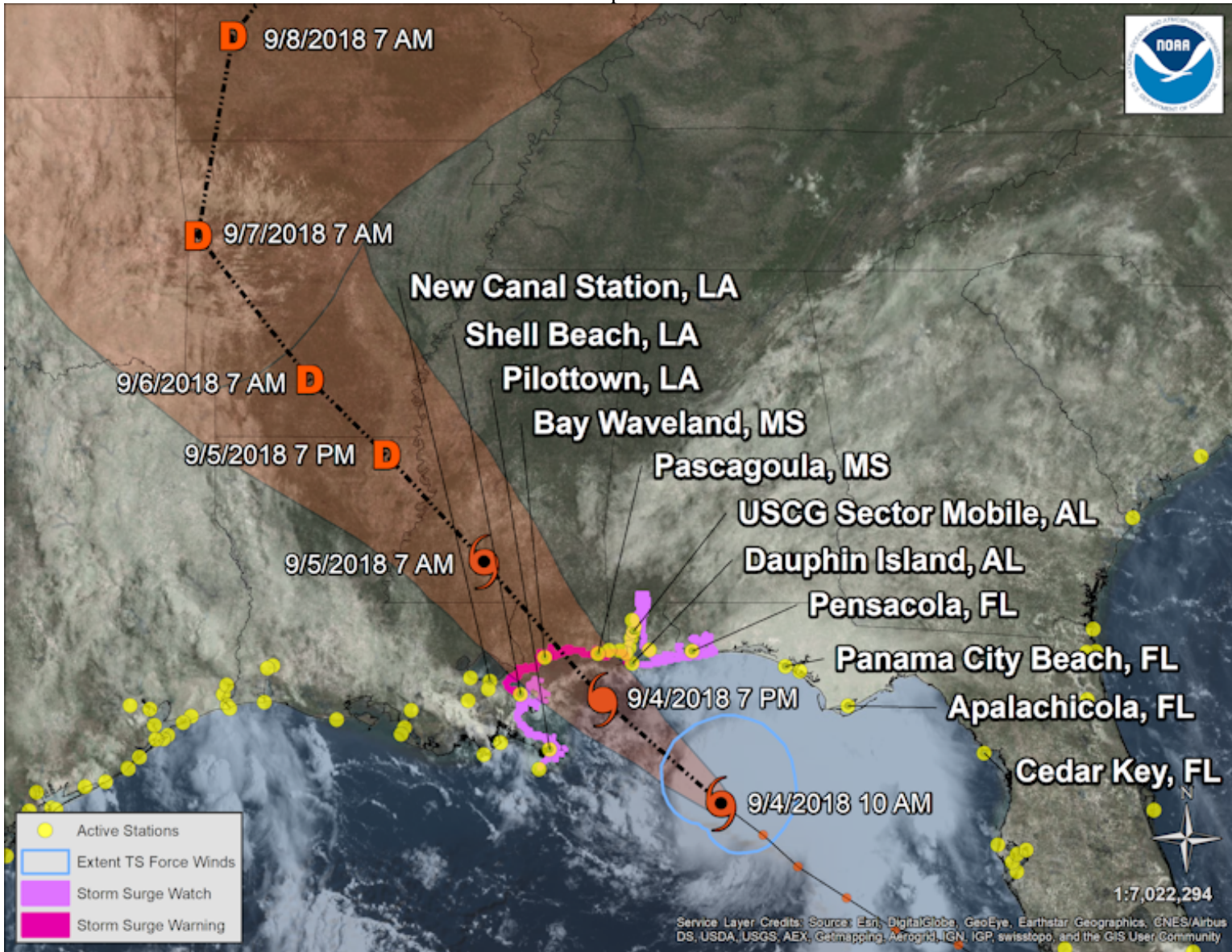




Tropical Storm Gordon QuickLook
 Posted: 11:00 CDT 09/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/04/2018 11:00 CDT, water levels along the west coast of Florida range from 1.0 to 1.3 feet above tide predictions. Water levels along the Florida Panhandle, Alabama, Mississippi, and Louisiana coasts, range from 0.8 ft to 2.0 feet above tide predictions. Winds remain breezy across the region with gusts to 25 knots. Barometric pressure is decreasing gradually across the northern Gulf coast.

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

Select National Hurricane Center Advisory Information:

BULLETIN

Tropical Storm Gordon Advisory Number 9

NWS National Hurricane Center Miami FL

1000 AM CDT Tue Sep 04 2018

...OUTER RAINBANDS PRODUCING SQUALLY WEATHER ALONG THE COAST OF THE WESTERN FLORIDA PANHANDLE...

...GORDON EXPECTED TO MAKE LANDFALL TONIGHT AS A HURRICANE...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued west of Grand Isle, Louisiana.

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...

- * West of the Mouth of the Pearl River to Grand Isle, 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

At 1000 AM CDT, the center of Tropical Storm Gordon was located ABOUT 145 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER. Gordon is moving toward the northwest near 15 mph, and this general motion is expected to continue until landfall occurs tonight along the north-central Gulf coast. A northwestward motion with some decrease in forward speed is expected after landfall, with a gradual turn toward the north-northwest and north forecast to occur on Friday. On the forecast track, the center of Gordon will move across the northern Gulf of Mexico today, and will approach the north-central Gulf Coast within the hurricane warning area late this afternoon or evening, and move inland over the lower Mississippi Valley tonight and early Wednesday.

Reports from NOAA and Air Force Reserve Unit reconnaissance aircraft indicate that maximum sustained winds remain near 65 mph with higher gusts. Some strengthening is expected today, and Gordon is forecast to be a hurricane when it makes landfall along the north-central Gulf Coast. Rapid weakening is forecast after Gordon moves inland.

Tropical-storm-force winds extend outward up to 80 miles from the center. NOAA Buoy 42039, located north of Gordon's center, recently reported a sustained wind of 43 mph and a gust to 49 mph.

The minimum central pressure recently reported by a NOAA reconnaissance aircraft was 1001 mb.

HAZARDS AFFECTING LAND

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...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 4 to 8 inches over the western Florida

Panhandle, southwest Alabama, southern and central Mississippi, southeastern and northeastern Louisiana, and southern Arkansas, with isolated maximum amounts of 12 inches through late Thursday. This rainfall will cause flash flooding across portions of these areas.

WIND: Tropical storm conditions are expected to begin this afternoon within portions of the warning area, with hurricane conditions expected by this evening in the hurricane warning area.

TORNADOES: A few tornadoes are possible this afternoon through tonight near the coasts of Mississippi, Alabama, and the Florida Panhandle.

NEXT ADVISORY

Next intermediate advisory at 100 PM CDT.

Next complete advisory at 400 PM CDT.

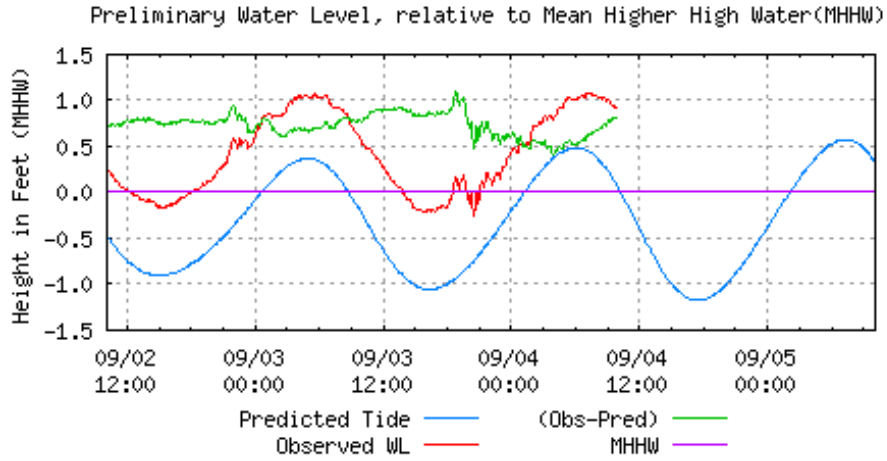
\$\$

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.

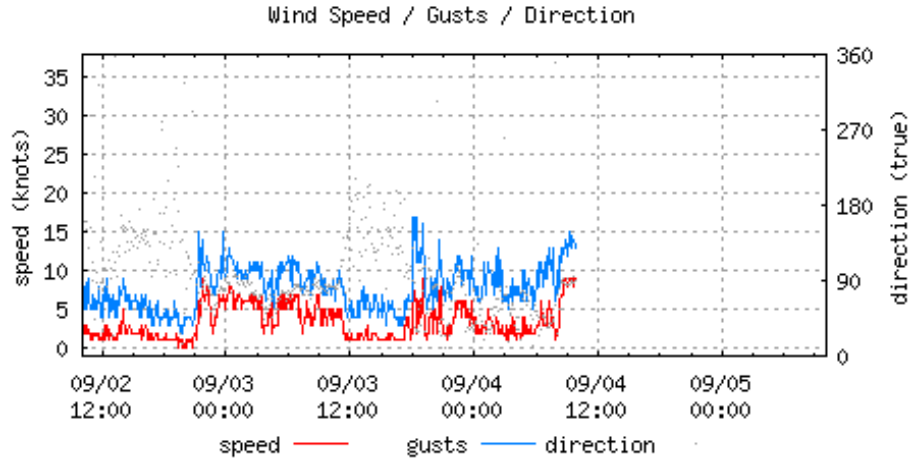
Jump to: [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#)

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 09:48 (CDT). Data relative to MHHW
Observed: 0.91 ft. Predicted: 0.09 ft. Residual: 0.82 ft.
Historical Maximum Water Level: Sep 16 2004, 9.54 ft.
Next High Tide: 09/05/2018 07:18 (CDT), 0.58 ft.

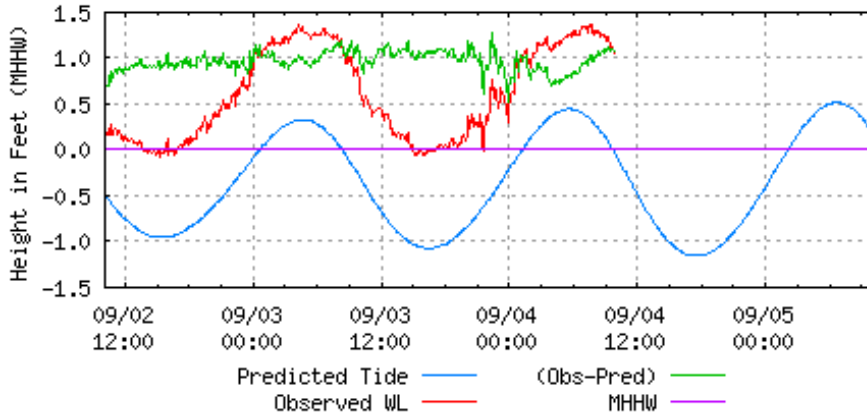
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 09:48 (CDT)
Wind Speed: 9 knots Gusts: 13 knots Direction: 89° T

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

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



Last Observed Sample: 09/04/2018 09:48 (CDT). Data relative to MHHW

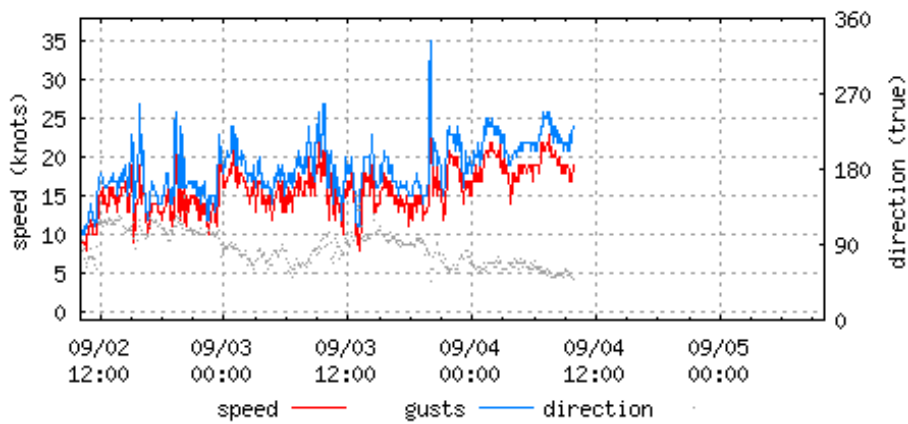
Observed: 1.07 ft. Predicted: -0.01 ft. Residual: 1.08 ft.

Historical Maximum Water Level: Sep 12 1979, 7.96 ft.

Next High Tide: 09/05/2018 06:42 (CDT), 0.52 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

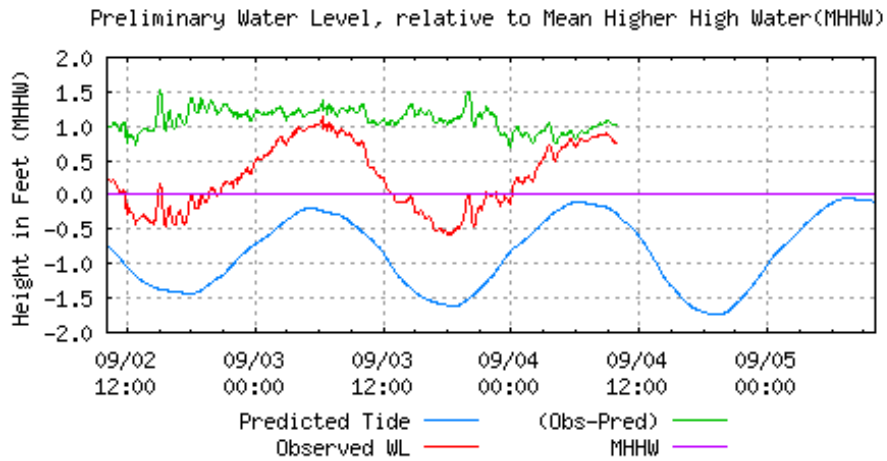
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 09:48 (CDT)

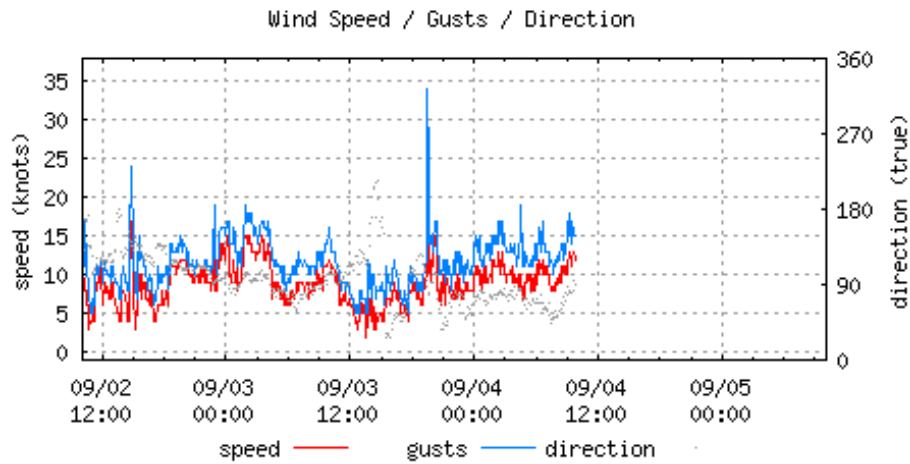
Wind Speed: 19 knots Gusts: 24 knots Direction: 49° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



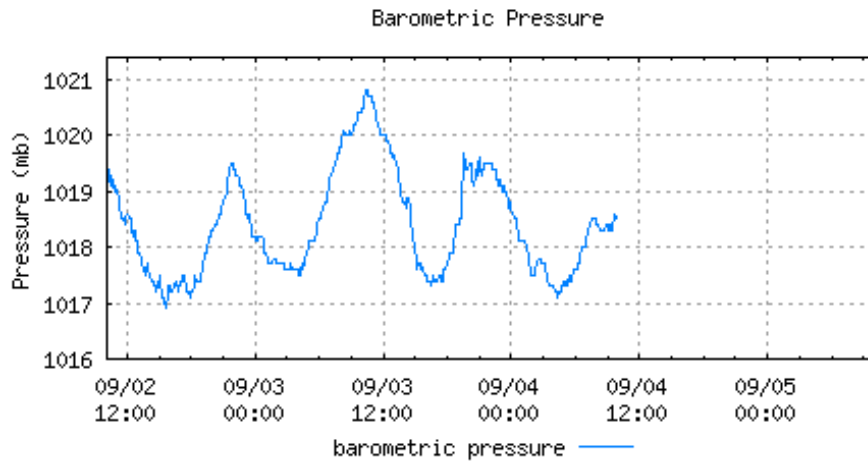
Last Observed Sample: 09/04/2018 09:54 (CDT). Data relative to MHHW
Observed: 0.73 ft. Predicted: -0.29 ft. Residual: 1.02 ft.
 Historical Maximum Water Level: Oct 8 2017, 5.38 ft.
 Next High Tide: 09/05/2018 07:24 (CDT), -0.05 ft.

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 09/04/2018 09:54 (CDT)
Wind Speed: 12 knots Gusts: 16 knots Direction: 81° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

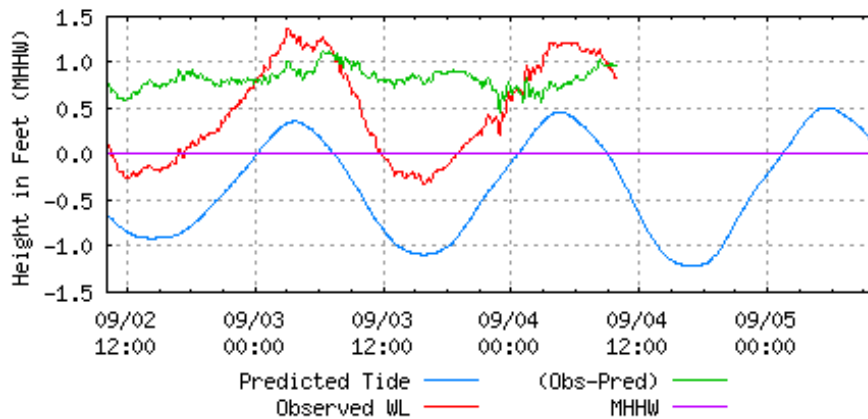


Last Observed Sample: 09/04/2018 09:54 (CDT)

Barometric Pressure: 1018.5 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

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



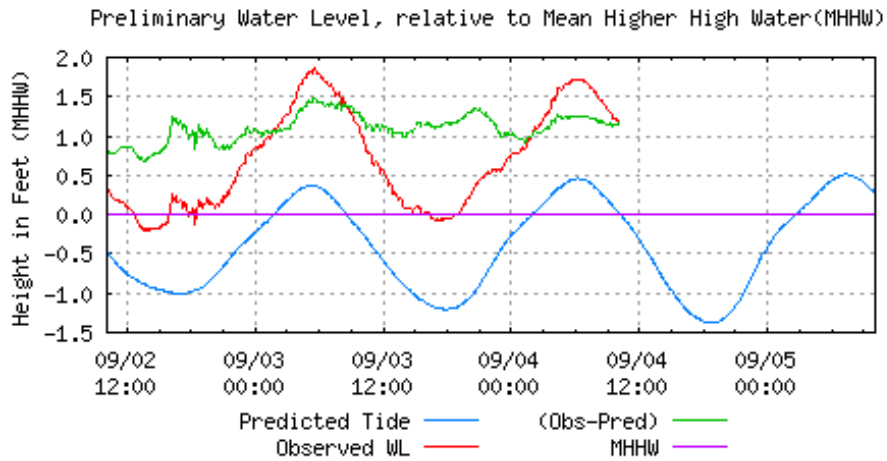
Last Observed Sample: 09/04/2018 09:48 (CDT). Data relative to MHHW

Observed: 0.83 ft. Predicted: -0.14 ft. Residual: 0.97 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

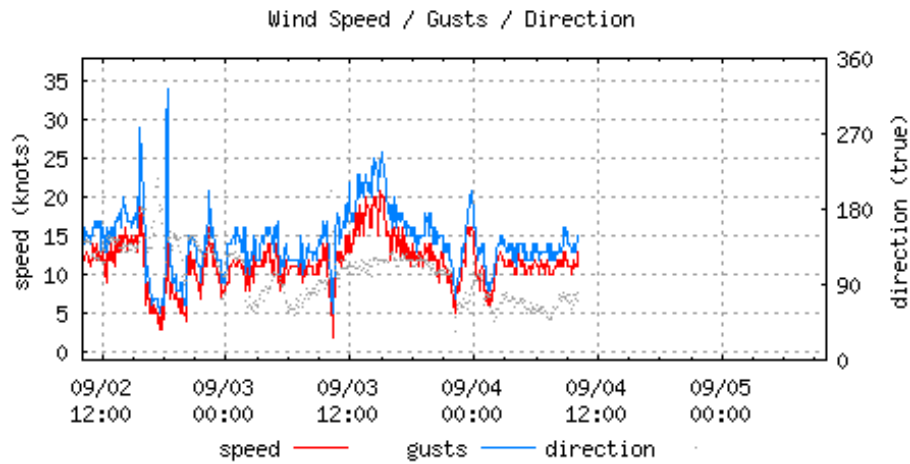
Next High Tide: 09/05/2018 05:32 (CDT), 0.51 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 10:06 (CDT). Data relative to MHHW
Observed: 1.17 ft. Predicted: 0.02 ft. Residual: 1.15 ft.
 Historical Maximum Water Level: Sep 1 2008, 9.10 ft.
 Next High Tide: 09/05/2018 07:21 (CDT), 0.51 ft.

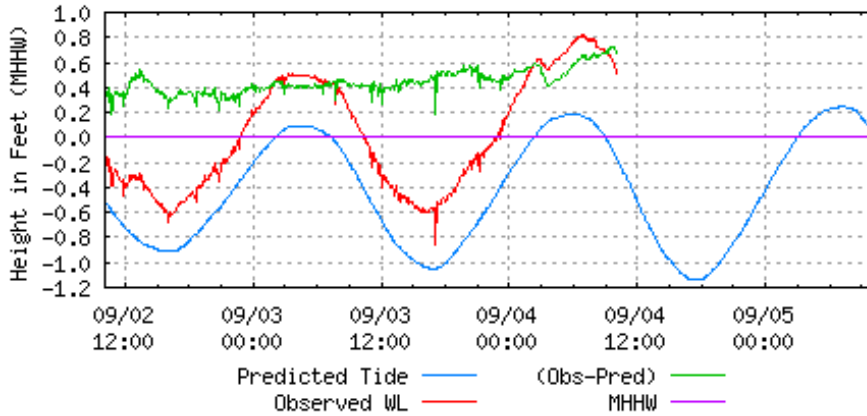
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 10:06 (CDT)
Wind Speed: 13 knots Gusts: 15 knots Direction: 80° T

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

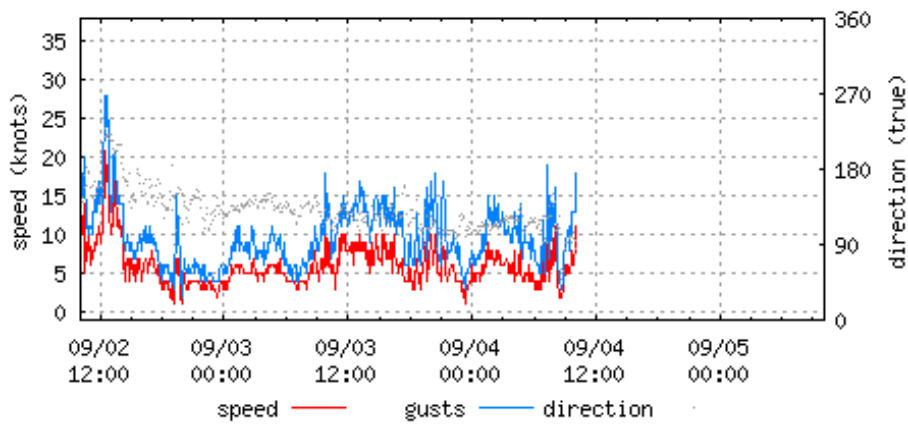
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 10:06 (CDT). Data relative to MHHW
Observed: 0.51 ft. Predicted: -0.17 ft. Residual: 0.68 ft.
 Historical Maximum Water Level: Aug 29 2012, 4.78 ft.
 Next High Tide: 09/05/2018 07:12 (CDT), 0.25 ft.

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

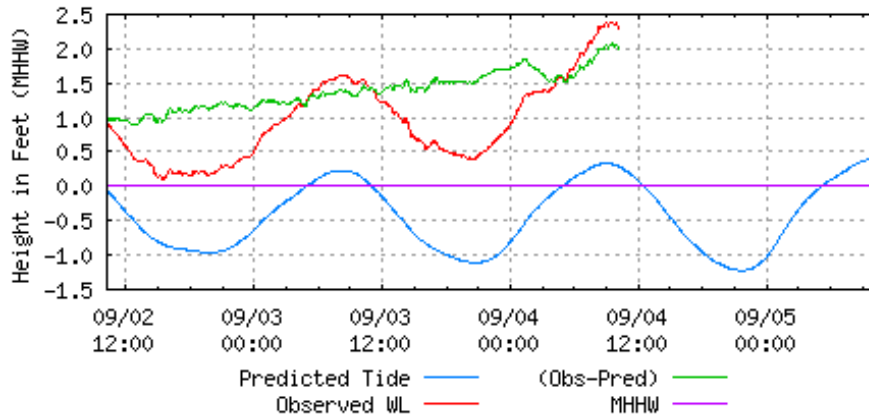
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 10:06 (CDT)
Wind Speed: 11 knots Gusts: 18 knots Direction: 85° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

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



Last Observed Sample: 09/04/2018 10:06 (CDT). Data relative to MHHW

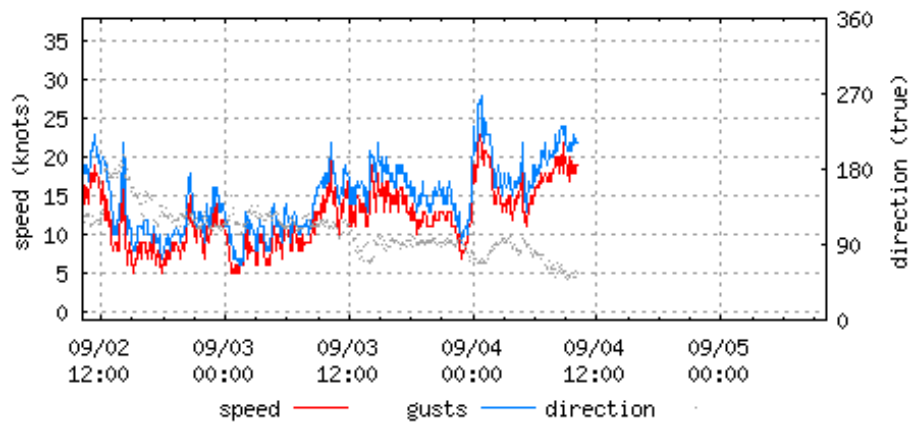
Observed: 2.28 ft. Predicted: 0.29 ft. Residual: 1.99 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 09/05/2018 10:00 (CDT), 0.39 ft.

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

Wind Speed / Gusts / Direction

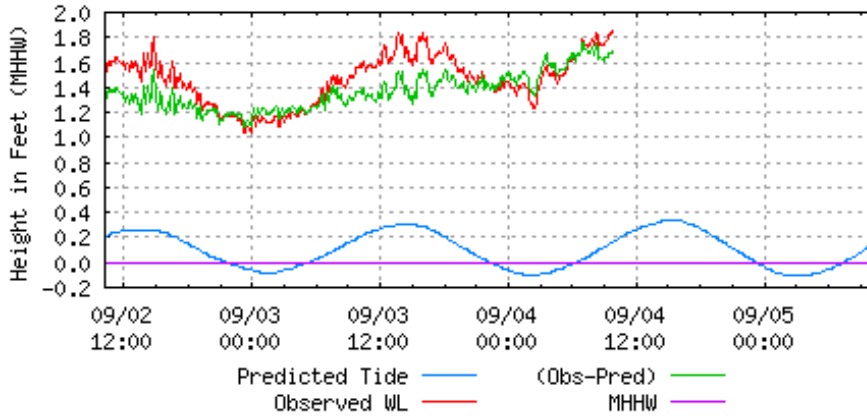


Last Observed Sample: 09/04/2018 10:06 (CDT)

Wind Speed: 19 knots Gusts: 22 knots Direction: 56° T

NOAA/NOS/CO-OPS 8761927 New Canal Station, LA

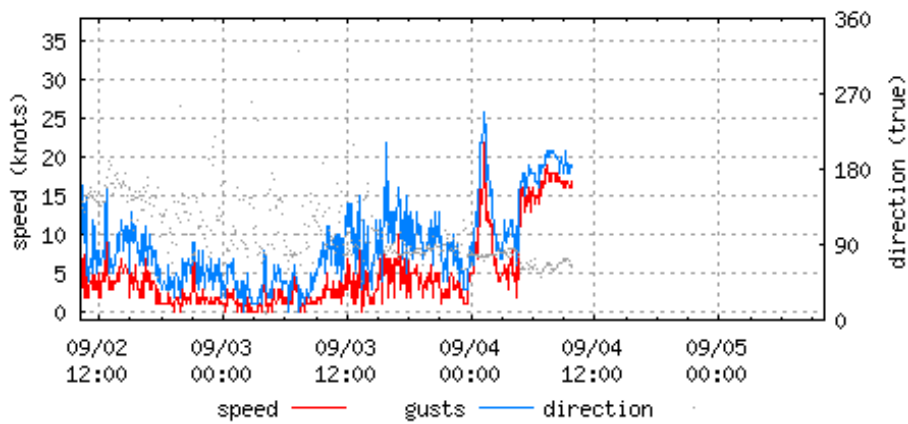
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 09:48 (CDT). Data relative to MHHW
Observed: 1.83 ft. Predicted: 0.16 ft. Residual: 1.67 ft.
 Historical Maximum Water Level: Aug 30 2012, 5.97 ft.
 Next High Tide: 09/04/2018 15:22 (CDT), 0.34 ft.

NOAA/NOS/CO-OPS 8761927 New Canal Station, LA

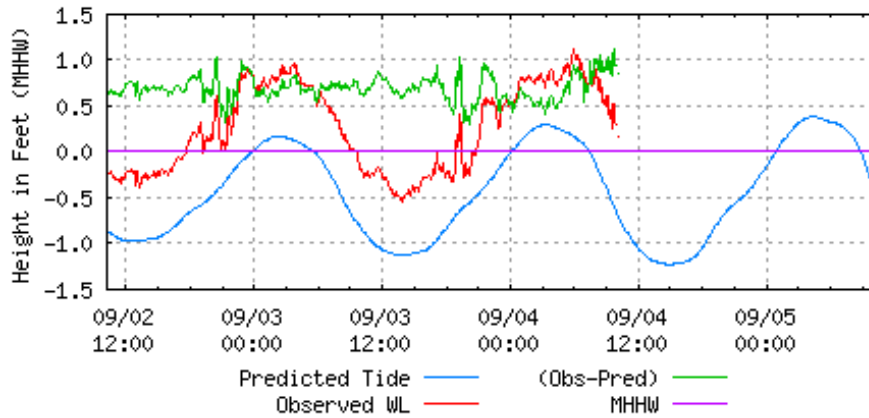
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 09:48 (CDT)
Wind Speed: 16 knots Gusts: 19 knots Direction: 65° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

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



Last Observed Sample: 09/04/2018 10:06 (CDT). Data relative to MHHW

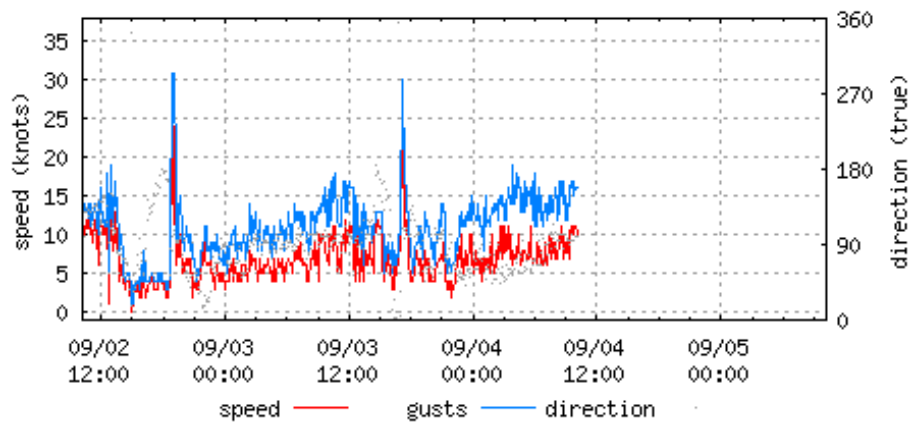
Observed: 0.16 ft. Predicted: -0.70 ft. Residual: 0.86 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 09/05/2018 04:20 (CDT), 0.38 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

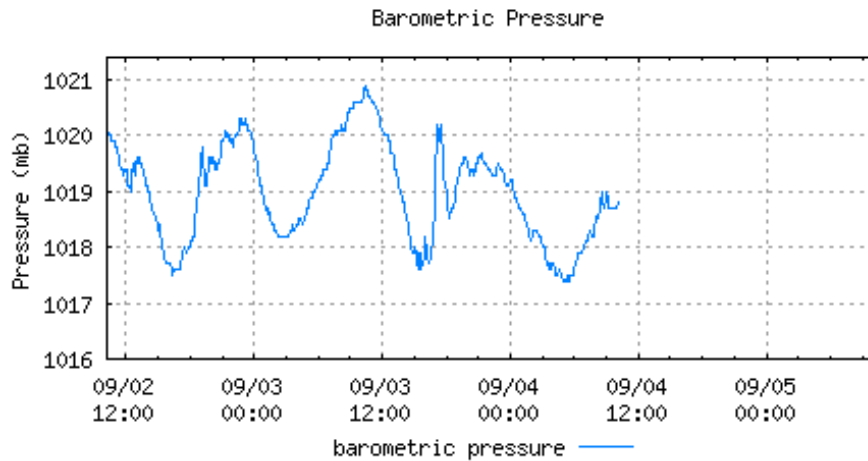
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 10:06 (CDT)

Wind Speed: 10 knots Gusts: 16 knots Direction: 100° T

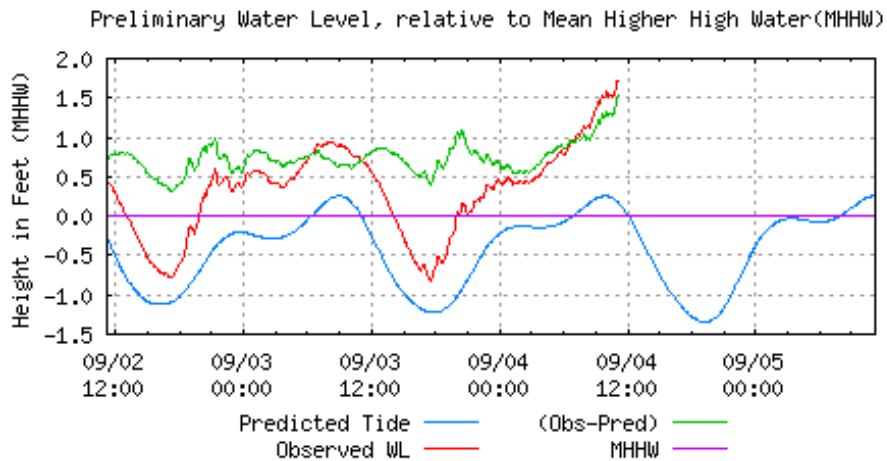
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/04/2018 10:06 (CDT)

Barometric Pressure: 1018.8 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 11:06 (EDT). Data relative to MHHW

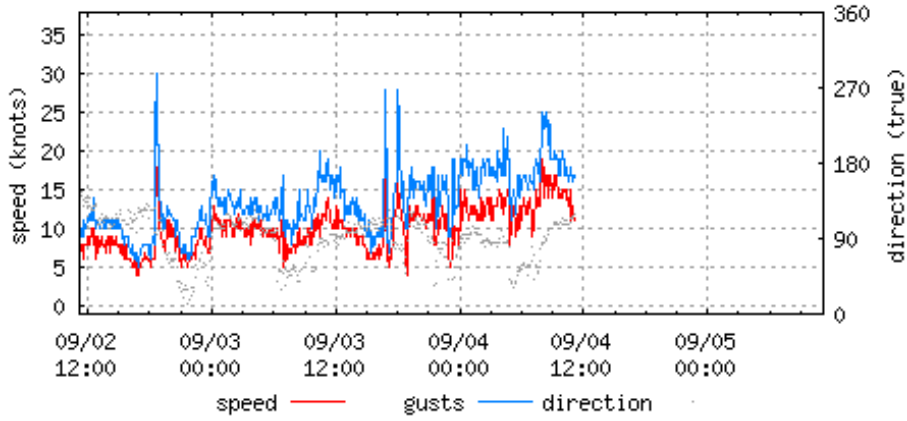
Observed: 1.72 ft. Predicted: 0.18 ft. Residual: 1.54 ft.

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

Next High Tide: 09/05/2018 03:21 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Wind Speed / Gusts / Direction

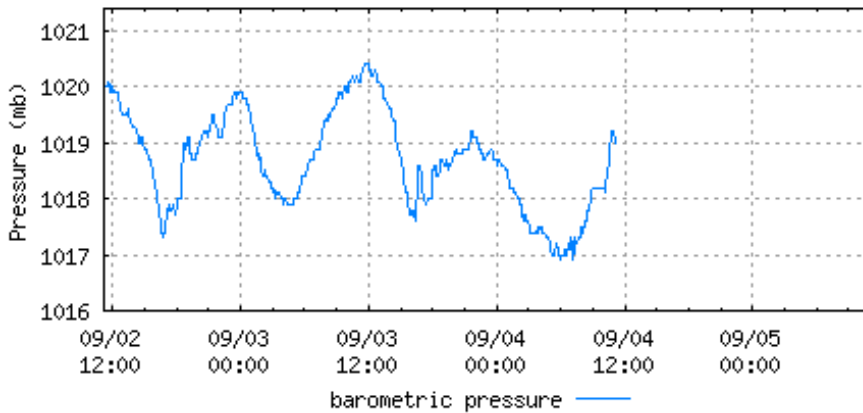


Last Observed Sample: 09/04/2018 11:06 (EDT)

Wind Speed: 11 knots Gusts: 17 knots Direction: 120° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Barometric Pressure

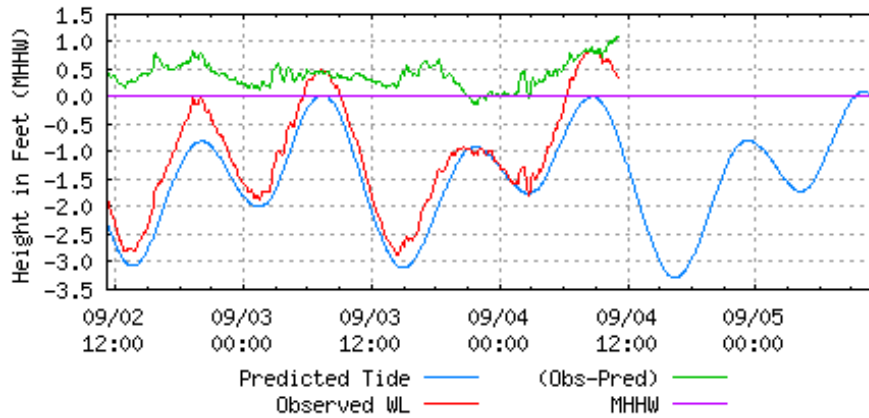


Last Observed Sample: 09/04/2018 11:06 (EDT)

Barometric Pressure: 1019.0 mb

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

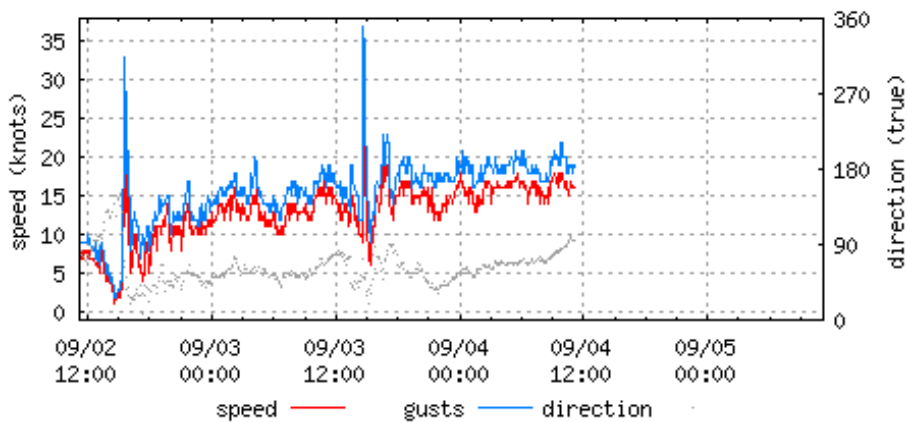
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 11:06 (EDT). Data relative to MHHW
Observed: 0.36 ft. Predicted: -0.75 ft. Residual: 1.11 ft.
 Historical Maximum Water Level: Sep 2 2016, 5.98 ft.
 Next High Tide: 09/04/2018 23:16 (EDT), -0.79 ft.

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

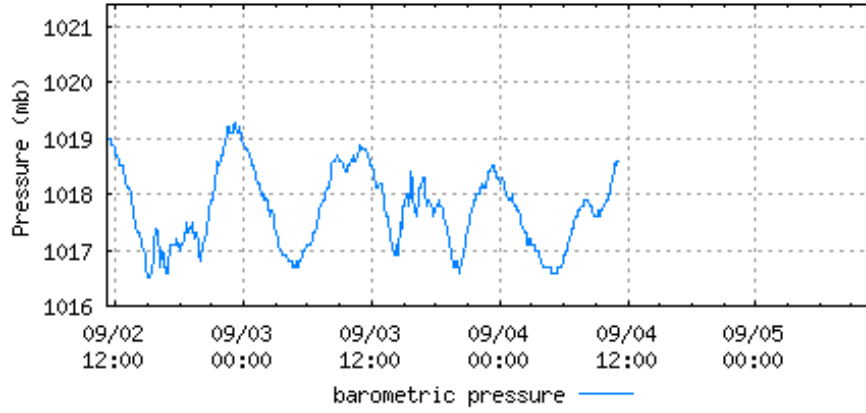
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 11:06 (EDT)
Wind Speed: 16 knots Gusts: 19 knots Direction: 96° T

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

Barometric Pressure



Last Observed Sample: 09/04/2018 11:06 (EDT)

Barometric Pressure: 1018.6 mb

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
8729840	Pensacola, FL	09/04/2018 09:48 (CDT)	0.91 ft	0.09 ft	0.82 ft	1.08 ft
8735180	Dauphin Island, AL	09/04/2018 09:48 (CDT)	1.07 ft	-0.01 ft	1.08 ft	1.37 ft
8736897	Coast Guard Sector Mobile, AL	09/04/2018 09:54 (CDT)	0.73 ft	-0.29 ft	1.02 ft	0.89 ft
8741533	Pascagoula NOAA Lab, MS	09/04/2018 09:48 (CDT)	0.83 ft	-0.14 ft	0.97 ft	1.22 ft
8747437	Bay Waveland Yacht Club, MS	09/04/2018 10:06 (CDT)	1.17 ft	0.02 ft	1.15 ft	1.71 ft
8760721	Pilottown, LA	09/04/2018 10:06 (CDT)	0.51 ft	-0.17 ft	0.68 ft	0.82 ft
8761305	Shell Beach, LA	09/04/2018 10:06 (CDT)	2.28 ft	0.29 ft	1.99 ft	2.39 ft
8761927	New Canal Station, LA	09/04/2018 09:48 (CDT)	1.83 ft	0.16 ft	1.67 ft	1.85 ft
8729210	Panama City Beach, FL	09/04/2018 10:06 (CDT)	0.16 ft	-0.70 ft	0.86 ft	1.12 ft
8728690	Apalachicola, FL	09/04/2018 11:06 (EDT)	1.72 ft	0.18 ft	1.54 ft	1.72 ft
8727520	Cedar Key, FL	09/04/2018 11:06 (EDT)	0.36 ft	-0.75 ft	1.11 ft	0.90 ft

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