As of 09/02/2011 11:00 CDT, water levels along the U.S. coast of Gulf of Mexico from Mississippi to eastern Texas are rising and range from 0.7 to 2.0 feet above predicted. Winds are increasing. Wind gusts up to 25-30 knots have been observed at Shell beach, LA and at Freshwater Canal Locks, LA. Barometric pressure is gradually falling across the region.

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

Pascagoula NOAA Lab, MS: Next predicted high tides are 1.5 ft (0.47 m) at 09/03/2011 01:18 CDT and 1.6 ft (0.51 m) at 09/04/2011 02:30 CDT.

Shell Beach, LA: Next predicted high tides are 1.5 ft (0.46 m) at 09/03/2011 06:12 CDT and 1.6 ft (0.49 m) at 09/04/2011 06:56 CDT.
New Canal Station, LA: Next predicted high tides are 0.5 ft (0.14 m) at 09/03/2011 11:04 CDT and 0.5 ft (0.14 m) at 09/04/2011 11:44 CDT.

East Bank 1, Norco, B. LaBranche, LA: Next predicted high tides are 0.4 ft (0.12 m) at 09/02/2011 11:37 CDT and 0.4 ft (0.13 m) at 09/03/2011 12:47 CDT.

LAWMA, Amerada Pass, LA: Next predicted high tides are 1.2 ft (0.38 m) at 09/02/2011 21:39 CDT and 1.0 ft (0.32 m) at 09/03/2011 06:30 CDT.

Grand Isle, LA: Next predicted high tides are 1.5 ft (0.44 m) at 09/03/2011 02:04 CDT and 1.5 ft (0.47 m) at 09/04/2011 03:06 CDT.

Freshwater Canal Locks, LA: Next predicted high tides are 2.0 ft (0.60 m) at 09/02/2011 20:46 CDT and 1.8 ft (0.55 m) at 09/03/2011 03:49 CDT.

Lake Charles, LA: Next predicted high tides are 1.1 ft (0.33 m) at 09/02/2011 10:31 CDT and 1.1 ft (0.34 m) at 09/03/2011 01:35 CDT.

Calcasieu Pass, LA: Next predicted high tides are 2.0 ft (0.62 m) at 09/02/2011 20:53 CDT and 2.0 ft (0.61 m) at 09/03/2011 05:43 CDT.

Sabine Pass North, TX: Next predicted high tides are 1.8 ft (0.54 m) at 09/02/2011 21:21 CDT and 1.7 ft (0.53 m) at 09/03/2011 06:35 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
WATCHES AND WARNINGS
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CHANGES WITH THIS ADVISORY...

NONE

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* PASCAGOULA MISSISSIPPI WESTWARD TO SABINE PASS TEXAS...INCLUDING THE CITY OF NEW ORLEANS...LAKE PONTCHARTRAIN...AND LAKE MAUREPAS

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN THE NEXT 24 HOURS.

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

DISCUSSION AND 48-HOUR OUTLOOK
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AT 1000 AM CDT...THE CENTER OF TROPICAL DEPRESSION THIRTEEN WAS LOCATED NEAR LATITUDE 27.3 NORTH...LONGITUDE 91.5 WEST. THE DEPRESSION IS DRIFTING TOWARD THE NORTHWEST NEAR 2 MPH...4 KM/H.
A CONTINUED SLOW AND POSSIBLY ERRATIC MOTION TOWARD THE NORTHWEST OR NORTH IS EXPECTED TODAY AND SATURDAY. ON THE FORECAST TRACK... THE CENTER OF THE CYCLONE IS EXPECTED TO APPROACH THE COAST OF SOUTHERN LOUISIANA DURING THE WEEKEND.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH...WITH HIGHER GUSTS. GRADUAL STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS AND THE DEPRESSION COULD BECOME A TROPICAL STORM LATER TODAY. WINDS OF TROPICAL STORM FORCE ARE BEING REPORTED ON OIL RIGS NORTH AND EAST OF THE CENTER AT ELEVATIONS OF A FEW HUNDRED FEET.

THE ESTIMATED MINIMUM CENTRAL PRESSURE BASED ON REPORTS FROM NEARBY OIL RIGS AND AN AIR FORCE RESERVE RECONNAISSANCE AIRCRAFT IS 1005 MB.

HAZARDS AFFECTING LAND
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RAINFALL...THE DEPRESSION IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 10 TO 15 INCHES OVER SOUTHERN LOUISIANA...SOUTHERN MISSISSIPPI...AND SOUTHERN ALABAMA THROUGH SUNDAY...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 20 INCHES. THESE RAINS ARE EXPECTED TO CAUSE EXTENSIVE FLOODING.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 2 TO 4 FEET
ABOVE GROUND LEVEL ALONG THE NORTHERN GULF COAST IN AREAS OF ONSHORE FLOW.

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST WITHIN THE WARNING AREA THIS EVENING...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS.

TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTHERN LOUISIANA TONIGHT.

FORECASTER STEWART

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.

Pascagoula NOAA Lab, MS - Return to List

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 1.34 ft. Predicted: 0.16 ft. Residual: 1.18 ft.
Historical Maximum Water Level: Sep 1 2008, 4.9 ft. above MHHW

Shell Beach, LA - Return to List

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 2.67 ft. Predicted: 0.63 ft. Residual: 2.04 ft.
Historical Maximum Water Level: Sep 1 2008, 8.84 ft. above MHHW
Tropical Depression THIRTEEN QuickLook, POSTED 11:00 CDT 09/02/2011

Shell Beach, LA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8761305 Shell Beach, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Wind Speed: 15 knots Gusts: 19 knots Direction: 94° T

Shell Beach, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8761305 Shell Beach, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Water Temperature: 82.8° F Air Temperature: 76.9° F
New Canal Station, LA - Return to List

Preliminary 6 min. Water Level vs. Predicted Plot
8761927 New Canal Station, LA
from 08/31/2011 10:34 - 09/03/2011 10:34

Last Observed Sample: 09/02/2011 10:48 (CDT)

Relative to MLLW: Observed: 2.25 ft. Predicted: 0.44 ft. Residual: 1.81 ft.
Historical Maximum Water Level: Sep 13 2008, 4.98 ft. above MHHW

New Canal Station, LA - Return to List

Wind Speed/Gusts/Dir
8761927 New Canal Station, LA
from 08/31/2011 10:44 - 09/03/2011 10:44

Last Observed Sample: 09/02/2011 10:48 (CDT)

Wind Speed: 12 knots Gusts: 16 knots Direction: 84° T
New Canal Station, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8761927 New Canal Station, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:48 (CDT)
Barometric Pressure: 1012.3 mb

New Canal Station, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8761927 New Canal Station, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:48 (CDT)
Water Temperature: 84.6° F Air Temperature: 80.1° F
East Bank 1, Norco, B. LaBranche, LA - Return to List

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 1.85 ft. Predicted: 0.41 ft. Residual: 1.44 ft.
Historical Maximum Water Level: Aug 30 2005, 5.3 ft. above MHHW

East Bank 1, Norco, B. LaBranche, LA - Return to List

Wind Speed: 12 knots  Gusts: 18 knots  Direction: 101° T
Tropical Depression THIRTEEN QuickLook, POSTED 11:00 CDT 09/02/2011

East Bank 1, Norco, B. LaBranche, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8762372 East Bank 1, Norco, B. Labranche, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Barometric Pressure: 1012.1 mb

East Bank 1, Norco, B. LaBranche, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8762372 East Bank 1, Norco, B. Labranche, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Water Temperature: 83.0° F Air Temperature: 80.2° F
Tropical Depression THIRTEEN QuickLook, POSTED 11:00 CDT 09/02/2011

**LAWMA, Amerada Pass, LA - Return to List**

**NOAA/NOS/C0-CPS**

Preliminary 6 min. Water Level vs. Predicted Plot
8764227 LAWMA, Amerada Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

<table>
<thead>
<tr>
<th>Date/Time (CDT)</th>
<th>Height (feet relative to MLLW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/31</td>
<td>0.00</td>
</tr>
<tr>
<td>09/01</td>
<td>0.50</td>
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<tr>
<td>09/02</td>
<td>0.79</td>
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<td>09/02 12:00</td>
<td>0.60</td>
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<tr>
<td>09/02 12:00</td>
<td>0.62</td>
</tr>
<tr>
<td>09/03</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Predicted WL: blue line
Observed WL: red line
(Obs-Pred): green line
HAT: purple line

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 0.79 ft. Predicted: 0.17 ft. Residual: 0.62 ft.
Historical Maximum Water Level: Sep 12 2008, 5.92 ft. above MHHW

**LAWMA, Amerada Pass, LA - Return to List**

**NOAA/NOS/C0-CPS**

Wind Speed/Gusts/Dir
8764227 LAWMA, Amerada Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

<table>
<thead>
<tr>
<th>Date/Time (CDT)</th>
<th>Speed (knots)</th>
<th>Gusts (knots)</th>
<th>Direction (true)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/31</td>
<td>5</td>
<td>10</td>
<td>270</td>
</tr>
<tr>
<td>09/01</td>
<td>15</td>
<td>20</td>
<td>330</td>
</tr>
<tr>
<td>09/02</td>
<td>25</td>
<td>30</td>
<td>315</td>
</tr>
<tr>
<td>09/02 12:00</td>
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<td>300</td>
</tr>
<tr>
<td>09/03</td>
<td>10</td>
<td>15</td>
<td>120</td>
</tr>
</tbody>
</table>

Last Observed Sample: 09/02/2011 10:54 (CDT)
Wind Speed: 10 knots Gusts: 19 knots Direction: 66° T
Barometric Pressure Plot

<table>
<thead>
<tr>
<th>Date/Time (CDT)</th>
<th>Pressure (mb)</th>
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</thead>
<tbody>
<tr>
<td>08/31 12:00</td>
<td>1017</td>
</tr>
<tr>
<td>09/01 00:00</td>
<td>1016</td>
</tr>
<tr>
<td>09/02 12:00</td>
<td>1015</td>
</tr>
<tr>
<td>09/02 00:00</td>
<td>1014</td>
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<tr>
<td>09/02 12:00</td>
<td>1013</td>
</tr>
<tr>
<td>09/03 12:00</td>
<td>1012</td>
</tr>
</tbody>
</table>

Last Observed Sample: 09/02/2011 10:54 (CDT)
Barometric Pressure: 1010.2 mb

Air/Water Temperature Plot

<table>
<thead>
<tr>
<th>Date/Time (CDT)</th>
<th>Temperature (°F)</th>
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</thead>
<tbody>
<tr>
<td>08/31 12:00</td>
<td>95</td>
</tr>
<tr>
<td>09/01 00:00</td>
<td>94</td>
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<tr>
<td>09/02 12:00</td>
<td>85</td>
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<td>09/02 00:00</td>
<td>84</td>
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<td>09/02 12:00</td>
<td>83</td>
</tr>
<tr>
<td>09/03 12:00</td>
<td>82</td>
</tr>
</tbody>
</table>

Last Observed Sample: 09/02/2011 10:54 (CDT)
Water Temperature: 83.3° F Air Temperature: 77.7° F
Grand Isle, LA

Relative to MLLW: Observed: 1.77 ft. Predicted: 0.32 ft. Residual: 1.45 ft.
Historical Maximum Water Level: Aug 29 2005, 4.54 ft. above MHHW

Freshwater Canal Locks, LA

Relative to MLLW: Observed: 1.43 ft. Predicted: 0.12 ft. Residual: 1.31 ft.
Historical Maximum Water Level: Sep 12 2008, 7.98 ft. above MHHW
Freshwater Canal Locks, LA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
E765072 Freshwater Canal Locks, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Wind Speed: 15 knots  Gusts: 28 knots  Direction: 34° T

Last Observed Sample: 09/02/2011 10:48 (CDT)

Freshwater Canal Locks, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
E765072 Freshwater Canal Locks, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Barometric Pressure: 1009.2 mb

Last Observed Sample: 09/02/2011 10:48 (CDT)
Freshwater Canal Locks, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
876072 Freshwater Canal Locks, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:48 (CDT)
Water Temperature: 86.5° F Air Temperature: 80.6° F

Lake Charles, LA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8767816 Lake Charles, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 2.05 ft. Predicted: 1.07 ft. Residual: 0.98 ft.
Historical Maximum Water Level: Oct 16 2006, 2.22 ft. above MHHW
Tropical Depression THIRTEEN QuickLook, POSTED 11:00 CDT 09/02/2011

Lake Charles, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
876/816 Lake Charles, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Barometric Pressure: 1011.9 mb

Lake Charles, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
876/816 Lake Charles, LA
From 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Water Temperature: n/a Air Temperature: 84.8° F
Calcasieu Pass, LA - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8768994 Calcasieu Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Relative to MLLW: Observed: 1.76 ft. Predicted: 0.46 ft. Residual: 1.30 ft.
Historical Maximum Water Level: Sep 13 2008, 9.96 ft. above MHHW

Calcasieu Pass, LA - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8768994 Calcasieu Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Last Observed Sample: 09/02/2011 10:54 (CDT)
Wind Speed: 19 knots Gusts: 25 knots Direction: 70° T
Calcasieu Pass, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8766094 Calcasieu Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Barometric Pressure: 1010.9 mb

Last Observed Sample: 09/02/2011 10:54 (CDT)

Calcasieu Pass, LA - Return to List

NOAA/NOS/C0-CPS
Air/Water Temperature Plot
8766094 Calcasieu Pass, LA
from 08/31/2011 10:54 - 09/03/2011 10:54

Water Temperature: 87.3° F Air Temperature: 82.7° F

Last Observed Sample: 09/02/2011 10:54 (CDT)
Sabine Pass North, TX - Return to List

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8770570 Sabine Pass North, TX
from 08/31/2011 11:00 - 09/03/2011 11:00

Last Observed Sample: 09/02/2011 10:48 (CDT)
Relative to MLLW: Observed: 1.56 ft. Predicted: 0.61 ft. Residual: 0.95 ft.
Historical Maximum Water Level: Sep 11 1998, 3.32 ft. above MHHW

Sabine Pass North, TX - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8770570 Sabine Pass North, TX
from 08/31/2011 11:00 - 09/03/2011 11:00

Last Observed Sample: 09/02/2011 10:48 (CDT)
Wind Speed: 17 knots Gusts: 21 knots Direction: 42° T
Tropical Depression THIRTEEN QuickLook, POSTED 11:00 CDT 09/02/2011

Sabine Pass North, TX - Return to List

Barometric Pressure Plot
8770570 Sabine Pass North, TX
from 08/31/2011 11:00 - 09/03/2011 11:00

Last Observed Sample: 09/02/2011 10:48 (CDT)
Barometric Pressure: 1012.3 mb

Sabine Pass North, TX - Return to List

Air/Water Temperature Plot
8770570 Sabine Pass North, TX
from 08/31/2011 11:00 - 09/03/2011 11:00

Last Observed Sample: 09/02/2011 10:48 (CDT)
Water Temperature: 88.2° F Air Temperature: 83.3° F