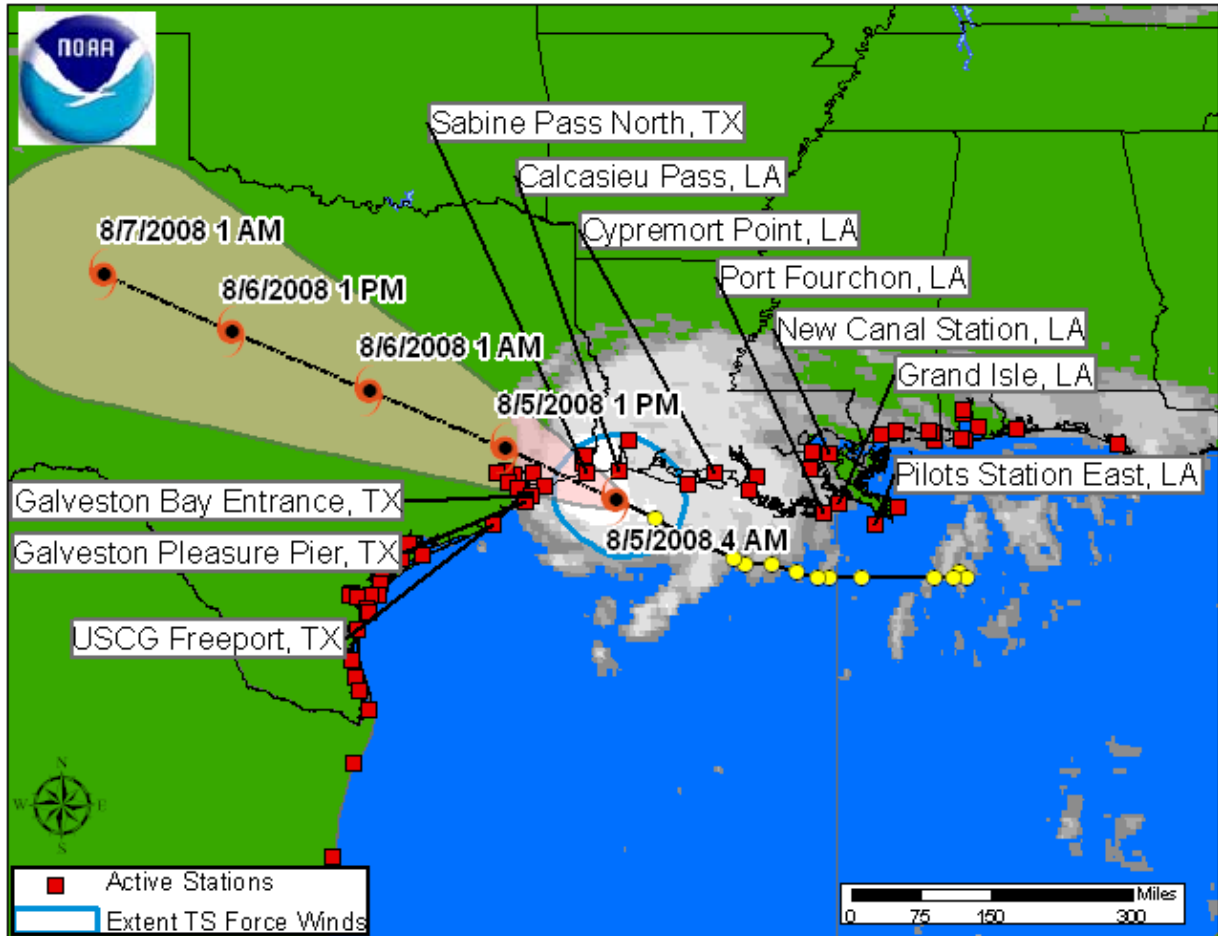




Tropical Storm EDOUARD QuickLook
Posted: 05:00 CDT 08/05/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/05/2008 5:00 CDT, water levels along the coast of Louisiana-Texas border and in Galveston Bay area are rising above predicted and range from 0.7-2.5 ft. Barometric pressure is falling from Cypremort Point, LA to Galveston Bay, TX.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Calcasieu Pass, LA: Next predicted high tide is 1.88 ft (0.57 m) on 08/05/2008 at 06:09 CDT.

Cypremort Point, LA: Next predicted high tide is 1.16 ft (0.35 m) on 08/05/2008 at 09:21 CDT.

Sabine Pass North, TX: Next predicted high tide is 1.44 ft (0.44 m) on 08/05/2008 at 07:15 CDT.

Galveston Bay Entrance, North Jetty, TX: Next predicted high tide is 1.47 ft (0.45 m) on 08/05/2008 at 07:24 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 1.67 ft (0.51 m) on 08/05/2008 at 07:03 CDT.

USCG Freeport, TX: Next predicted high tide is 1.24 ft (0.38 m) on 08/05/2008 at 06:51 CDT.

Port Fourchon, LA: Next predicted high tide is 0.84 ft (0.26 m) on 08/05/2008 at 16:12 CDT.

New Canal Station, LA: Next predicted high tide is 0.27 ft (0.08 m) on 08/05/2008 at 07:27 CDT.

Grand Isle, LA: Next predicted high tide is 0.60 ft (0.18 m) on 08/05/2008 at 14:17 CDT.

Pilots Station East, LA: Next predicted high tide is 0.73 ft (0.22 m) on 08/05/2008 at 10:54 CDT.

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: CM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM EDOUARD ADVISORY NUMBER 8

...EDOUARD STRENGTHENS A LITTLE MORE AS IT APPROACHES THE NORTHWEST GULF COAST...

AT 4 AM CDT THE TROPICAL STORM WARNING AND HURRICANE WATCH ARE DISCONTINUED SOUTH OF SARGENT TEXAS.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM GRAND ISLE LOUISIANA WESTWARD TO SARGENT TEXAS.

A HURRICANE WATCH REMAINS IN EFFECT FROM WEST OF INTRACOASTAL CITY LOUISIANA TO SARGENT TEXAS.

AT 400 AM CDT THE CENTER OF TROPICAL STORM EDOUARD WAS LOCATED NEAR LATITUDE 29.3 NORTH, LONGITUDE 93.4 WEST OR ABOUT 50 MILES SOUTHEAST OF PORT ARTHUR TEXAS AND ABOUT 85 MILES EAST OF GALVESTON TEXAS.

EDOUARD IS MOVING TOWARD THE WEST-NORTHWEST NEAR 12 MPH AND THIS MOTION IS EXPECTED TO CONTINUE TODAY. ON THE FORECAST TRACK, THE CENTER OF EDOUARD IS EXPECTED TO BE NEAR OR OVER THE UPPER TEXAS OR SOUTHWESTERN LOUISIANA COASTS BY MIDDAY TODAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 65 MPH WITH HIGHER GUSTS. SOME

ADDITIONAL STRENGTHENING IS POSSIBLE PRIOR TO LANDFALL AND EDOUARD COULD APPROACH HURRICANE STRENGTH BY THE TIME ITS CENTER CROSSES THE COAST.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.

AN AIR FORCE HURRICANE HUNTER AIRCRAFT REPORTED A MINIMUM CENTRAL PRESSURE OF 997 MB. A STORM SURGE OF 2 TO 4 FT ABOVE NORMAL TIDE LEVELS CAN BE EXPECTED IN THE WARNING AREA IN AREAS OF ONSHORE WINDS.

EDOUARD IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES IN SOME SOUTHWESTERN LOUISIANA COASTAL PARISHES AND SOUTHEASTERN TEXAS. ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE POSSIBLE OVER PORTIONS OF SOUTHEASTERN TEXAS.

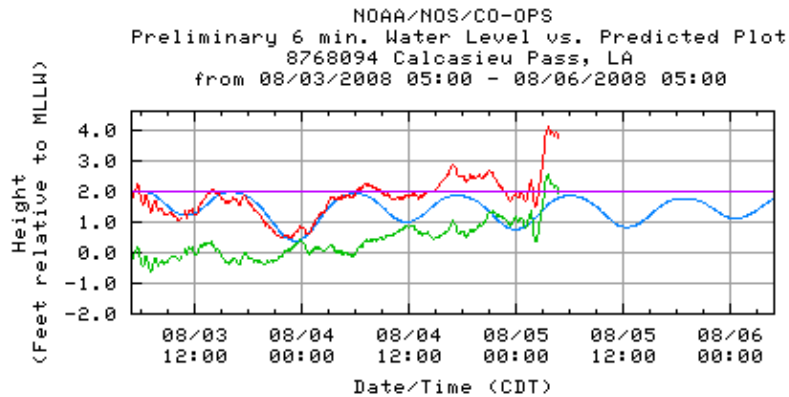
ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTHWESTERN LOUISIANA AND SOUTHEASTERN TEXAS TODAY.

FORECASTER PASCH/ROBERTS

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: [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Cypremort Point - Water Level](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Air/Water Temp](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Port Fourchon - Water Level](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [New Canal Station - Barometric](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#),

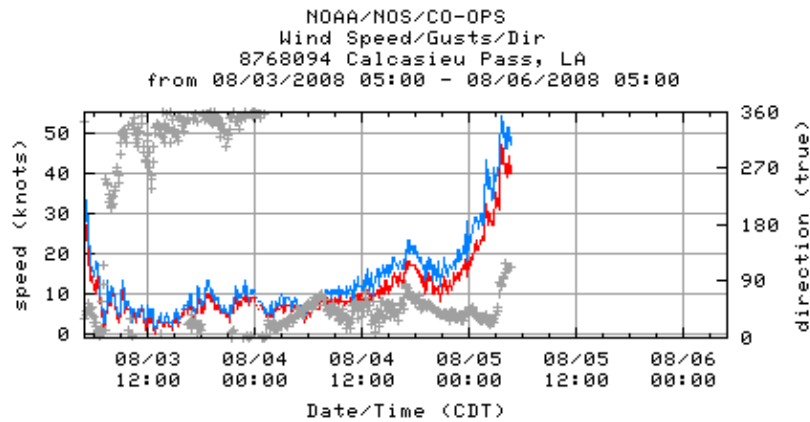
Calcasieu Pass, LA - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 3.77 ft. Predicted: 1.80 ft. Residual: 1.97 ft.**
 Historical Maximum Water Level: n/a

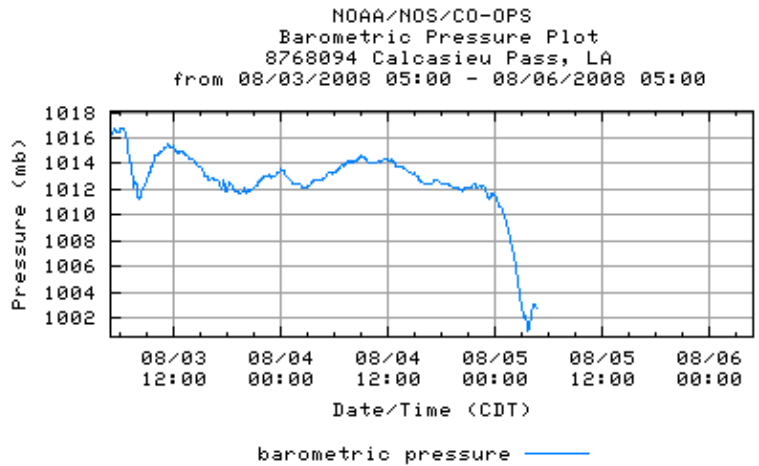
Calcasieu Pass, LA - Station Map [Return to List](#)



speed ——— gusts ——— direction +

Last Observed Sample: 08/05/2008 04:42 (CDT)
Wind Speed: 40 knots Gusts: 47 knots Direction: 112° T

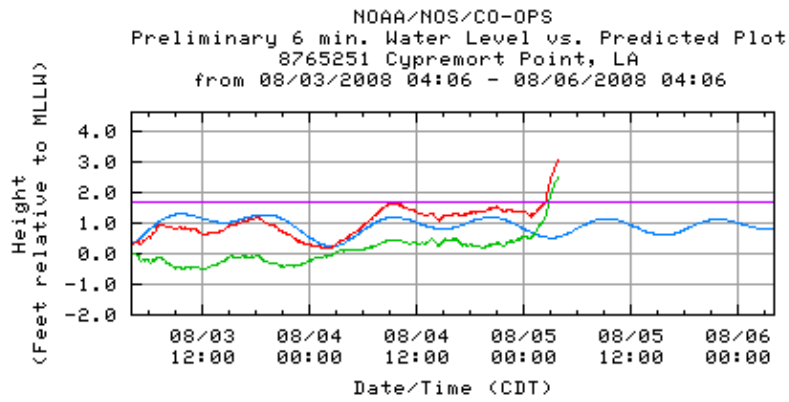
Calcasieu Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 08/05/2008 04:42 (CDT)

Barometric Pressure: 1002.8 mb

Cypremort Point, LA - Station Map [Return to List](#)

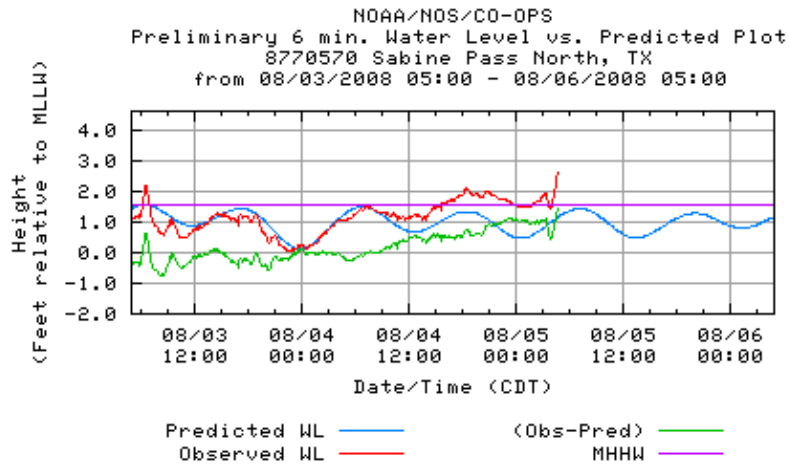


Last Observed Sample: 08/05/2008 03:48 (CDT)

Relative to **MLLW**: Observed: 3.06 ft. Predicted: 0.54 ft. Residual: 2.52 ft.

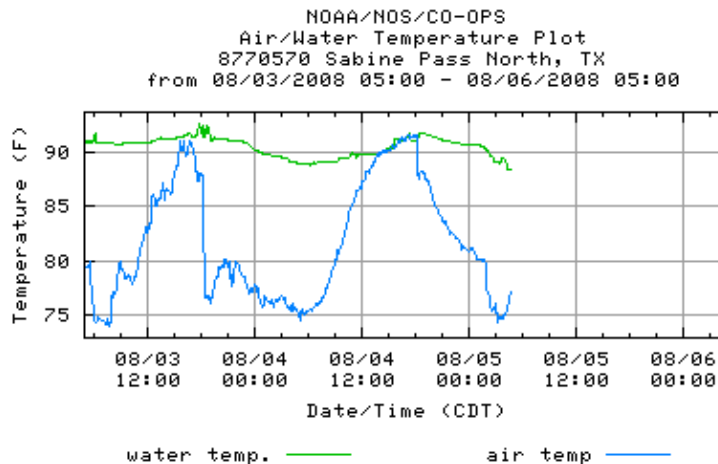
Historical Maximum Water Level: n/a

Sabine Pass North, TX - Station Map [Return to List](#)



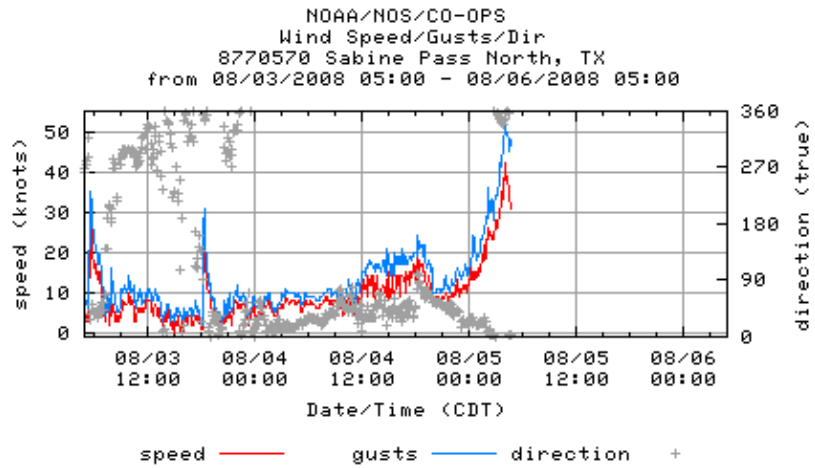
Last Observed Sample: 08/05/2008 04:42 (CDT)
 Relative to **MLLW**: **Observed: 2.62 ft. Predicted: 1.15 ft. Residual: 1.47 ft.**
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 08/05/2008 04:42 (CDT)
Water Temperature: 88.5° F Air Temperature: 77.2° F

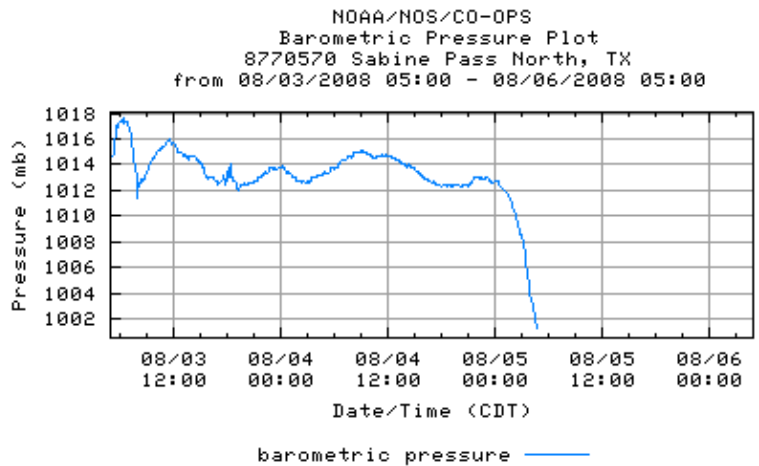
Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 08/05/2008 04:42 (CDT)

Wind Speed: 31 knots Gusts: 48 knots Direction: 004° T

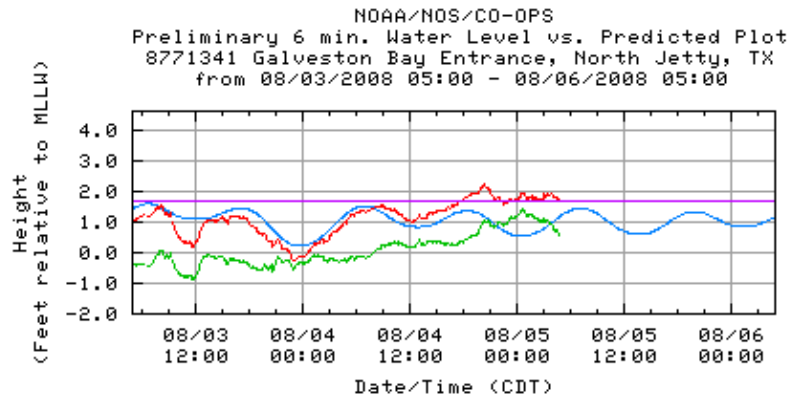
Sabine Pass North, TX - Station Map [Return to List](#)



Last Observed Sample: 08/05/2008 04:42 (CDT)

Barometric Pressure: 1001.3 mb

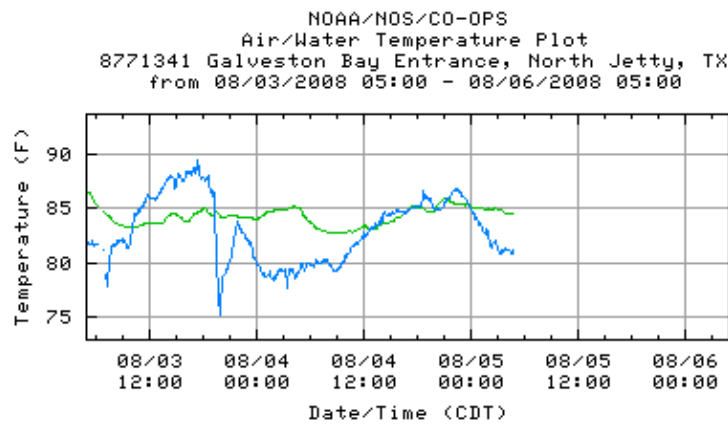
Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 1.71 ft. Predicted: 1.17 ft. Residual: 0.54 ft.**
 Historical Maximum Water Level: n/a

Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)

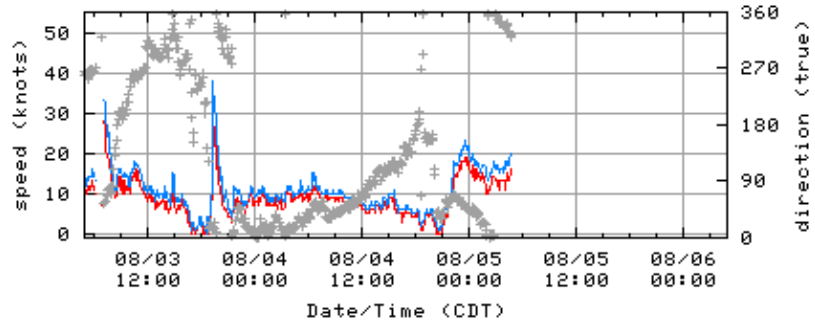


water temp. — air temp. —

Last Observed Sample: 08/05/2008 04:48 (CDT)
Water Temperature: 84.5° F Air Temperature: 81.1° F

Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8771341 Galveston Bay Entrance, North Jetty, TX
from 08/03/2008 05:00 - 08/06/2008 05:00



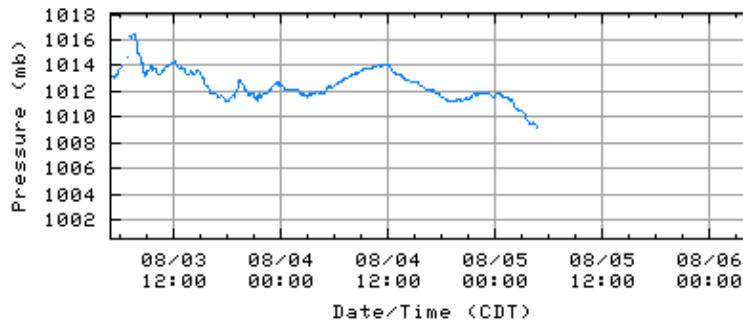
speed — gusts — direction +

Last Observed Sample: 08/05/2008 04:48 (CDT)

Wind Speed: 16 knots Gusts: 20 knots Direction: 319° T

Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8771341 Galveston Bay Entrance, North Jetty, TX
from 08/03/2008 05:00 - 08/06/2008 05:00

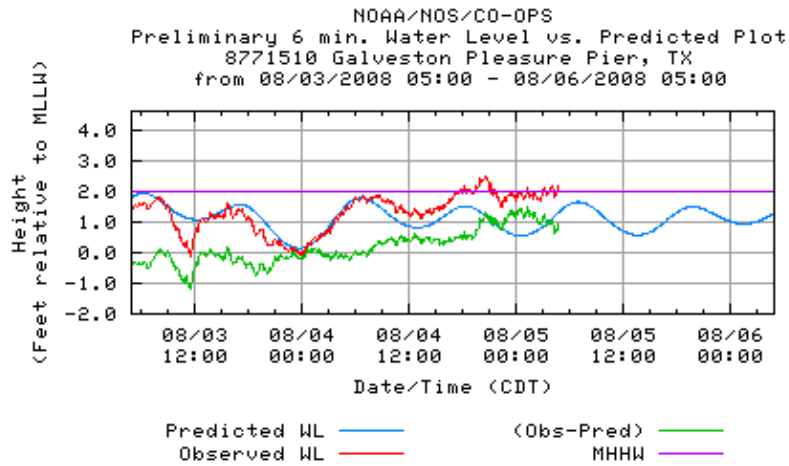


barometric pressure —

Last Observed Sample: 08/05/2008 04:48 (CDT)

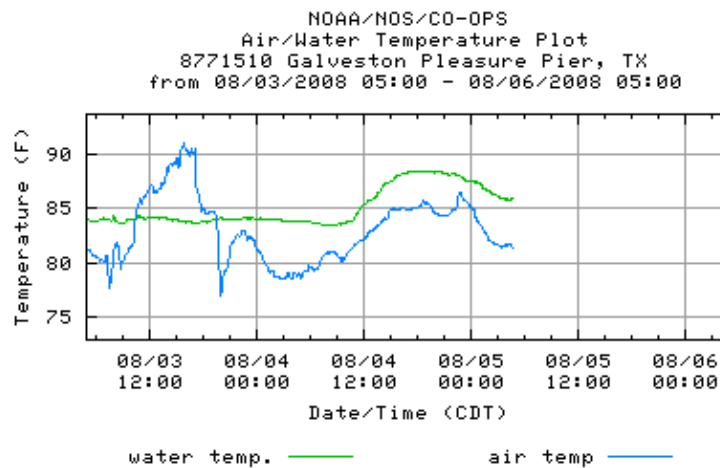
Barometric Pressure: 1009.1 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)



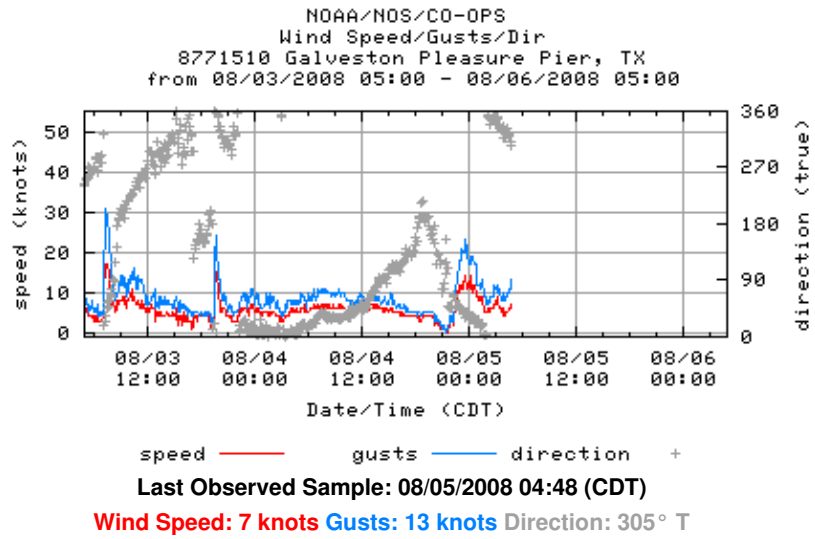
Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 2.23 ft. Predicted: 1.31 ft. Residual: 0.92 ft.**
 Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

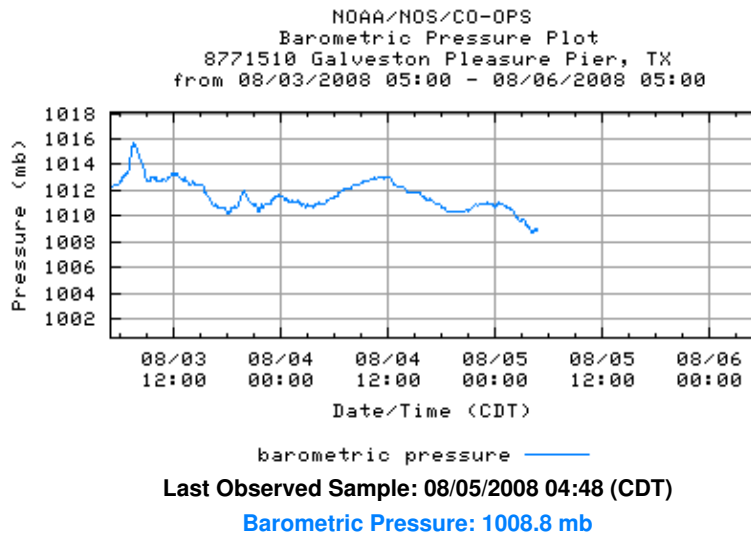


Last Observed Sample: 08/05/2008 04:48 (CDT)
Water Temperature: 86.0° F Air Temperature: 81.4° F

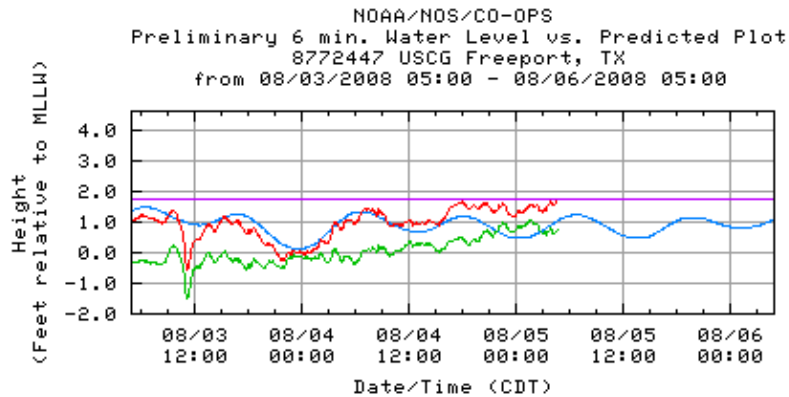
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Galveston Pleasure Pier, TX - Station Map [Return to List](#)



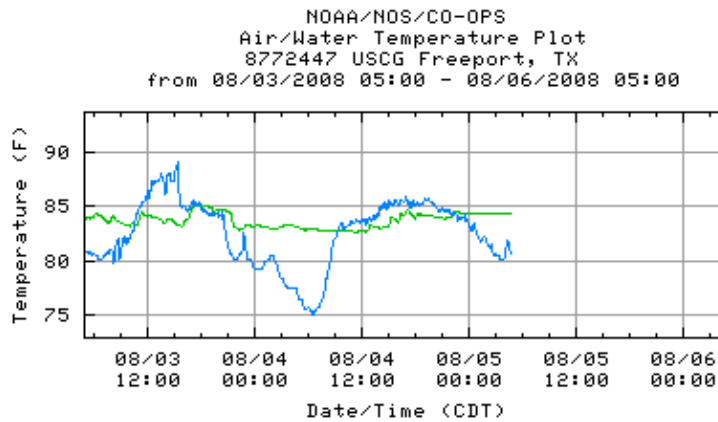
USCG Freeport, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 08/05/2008 04:42 (CDT)
 Relative to **MLLW**: **Observed: 1.79 ft. Predicted: 1.04 ft. Residual: 0.75 ft.**
 Historical Maximum Water Level: n/a

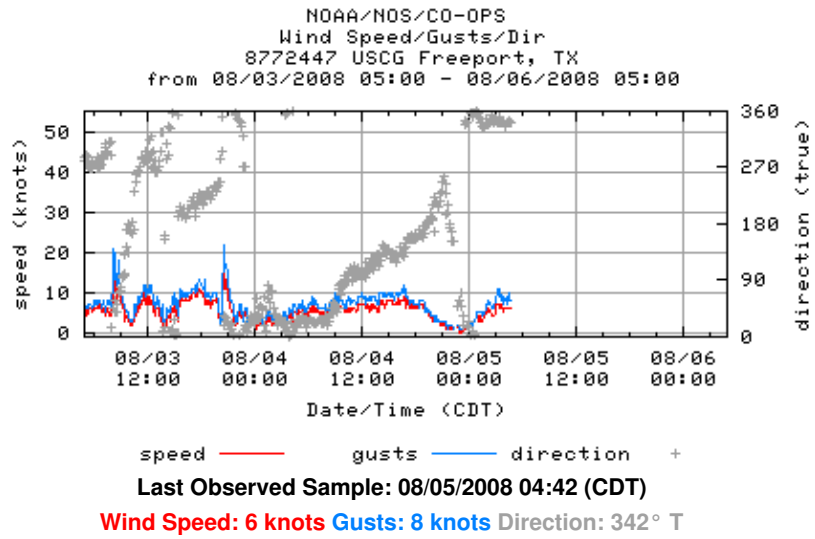
USCG Freeport, TX - Station Map [Return to List](#)



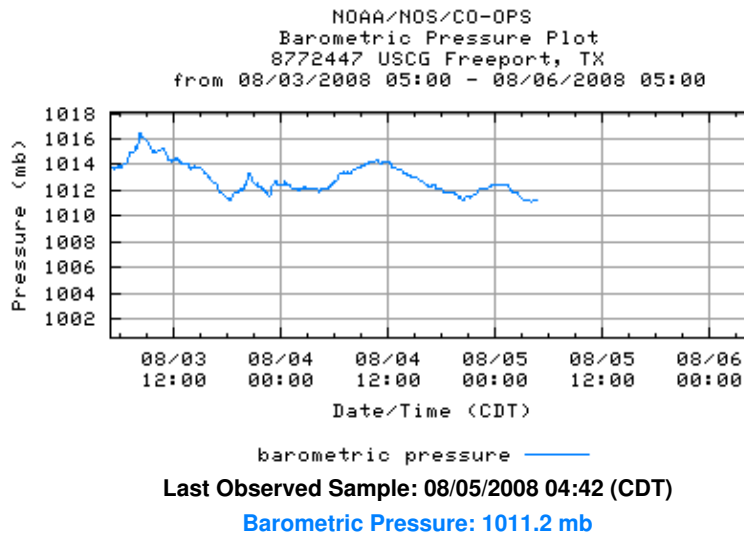
water temp. ——— air temp ———

Last Observed Sample: 08/05/2008 04:42 (CDT)
Water Temperature: 84.4° F Air Temperature: 80.6° F

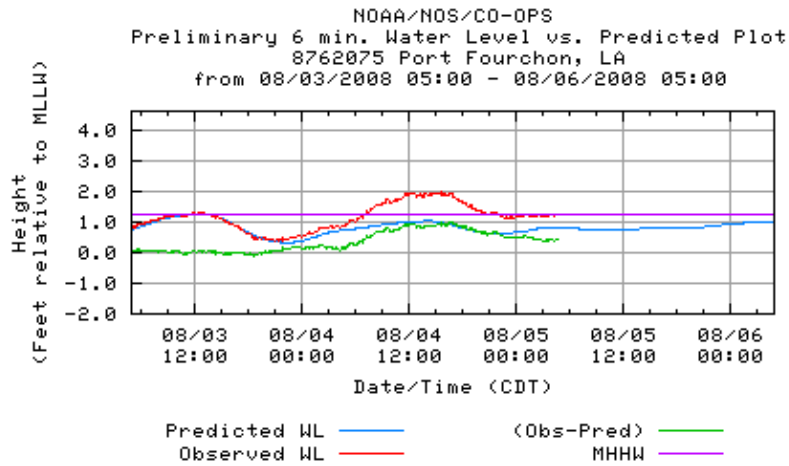
USCG Freeport, TX - Station Map [Return to List](#)



USCG Freeport, TX - Station Map [Return to List](#)

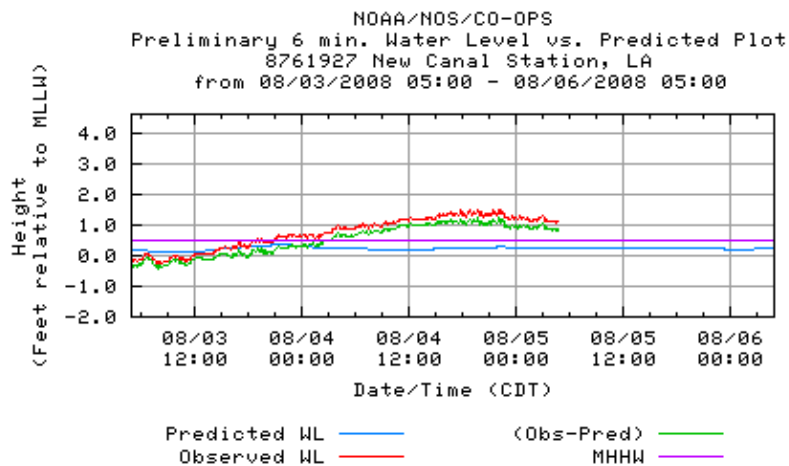


Port Fourchon, LA - Station Map [Return to List](#)



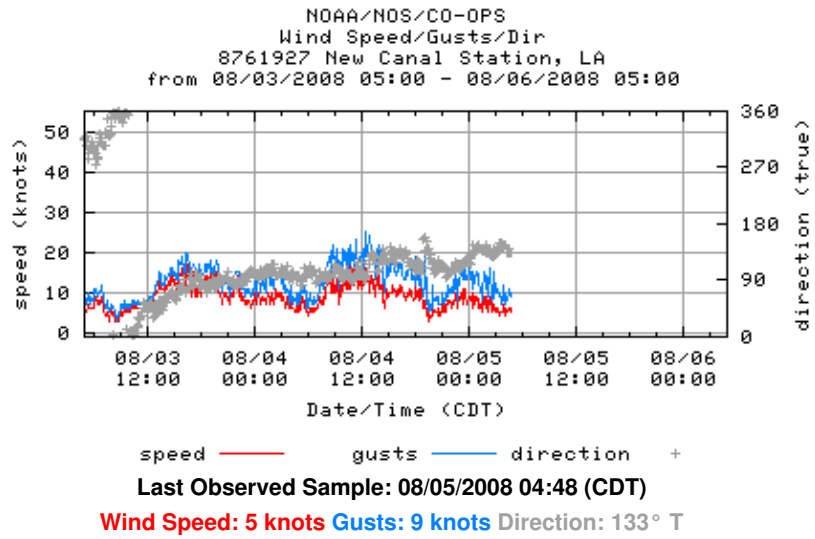
Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 1.24 ft. Predicted: 0.83 ft. Residual: 0.41 ft.**
 Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

New Canal Station, LA - Station Map [Return to List](#)

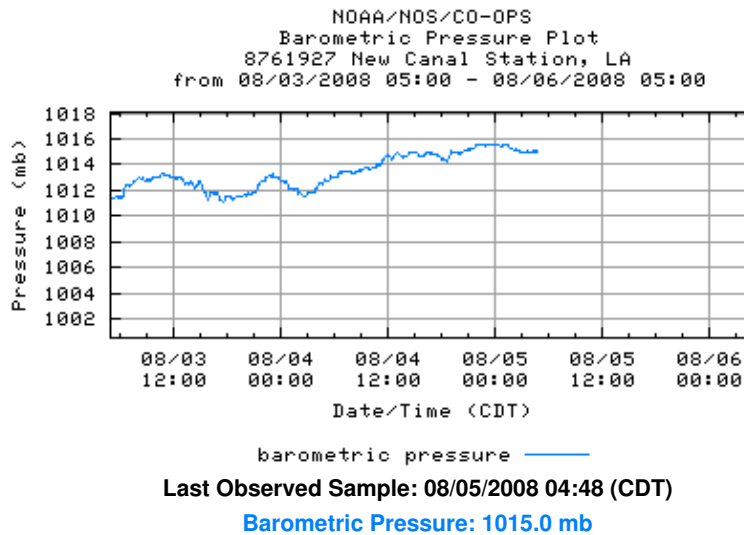


Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 1.12 ft. Predicted: 0.26 ft. Residual: 0.86 ft.**
 Historical Maximum Water Level: 09/10/1988, 3.18 ft. above **MHHW**

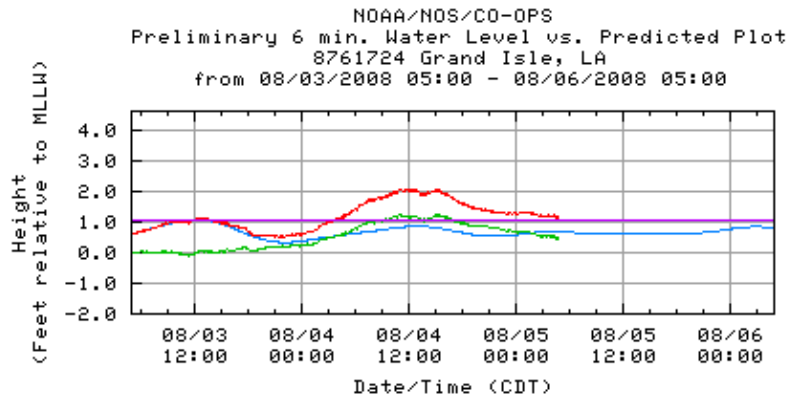
New Canal Station, LA - Station Map [Return to List](#)



New Canal Station, LA - Station Map [Return to List](#)



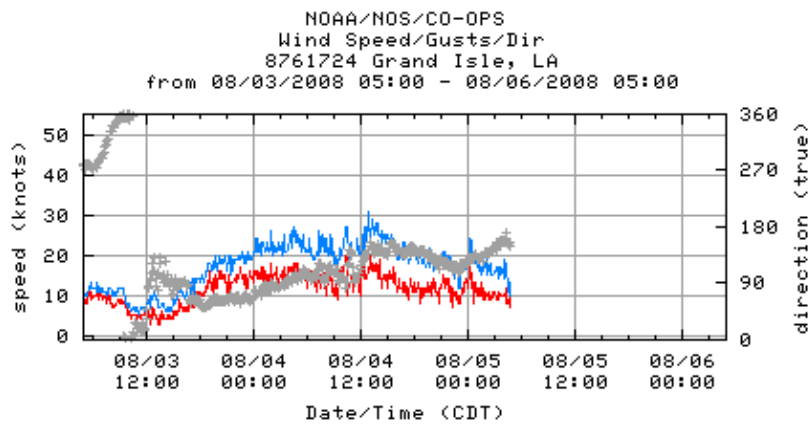
Grand Isle, LA - Station Map [Return to List](#)



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 08/05/2008 04:48 (CDT)
 Relative to **MLLW**: **Observed: 1.18 ft. Predicted: 0.68 ft. Residual: 0.50 ft.**
 Historical Maximum Water Level: n/a

Grand Isle, LA - Station Map [Return to List](#)

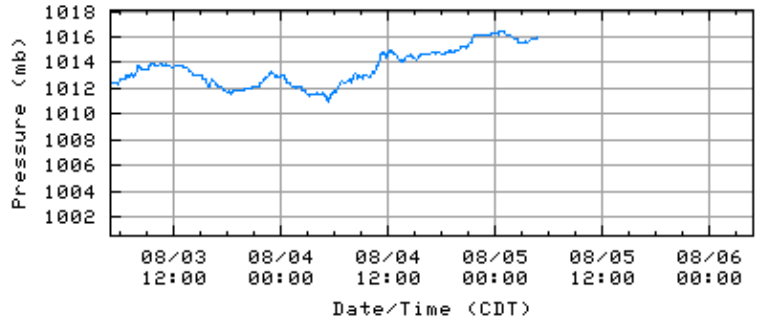


speed — gusts — direction +

Last Observed Sample: 08/05/2008 04:48 (CDT)
Wind Speed: 10 knots Gusts: 13 knots Direction: 151° T

Grand Isle, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8761724 Grand Isle, LA
 from 08/03/2008 05:00 - 08/06/2008 05:00



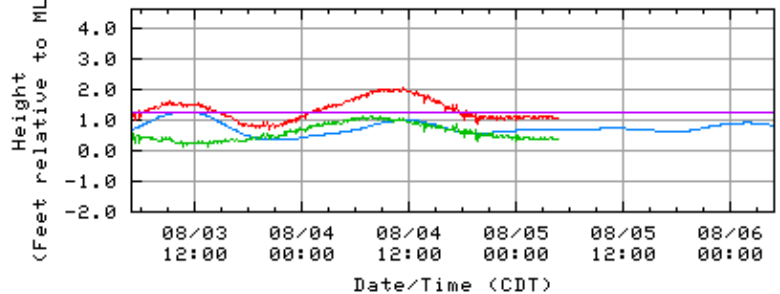
barometric pressure —

Last Observed Sample: 08/05/2008 04:48 (CDT)

Barometric Pressure: 1015.9 mb

Pilots Station East, SW Pass, LA - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8760922 Pilots Station East, SW Pass, LA
 from 08/03/2008 05:00 - 08/06/2008 05:00



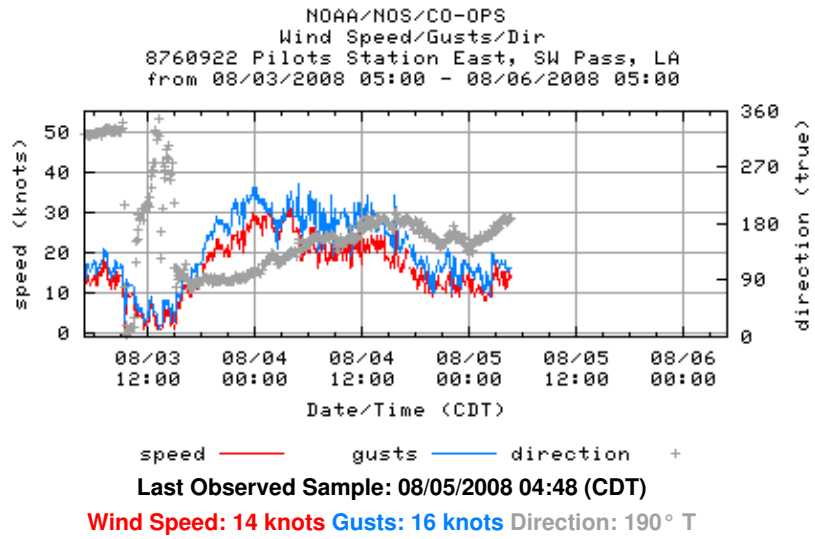
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 08/05/2008 04:48 (CDT)

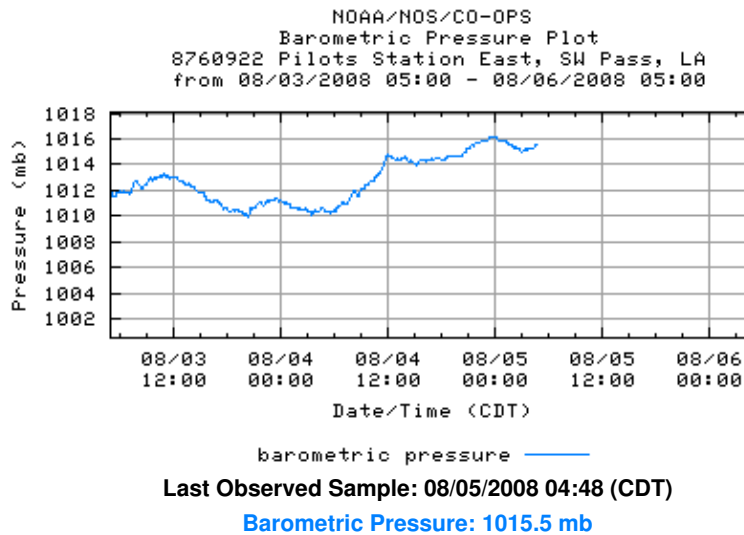
Relative to **MLLW**: Observed: 1.07 ft. Predicted: 0.68 ft. Residual: 0.39 ft.

Historical Maximum Water Level: n/a

Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Tropical Storm EDOUARD QuickLook, POSTED 05:00 CDT 08/05/2008

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