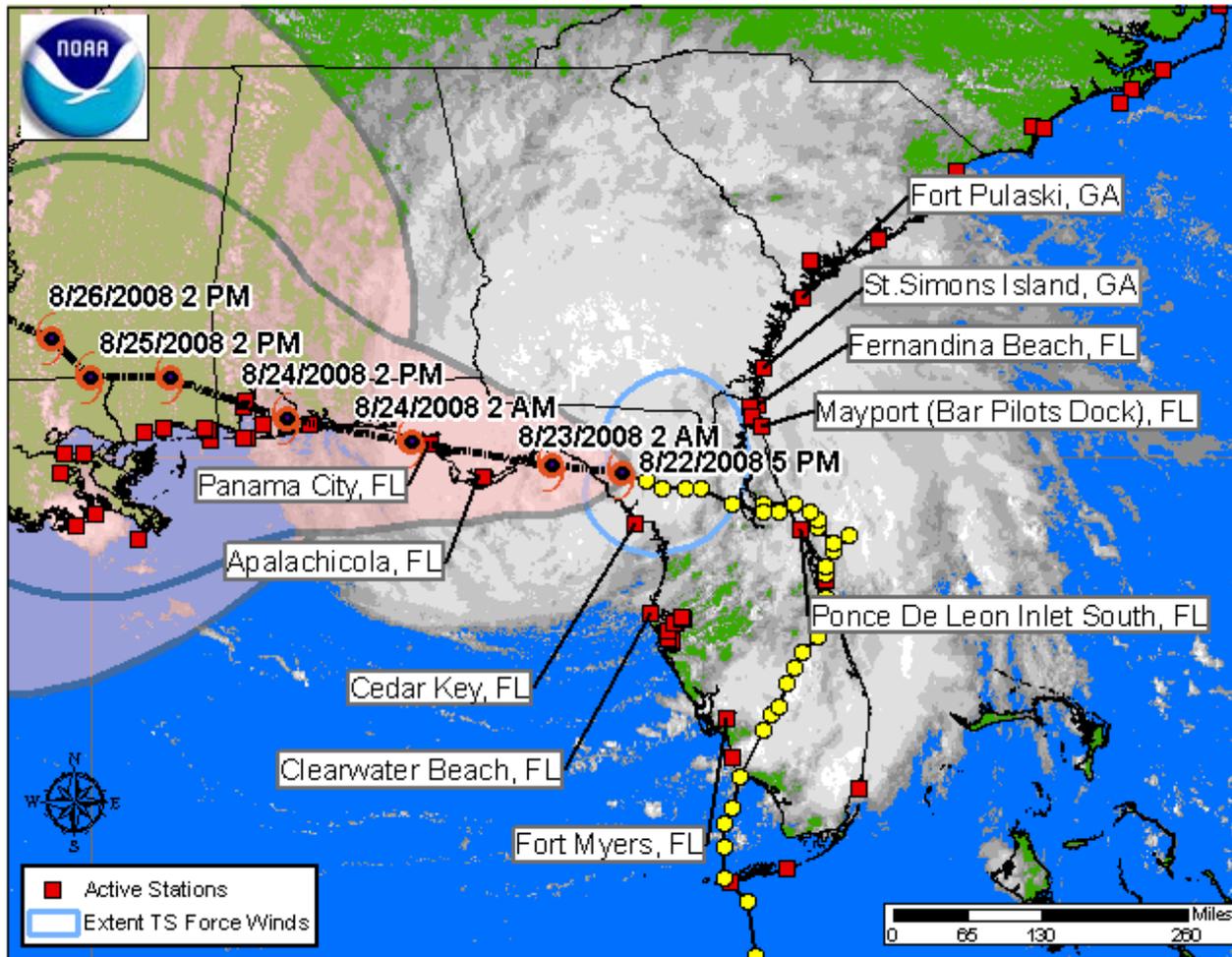




Tropical Storm FAY QuickLook
Posted: 18:00 EDT 08/22/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/22/2008 18:00 EDT, water levels from northeastern Florida to Georgia are elevated about 0.8 to 2.5 feet above predicted. Water levels remain elevated at Fort Myers and are rising at Cedar Key and Clearwater Beach. Water levels are below predicted at Panama City and Apalachicola. Barometric pressure is falling at Panama City and Apalachicola. 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 2.70 ft (0.82 m) at 08/23/2008 04:18 EDT.

Apalachicola, FL: Next predicted high tide is 2.30 feet (0.41 m) at 08/22/2008 22:18 EDT.

Panama City, FL: Next predicted high tide is 1.80 feet (0.55 m) at 08/23/2008 02:41 EDT.

Ponce De Leon, FL: Next predicted high tide is 2.90 ft (0.88 m) at 08/23/2008 01:22 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 4.50 ft (1.37 m) at 08/23/2008 01:36 EDT.

Fernandina Beach, FL: Next predicted high tide is 5.90 ft (1.80 m) at 08/23/2008 01:52 EDT.

St. Simons Island, GA: Next predicted high tide is 6.40 ft (1.95 m) at 08/23/2008 01:26 EDT.

Fort Pulaski, GA: Next predicted high tide is 6.70 ft (2.04 m) at 08/23/2008 01:12 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: ND

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 29

500 PM EDT FRI AUG 22 2008

FAY IS NOT IN A HURRY SLOWLY MOVING WESTWARD

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE GULF COAST OF FLORIDA FROM ARIPEKA NORTHWARD AND WESTWARD TO DESTIN.

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

FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

AT 500 PM EDT 2100Z THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 29.8 NORTH LONGITUDE 83.2 WEST OR ABOUT 50 MILES 80 KM NORTH OF CEDAR KEY FLORIDA AND ABOUT 110 MILES 175 KM EAST OF APALACHICOLA FLORIDA.

FAY IS MOVING TOWARD THE WEST NEAR 6 MPH 9 KM/HR. ON THE FORECAST TRACK THE CENTER OF FAY IS EXPECTED TO CONTINUE CROSSING THE NORTHERN FLORIDA PENINSULA TONIGHT AND THEN MOVE NEAR OR OVER THE FLORIDA PANHANDLE ON SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH 75 KM/HR WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES 185 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 997 MB 29.44 INCHES.

STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDES IS STILL POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTHEAST 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.

FAY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES ACROSS THE NORTHERN FLORIDA PENINSULA THE FLORIDA PANHANDLE, SOUTHERN GEORGIA SOUTHERN ALABAMA AND SOUTHERN

MISSISSIPPI WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. ADDITIONAL RAIN ACCUMULATIONS OF 1 TO 2 INCHES ARE POSSIBLE OVER CENTRAL AND SOUTHERN FLORIDA IN OUTER RAIN BANDS ASSOCIATED WITH FAY. ADDITIONAL RAINFALL AMOUNTS OF 1 TO 2 INCHES ALSO POSSIBLE OVER COASTAL SOUTHERN SOUTH CAROLINA. ISOLATED STORM TOTAL RAINFALL AMOUNTS OF 20 TO 30 INCHES HAVE BEEN OBSERVED WITH FAY ACROSS PORTIONS OF THE EAST-CENTRAL COAST OF FLORIDA.

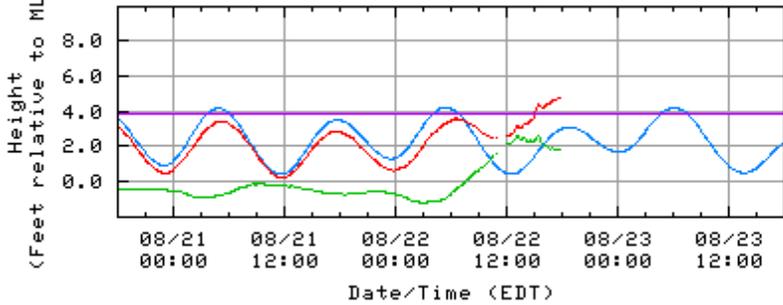
FORECASTER AVILA

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

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8727520 Cedar Key, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

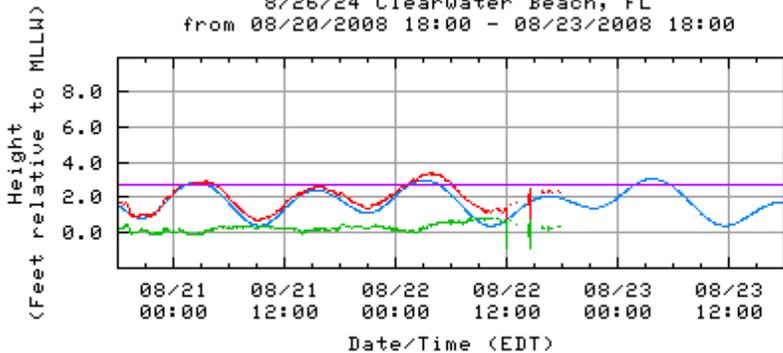
Last Observed Sample: 08/22/2008 17:48 (EDT)

Relative to **MLLW**: Observed: 4.77 ft. Predicted: 2.97 ft. Residual: 1.80 ft.

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8726724 Clearwater Beach, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

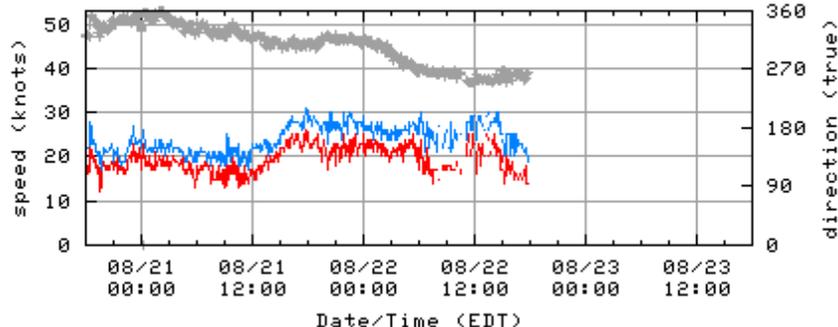
Last Observed Sample: 08/22/2008 17:42 (EDT)

Relative to **MLLW**: Observed: 2.32 ft. Predicted: 1.98 ft. Residual: 0.34 ft.

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8726724 Clearwater Beach, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00

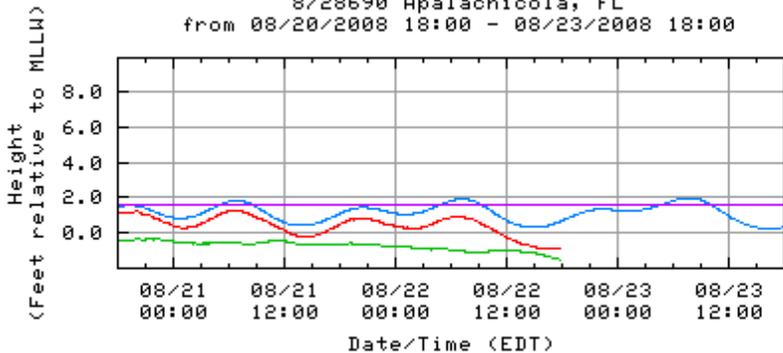


speed — gusts — direction +
 Last Observed Sample: 08/22/2008 17:42 (EDT)

Wind Speed: 14 knots Gusts: 19 knots Direction: 264° T

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8728690 Apalachicola, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

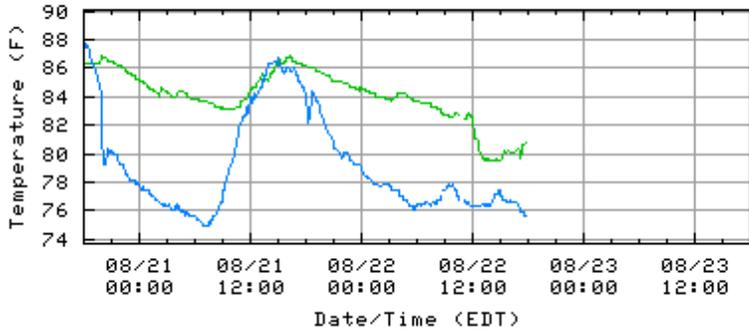
Last Observed Sample: 08/22/2008 17:42 (EDT)

Relative to **MLLW**: Observed: -0.83 ft. Predicted: 0.64 ft. Residual: -1.47 ft.

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above **MHHW**

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

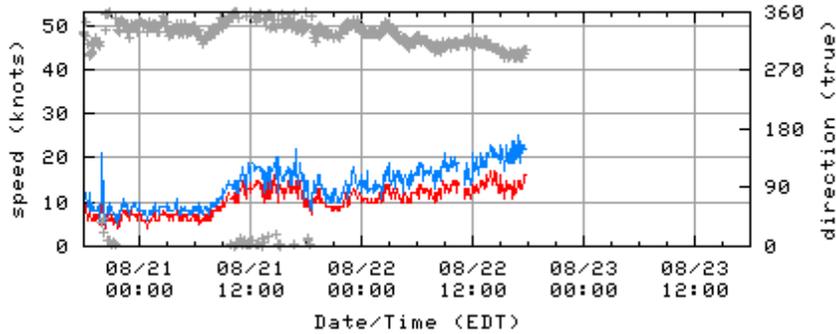
NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8728690 Apalachicola, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



water temp. — air temp —
Last Observed Sample: 08/22/2008 17:42 (EDT)
Water Temperature: 80.8° F Air Temperature: 75.6° F

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

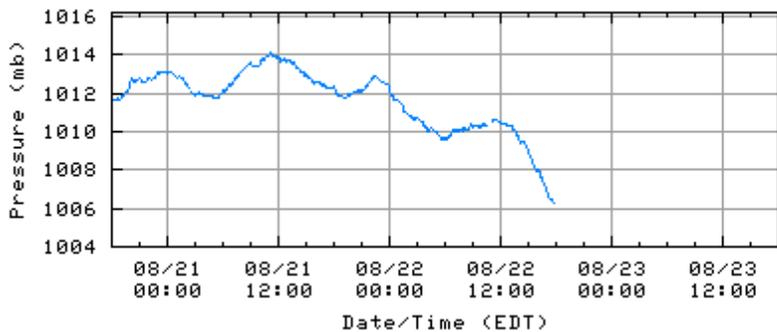
NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8728690 Apalachicola, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



speed — gusts — direction +
Last Observed Sample: 08/22/2008 17:42 (EDT)
Wind Speed: 16 knots Gusts: 22 knots Direction: 302° T

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

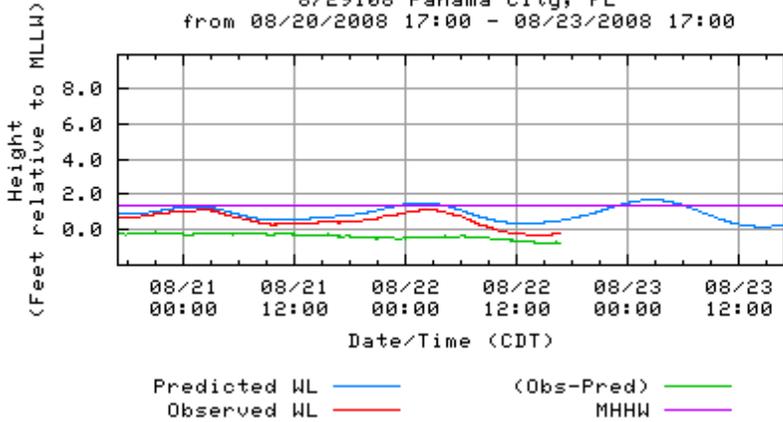
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8728690 Apalachicola, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



barometric pressure —
Last Observed Sample: 08/22/2008 17:42 (EDT)
Barometric Pressure: 1006.3 mb

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

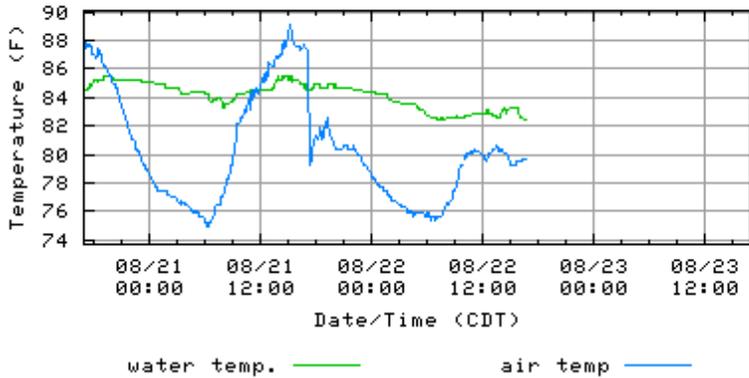
NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8729108 Panama City, FL
 from 08/20/2008 17:00 - 08/23/2008 17:00



Last Observed Sample: 08/22/2008 16:42 (CDT)
 Relative to **MLLW**: **Observed: -0.17 ft. Predicted: 0.54 ft. Residual: -0.71 ft.**
 Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

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

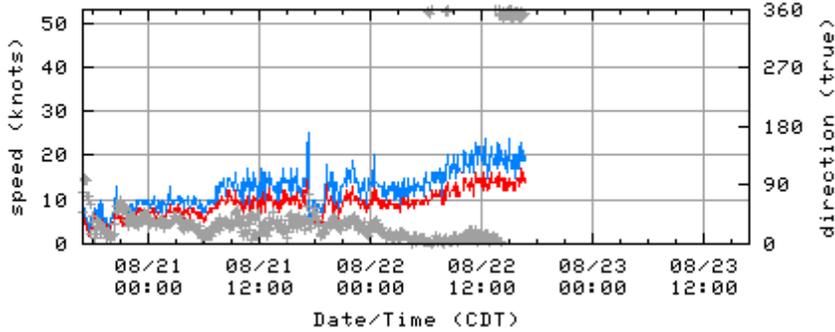
NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8729108 Panama City, FL
 from 08/20/2008 17:00 - 08/23/2008 17:00



Last Observed Sample: 08/22/2008 16:42 (CDT)
Water Temperature: 82.4° F Air Temperature: 79.7° F

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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8729108 Panama City, FL
 from 08/20/2008 17:00 - 08/23/2008 17:00

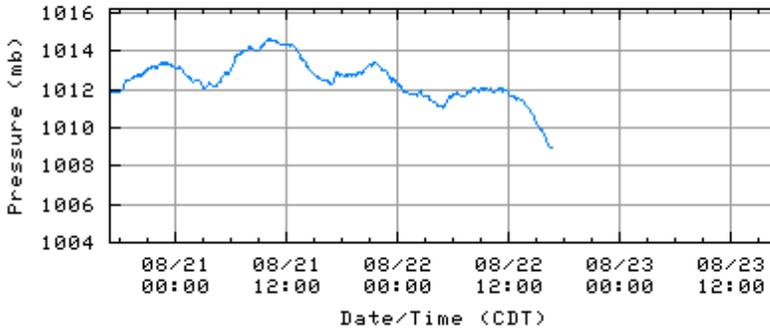


speed — gusts — direction +
 Last Observed Sample: 08/22/2008 16:42 (CDT)

Wind Speed: 14 knots Gusts: 19 knots Direction: 354° T

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

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8729108 Panama City, FL
 from 08/20/2008 17:00 - 08/23/2008 17:00

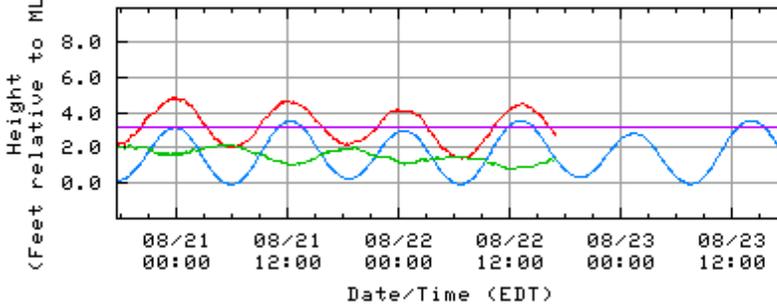


barometric pressure —
 Last Observed Sample: 08/22/2008 16:42 (CDT)

Barometric Pressure: 1009.0 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8721147 Ponce De Leon Inlet South, FL
 from 08/20/2008 17:30 - 08/23/2008 17:30



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

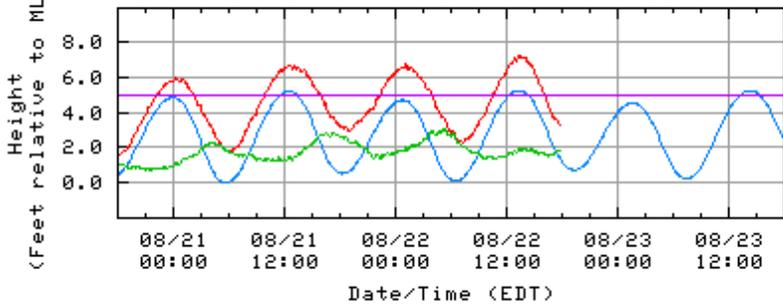
Last Observed Sample: 08/22/2008 16:54 (EDT)

Relative to **MLLW**: Observed: 2.78 ft. Predicted: 1.39 ft. Residual: 1.39 ft.

Historical Maximum Water Level: n/a

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8720218 Mayport (Bar Pilots Dock), FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

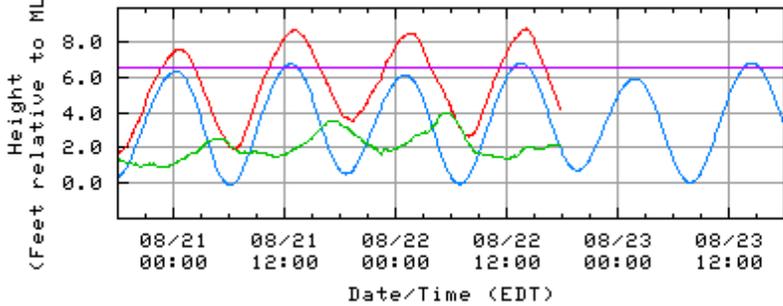
Last Observed Sample: 08/22/2008 17:42 (EDT)

Relative to **MLLW**: Observed: 3.27 ft. Predicted: 1.44 ft. Residual: 1.83 ft.

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8720030 Fernandina Beach, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

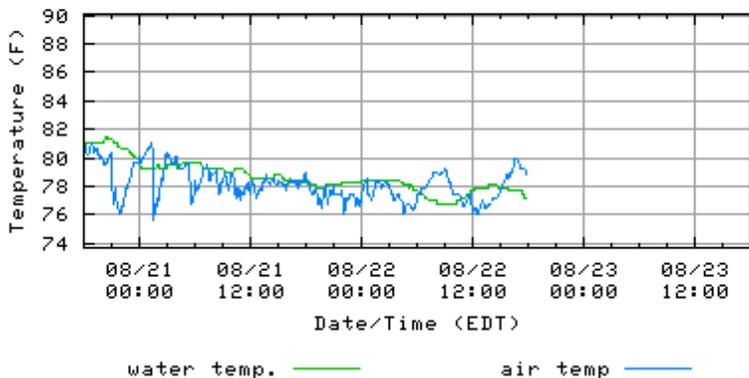
Last Observed Sample: 08/22/2008 17:48 (EDT)

Relative to **MLLW**: Observed: 4.19 ft. Predicted: 2.00 ft. Residual: 2.19 ft.

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8720030 Fernandina Beach, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



water temp. ——— air temp ———

Last Observed Sample: 08/22/2008 17:48 (EDT)
 Water Temperature: 77.2° F Air Temperature: 78.8° F

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

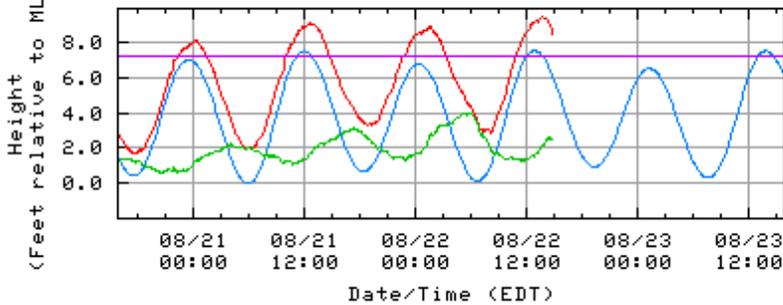
NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8720030 Fernandina Beach, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



barometric pressure —
 Last Observed Sample: 08/22/2008 17:48 (EDT)
 Barometric Pressure: 1009.4 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8677344 St.Simons Island, GA
 from 08/20/2008 15:54 - 08/23/2008 15:54

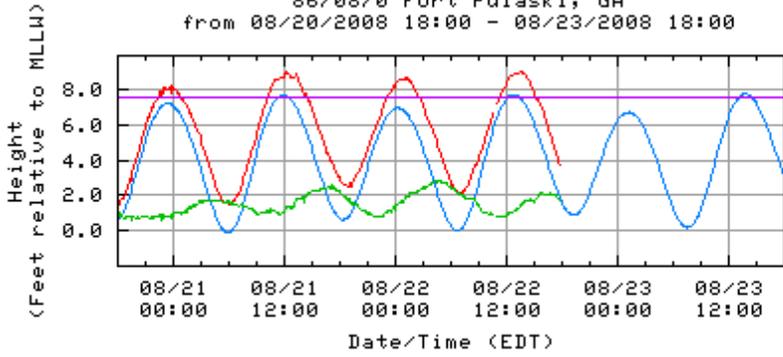


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 08/22/2008 14:54 (EDT)
 Relative to **MLLW**: Observed: 8.48 ft. Predicted: 6.02 ft. Residual: 2.46 ft.
 Historical Maximum Water Level: 07/22/2001, 2.41 ft. above **MHHW**

[Fort Pulaski, GA - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8670870 Fort Pulaski, GA
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

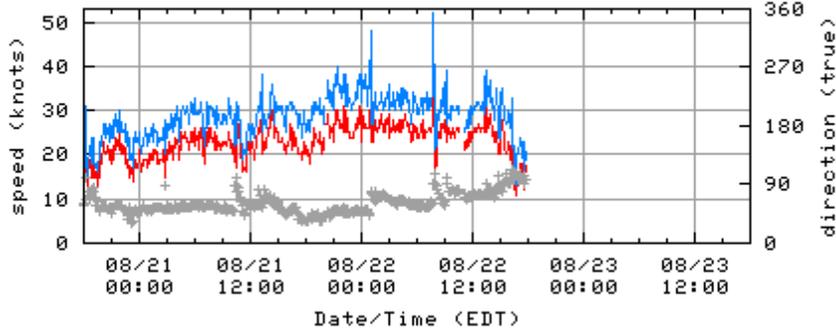
Last Observed Sample: 08/22/2008 17:42 (EDT)

Relative to **MLLW**: Observed: 3.69 ft. Predicted: 1.95 ft. Residual: 1.74 ft.

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**

[Fort Pulaski, GA - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8670870 Fort Pulaski, GA
 from 08/20/2008 18:00 - 08/23/2008 18:00



speed ——— gusts ——— direction +
 Last Observed Sample: 08/22/2008 17:42 (EDT)

Wind Speed: 16 knots Gusts: 19 knots Direction: 097° T

[Fort Pulaski, GA - Station Map](#) [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8670870 Fort Pulaski, GA
 from 08/20/2008 18:00 - 08/23/2008 18:00



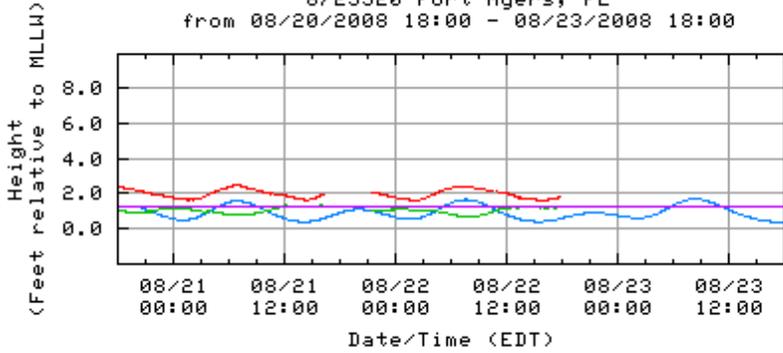
barometric pressure ———

Last Observed Sample: 08/22/2008 17:42 (EDT)

Barometric Pressure: 1014.9 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8725520 Fort Myers, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



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

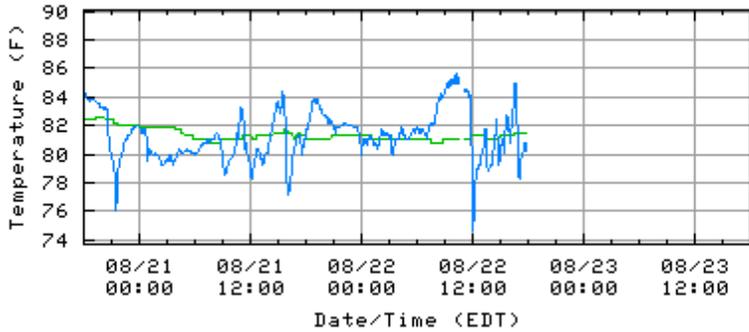
Last Observed Sample: 08/22/2008 17:48 (EDT)

Relative to **MLLW**: Observed: 1.83 ft. Predicted: 0.59 ft. Residual: 1.24 ft.

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8725520 Fort Myers, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



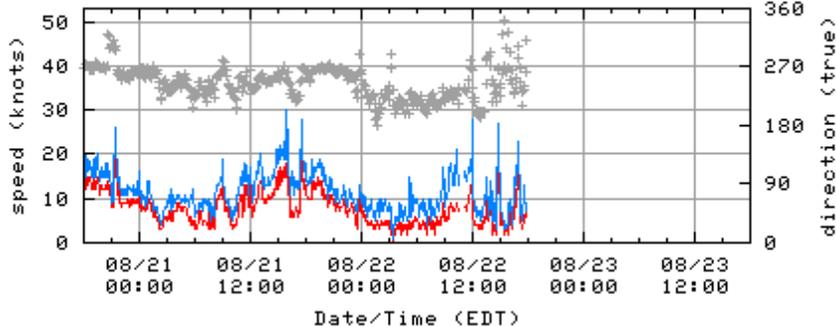
water temp. — air temp —

Last Observed Sample: 08/22/2008 17:48 (EDT)

Water Temperature: 81.5° F Air Temperature: 80.2° F

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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8725520 Fort Myers, FL
 from 08/20/2008 18:00 - 08/23/2008 18:00



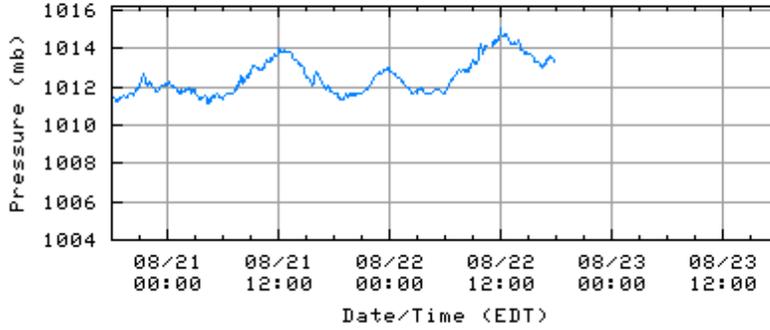
speed — gusts — direction +

Last Observed Sample: 08/22/2008 17:48 (EDT)

Wind Speed: 6 knots **Gusts: 7 knots** Direction: 310° T

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

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8725520 Fort Myers, FL
from 08/20/2008 18:00 - 08/23/2008 18:00



barometric pressure —
Last Observed Sample: 08/22/2008 17:48 (EDT)
Barometric Pressure: 1013.3 mb

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