As of 09/01/2008 23:00 CDT, water levels along the northern Gulf Coast from MS to eastern LA are returning to normal, however, they are still 1-4 feet above predicted. Water levels are rising at West Bank and New Canal, LA and are currently 1-3 feet above predicted. Barometric pressure is rising in this region. Along the Gulf Coast from Cypremort Point, LA westward to Sabine Pass North, TX, water levels are below predicted and barometric pressure is falling. Winds have decreased across the region, however, wind gusts upto 35 mph are presently being measured at Shell Beach, LA and Bay Waveland, MS.

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

West Bank 1, Bayou Gauche, LA: Next predicted high tide is 0.18 ft (0.05 m) at 09/02/2008 06:12 CDT.
New Canal Station, LA: Next predicted high tide is 0.32 ft (0.10 m) at 09/02/2008 06:59 CDT.

Grand Isle, LA: Next predicted high tide is 0.94 ft (0.29 m) at 09/02/2008 00:18 CDT.

Shell Beach, LA: Next predicted high tide is 0.92 ft (0.28 m) at 09/02/2008 04:59 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.37 ft (0.42 m) at 09/02/2008 02:00 CDT.

Dock E, Port of Pascagoula, MS: Next predicted high tide is 1.07 ft (0.33 m) at 09/02/2008 00:33 CDT.

Cypremore Point, LA: Next predicted high tide is 1.10 ft (0.34 m) at 09/02/2008 07:45 CDT.

Lake Charles, LA: Next predicted high tide is 0.96 ft (0.29 m) at 09/02/2008 09:45 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.90 ft (0.58 m) at 09/02/2008 04:18 CDT.

Sabine Pass North, TX: Next predicted high tide is 1.61 ft (0.49 m) at 09/02/2008 05:36 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

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM GUSTAV ADVISORY NUMBER 34

1000 PM CDT MON SEP 01 2008

...GUSTAV WEAKENS TO A TROPICAL STORM...

AT 10 PM CDT ALL COASTAL WARNINGS HAVE BEEN DISCONTINUED.

AT 1000 PM CDT THE CENTER OF TROPICAL STORM GUSTAV WAS LOCATED NEAR LATITUDE 31.1 NORTH, LONGITUDE 92.7 WEST OR ABOUT 20 MILES SOUTHWEST OF ALEXANDRIA LOUISIANA.

GUSTAV IS MOVING TOWARD THE NORTHWEST NEAR 13 MPH AND THIS MOTION IS EXPECTED TO CONTINUE WITH A DECREASE IN FORWARD SPEED OVER THE NEXT COUPLE OF DAYS. THIS MOTION SHOULD BRING THE CENTER OF GUSTAV ACROSS WESTERN LOUISIANA TONIGHT AND INTO NORTHEASTERN TEXAS ON TUESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. CONTINUED WEAKENING IS FORECAST AND GUSTAV IS EXPECTED TO BECOME A TROPICAL DEPRESSION ON TUESDAY.
TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 978 MB.

STORM SURGE FLOODING WILL CONTINUE TO SUBSIDE TONIGHT.

GUSTAV IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER PORTIONS OF LOUISIANA, SOUTHERN AND WESTERN MISSISSIPPI, ARKANSAS, SOUTHERN MISSOURI, SOUTHEAST OKLAHOMA AND NORTHEASTERN TEXAS, WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE THROUGH THURSDAY.

A FEW TORNADOES ARE POSSIBLE OVER THE LOWER MISSISSIPPI VALLEY AND THE CENTRAL GULF COAST TONIGHT AND EARLY TUESDAY.

FORECASTER BROWN/FRANKLIN

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.
West Bank 1, Bayou Gauche, LA - Station Map

Last Observed Sample: 09/01/2008 23:06 (CDT)

Relative to MLLW: Observed: 1.26 ft. Predicted: 0.18 ft. Residual: 1.08 ft.
Historical Maximum Water Level: n/a

Wind Speed: 21 knots Gusts: 23 knots Direction: 144° T
West Bank 1, Bayou Gauche, LA - Station Map

Barometric Pressure Plot
from 08/30/2008 23:24 - 09/02/2008 23:24

Last Observed Sample: 09/01/2008 23:06 (CDT)
Barometric Pressure: 1004.0 mb

New Canal Station, LA - Station Map

Preliminary 6 min. Water Level vs. Predicted Plot
from 08/30/2008 23:24 - 09/02/2008 23:24

Relative to MLLW: Observed: 3.37 ft. Predicted: 0.21 ft. Residual: 3.16 ft.
Historical Maximum Water Level: 09/10/1988, 3.18 ft. above MHHW
New Canal Station, LA - Station Map

Last Observed Sample: 09/01/2008 23:06 (CDT)
Wind Speed: 6 knots Gusts: 10 knots Direction: 134° T

Barometric Pressure: 1005.6 mb
Last Observed Sample: 09/01/2008 23:12 (CDT)
Relative to MLLW: Observed: 2.62 ft. Predicted: 0.93 ft. Residual: 1.69 ft.
Historical Maximum Water Level: n/a

Wind Speed: 15 knots Gusts: 23 knots Direction: 161° T
Tropical Storm GUSTAV QuickLook, POSTED 23:00 CDT 09/01/2008

Shell Beach, LA - Station Map

Last Observed Sample: 09/01/2008 23:06 (CDT)

Relative to MLLW: Observed: 4.50 ft. Predicted: 0.74 ft. Residual: 3.76 ft.
Historical Maximum Water Level: 01/20/1983, 5.69 ft. above MHHW

Wind Speed: 26 knots  Gusts: 33 knots  Direction: 149° T
Bay Waveland Yacht Club, MS - Station Map

Last Observed Sample: 09/01/2008 23:06 (CDT)

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above MHHW

Bay Waveland Yacht Club, MS - Station Map

Wind Speed: 24 knots Gusts: 30 knots Direction: 122° T
Dock E, Port of Pascagoula, MS - Station Map

Last Observed Sample: 09/01/2008 23:12 (CDT)
Relative to MLLW: Observed: 3.71 ft. Predicted: 1.02 ft. Residual: 2.69 ft.
Historical Maximum Water Level: n/a

Cypremort Point, LA - Station Map

Last Observed Sample: 09/01/2008 22:48 (CDT)
Relative to MLLW: Observed: 1.26 ft. Predicted: 1.03 ft. Residual: 0.23 ft.
Historical Maximum Water Level: n/a
**Lake Charles, LA - Station Map**  

Relative to MLLW: Observed: -0.16 ft. Predicted: 0.96 ft. Residual: -1.12 ft.  
Historical Maximum Water Level: n/a

**Calcasieu Pass, LA - Station Map**  

Relative to MLLW: Observed: 0.02 ft. Predicted: 0.88 ft. Residual: -0.86 ft.  
Historical Maximum Water Level: n/a
Calcasieu Pass, LA - Station Map

Last Observed Sample: 09/01/2008 23:18 (CDT)
Wind Speed: 22 knots Gusts: 30 knots Direction: 245° T

Barometric Pressure: 997.6 mb
Sabine Pass North, TX - Station Map

Last Observed Sample: 09/01/2008 23:06 (CDT)
Relative to MLLW: Observed: -0.37 ft. Predicted: 0.77 ft. Residual: -1.14 ft.

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Wind Speed: 12 knots  Gusts: 22 knots  Direction: 270° T
Sabine Pass North, TX - Station Map

Barometric Pressure Plot
S770370 Sabine Pass North, TX

From 09/01/2008 23:24 to 09/02/2008 23:24

Last Observed Sample: 09/01/2008 23:06 (CDT)

Barometric Pressure: 1000.3 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
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