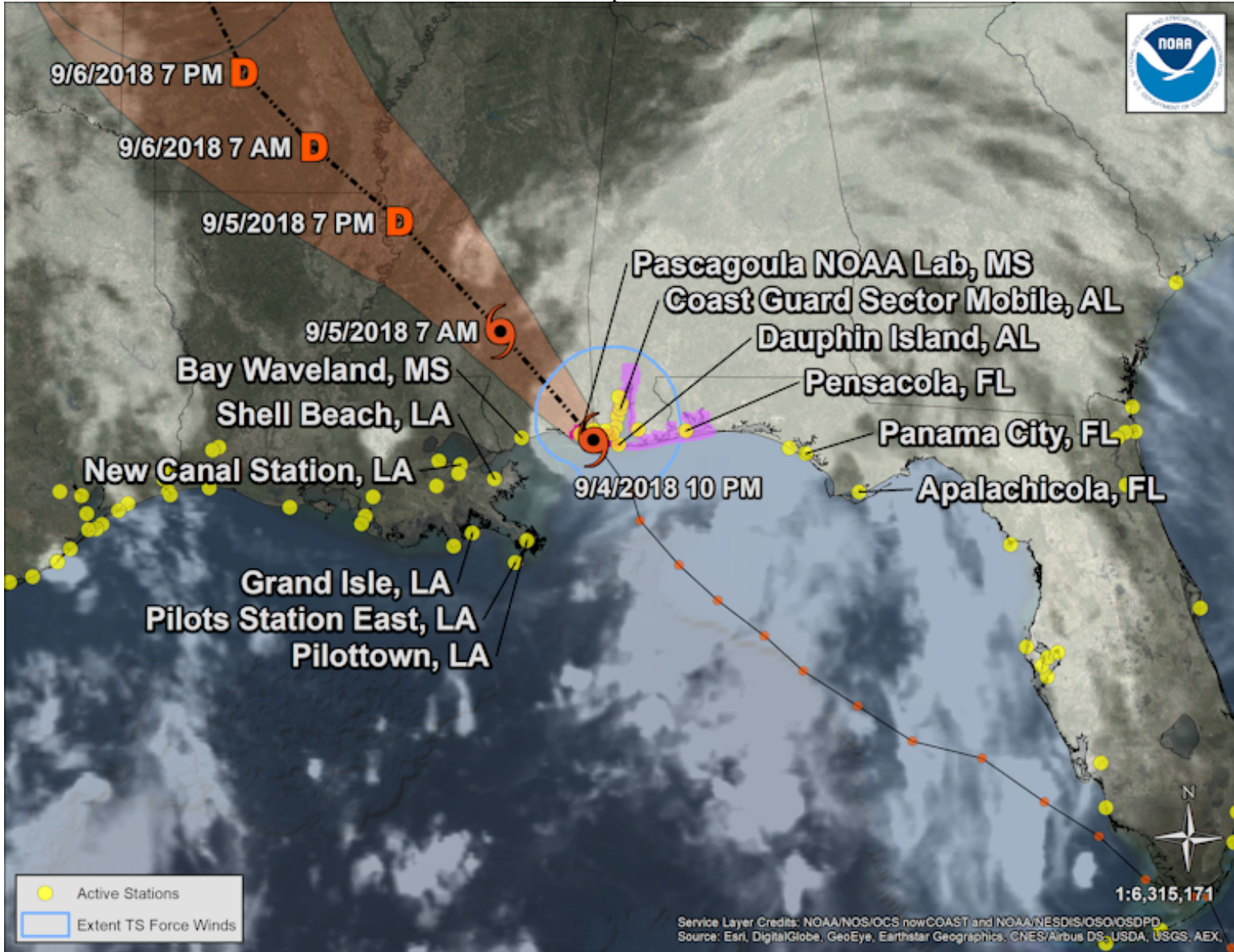




Tropical Storm Gordon QuickLook
 Posted: 23:00 CDT 09/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

...CENTER OF GORDON MAKING LANDFALL JUST WEST OF THE ALABAMA-MISSISSIPPI BORDER...

As of 09/04/2018 23:00 CDT, water levels from the Florida panhandle to southeastern Louisiana remain elevated and are measuring 1.0 to 2.8 feet above normal tide levels with the highest residuals presently observed at Shell Beach,

LA. However water level residuals along the Alabama and western Florida panhandle have begun to fall from their peak as Gordon begins to move inland. Many coastal locations impacted by Gordon will be approaching high tide over the next 6-8 hours which may result in continued elevated water levels for several hours following the recent landfall.

Winds are rising at some locations along the immediate coast, most notably Dauphin Island, AL, which has measured winds in excess of 50 knots with gusts to 60 knots over the past few hours. Winds up Mobile Bay are also rising with speeds of 30 knots and gusts over 40 knots observed at Coast Guard Sector Mobile, AL. Barometric pressure is rapidly falling or has bottomed out near where Gordon made landfall.

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: PFF

Select National Hurricane Center Advisory Information:

BULLETIN

Tropical Storm Gordon Advisory Number 11

NWS National Hurricane Center Miami FL AL072018

1000 PM CDT Tue Sep 04 2018

...CENTER OF GORDON MAKING LANDFALL JUST WEST OF THE ALABAMA-MISSISSIPPI BORDER...

SUMMARY OF 1000 PM CDT...0300 UTC...INFORMATION

LOCATION...30.3N 88.4W

ABOUT 30 MI...50 KM ESE OF BILOXI MISSISSIPPI

ABOUT 35 MI...55 KM SSW OF MOBILE ALABAMA

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

PRESENT MOVEMENT...NW OR 315 DEGREES AT 14 MPH...22 KM/H

MINIMUM CENTRAL PRESSURE...997 MB...29.44 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

All warnings and watches west of the mouth of the Pearl River have been discontinued. The Storm Surge Warning west of Biloxi has also been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Biloxi Mississippi to Dauphin Island

A Storm Surge Watch is in effect for...

* 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...

* 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 Hurricane Warning means that hurricane conditions are expected somewhere within the warning area.

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 PM CDT (0300 UTC), the center of Tropical Storm Gordon was located near latitude 30.3 North, longitude 88.4 West. Gordon is moving toward the northwest near 14 mph (22 km/h). A northwestward motion with some decrease in forward speed is expected over the next couple of days. On the forecast track, the center of Gordon will move inland across the lower Mississippi Valley through Wednesday. A turn toward the north-northwest and north is forecast to occur on Friday.

Maximum sustained winds are near 70 mph (110 km/h) with higher gusts. Rapid weakening is forecast after Gordon moves inland, and Gordon is forecast to become a tropical depression on Wednesday.

Tropical-storm-force winds extend outward up to 80 miles (130 km) from the center. A NOAA Coastal Marine Observing site on Dauphin Island, Alabama has measured a sustained wind of 57 mph (91 km/h) with a gust to 72 mph (117 km/h). A wind gust of 61 mph (98 km/h) was recently observed at the Pensacola Naval Air Station.

The latest minimum central pressure estimated from NOAA Hurricane Hunter aircraft data is 997 mb (29.44 inches).

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...

Mouth of the Mississippi River to Biloxi...1 to 3 ft.

Biloxi to the Alabama/Florida Border including Mobile Bay...2 to 4 ft.

Alabama/Florida Border to Navarre, Florida...1 to 3 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, 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 and hurricane conditions will continue to spread onshore during the next several hours within portions of the warning area.

TORNADOES: A couple of tornadoes are possible tonight near the coasts of Alabama and the western Florida Panhandle.

NEXT ADVISORY

Next intermediate advisory at 100 AM CDT.

Next complete advisory at 400 AM CDT.

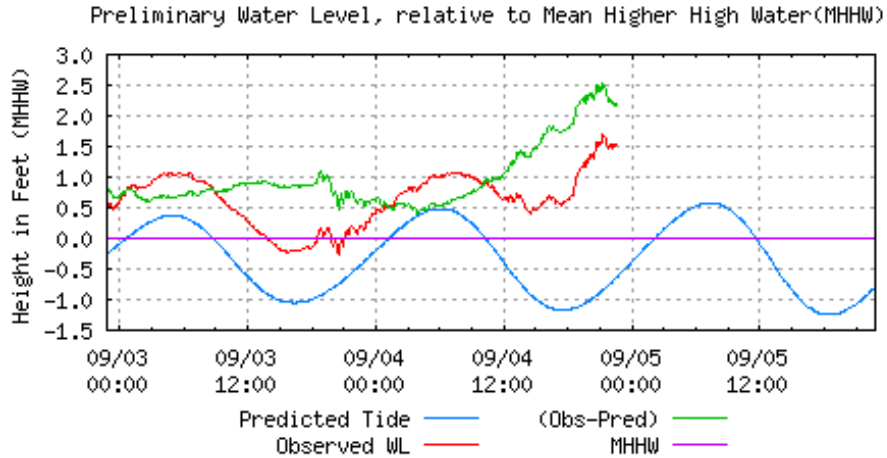
\$\$

Forecaster Brown

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.

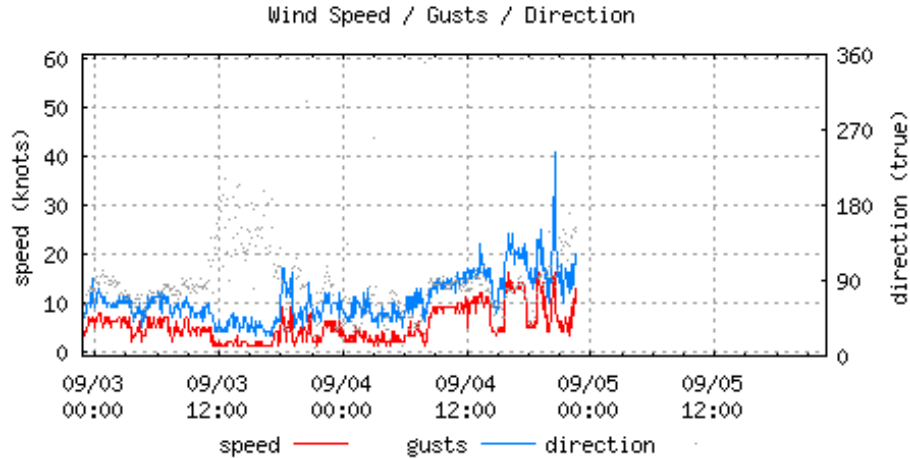
Jump to: [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula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

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 22:36 (CDT). Data relative to MHHW
Observed: 1.52 ft. Predicted: -0.63 ft. Residual: 2.15 ft.
 Historical Maximum Water Level: Sep 16 2004, 9.54 ft.
 Next High Tide: 09/05/2018 07:18 (CDT), 0.58 ft.

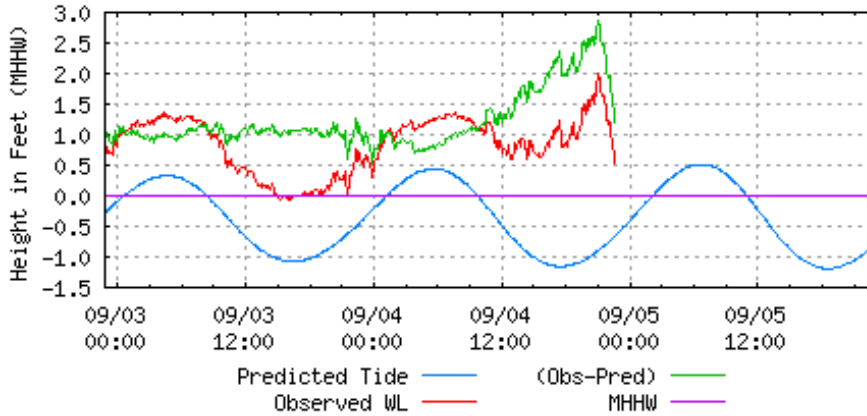
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 22:36 (CDT)
Wind Speed: 10 knots Gusts: 20 knots Direction: 149° T

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

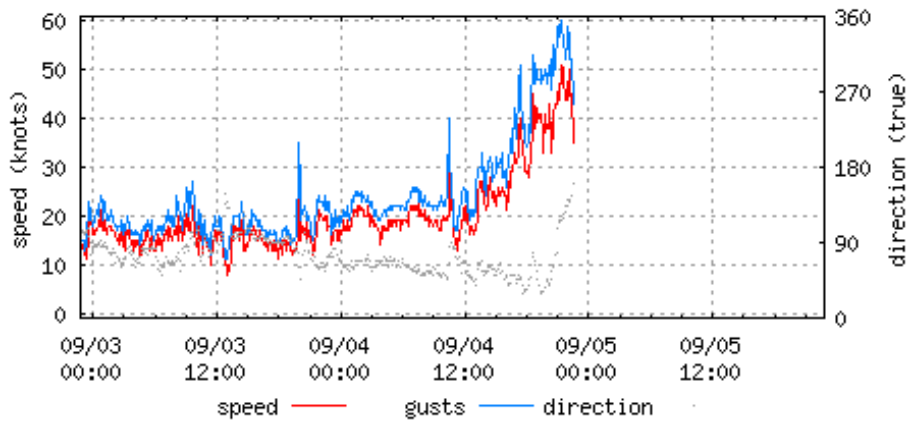
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 22:36 (CDT). Data relative to MHHW
Observed: 0.55 ft. Predicted: -0.65 ft. Residual: 1.20 ft.
 Historical Maximum Water Level: Sep 12 1979, 7.96 ft.
 Next High Tide: 09/05/2018 06:42 (CDT), 0.52 ft.

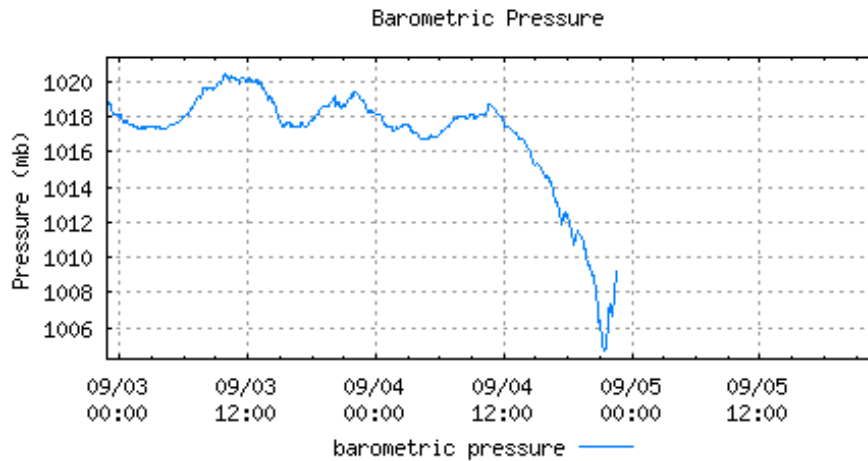
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 22:36 (CDT)
Wind Speed: 38 knots Gusts: 43 knots Direction: 161° T

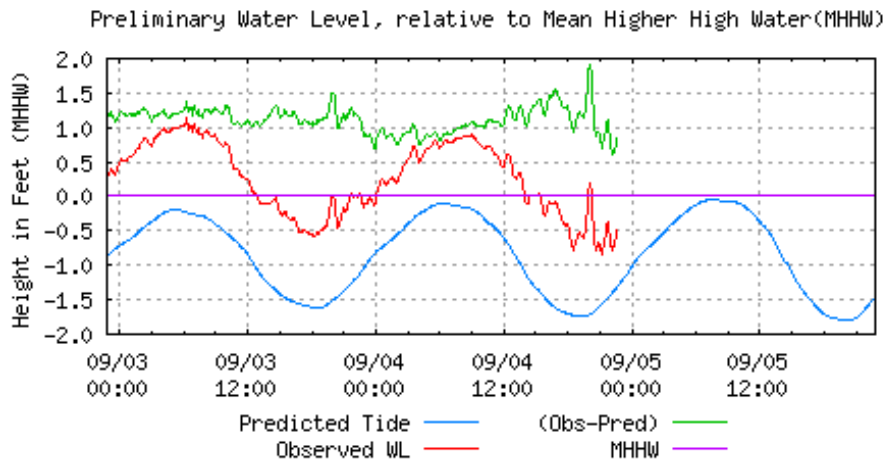
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 09/04/2018 22:36 (CDT)

Barometric Pressure: 1009.2 mb

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



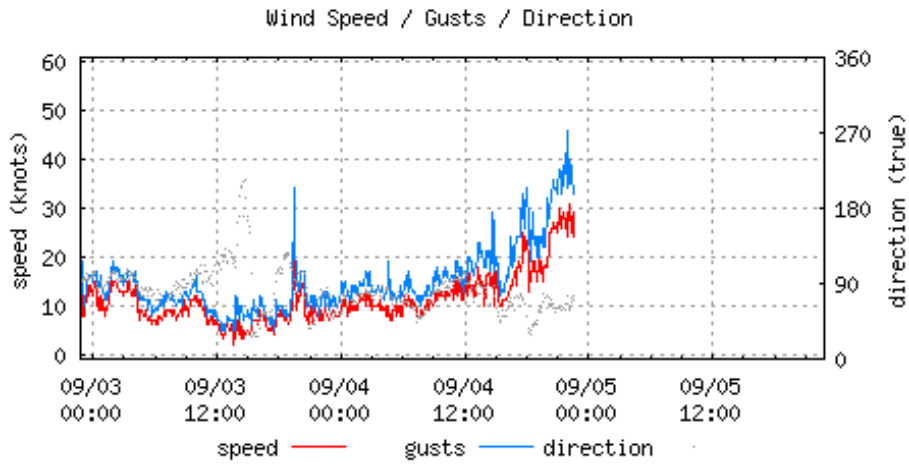
Last Observed Sample: 09/04/2018 22:42 (CDT). Data relative to MHHW

Observed: -0.41 ft. Predicted: -1.30 ft. Residual: 0.89 ft.

Historical Maximum Water Level: Oct 8 2017, 5.38 ft.

Next High Tide: 09/05/2018 07:24 (CDT), -0.05 ft.

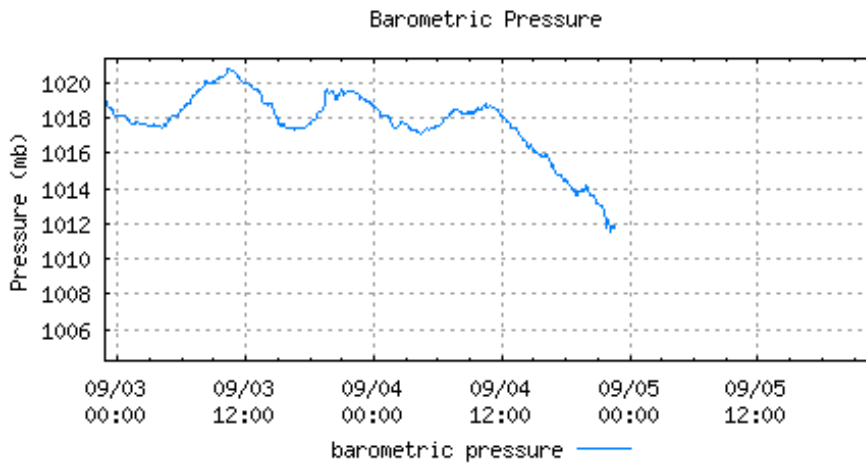
NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 09/04/2018 22:42 (CDT)

Wind Speed: 23 knots Gusts: 32 knots Direction: 76° T

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

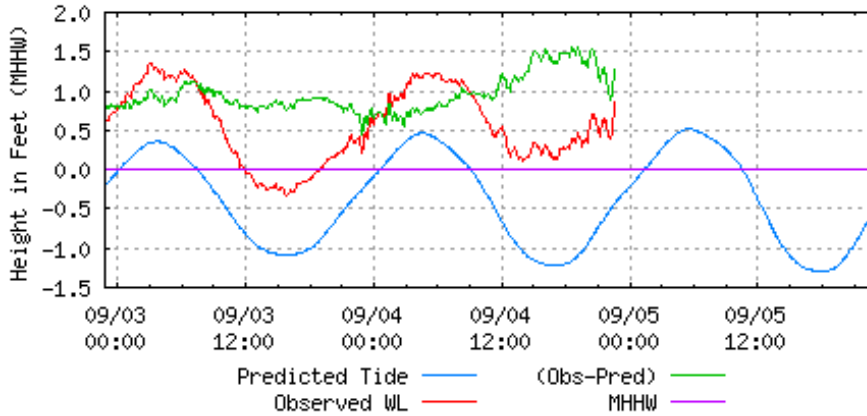


Last Observed Sample: 09/04/2018 22:42 (CDT)

Barometric Pressure: 1011.7 mb

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

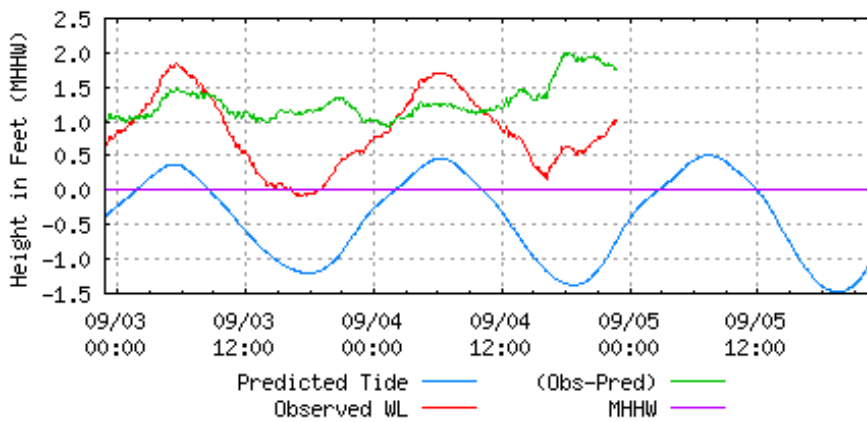
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 22:36 (CDT). Data relative to MHHW
Observed: 0.85 ft. Predicted: -0.43 ft. Residual: 1.28 ft.
 Historical Maximum Water Level: Oct 8 2017, 6.20 ft.
 Next High Tide: 09/05/2018 05:32 (CDT), 0.51 ft.

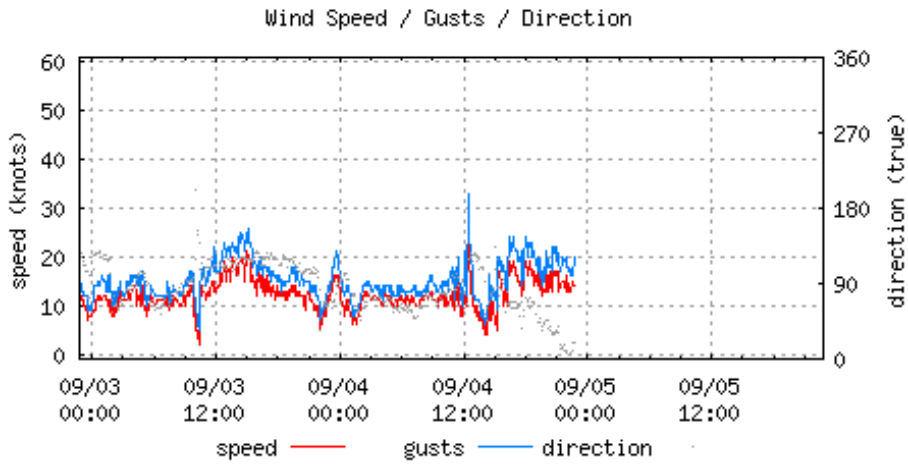
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

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



Last Observed Sample: 09/04/2018 22:48 (CDT). Data relative to MHHW
Observed: 1.03 ft. Predicted: -0.72 ft. Residual: 1.75 ft.
 Historical Maximum Water Level: Sep 1 2008, 9.10 ft.
 Next High Tide: 09/05/2018 07:21 (CDT), 0.51 ft.

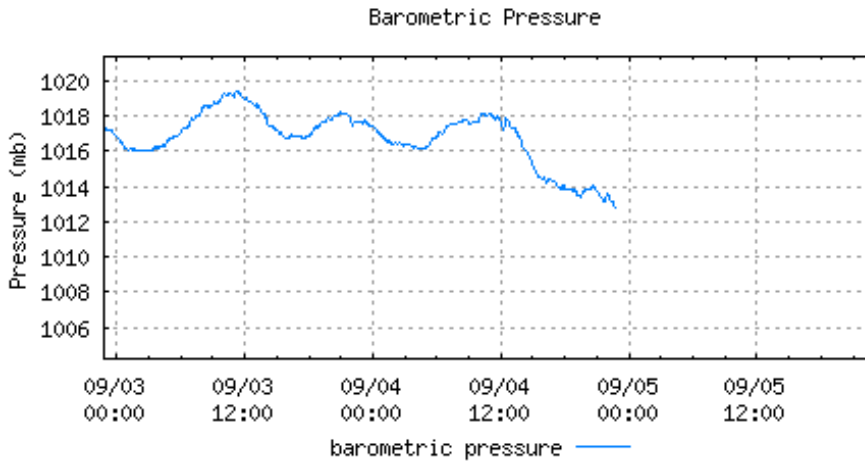
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 22:48 (CDT)

Wind Speed: 16 knots Gusts: 22 knots Direction: 13° T

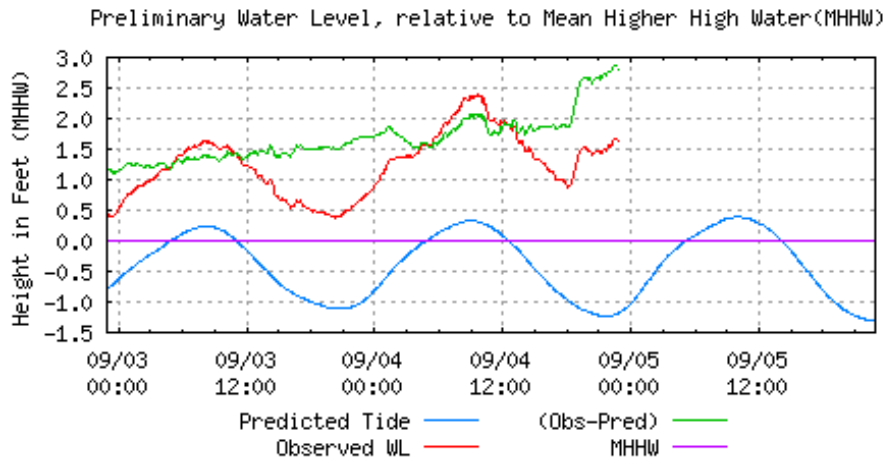
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 22:48 (CDT)

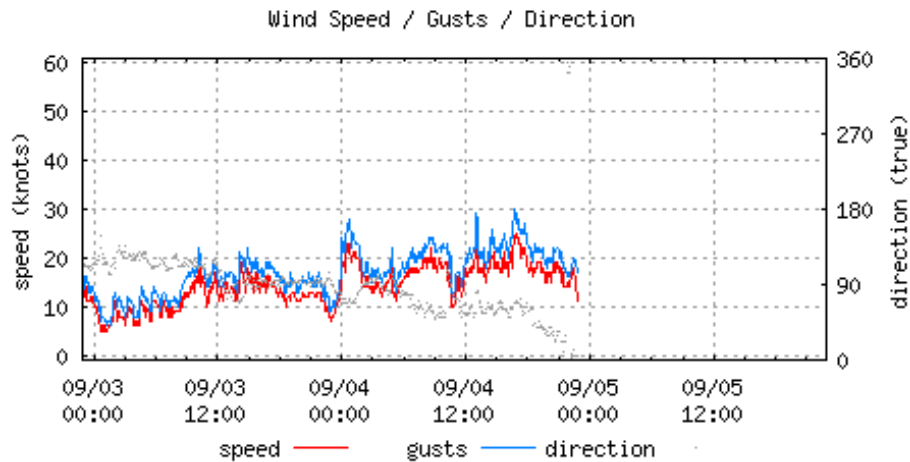
Barometric Pressure: 1012.6 mb

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



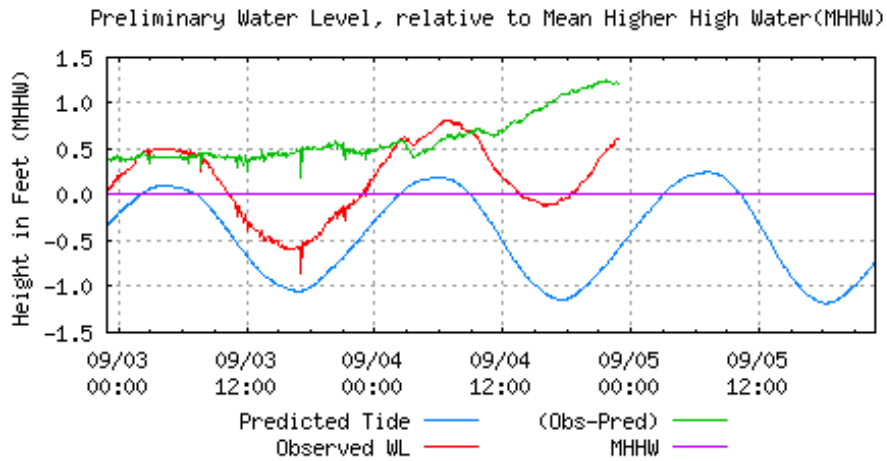
Last Observed Sample: 09/04/2018 22:48 (CDT). Data relative to MHHW
Observed: 1.62 ft. Predicted: -1.19 ft. Residual: 2.81 ft.
 Historical Maximum Water Level: Aug 29 2012, 9.37 ft.
 Next High Tide: 09/05/2018 10:00 (CDT), 0.39 ft.

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



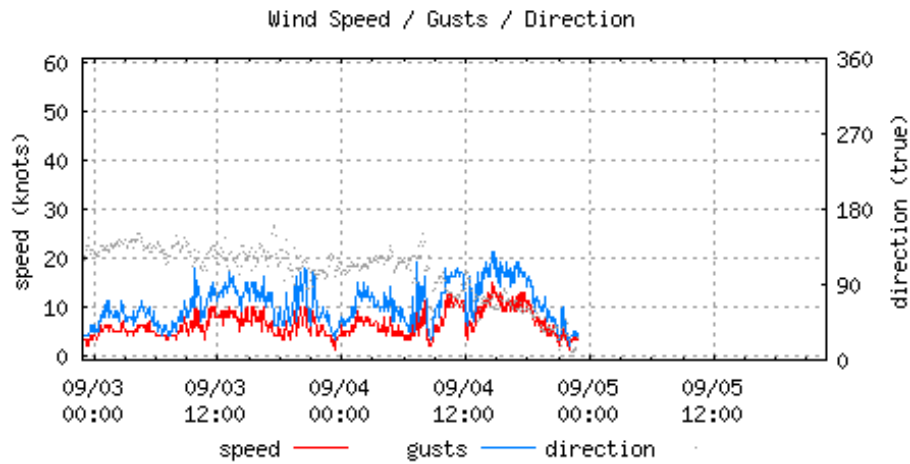
Last Observed Sample: 09/04/2018 22:48 (CDT)
Wind Speed: 11 knots Gusts: 17 knots Direction: 4° T

NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 09/04/2018 22:48 (CDT). Data relative to MHHW
Observed: 0.62 ft. Predicted: -0.60 ft. Residual: 1.22 ft.
 Historical Maximum Water Level: Aug 29 2012, 4.78 ft.
 Next High Tide: 09/05/2018 07:12 (CDT), 0.25 ft.

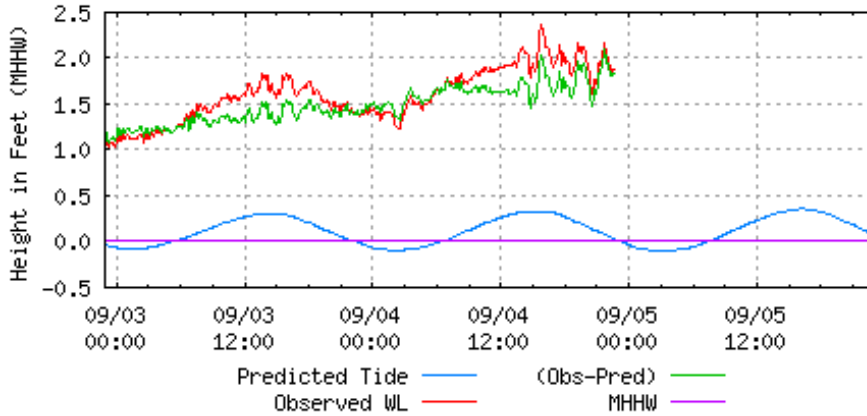
NOAA/NOS/CO-OPS 8760721 Pilottown, LA



Last Observed Sample: 09/04/2018 22:48 (CDT)
Wind Speed: 3 knots Gusts: 4 knots Direction: 26° T

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

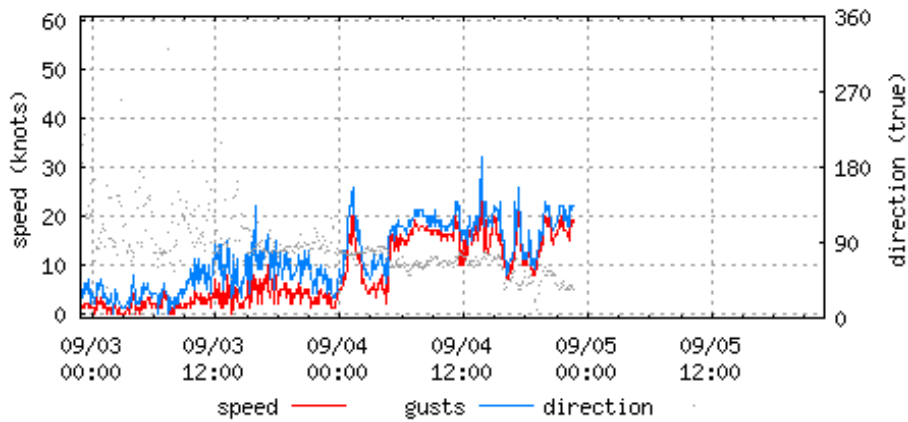
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 22:36 (CDT). Data relative to MHHW
Observed: 1.87 ft. Predicted: 0.03 ft. Residual: 1.84 ft.
 Historical Maximum Water Level: Aug 30 2012, 5.97 ft.
 Next High Tide: 09/05/2018 16:13 (CDT), 0.36 ft.

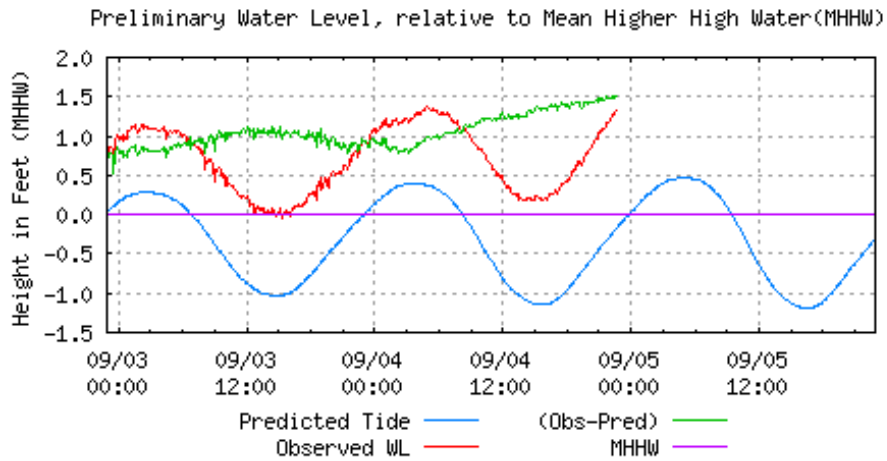
NOAA/NOS/CO-OPS 8761927 New Canal Station, LA

Wind Speed / Gusts / Direction



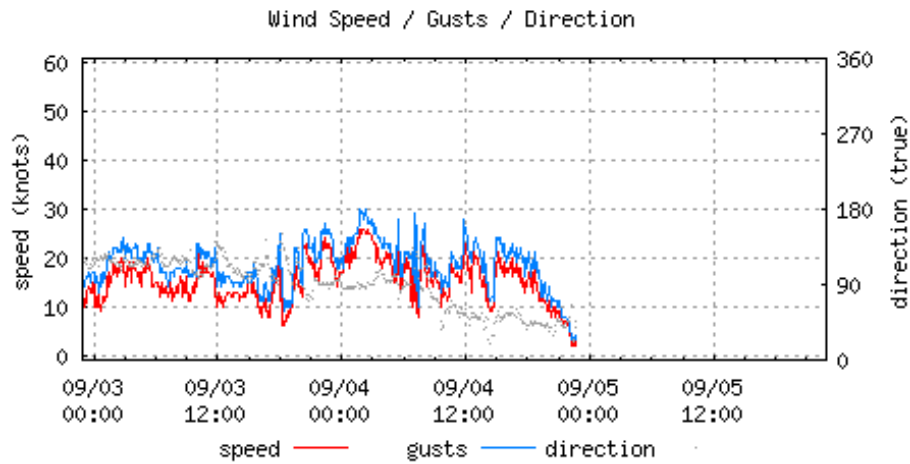
Last Observed Sample: 09/04/2018 22:36 (CDT)
Wind Speed: 19 knots Gusts: 22 knots Direction: 34° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 09/04/2018 22:42 (CDT). Data relative to MHHW
Observed: 1.33 ft. Predicted: -0.18 ft. Residual: 1.51 ft.
Historical Maximum Water Level: Aug 29 2005, 5.54 ft.
Next High Tide: 09/05/2018 04:59 (CDT), 0.47 ft.

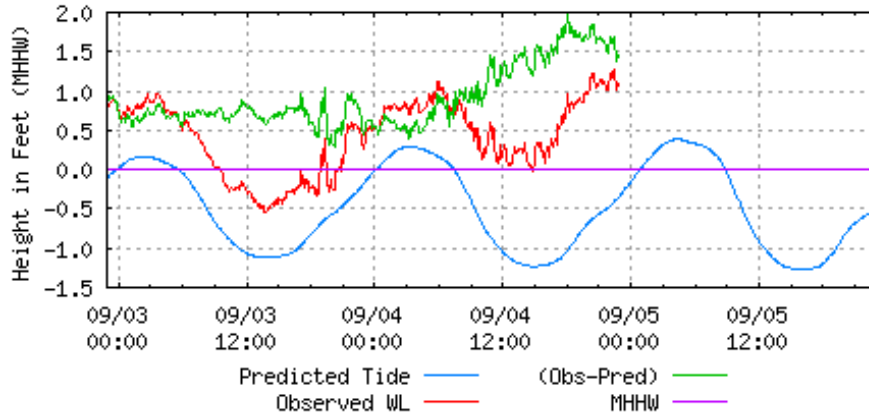
NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 09/04/2018 22:42 (CDT)
Wind Speed: 2 knots Gusts: 3 knots Direction: 45° T

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

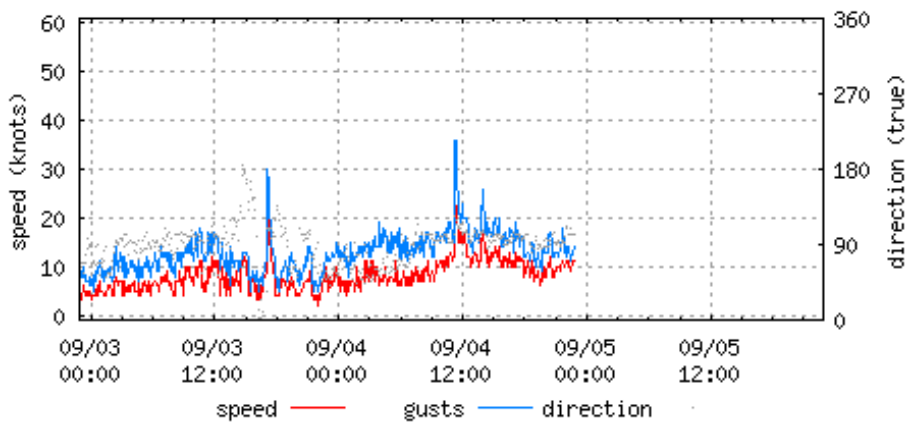
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 22:48 (CDT). Data relative to MHHW
Observed: 1.10 ft. Predicted: -0.36 ft. Residual: 1.46 ft.
 Historical Maximum Water Level: Oct 4 1995, 6.84 ft.
 Next High Tide: 09/05/2018 04:20 (CDT), 0.38 ft.

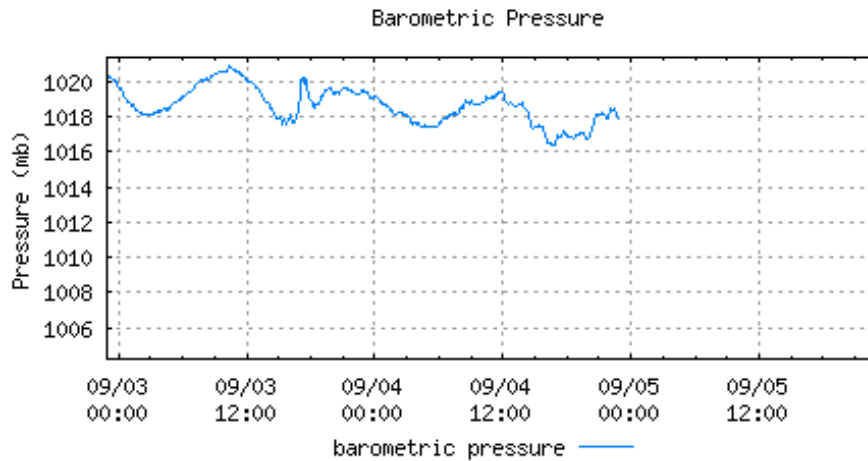
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 22:48 (CDT)
Wind Speed: 11 knots Gusts: 14 knots Direction: 101° T

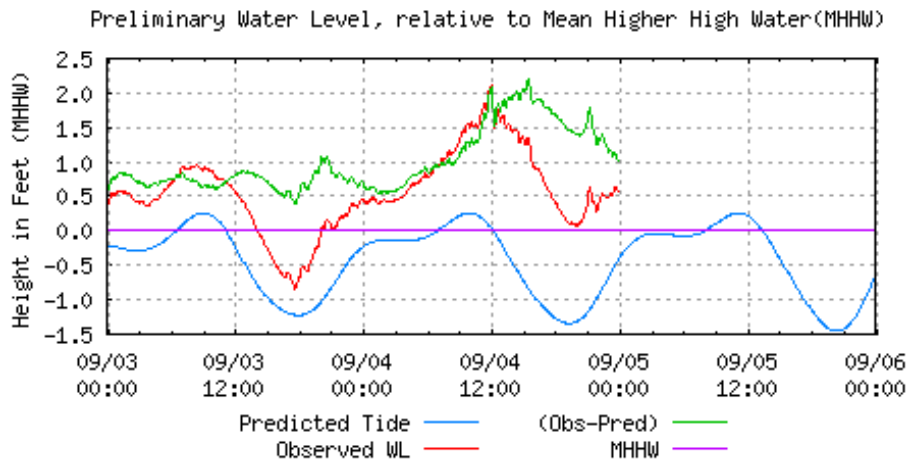
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/04/2018 22:48 (CDT)

Barometric Pressure: 1017.9 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



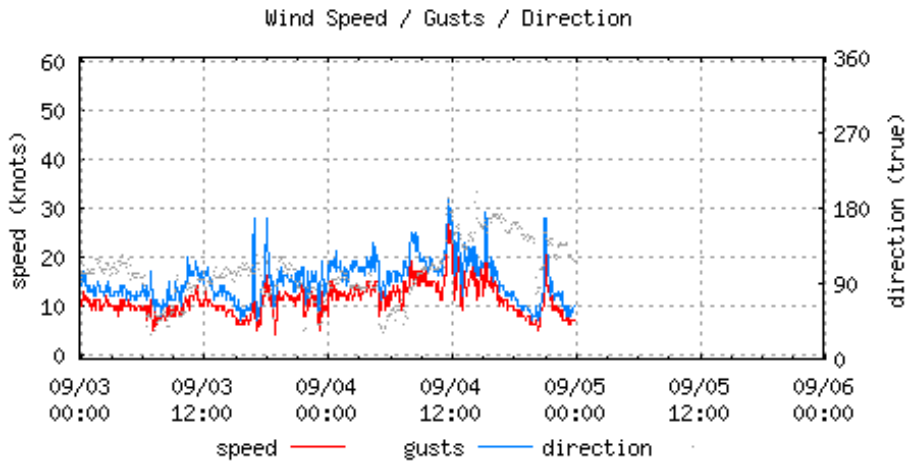
Last Observed Sample: 09/04/2018 23:48 (EDT). Data relative to MHHW

Observed: 0.59 ft. Predicted: -0.42 ft. Residual: 1.01 ft.

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

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

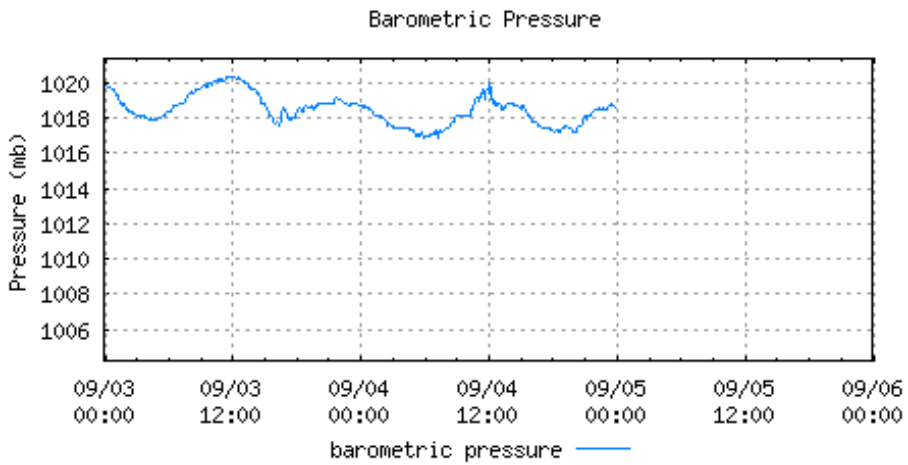
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 23:48 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 117° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 23:48 (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 22:36 (CDT)	1.52 ft	-0.63 ft	2.15 ft	1.69 ft
8735180	Dauphin Island, AL	09/04/2018 22:36 (CDT)	0.55 ft	-0.65 ft	1.20 ft	1.99 ft
8736897	Coast Guard Sector Mobile, AL	09/04/2018 22:42 (CDT)	-0.41 ft	-1.30 ft	0.89 ft	0.89 ft
8741533	Pascagoula NOAA Lab, MS	09/04/2018 22:36 (CDT)	0.85 ft	-0.43 ft	1.28 ft	1.22 ft
8747437	Bay Waveland Yacht Club, MS	09/04/2018 22:48 (CDT)	1.03 ft	-0.72 ft	1.75 ft	1.71 ft
8761305	Shell Beach, LA	09/04/2018 22:48 (CDT)	1.62 ft	-1.19 ft	2.81 ft	2.39 ft
8760721	Pilottown, LA	09/04/2018 22:48 (CDT)	0.62 ft	-0.60 ft	1.22 ft	0.82 ft
8761927	New Canal Station, LA	09/04/2018 22:36 (CDT)	1.87 ft	0.03 ft	1.84 ft	2.37 ft
8760922	Pilots Station East, S.W. Pass, LA	09/04/2018 22:42 (CDT)	1.33 ft	-0.18 ft	1.51 ft	1.38 ft
8729210	Panama City Beach, FL	09/04/2018 22:48 (CDT)	1.10 ft	-0.36 ft	1.46 ft	1.26 ft
8728690	Apalachicola, FL	09/04/2018 23:48 (EDT)	0.59 ft	-0.42 ft	1.01 ft	2.12 ft

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