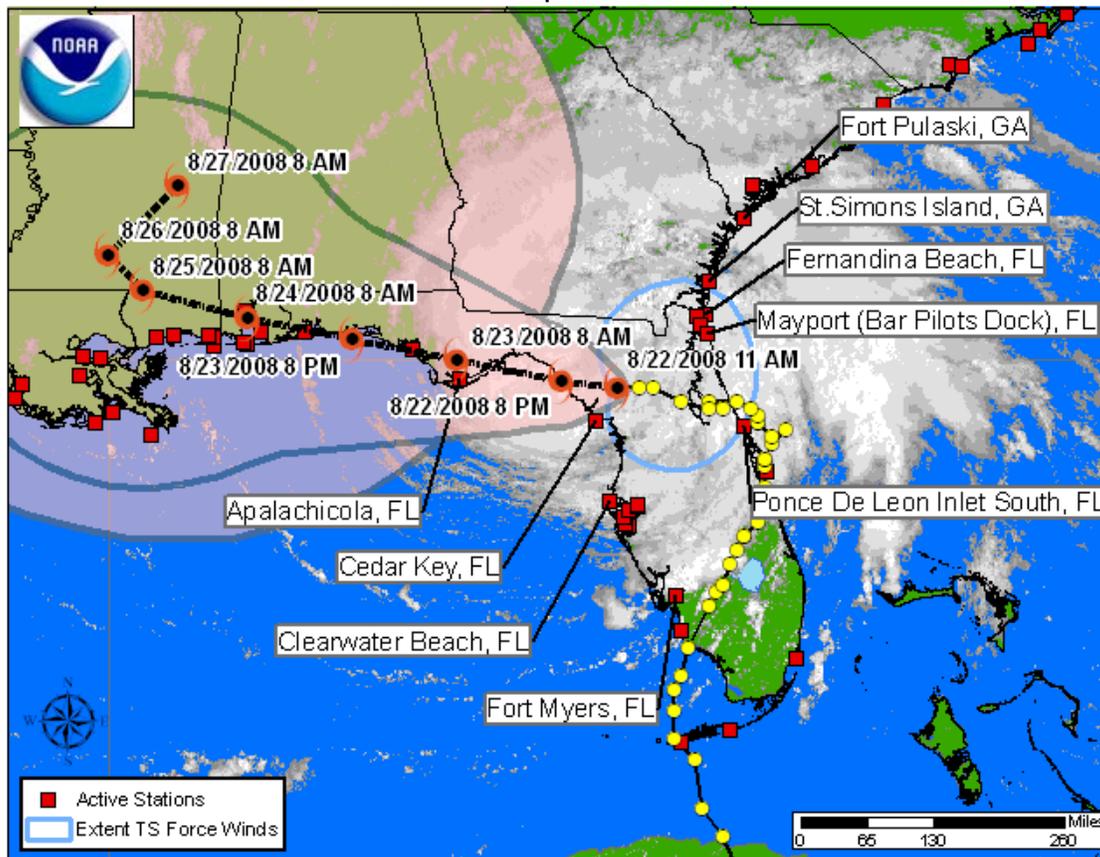




Tropical Storm FAY QuickLook
Posted: 12:00 EDT 08/22/2008



NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/22/2008 12:00 EDT, water levels from northeastern Florida to Georgia are elevated about 0.8 to 1.8 feet above predicted. Water levels remain elevated at Fort Meyers and are rising at Cedar Key and Clearwater Beach. Barometric pressure is falling at Apalachicola, FL. Winds are increasing along Florida's northwest coast, with gusts upto 30 knots.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to [Mean Lower Low Water](#) are:

Cedar Key, FL: Next predicted high tide is 3.10 ft (0.95 m) at 08/22/2008 18:48 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.00 ft (0.61 m) at 08/22/2008 17:00 EDT.

Apalachicola, FL: Next predicted high tide is 1.35 feet (0.41 m) at 08/22/2008 22:18 EDT.

Ponce De Leon, FL: Next predicted high tide is 3.00 ft (0.91 m) at 08/22/2008 13:20 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 5.20 ft (1.58 m) at 08/22/2008 13:19 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.80 ft (2.07 m) at 08/22/2008 13:34 EDT.

St. Simons Island, GA: Next predicted high tide is 7.30 ft (2.23 m) at 08/22/2008 13:02 EDT.

Fort Pulaski, GA: Next predicted high tide is 7.70 ft (2.35 m) at 08/22/2008 12:48 EDT.

Fort Myers, FL: Next predicted high tide is 0.93 ft (0.28 m) at 08/22/2008 21:30 EDT.

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 FAY ADVISORY NUMBER 28

1100 AM EDT FRI AUG 22 2008

...FAY STILL PRODUCING TROPICAL STORM FORCE WINDS OVER NORTHEAST FLORIDA...

AT 11 AM EDT THE TROPICAL STORM WARNING HAS BEEN EXTENDED WESTWARD ALONG THE FLORIDA GULF OF MEXICO COAST TO DESTIN AND A TROPICAL STORM WATCH HAS BEEN ISSUED FROM WEST OF DESTIN TO THE MISSISSIPPI/ALABAMA BORDER.

AT 11 AM EDT THE TROPICAL STORM WARNING SOUTH OF FLAGLER BEACH HAS BEEN DISCONTINUED.

A TROPICAL STORM WARNING IS NOW IN EFFECT FOR THE GULF COAST OF FLORIDA FROM ARIPEKA NORTHWARD AND WESTWARD TO DESTIN AND FROM FLAGLER BEACH NORTHWARD TO THE SAVANNAH RIVER AT THE BORDER BETWEEN GEORGIA AND SOUTH CAROLINA.

A TROPICAL STORM WATCH IS NOW IN EFFECT FROM WEST OF DESTIN TO THE MISSISSIPPI/ALABAMA BORDER.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.

AT 1100 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 29.6 NORTH, LONGITUDE 82.7 WEST OR ABOUT 40 MILES NORTHEAST OF CEDAR KEY FLORIDA.

FAY IS MOVING TOWARD THE WEST NEAR 5 MPH AND THIS MOTION IS EXPECTED TO CONTINUE DURING THE NEXT 24 TO 36 HOURS. ON THE FORECAST TRACK THE CENTER OF FAY IS EXPECTED TO CONTINUE CROSSING THE NORTHERN FLORIDA PENINSULA TODAY THEN MOVE NEAR OR OVER THE FLORIDA PANHANDLE ON SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES MAINLY TO THE EAST OF THE CENTER. SEVERAL STATIONS OVER NORTHEAST FLORIDA ARE CURRENTLY REPORTING WIND GUSTS OF 45 TO 55 MPH.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 996 MB.

STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDES IS POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTH OF THE CENTER OF FAY. STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS IS ALSO POSSIBLE IN THE WARNING AREA ALONG THE FLORIDA GULF COAST IN AREAS OF ONSHORE WINDS.

OVER THE NEXT 36 HOURS, FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES ACROSS THE NORTHERN FLORIDA PENINSULA, THE FLORIDA PANHANDLE, SOUTHERN GEORGIA AND SOUTHEASTERN ALABAMA, WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. ADDITIONAL RAIN ACCUMULATIONS OF 1 TO 2 INCHES ARE POSSIBLE OVER CENTRAL AND SOUTHERN FLORIDA IN OUTER RAIN BANDS ASSOCIATED WITH FAY.

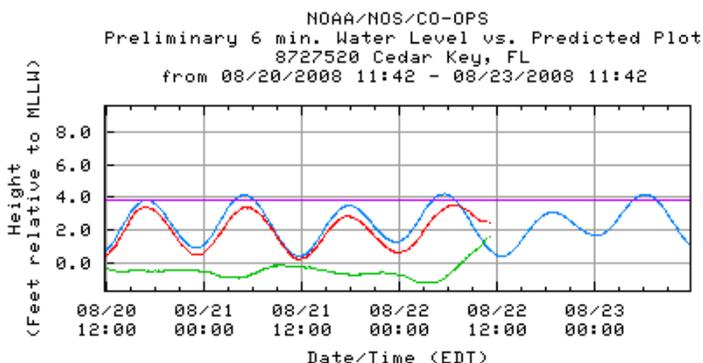
ISOLATED TORNADOES ARE POSSIBLE TODAY OVER PORTIONS OF NORTHEASTERN FLORIDA, SOUTHERN GEORGIA AND SOUTHERN SOUTH CAROLINA.

FORECASTER AVILA

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.

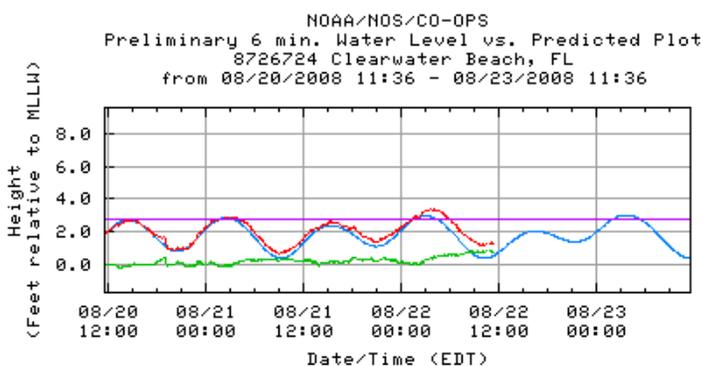
Jump to: [Cedar Key - Water Level](#), [Clearwater Beach - Water Level](#),
[Clearwater Beach - Winds](#), [Clearwater Beach - Air/Water Temp](#),
[Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#),
[Apalachicola - Air/Water Temp](#), [Ponce De Leon Inlet South - Water Level](#),
[Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#),
[Fernandina Beach - Barometric](#), [St. Simons Island - Water Level](#),
[Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Myers - Water Level](#).

[Cedar Key, FL - Station Map](#) [Return to List](#)



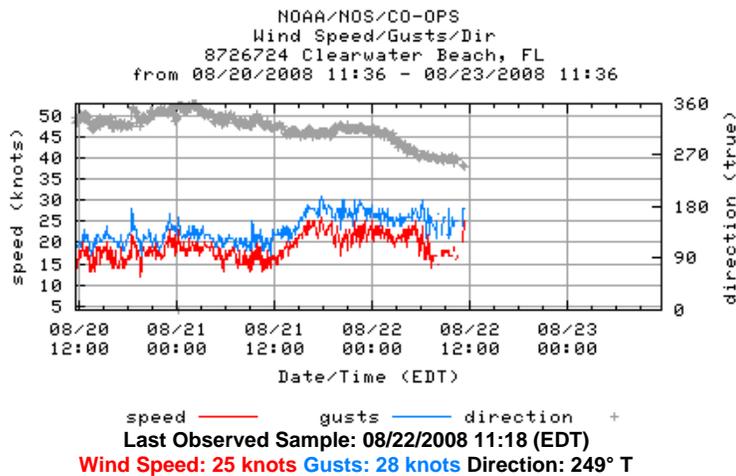
Last Observed Sample: 08/22/2008 11:00 (EDT)
 Relative to MLLW: **Observed: 2.50 ft. Predicted: 0.86 ft. Residual: 1.64 ft.**
 Historical Maximum Water Level: 10/07/1996, 5.15 ft. above MHHW

[Clearwater Beach, FL - Station Map](#) [Return to List](#)

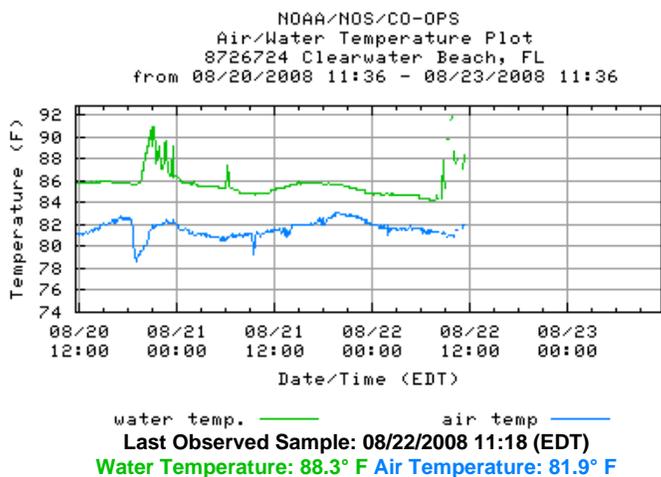


Last Observed Sample: 08/22/2008 11:18 (EDT)
 Relative to MLLW: **Observed: 1.27 ft. Predicted: 0.53 ft. Residual: 0.74 ft.**
 Historical Maximum Water Level: 03/13/1993, 4.05 ft. above MHHW

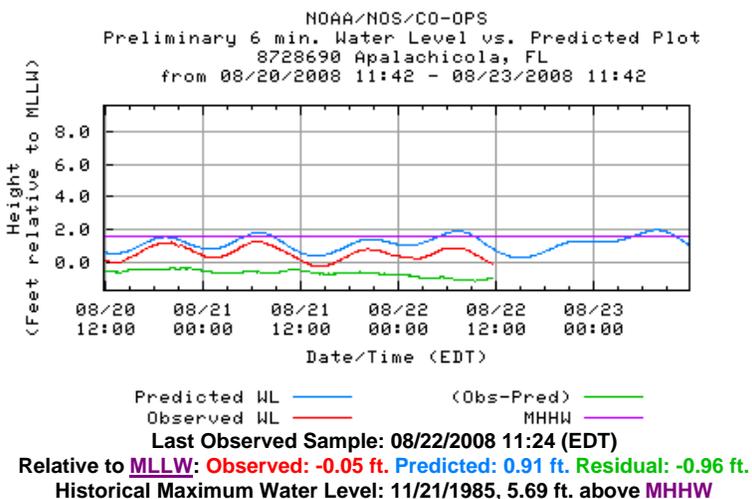
[Clearwater Beach, FL - Station Map](#) [Return to List](#)



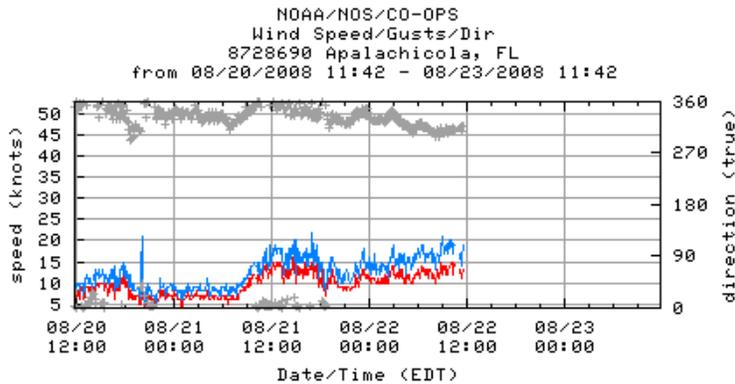
[Clearwater Beach, FL - Station Map](#) [Return to List](#)



[Apalachicola, FL - Station Map](#) [Return to List](#)

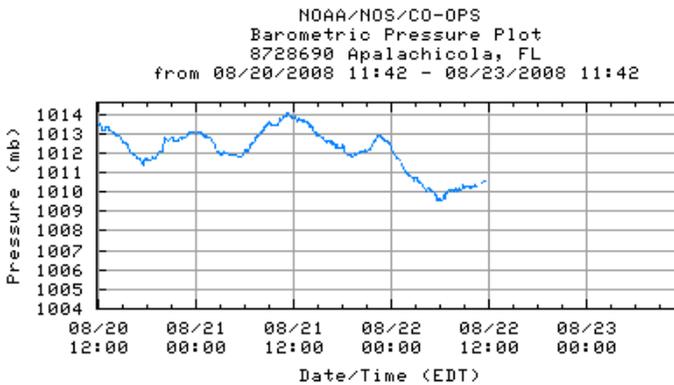


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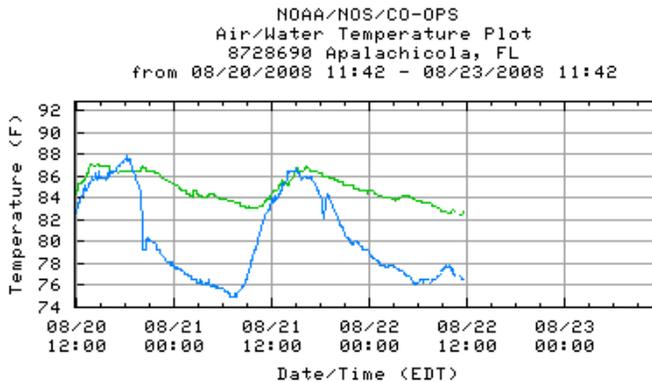
speed — gusts — direction +
Last Observed Sample: 08/22/2008 11:24 (EDT)
Wind Speed: 13 knots Gusts: 19 knots Direction: 318° T

[Apalachicola, FL - Station Map](#) [Return to List](#)



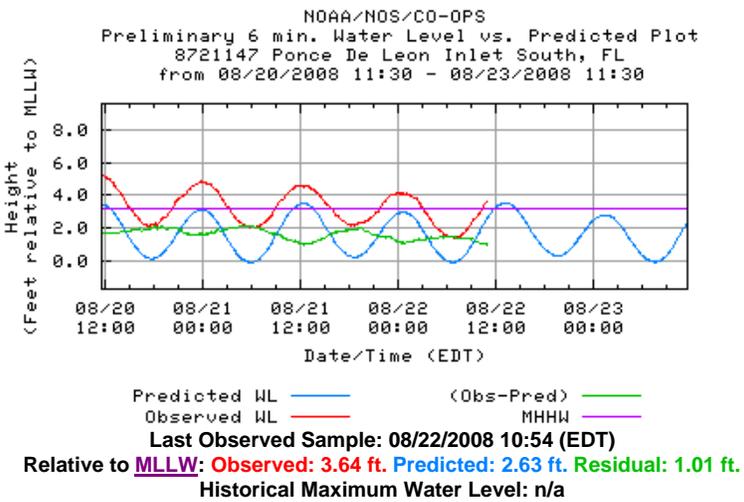
barometric pressure —
Last Observed Sample: 08/22/2008 11:24 (EDT)
Barometric Pressure: 1010.6 mb

[Apalachicola, FL - Station Map](#) [Return to List](#)

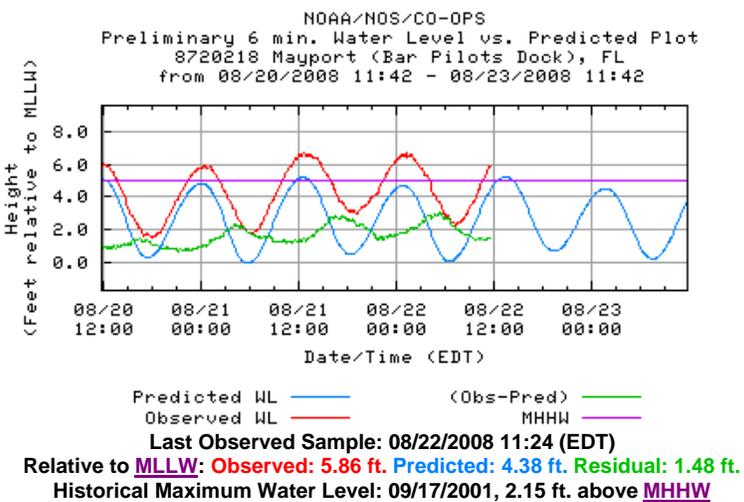


water temp. — air temp —
Last Observed Sample: 08/22/2008 11:24 (EDT)
Water Temperature: 82.8° F Air Temperature: 76.6° F

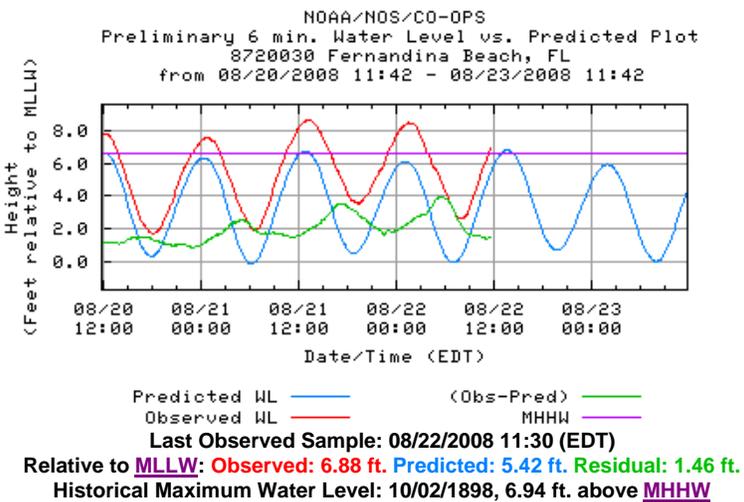
[Ponce De Leon Inlet South, FL - Station Map](#) [Return to List](#)



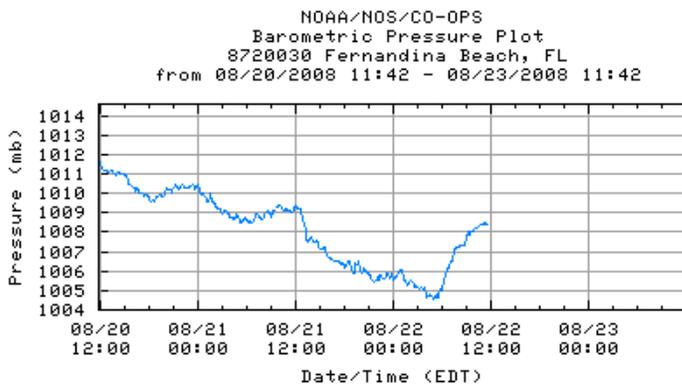
[Mayport \(Bar Pilots Dock\), FL - Station Map](#) [Return to List](#)



[Fernandina Beach, FL - Station Map](#) [Return to List](#)

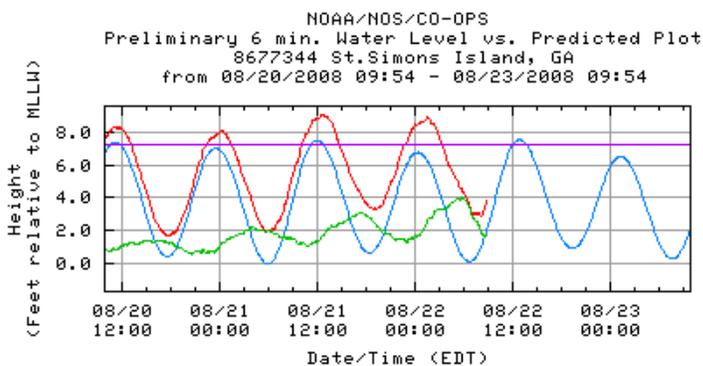


[Fernandina Beach, FL - Station Map](#) [Return to List](#)



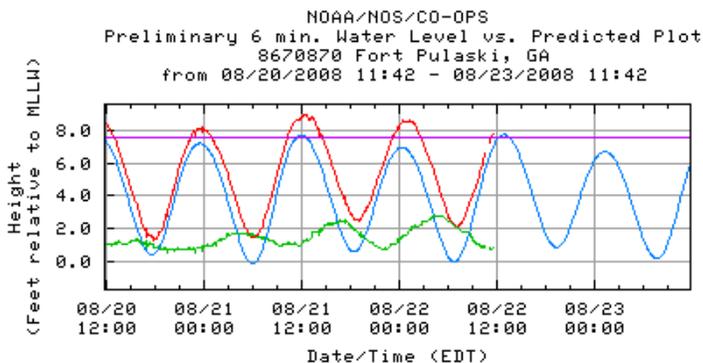
barometric pressure —
Last Observed Sample: 08/22/2008 11:30 (EDT)
Barometric Pressure: 1008.4 mb

[St.Simons Island, GA - Station Map](#) [Return to List](#)



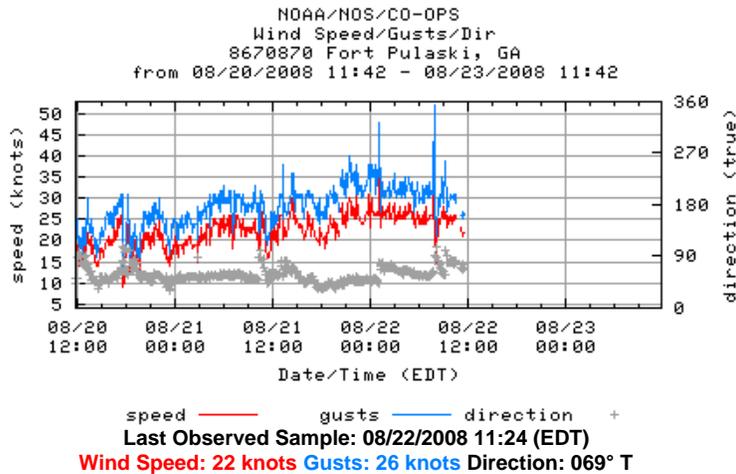
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 08/22/2008 08:54 (EDT)
 Relative to **MLLW**: **Observed: 3.86 ft. Predicted: 2.10 ft. Residual: 1.76 ft.**
 Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

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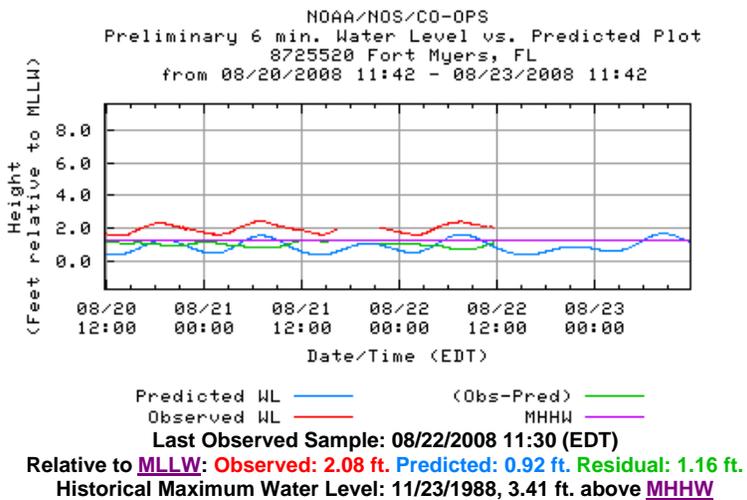


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 08/22/2008 11:24 (EDT)
 Relative to **MLLW**: **Observed: 7.77 ft. Predicted: 6.94 ft. Residual: 0.83 ft.**
 Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

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