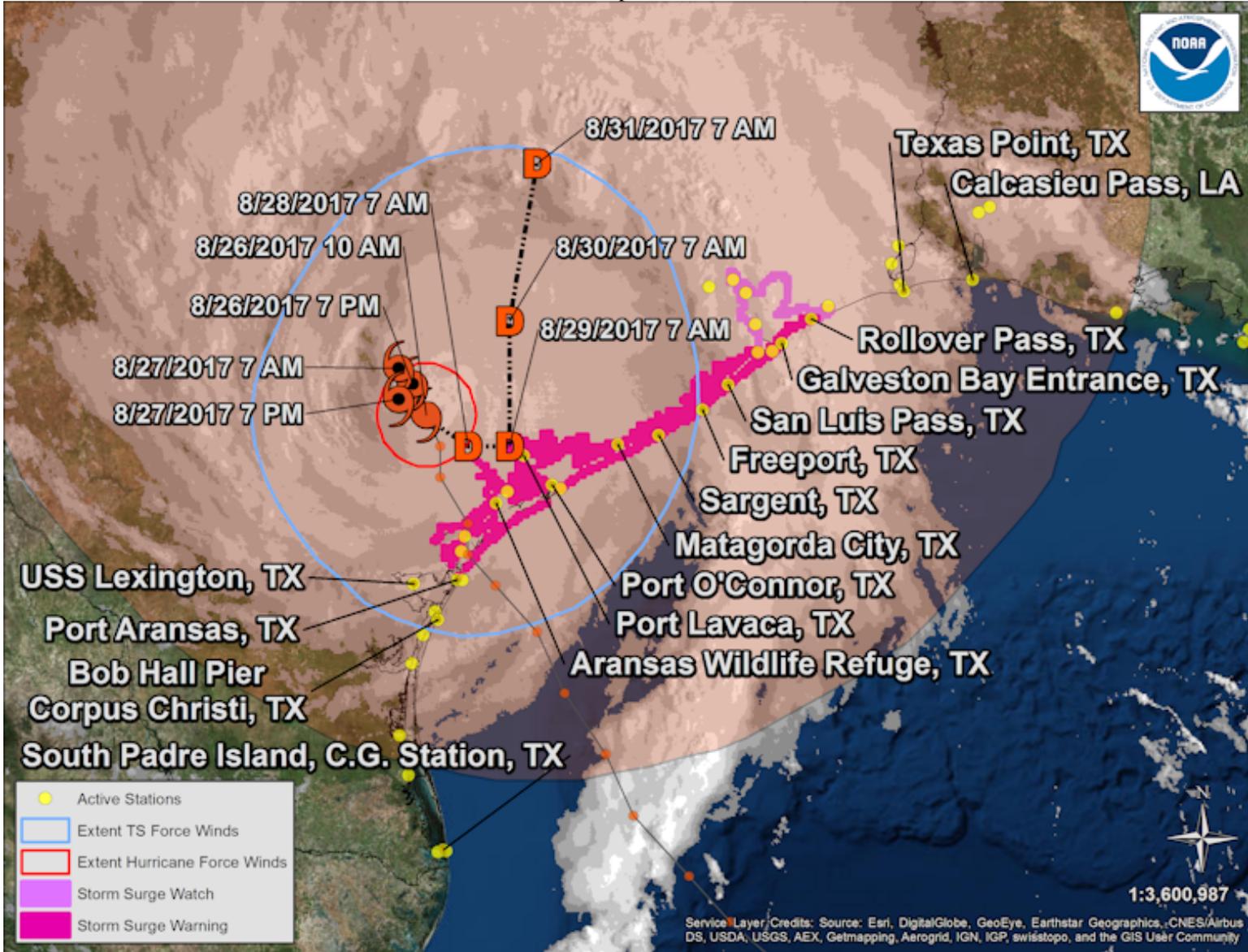




Hurricane HARVEY QuickLook
 Posted: 11:00 CDT 08/26/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 8/26/2017 1100 CDT, water levels along the Texas and Louisiana coastlines north and east of Harvey range from 1.5 to 5.1 feet above tidal predictions. Water levels continue to rise from Port O'Connor to western Louisiana. Water levels at stations to the south and west of Harvey where winds are more from the south and west are returning to normal. Winds continue to weaken as Harvey loses strength. Strongest winds remain along the central Texas coast with gusts in some areas still reaching 40 - 50 knots. Barometric pressure has rebounded in most areas.

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 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:

Hurricane Harvey Advisory Number 25
NWS National Hurricane Center Miami FL AL092017
1000 AM CDT Sat Aug 26 2017

...HARVEY DRENCHING TEXAS...
...TORRENTIAL RAINS WILL CONTINUE FOR A FEW MORE DAYS...

SUMMARY OF 1000 AM CDT...1500 UTC...INFORMATION

LOCATION...28.9N 97.3W
ABOUT 25 MI...35 KM W OF VICTORIA TEXAS
ABOUT 80 MI...130 KM ESE OF SAN ANTONIO TEXAS
MAXIMUM SUSTAINED WINDS...75 MPH...120 KM/H
PRESENT MOVEMENT...N OR 350 DEGREES AT 2 MPH...4 KM/H
MINIMUM CENTRAL PRESSURE...984 MB...29.06 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Storm Surge Warning for the Texas coast south of Port Aransas has been discontinued.

The Hurricane Warning for the Texas coast has been replaced with a Tropical Storm Warning.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Port Aransas to High Island Texas

A Tropical Storm Warning is in effect for...

* Baffin Bay to High Island Texas

Hurricane warnings continue for inland areas near the center of Harvey. Please see products from your local National Weather Service office.

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.

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

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 1000 AM CDT (1500 UTC), the center of Hurricane Harvey was located near latitude 28.9 North, longitude 97.3 West. Harvey is moving slowly toward the north near 2 mph (4 km/h), and little motion is anticipated during the next several days.

Maximum sustained winds have decreased to near 75 mph (120 km/h) with higher gusts. These winds are confined to a small area near the center. Weakening is forecast during the next 48 hours, and Harvey is expected to become a tropical storm this afternoon.

Hurricane-force winds extend outward up to 25 miles (35 km) from the center and tropical-storm-force winds extend outward up to 140 miles (220 km).

The estimated minimum central pressure is 984 mb (29.06 inches).

HAZARDS AFFECTING LAND

RAINFALL: Harvey is expected to produce total rain accumulations of 15 to 30 inches and isolated maximum amounts of 40 inches over the middle and upper Texas coast through Thursday. During the same time period Harvey is expected to produce total rain accumulations of 5 to 15 inches in far south Texas, the Texas Hill Country and southwest and central Louisiana. Rainfall of this magnitude will cause catastrophic and life-threatening flooding. A list of rainfall observations compiled by the NOAA Weather Prediction Center can be found at:
www.wpc.ncep.noaa.gov/discussions/nfdsccl.html

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 is expected to reach the following heights above ground if the peak surge occurs at the time of high tide...

Port Aransas to Sargent...4 to 7 ft
Sargent to High Island including Galveston Bay...2 to 4 ft
High Island to Morgan City...1 to 3 ft

The deepest water will occur along the immediate coast near the area of onshore winds, where the surge will be accompanied by large and destructive 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.

WIND: Hurricane conditions are occurring inland near the core of Harvey. Tropical storm conditions are occurring in portions of the tropical storm warning area, and are likely to persist along portions of the coast through at least Sunday.

SURF: Swells generated by Harvey are affecting the Texas, Louisiana, and northeast Mexico coasts. These swells are likely to cause life-threatening surf and rip current conditions. Please consult products from your local weather office.

TORNADOES: Tornadoes are possible today and tonight near the middle and upper Texas coast into far southwest Louisiana.

NEXT ADVISORY

Next intermediate advisory at 100 PM CDT.
Next complete advisory at 400 PM CDT.

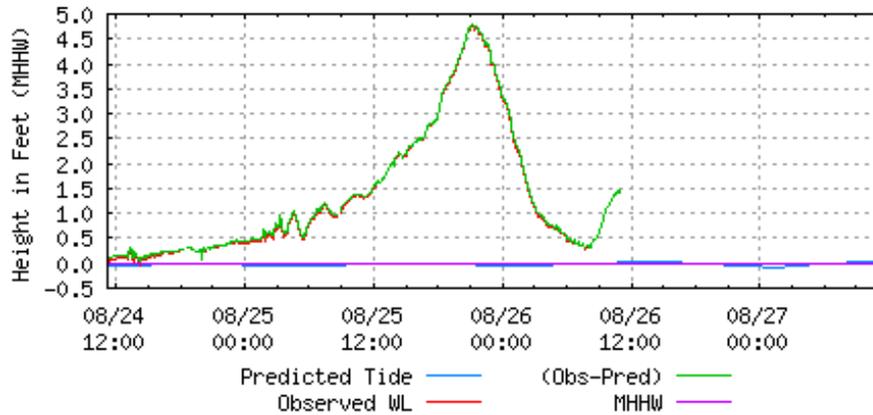
Forecaster Avila/Lapenta

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: [Aransas Wildlife Refuge - Water Level](#), [Aransas Wildlife Refuge - Winds](#), [Aransas Wildlife Refuge - Barometric](#), [Port Lavaca - Water Level](#), [Port Lavaca - Winds](#), [Port Lavaca - Barometric](#), [Port O'Connor - Water Level](#), [Port O'Connor - Winds](#), [Port O'Connor - Barometric](#), [Matagorda City - Water Level](#), [Matagorda City - Winds](#), [Matagorda City - Barometric](#), [Sargent - Water Level](#), [Sargent - Winds](#), [Sargent - Barometric](#), [Freeport - Water Level](#), [Freeport - Winds](#), [Freeport - Barometric](#), [San Luis Pass - Water Level](#), [San Luis Pass - Winds](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Rollover Pass - Water Level](#), [Rollover Pass - Winds](#), [Rollover Pass - Barometric](#), [Texas Point, Sabine Pass - Water Level](#), [Texas Point, Sabine Pass - Winds](#), [Texas Point, Sabine Pass - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [USS Lexington - Water Level](#), [USS Lexington - Barometric](#), [Port Aransas - Water Level](#), [Port Aransas - Winds](#), [Port Aransas - Barometric](#), [Bob Hall Pier, Corpus Christi - Water Level](#), [Bob Hall Pier, Corpus Christi - Winds](#), [Bob Hall Pier, Corpus Christi - Barometric](#), [South Padre Island CG Station - Water Level](#), [South Padre Island CG Station - Winds](#), [South Padre Island CG Station - Barometric](#)

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX

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



Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW

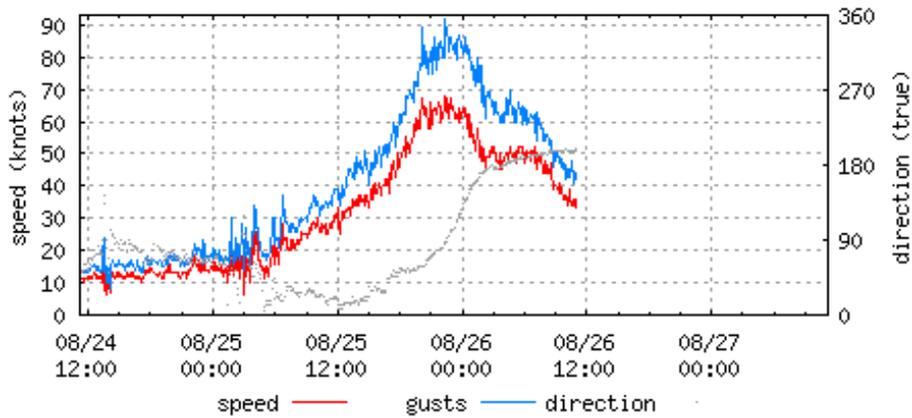
Observed: 1.46 ft. Predicted: 0.02 ft. Residual: 1.44 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2017 12:43 (CDT), 0.02 ft.

NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX

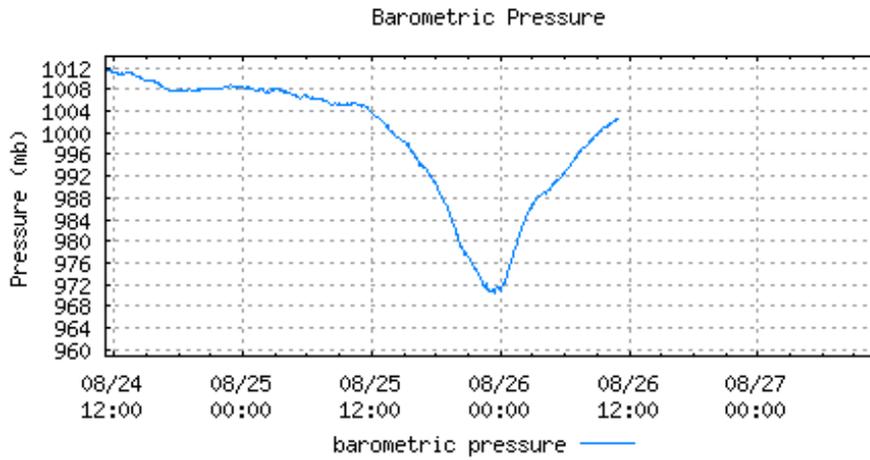
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2017 11:06 (CDT)

Wind Speed: 33 knots Gusts: 43 knots Direction: 196° T

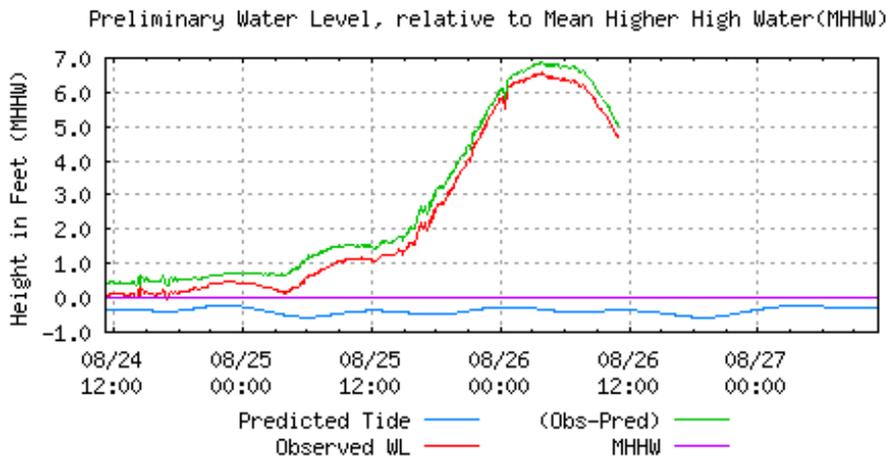
NOAA/NOS/CO-OPS 8774230 Aransas Wildlife Refuge, TX



Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1002.6 mb

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX



Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW

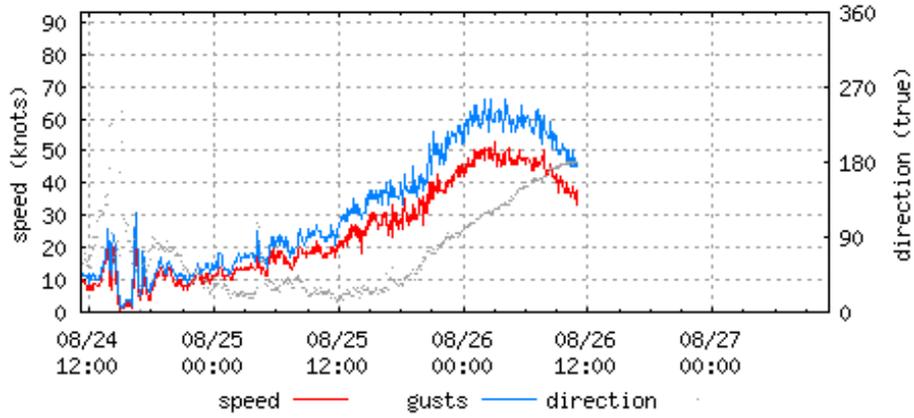
Observed: 4.63 ft. Predicted: -0.36 ft. Residual: 4.99 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2017 11:13 (CDT), -0.36 ft.

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX

Wind Speed / Gusts / Direction

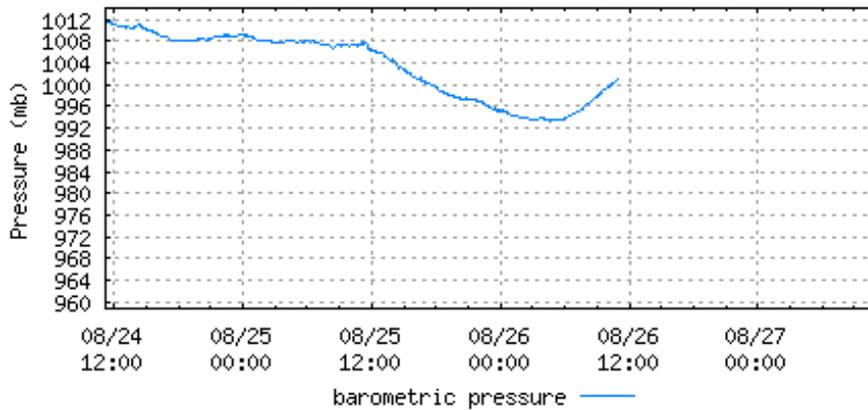


Last Observed Sample: 08/26/2017 11:06 (CDT)

Wind Speed: 36 knots Gusts: 45 knots Direction: 181° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca, TX

Barometric Pressure

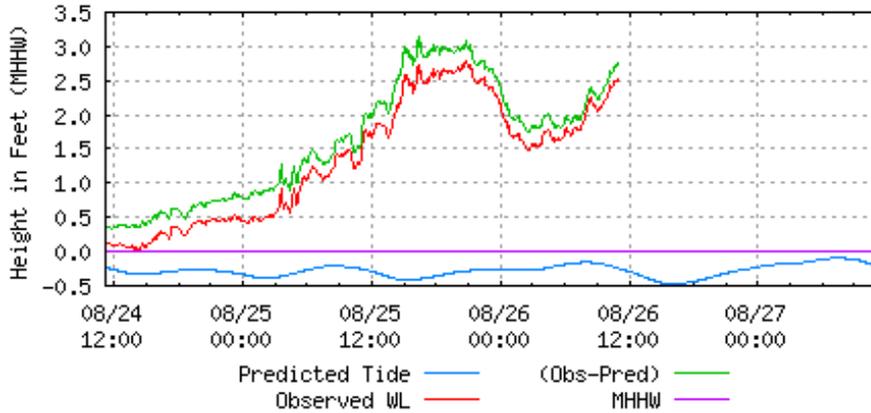


Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1001.0 mb

NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX

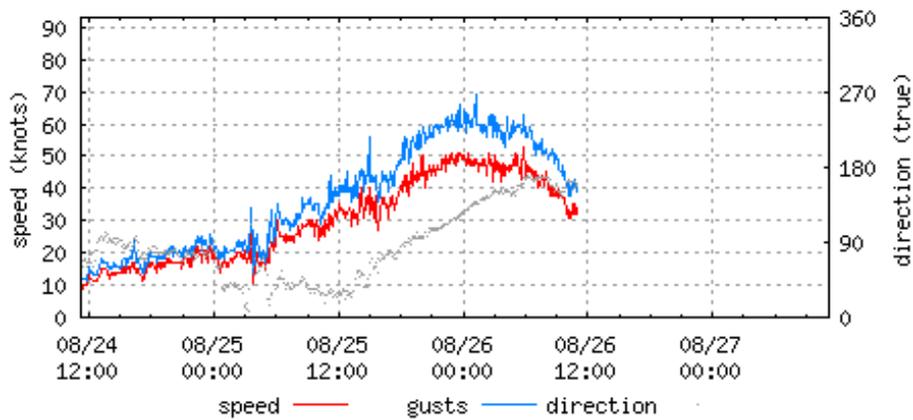
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW
Observed: 2.51 ft. Predicted: -0.25 ft. Residual: 2.76 ft.
 Historical Maximum Water Level: n/a
 Next High Tide: 08/27/2017 07:26 (CDT), -0.09 ft.

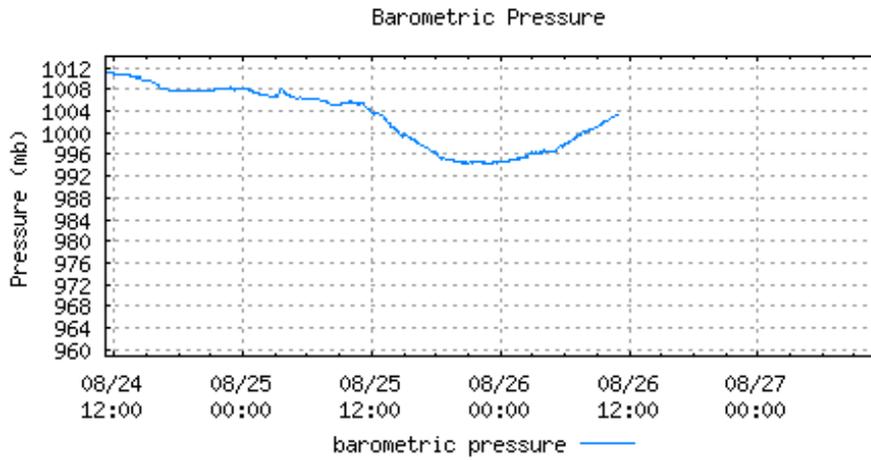
NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX

Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2017 11:06 (CDT)
Wind Speed: 35 knots Gusts: 41 knots Direction: 162° T

NOAA/NOS/CO-OPS 8773701 Port O'Connor, TX

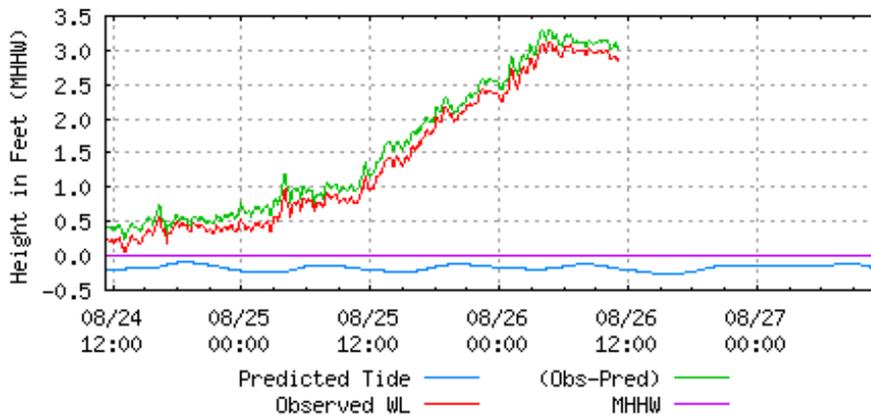


Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1003.5 mb

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

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



Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW

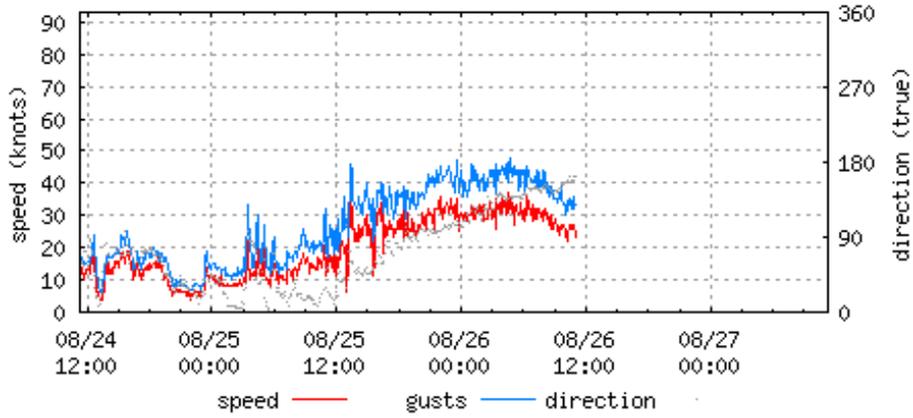
Observed: 2.88 ft. Predicted: -0.18 ft. Residual: 3.06 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 00:47 (CDT), -0.13 ft.

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

Wind Speed / Gusts / Direction

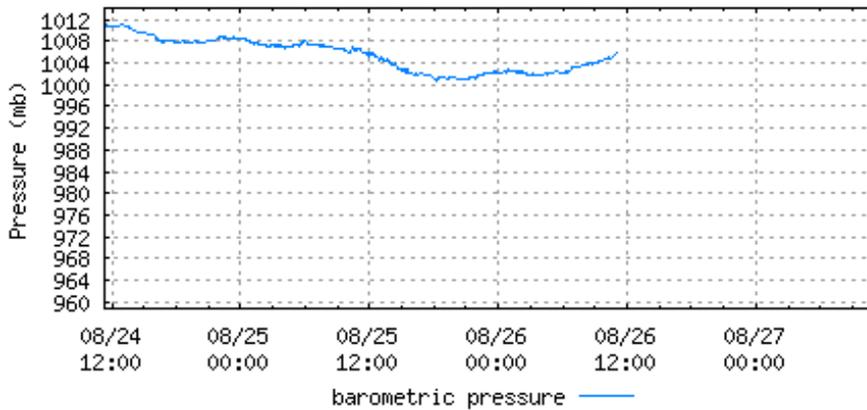


Last Observed Sample: 08/26/2017 11:06 (CDT)

Wind Speed: 25 knots Gusts: 33 knots Direction: 164° T

NOAA/NOS/CO-OPS 8773146 Matagorda City, TX

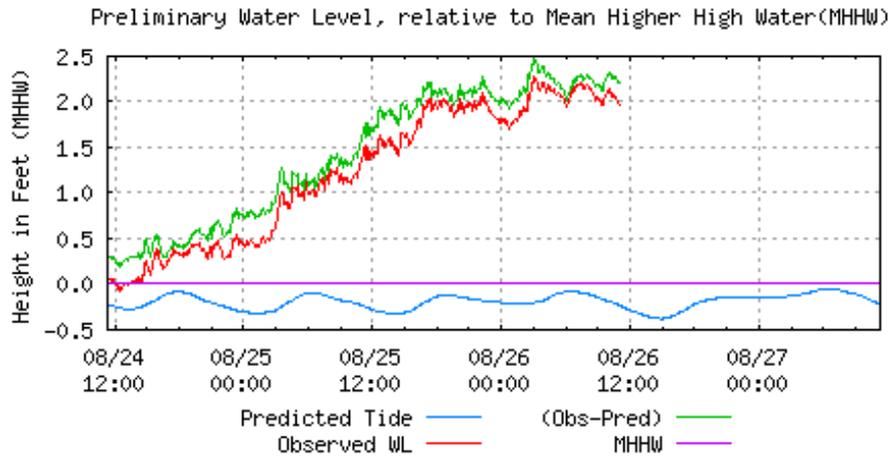
Barometric Pressure



Last Observed Sample: 08/26/2017 11:06 (CDT)

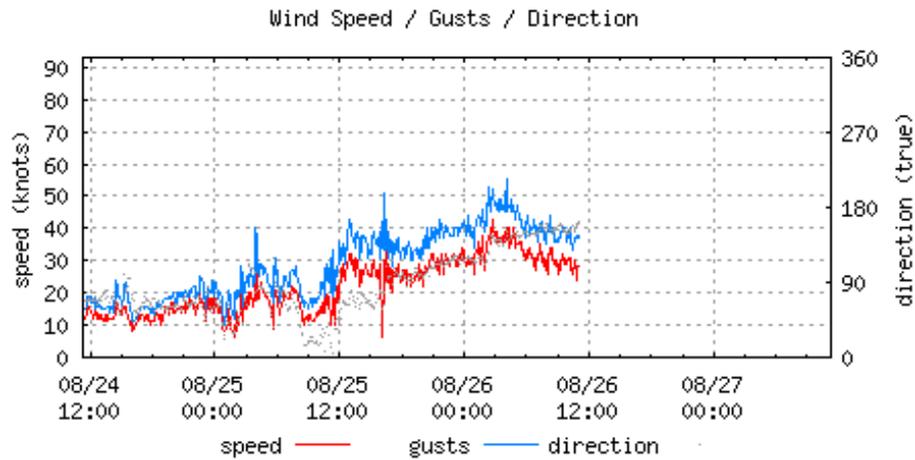
Barometric Pressure: 1005.7 mb

NOAA/NOS/CO-OPS 8772985 Sargent, TX



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW
Observed: 2.01 ft. Predicted: -0.24 ft. Residual: 2.25 ft.
 Historical Maximum Water Level: n/a
 Next High Tide: 08/27/2017 06:30 (CDT), -0.05 ft.

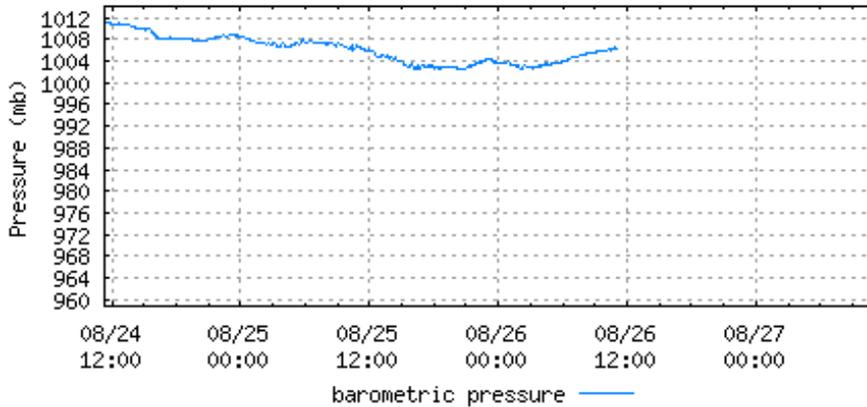
NOAA/NOS/CO-OPS 8772985 Sargent, TX



Last Observed Sample: 08/26/2017 11:12 (CDT)
Wind Speed: 29 knots Gusts: 36 knots Direction: 157° T

NOAA/NOS/CO-OPS 8772985 Sargent, TX

Barometric Pressure

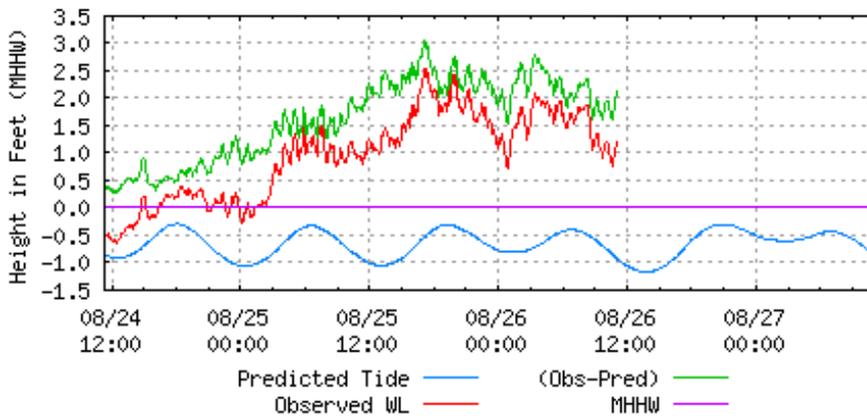


Last Observed Sample: 08/26/2017 11:12 (CDT)

Barometric Pressure: 1006.5 mb

NOAA/NOS/CO-OPS 8772447 Freeport, TX

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



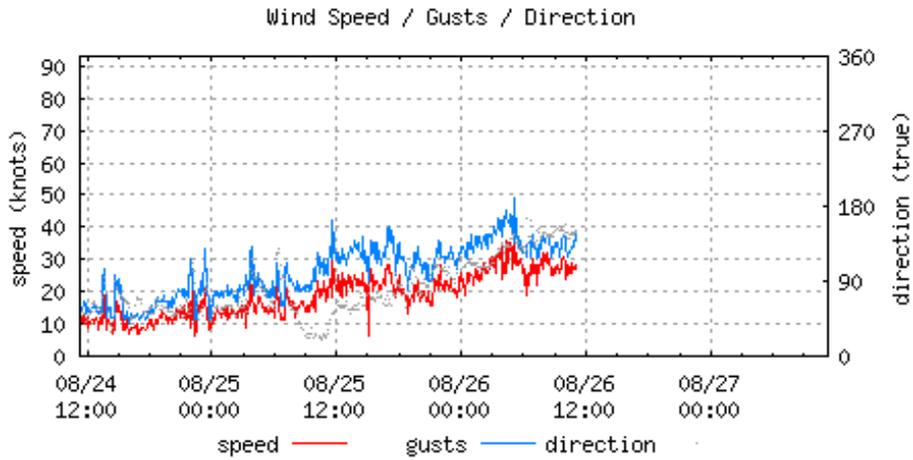
Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW

Observed: 1.20 ft. Predicted: -0.93 ft. Residual: 2.13 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 08/26/2017 20:57 (CDT), -0.31 ft.

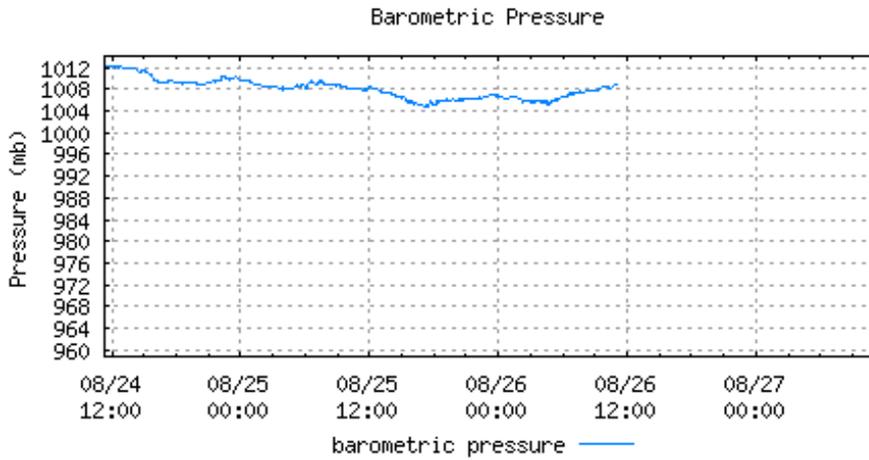
NOAA/NOS/CO-OPS 8772447 Freeport, TX



Last Observed Sample: 08/26/2017 11:06 (CDT)

Wind Speed: 27 knots Gusts: 36 knots Direction: 149° T

NOAA/NOS/CO-OPS 8772447 Freeport, TX

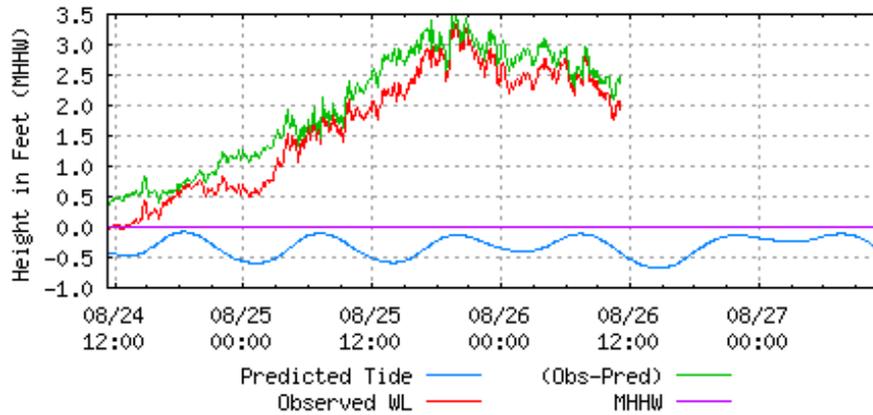


Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1008.9 mb

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX

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



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW

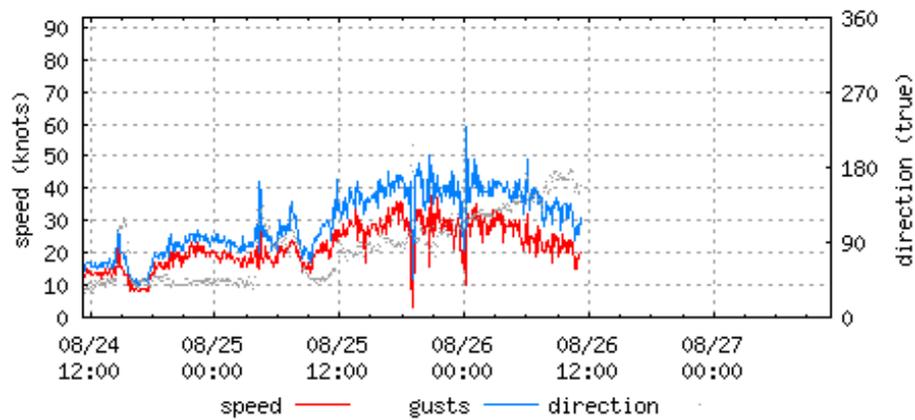
Observed: 2.05 ft. Predicted: -0.42 ft. Residual: 2.47 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2017 21:59 (CDT), -0.14 ft.

NOAA/NOS/CO-OPS 8771972 San Luis Pass, TX

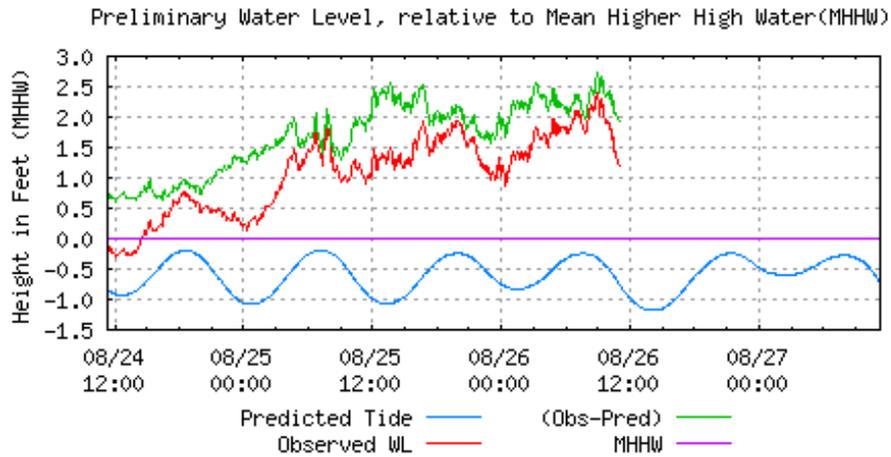
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2017 11:12 (CDT)

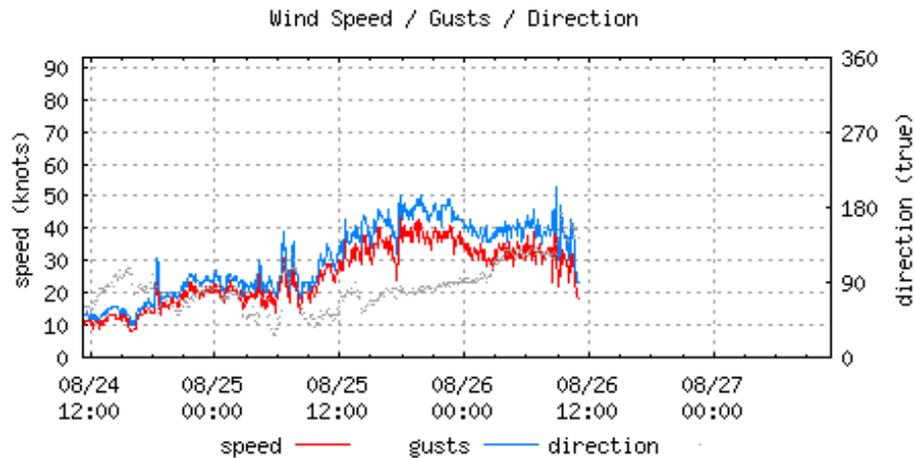
Wind Speed: 20 knots Gusts: 31 knots Direction: 159° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



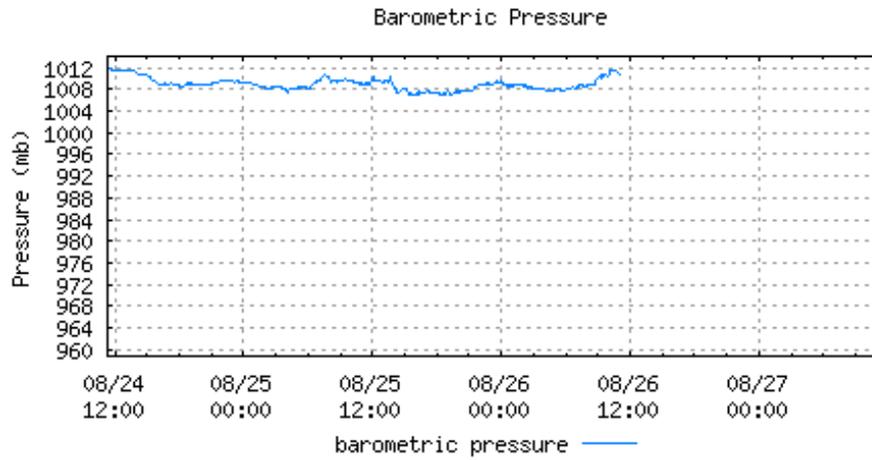
Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW
Observed: 1.19 ft. Predicted: -0.77 ft. Residual: 1.96 ft.
 Historical Maximum Water Level: Jul 15 2003, 4.08 ft.
 Next High Tide: 08/26/2017 21:25 (CDT), -0.24 ft.

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



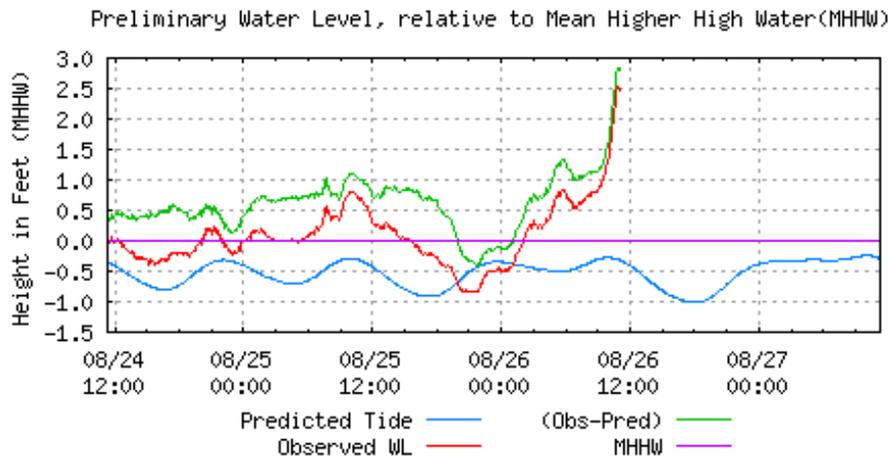
Last Observed Sample: 08/26/2017 11:06 (CDT)
Wind Speed: 19 knots Gusts: 22 knots Direction: 153° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, North Jetty, TX



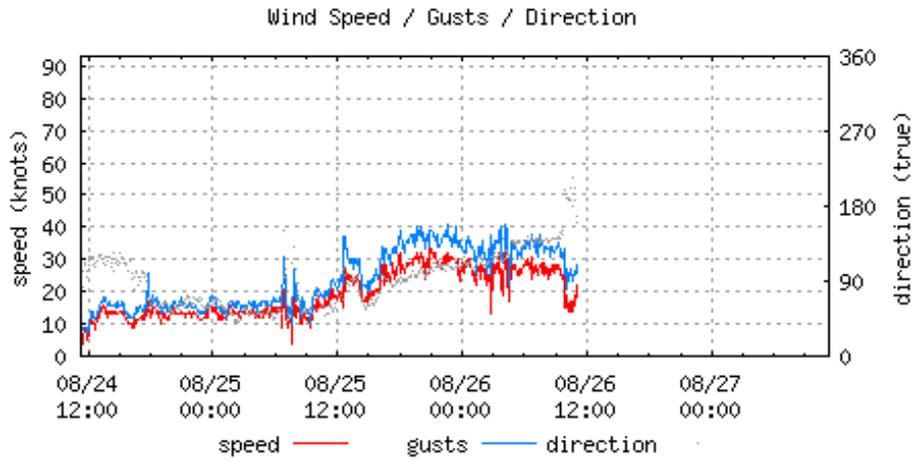
Last Observed Sample: 08/26/2017 11:06 (CDT)
 Barometric Pressure: 1010.8 mb

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW
 Observed: 2.47 ft. Predicted: -0.34 ft. Residual: 2.81 ft.
 Historical Maximum Water Level: n/a
 Next High Tide: 08/27/2017 10:02 (CDT), -0.24 ft.

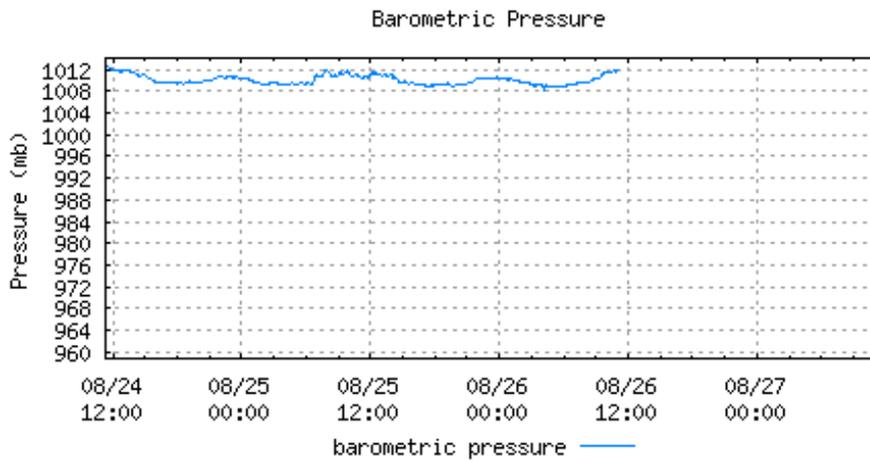
NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX



Last Observed Sample: 08/26/2017 11:12 (CDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 150° T

NOAA/NOS/CO-OPS 8770971 Rollover Pass, TX

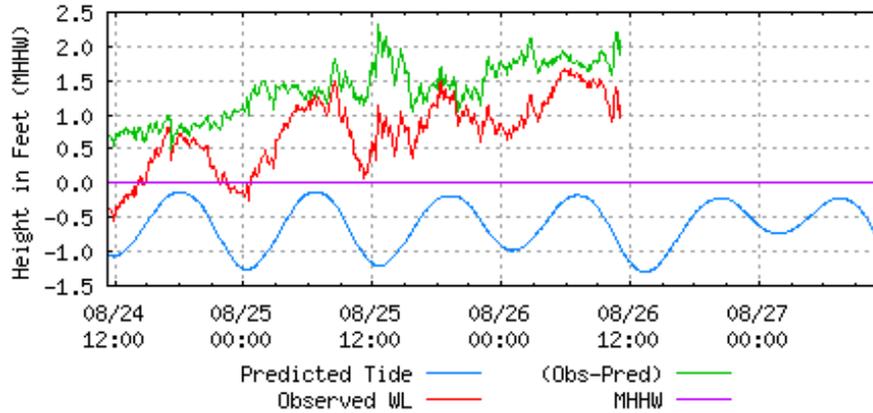


Last Observed Sample: 08/26/2017 11:12 (CDT)

Barometric Pressure: 1011.7 mb

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

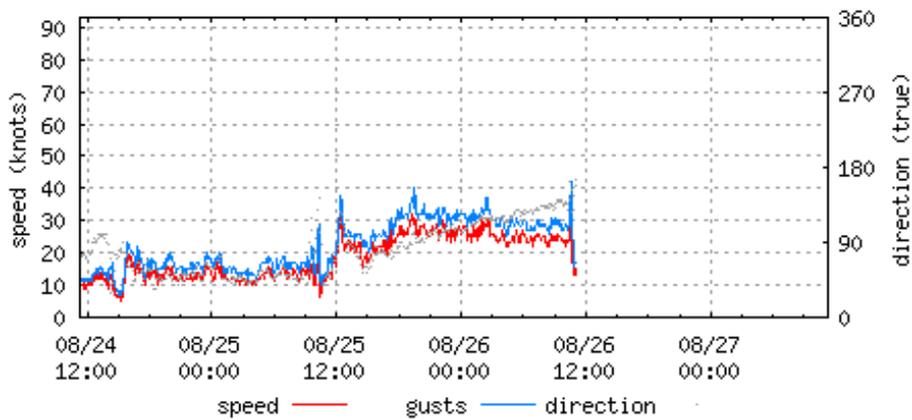
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW
Observed: 1.15 ft. Predicted: -0.97 ft. Residual: 2.12 ft.
 Historical Maximum Water Level: Mar 20 2012, 1.91 ft.
 Next High Tide: 08/26/2017 20:32 (CDT), -0.22 ft.

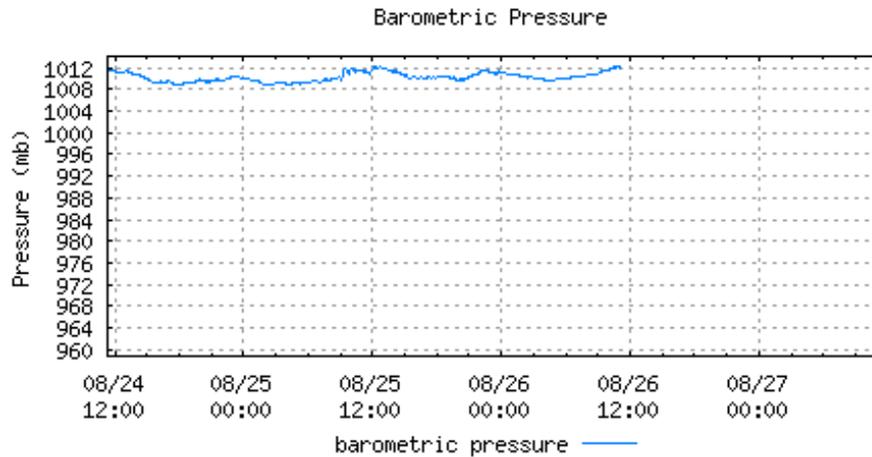
NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2017 11:12 (CDT)
Wind Speed: 21 knots Gusts: 25 knots Direction: 144° T

NOAA/NOS/CO-OPS 8770822 Texas Point, Sabine Pass, TX

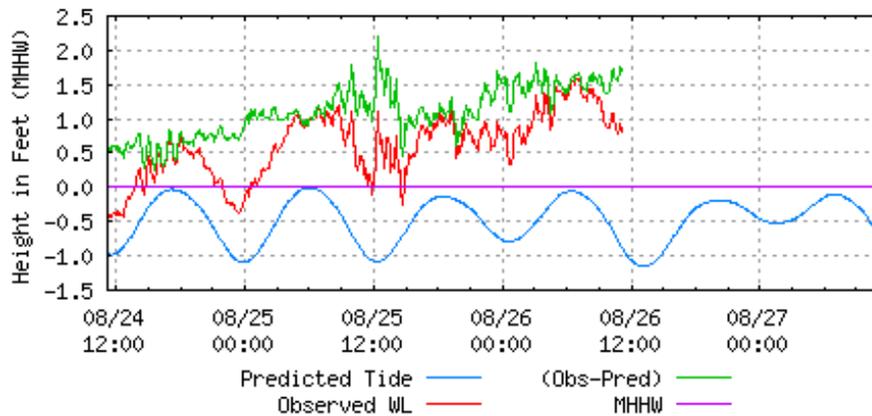


Last Observed Sample: 08/26/2017 11:12 (CDT)

Barometric Pressure: 1011.9 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

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



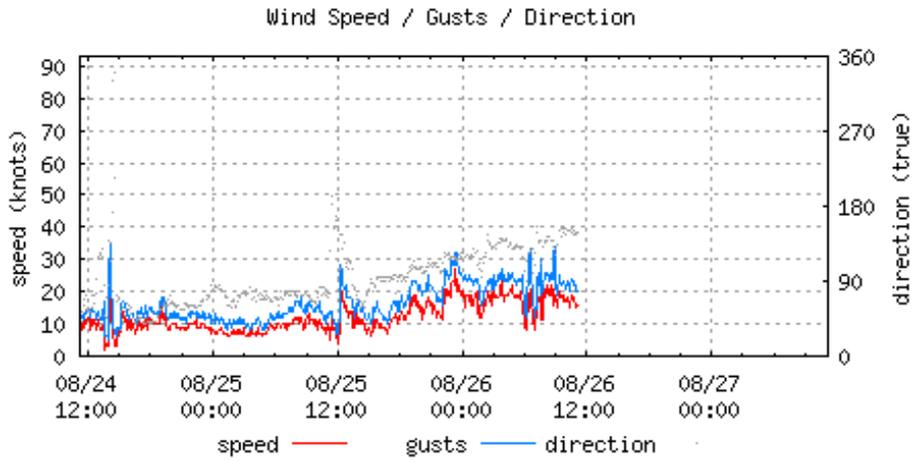
Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW

Observed: 0.82 ft. Predicted: -0.87 ft. Residual: 1.69 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 08/26/2017 20:19 (CDT), -0.19 ft.

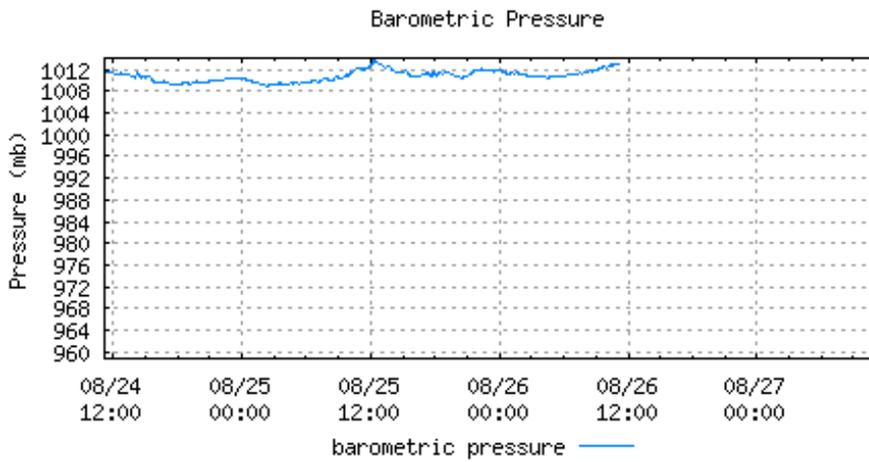
NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA



Last Observed Sample: 08/26/2017 11:06 (CDT)

Wind Speed: 16 knots Gusts: 20 knots Direction: 148° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

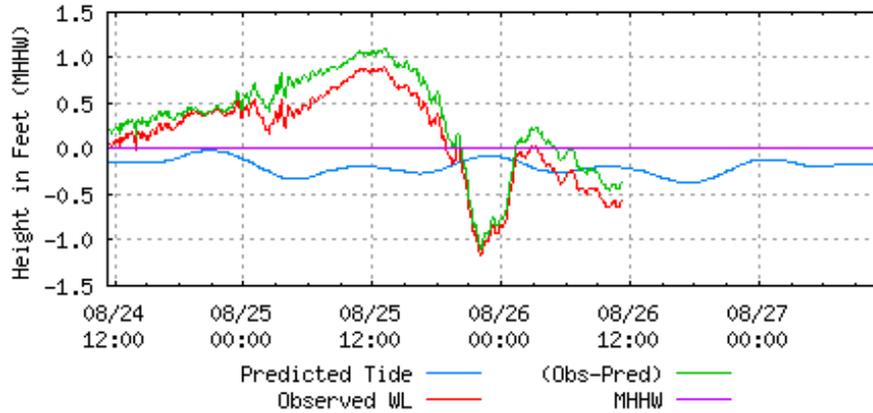


Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1012.9 mb

NOAA/NOS/CO-OPS 8775296 USS Lexington, TX

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



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW

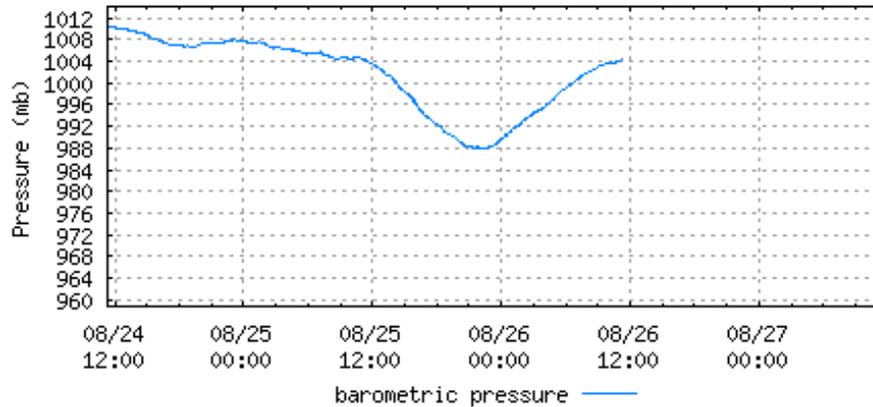
Observed: -0.56 ft. Predicted: -0.20 ft. Residual: -0.36 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/27/2017 00:50 (CDT), -0.11 ft.

NOAA/NOS/CO-OPS 8775296 USS Lexington, TX

Barometric Pressure

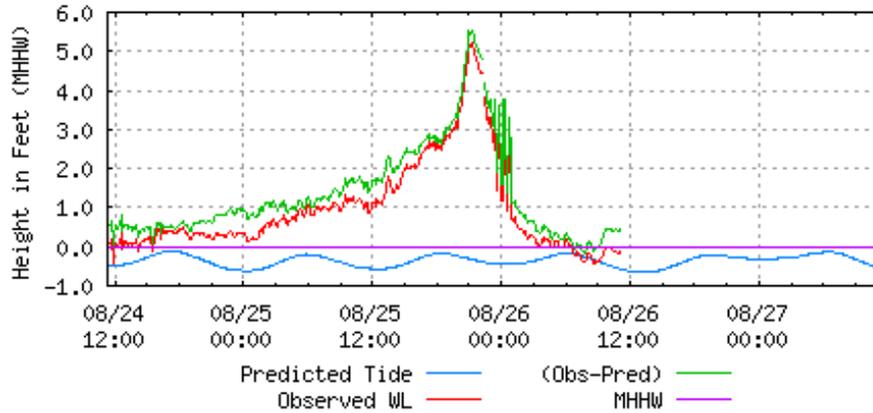


Last Observed Sample: 08/26/2017 11:12 (CDT)

Barometric Pressure: 1004.2 mb

NOAA/NOS/CO-OPS 8775237 Port Aransas, TX

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



Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW

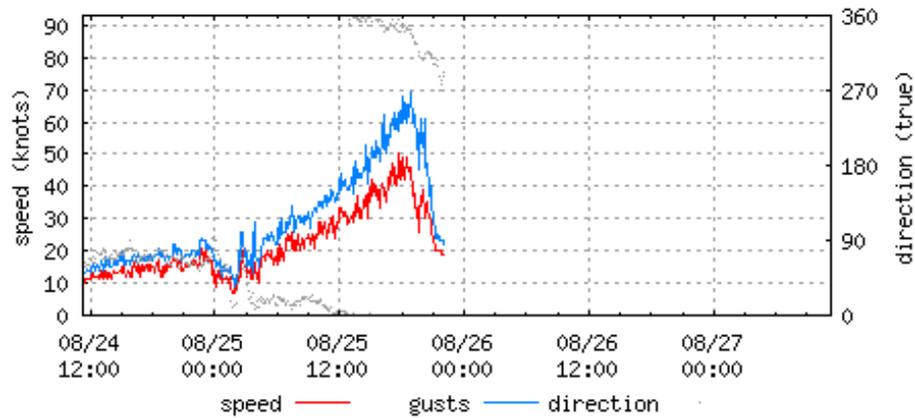
Observed: -0.09 ft. Predicted: -0.58 ft. Residual: 0.49 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/26/2017 19:30 (CDT), -0.22 ft.

NOAA/NOS/CO-OPS 8775237 Port Aransas, TX

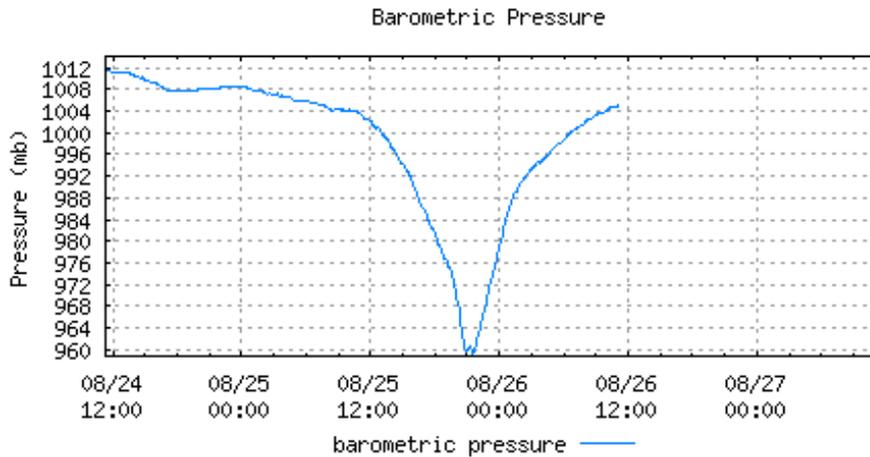
Wind Speed / Gusts / Direction



Last Observed Sample: 08/26/2017 11:12 (CDT)

Wind Speed: 19 knots Gusts: 23 knots Direction: 288° T

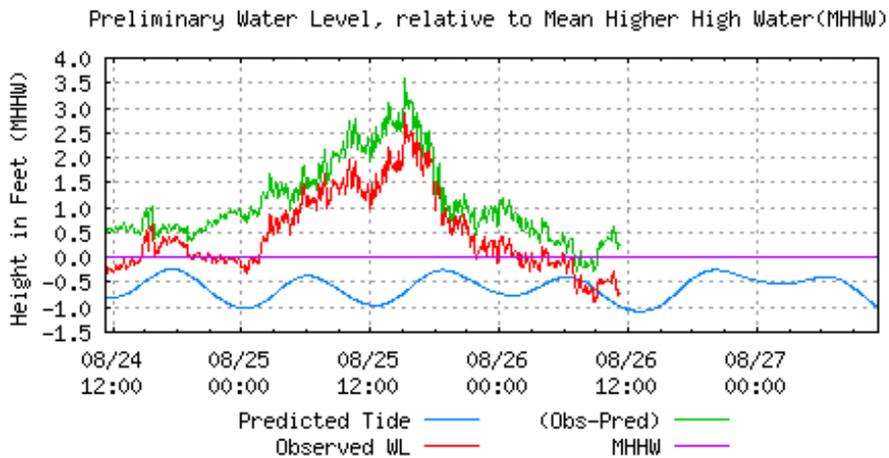
NOAA/NOS/CO-OPS 8775237 Port Aransas, TX



Last Observed Sample: 08/26/2017 11:12 (CDT)

Barometric Pressure: 1005.1 mb

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX



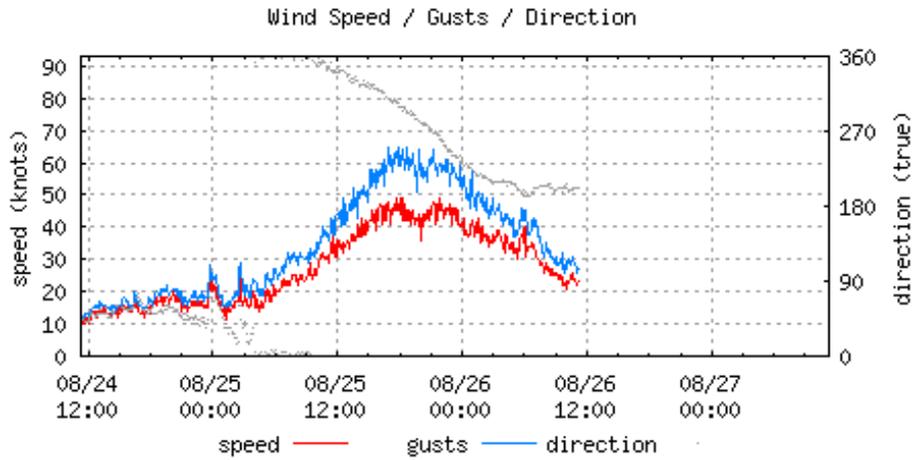
Last Observed Sample: 08/26/2017 11:12 (CDT). Data relative to MHHW

Observed: -0.73 ft. Predicted: -0.97 ft. Residual: 0.24 ft.

Historical Maximum Water Level: Sep 13 2008, 3.98 ft.

Next High Tide: 08/26/2017 20:09 (CDT), -0.25 ft.

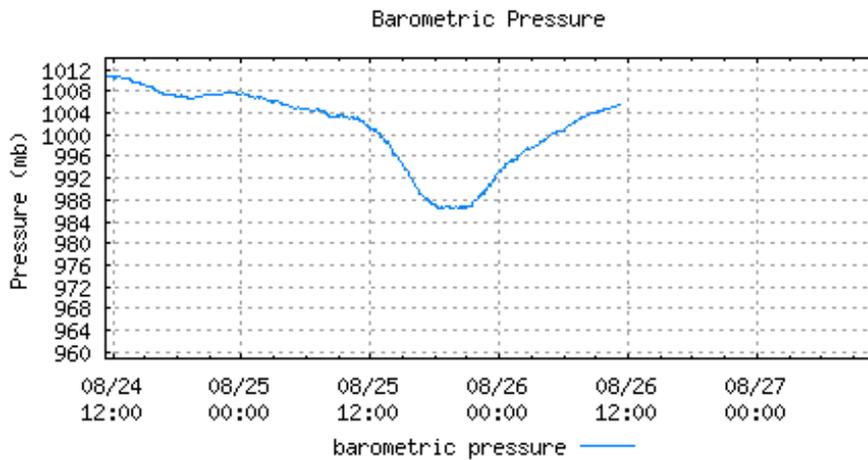
NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX



Last Observed Sample: 08/26/2017 11:12 (CDT)

Wind Speed: 23 knots Gusts: 27 knots Direction: 203° T

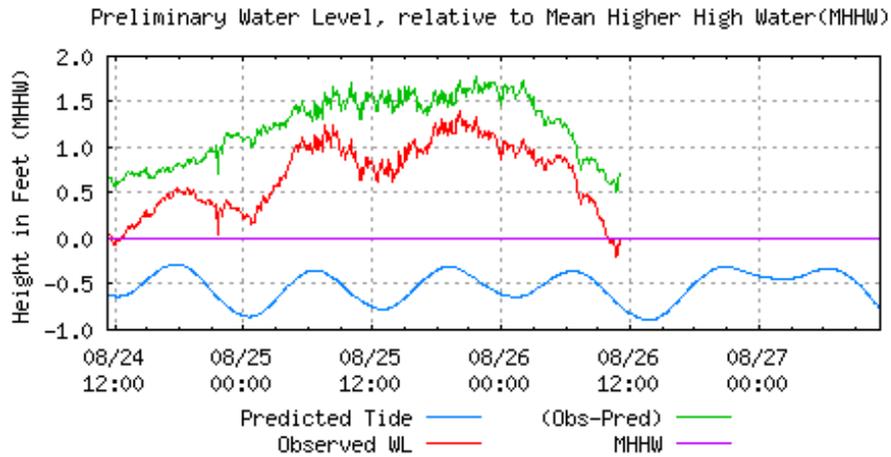
NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX



Last Observed Sample: 08/26/2017 11:12 (CDT)

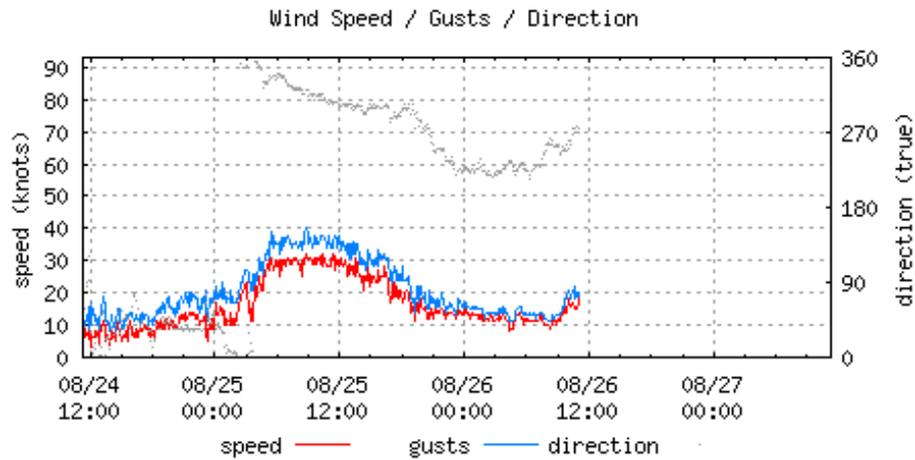
Barometric Pressure: 1005.5 mb

NOAA/NOS/CO-OPS 8779748 South Padre Island CG Station, TX



Last Observed Sample: 08/26/2017 11:06 (CDT). Data relative to MHHW
Observed: -0.06 ft. Predicted: -0.74 ft. Residual: 0.68 ft.
 Historical Maximum Water Level: n/a
 Next High Tide: 08/26/2017 20:51 (CDT), -0.32 ft.

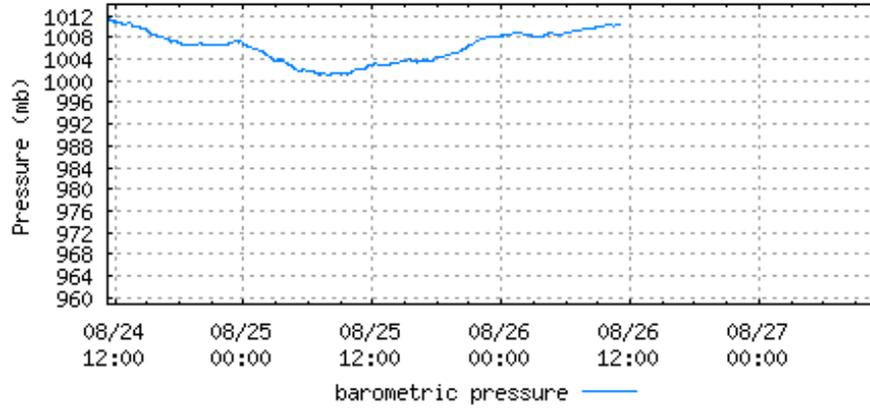
NOAA/NOS/CO-OPS 8779748 South Padre Island CG Station, TX



Last Observed Sample: 08/26/2017 11:06 (CDT)
Wind Speed: 18 knots Gusts: 20 knots Direction: 271° T

NOAA/NOS/CO-OPS 8779748 South Padre Island CG Station, TX

Barometric Pressure



Last Observed Sample: 08/26/2017 11:06 (CDT)

Barometric Pressure: 1010.2 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
8774230	Aransas Wildlife Refuge, TX	08/26/2017 11:06 (CDT)	1.46 ft	0.02 ft	1.44 ft	4.77 ft
8773259	Port Lavaca, TX	08/26/2017 11:06 (CDT)	4.63 ft	-0.36 ft	4.99 ft	6.57 ft
8773701	Port O'Connor, TX	08/26/2017 11:06 (CDT)	2.51 ft	-0.25 ft	2.76 ft	2.80 ft
8773146	Matagorda City, TX	08/26/2017 11:06 (CDT)	2.88 ft	-0.18 ft	3.06 ft	3.12 ft
8772985	Sargent, TX	08/26/2017 11:12 (CDT)	2.01 ft	-0.24 ft	2.25 ft	2.28 ft
8772447	Freeport, TX	08/26/2017 11:06 (CDT)	1.20 ft	-0.93 ft	2.13 ft	2.52 ft
8771972	San Luis Pass, TX	08/26/2017 11:12 (CDT)	2.05 ft	-0.42 ft	2.47 ft	3.32 ft
8771341	Galveston Bay Entrance, North Jetty, TX	08/26/2017 11:06 (CDT)	1.19 ft	-0.77 ft	1.96 ft	2.40 ft
8770971	Rollover Pass, TX	08/26/2017 11:12 (CDT)	2.47 ft	-0.34 ft	2.81 ft	2.52 ft
8770822	Texas Point, Sabine Pass, TX	08/26/2017 11:12 (CDT)	1.15 ft	-0.97 ft	2.12 ft	1.68 ft
8768094	Calcasieu Pass, LA	08/26/2017 11:06 (CDT)	0.82 ft	-0.87 ft	1.69 ft	1.59 ft
8775296	USS Lexington, TX	08/26/2017 11:12 (CDT)	-0.56 ft	-0.20 ft	-0.36 ft	0.91 ft
8775237	Port Aransas, TX	08/26/2017 11:12 (CDT)	-0.09 ft	-0.58 ft	0.49 ft	5.21 ft
8775870	Bob Hall Pier, Corpus Christi, TX	08/26/2017 11:12 (CDT)	-0.73 ft	-0.97 ft	0.24 ft	2.89 ft
8779748	South Padre Island CG Station, TX	08/26/2017 11:06 (CDT)	-0.06 ft	-0.74 ft	0.68 ft	1.40 ft

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