As of 08/16/2009 13:00 EDT, water levels from St. Petersburg, FL to Dauphin Island, AL are rising and range between 0.5 to 1:1 ft above predicted. Wind gusts up to 32 knots have been observed in the region.

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

St. Petersburg, FL: Next predicted high tide is 2.88 ft (0.88 m) at 08/17/2009 11:21 EDT.

Mckay Bay Entrance, FL: Next predicted high tide is 3.27 ft (1.00 m) at 08/17/2009 11:33 EDT.
Clearwater Beach, FL: Next predicted high tide is 1.98 ft (0.60 m) at 08/17/2009 23:30 EDT.

Cedar Key, FL: Next predicted high tide is 3.13 ft (0.95 m) at 08/17/2009 01:03 EDT.

Apalachicola, FL: Next predicted high tide is 1.64 ft (0.50 m) at 08/17/2009 05:30 EDT.

Panama City, FL: Next predicted high tide is 2.0 ft (0.61 m) at 08/17/2009 07:54 CDT.

Pensacola, FL: Next predicted high tide is 2.1 ft (0.63 m) at 08/17/2009 08:48 CDT.

Dauphin Island, AL: Next predicted high tide is 1.9 ft (0.57 m) at 08/17/2009 08:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tide is 1.84 ft (0.56 m) at 08/17/2009 10:18 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: KG

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

.TROPICAL DEPRESSION FOUR ADVISORY NUMBER 2

1100 AM EDT SUN AUG 16 2009

...DEPRESSION APPROACHING TROPICAL STORM STRENGTH...AIRCRAFT RECONNAISSANCE WILL INVESTIGATE SOON...

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM THE ALABAMA/FLORIDA BORDER EASTWARD TO THE SUWANNEE RIVER FLORIDA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS.

AT 1100 AM EDT THE CENTER OF TROPICAL DEPRESSION FOUR WAS LOCATED ABOUT 75 MILES SOUTH-SOUTHEAST OF APALACHICOLA FLORIDA AND ABOUT 200 MILES SOUTHEAST OF PENSACOLA FLORIDA.

THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 14 MPH. THIS MOTION IS EXPECTED TO CONTINUE TODAY...AND ON THE FORECAST TRACK THE CENTER WILL BE NEAR THE NORTHERN GULF COAST OF FLORIDA BY THIS EVENING.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS EXPECTED...AND THE DEPRESSION IS FORECAST TO BECOME A TROPICAL STORM PRIOR TO REACHING THE COASTLINE.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1011 MB.
RAINFALL ACCUMULATIONS OF 3 TO 5 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE EXPECTED ACROSS THE FLORIDA PANHANDLE...THE BIG BEND REGION OF FLORIDA...SOUTHERN ALABAMA...AND SOUTHWESTERN GEORGIA NEAR THE PATH OF THE CENTER.

STORM TIDE IS EXPECTED TO PRODUCE MAXIMUM WATER LEVELS OF 3 TO 5 FEET ABOVE GROUND LEVEL ALONG PORTIONS OF THE FLORIDA PANHANDLE...INCLUDING THE BIG BEND.

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FORECASTER BRENNA/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.
Last Observed Sample: 08/16/2009 13:36 (EDT)

Relative to **MLLW**: Observed: 2.59 ft. Predicted: 1.87 ft. Residual: 0.72 ft.

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

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Last Observed Sample: 08/16/2009 13:36 (EDT)

**Wind Speed**: 7 knots  **Gusts**: 10 knots  **Direction**: 265° T
St. Petersburg, FL - Station Map

Last Observed Sample: 08/16/2009 13:36 (EDT)
Barometric Pressure: 1019.9 mb

Water Temperature: 88.4° F Air Temperature: 81.8° F
Mckay Bay Entrance, FL - Station Map

Last Observed Sample: 08/16/2009 13:30 (EDT)
Relative to MLLW: Observed: 2.99 ft. Predicted: 2.29 ft. Residual: 0.70 ft.
Historical Maximum Water Level: 10/08/1996, 4.3 ft. above MHHW

Clearwater Beach, FL - Station Map

Last Observed Sample: 08/16/2009 13:36 (EDT)
Relative to MLLW: Observed: 1.89 ft. Predicted: 0.71 ft. Residual: 1.18 ft.
Historical Maximum Water Level: 03/13/1993, 4.05 ft. above MHHW
Tropical Storm CLAUDETTE QuickLook, POSTED 13:00 EDT 08/16/2009

Clearwater Beach, FL - Station Map Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8725724 Clearwater Beach, FL
From 08/14/2009 13:54 - 08/17/2009 13:54

Last Observed Sample: 08/16/2009 13:36 (EDT)
Wind Speed: 16 knots Gusts: 17 knots Direction: 215° T

Clearwater Beach, FL - Station Map Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8725724 Clearwater Beach, FL
From 08/14/2009 13:54 - 08/17/2009 13:54

Last Observed Sample: 08/16/2009 13:36 (EDT)
Barometric Pressure: 1019.7 mb
Cedar Key, FL - Station Map

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

Apalachicola, FL - Station Map

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above MHHW
Apalachicola, FL - Station Map

Last Observed Sample: 08/16/2009 13:36 (EDT)
Wind Speed: 24 knots Gusts: 33 knots Direction: 087° T

Barometric Pressure: 1016.8 mb
Panama City, FL - Station Map

Relative to MLLW: Observed: 1.35 ft. Predicted: 0.85 ft. Residual: 0.50 ft.
Historical Maximum Water Level: 10/04/1995, 5.72 ft. above MHHW

Wind Speed: 9 knots Gusts: 19 knots Direction: 069° T
Panama City, FL - Station Map

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8729108 Panama City, FL
From 08/14/2009 12:34 - 08/17/2009 12:54

Barometric Pressure: 1016.9 mb

Pensacola, FL - Station Map

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8729040 Pensacola, FL
From 08/14/2009 12:34 - 08/17/2009 12:54

Relative to MLLW: Observed: 1.56 ft. Predicted: 1.12 ft. Residual: 0.44 ft.
Historical Maximum Water Level: 09/18/1926, 7.41 ft. above MHHW
Pensacola, FL - Station Map

Last Observed Sample: 08/16/2009 12:36 (CDT)
Wind Speed: 7 knots Gusts: 11 knots Direction: 008° T

Barometric Pressure: 1018.5 mb
Coast Guard Sector Mobile, AL - Station Map

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
3736897 Coast Guard Sector Mobile, AL
from 08/14/2009 12:54 - 08/17/2009 12:54

Last Observed Sample: 08/16/2009 12:36 (CDT)
Relative to MLLW: Observed: 1.92 ft. Predicted: 1.34 ft. Residual: 0.58 ft.
Historical Maximum Water Level: n/a

Wind Speed: 7 knots Gusts: 9 knots Direction: 092° T
Tropical Storm CLAUDETTE QuickLook, POSTED 13:00 EDT 08/16/2009

Coast Guard Sector Mobile, AL - Station Map

Last Observed Sample: 08/16/2009 12:36 (CDT)

Barometric Pressure: 1017.6 mb

Water Temperature: 86.4° F Air Temperature: 84.0° F
Last Observed Sample: 08/16/2009 12:36 (CDT)

Relative to MLLW: Observed: 1.27 ft. Predicted: 0.87 ft. Residual: 0.40 ft.
Historical Maximum Water Level: 09/02/1985, 3.36 ft. above MHHW

Wind Speed: 14 knots  Gusts: 16 knots  Direction: 065° T
Tropical Storm CLAUDETTE QuickLook, POSTED 13:00 EDT 08/16/2009

**Dauphin Island, AL - Station Map**  
Return to List

NOAA/NOS/C0-CPS  
Barometric Pressure Plot  
8735180 Dauphin Island, AL  
From 08/14/2009 12:54 - 08/17/2009 12:54

![Barometric Pressure Plot](chart1.png)

Last Observed Sample: 08/16/2009 12:36 (CDT)  
Barometric Pressure: 1017.5 mb

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**Dauphin Island, AL - Station Map**  
Return to List

NOAA/NOS/C0-CPS  
Air/Water Temperature Plot  
8735180 Dauphin Island, AL  
From 08/14/2009 12:54 - 08/17/2009 12:54

![Temperature Plot](chart2.png)

Last Observed Sample: 08/16/2009 12:36 (CDT)  
Water Temperature: 85.5° F  
Air Temperature: 80.2° F