Tropical Storm FAY beginning to make landfall on Florida's East Coast near Flagler Beach.

As of 08/21/2008 18:00 EDT, water levels from northeastern Florida to South Carolina are elevated about 1.25 to 2.40 feet above predicted. Water levels are starting to return to normal at many locations on the west coast of Florida. Water levels have returned to normal at Trident Pier, FL. Barometric pressure is still falling at Fernandina Beach, FL. Winds are decreasing at Fort Pulaski, GA with gusts up to 30 knots recorded. Wind speeds and gust continue to decrease at Trident Pier, FL.

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

Ponce De Leon, FL: Next predicted high tide is 3.00 ft (0.91 m) at 08/22/2008 00:33 EDT.
Mayport Bar Pilots, FL: Next predicted high tide is 4.69 ft (1.43 m) at 08/22/2008 00:45 EDT.

Fernandina Beach, FL: Next predicted high tide is 6.11 ft (1.86 m) at 08/22/2008 01:03 EDT.

St. Simons Island, GA: Next predicted high tide is 8.08 ft (2.46 m) at 08/22/2008 00:18 EDT.

Fort Pulaski, GA: Next predicted high tide is 6.93 ft (2.11 m) at 08/22/2008 00:15 EDT.

Charleston, SC: Next predicted high tide is 5.32 ft (1.62 m) at 08/22/2008 00:00 EDT.

Trident Pier, FL: Next predicted high tide is 3.56 ft (1.09 m) at 08/21/2008 23:51 EDT.

Fort Myers, FL: Next predicted high tide is 1.12 ft (0.34 m) at 08/21/2008 20:06 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: TB

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM FAY ADVISORY NUMBER 25
500 PM EDT THU AUG 21 2008

...FAY EXPECTED TO MOVE SLOWLY WESTWARD ACROSS FLORIDA...VERY HEAVY RAINS CONTINUE.

AT 5 PM EDT A TROPICAL STORM WATCH HAS BEEN ISSUED FOR THE GULF OF MEXICO COAST OF FLORIDA FROM THE SUWANNEE RIVER TO INDIAN PASS.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM FORT PIERCE FLORIDA NORTHWARD TO THE SAVANNAH RIVER AT THE BORDER BETWEEN GEORGIA AND SOUTH CAROLINA.

AT 500 PM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED JUST WEST OF FLAGLER BEACH FLORIDA. THE CENTER OF FAY CROSSED THE EAST COAST OF FLORIDA NEAR FLAGLER BEACH AROUND 230 PM EDT

FAY IS MOVING TOWARD THE WEST NEAR 5 MPH. THIS GENERAL SLOW MOTION SHOULD CONTINUE FOR THE NEXT COUPLE OF DAYS. ON THIS TRACK FAY IS FORECAST TO MOVE SLOWLY ACROSS THE NORTHERN FLORIDA PENINSULA TONIGHT AND EARLY FRIDAY AND BE VERY NEAR THE FLORIDA PANHANDLE BY LATE FRIDAY OR EARLY SATURDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 24 HOURS.
TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 150 MILES MAINLY TO THE EAST OF THE CENTER.

FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES ACROSS THE CENTRAL TO NORTHERN PORTION OF THE FLORIDA PENINSULA INCLUDING THE FLORIDA PANHANDLE SOUTHERN GEORGIA AND SOUTHEASTERN ALABAMA WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. RAINFALL TOTALS OF 2 TO 4 INCHES ARE POSSIBLE ACROSS THE COASTAL AREAS OF SOUTHERN SOUTH CAROLINA. ADDITIONAL RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE OVER SOUTHWEST AND SOUTHERN FLORIDA. ISOLATED STORM TOTAL ACCUMULATIONS OF 20 TO 30 INCHES HAVE BEEN OBSERVED WITH THIS SYSTEM OVER THE EAST CENTRAL COASTAL AREAS OF FLORIDA.

STORM SURGE FLOODING OF 1 TO 3 FEET ABOVE NORMAL TIDES IS POSSIBLE ALONG THE EAST COAST OF FLORIDA AND GEORGIA TO THE NORTH OF THE CENTER OF FAY.

ISOLATED TORNADOES ARE POSSIBLE TONIGHT OVER PORTIONS OF NORTHEASTERN FLORIDA AND SOUTHEASTERN GEORGIA.

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: 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 - Air/Water Temp, Fort Pulaski - Barometric, Charleston - Water Level, Trident Pier - Water Level, Trident Pier - Winds, Fort Myers - Water Level.
Ponce De Leon Inlet South, FL - Station Map

Last Observed Sample: 08/21/2008 16:54 (EDT)
Relative to MLLW: Observed: 2.52 ft. Predicted: 0.73 ft. Residual: 1.79 ft.
Historical Maximum Water Level: n/a

Mayport (Bar Pilots Dock), FL - Station Map

Last Observed Sample: 08/21/2008 18:00 (EDT)
Relative to MLLW: Observed: 3.19 ft. Predicted: 0.57 ft. Residual: 2.62 ft.
Historical Maximum Water Level: 09/17/2001, 2.15 ft. above MHHW
Fernandina Beach, FL - Station Map

Last Observed Sample: 08/21/2008 18:06 (EDT)
Relative to MLLW: Observed: 4.02 ft. Predicted: 0.70 ft. Residual: 3.32 ft.
Historical Maximum Water Level: 10/02/1898, 6.94 ft. above MHHW

Fernandina Beach, FL - Station Map

Last Observed Sample: 08/21/2008 18:06 (EDT)
Water Temperature: 78.3° F Air Temperature: 78.4° F
Fernandina Beach, FL - Station Map

NOAA/NOS/CO-OPS
Barometric Pressure Plot
9720993 Fernandina Beach, FL
from 08/19/2008 18:18 - 08/22/2008 13:18

Last Observed Sample: 08/21/2008 18:06 (EDT)
Barometric Pressure: 1006.3 mb

St. Simons Island, GA - Station Map

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8677344 St. Simons Island, GA
from 08/19/2008 15:54 - 08/22/2008 15:54

Historical Maximum Water Level: 07/22/2001, 2.41 ft. above MHHW
Fort Pulaski, GA - Station Map

Last Observed Sample: 08/21/2008 18:00 (EDT)

Relative to MLLW: Observed: 2.88 ft. Predicted: 0.71 ft. Residual: 2.17 ft.

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

Wind Speed: 21 knots  Gusts: 26 knots  Direction: 033° T
Tropical Storm FAY QuickLook, POSTED 18:00 EDT 08/21/2008

Fort Pulaski, GA - Station Map Return to List

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
9670079 Fort Pulaski, GA
from 08/19/2008 18:12 - 08/22/2008 13:12

Last Observed Sample: 08/21/2008 18:00 (EDT)
Water Temperature: 82.2° F Air Temperature: 79.0° F

Fort Pulaski, GA - Station Map Return to List

NOAA/NOS/C0-OPS
Barometric Pressure Plot
9670079 Fort Pulaski, GA
from 08/19/2008 18:12 - 08/22/2008 13:12

Last Observed Sample: 08/21/2008 18:00 (EDT)
Barometric Pressure: 1013.8 mb
Charleston, SC - Station Map

Last Observed Sample: 08/21/2008 18:00 (EDT)
Relative to MLLW: Observed: 1.91 ft. Predicted: 0.59 ft. Residual: 1.32 ft.
Historical Maximum Water Level: 09/21/1989, 6.76 ft. above MHHW

Trident Pier, FL - Station Map

Last Observed Sample: 08/21/2008 18:06 (EDT)
Relative to MLLW: Observed: 1.20 ft. Predicted: 0.49 ft. Residual: 0.71 ft.
Historical Maximum Water Level: 09/16/2001, 2.28 ft. above MHHW