As of 10/05/2013 17:00 CDT, water levels across the northern Gulf of Mexico from south central Louisiana to the Florida panhandle remain elevated and range between 0.5 and 1.5 feet above tidal predictions. Winds are slowly increasing from Grand Isle, LA to Dauphin Island, LA and are measuring between 10 and 15 knots with some gusts between 20 and 25 knots. Barometric pressure is falling slightly across southeast Louisiana.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Freshwater Canal Locks, LA: Next predicted high tides are 1.7 ft (0.50 m) at 10/06/2013 02:52 CDT and 2.1 ft (0.64 m) at 10/06/2013 16:19 CDT.
LAWMA, Amerada Pass, LA: Next predicted high tides are 1.4 ft (0.44 m) at 10/05/2013 17:32 CDT and 1.1 ft (0.35 m) at 10/06/2013 04:07 CDT.

Grand Isle, LA: Next predicted high tides are 1.3 ft (0.40 m) at 10/05/2013 22:38 CDT and 1.4 ft (0.44 m) at 10/06/2013 23:11 CDT.

Pilottown, LA: Next predicted high tides are 0.9 ft (0.26 m) at 10/05/2013 23:00 CDT and 1.0 ft (0.30 m) at 10/06/2013 23:25 CDT.

Shell Beach, LA: Next predicted high tides are 0.9 ft (0.27 m) at 10/05/2013 19:56 CDT and 1.2 ft (0.36 m) at 10/06/2013 04:01 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.8 ft (0.56 m) at 10/06/2013 00:42 CDT and 2.0 ft (0.63 m) at 10/07/2013 01:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tides are 1.3 ft (0.40 m) at 10/06/2013 00:04 CDT and 1.5 ft (0.45 m) at 10/07/2013 00:43 CDT.

Dauphin Island, AL: Next predicted high tides are 1.5 ft (0.44 m) at 10/05/2013 22:59 CDT and 1.6 ft (0.49 m) at 10/06/2013 23:34 CDT.

Pensacola, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 23:31 CDT and 1.7 ft (0.51 m) at 10/07/2013 00:02 CDT.

Panama City, FL: Next predicted high tides are 1.5 ft (0.46 m) at 10/05/2013 22:33 CDT and 1.6 ft (0.51 m) at 10/06/2013 23:05 CDT.

Apalachicola, FL: Next predicted high tides are 1.8 ft (0.56 m) at 10/06/2013 04:20 EDT and 1.7 ft (0.53 m) at 10/06/2013 18:27 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: PFF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM KAREN ADVISORY NUMBER 11
NWS NATIONAL HURRICANE CENTER MIAMI FL
400 PM CDT SAT OCT 05 2013

...KAREN STILL A TROPICAL STORM...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED WEST OF GRAND ISLE LOUISIANA.
ALL TROPICAL STORM WATCHES HAVE BEEN DISCONTINUED.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* GRAND ISLE LOUISIANA TO THE MOUTH OF THE PEARL RIVER

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE IN THE NEXT 12 TO 24 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES... 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 400 PM CDT THE CENTER OF TROPICAL STORM KAREN WAS LOCATED ABOUT 115 MI SSW OF MORGAN CITY LOUISIANA AND ABOUT 170 MI WSW OF THE MOUTH OF THE MISSISSIPPI RIVER. KAREN IS MOVING TOWARD THE NORTH NEAR 2 MPH. A TURN TOWARD THE NORTHEAST IS EXPECTED TONIGHT FOLLOWED BY A TURN TOWARD THE EAST-NORTHEAST AND AN INCREASE IN FORWARD SPEED ON SUNDAY. A TURN TOWARD THE EAST IS FORECAST MONDAY. ON THE FORECAST TRACK...THE CENTER OF KAREN WILL MOVE NEAR OR OVER PORTIONS OF SOUTHEASTERN LOUISIANA TONIGHT AND SUNDAY...AND MOVE JUST SOUTH OF THE GULF COAST FROM ALABAMA TO THE FLORIDA PANHANDLE SUNDAY NIGHT AND MONDAY.

DATA FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS REMAIN NEAR 40 MPH WITH HIGHER GUSTS. KAREN IS EXPECTED TO WEAKEN TO A TROPICAL DEPRESSION ON SUNDAY...AND BECOME A REMNANT LOW BY MONDAY.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 35 MILES MAINLY TO THE EAST AND SOUTHEAST OF THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1007 MB...29.74 INCHES.

HAZARDS AFFECTING LAND
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WIND...TROPICAL STORM CONDITIONS ARE EXPECTED IN PORTIONS OF THE WARNING AREA TONIGHT AND SUNDAY...MAINLY IN RAINBANDS.

STORM SURGE...THE COMBINATION OF STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE:

SOUTHEAST LOUISIANA AND THE MISSISSIPPI COAST...1 TO 3 FT
THE HIGHEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST...WHERE THE SURGE WILL BE ACCOMPANIED BY DANGEROUS WAVES. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...KAREN IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES OVER PORTIONS OF THE CENTRAL GULF COAST AND SOUTHEAST UNITED STATES THROUGH MONDAY EVENING...MAINLY NEAR AND TO THE RIGHT OF THE PATH OF THE CENTER. ISOLATED STORM TOTAL AMOUNTS OF 6 INCHES ARE POSSIBLE.

FORECASTER BRENNAAN
Freshwater Canal Locks, LA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
876072 Freshwater Canal Locks, LA
From 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:30 (CDT)
Historical Maximum Water Level: Sep 12 2008, 10.13 ft. above MLLW

Freshwater Canal Locks, LA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
876072 Freshwater Canal Locks, LA
From 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:30 (CDT)
Wind Speed: 12 knots Gusts: 16 knots Direction: 91° T
**Tropical Storm KAREN QuickLook, POSTED 17:00 CDT 10/05/2013**

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

**NOAA/NOS/CO-OPS**

Preliminary 6 min. Water Level vs. Predicted Plot
8764227 LAWMA, Amerada Pass, LA

FROM 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:30 (CDT)
Historical Maximum Water Level: Sep 12 2008, 7.50 ft. above MLLW

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

**NOAA/NOS/CO-OPS**

Wind Speed/Gusts/Dir
8764227 LAWMA, Amerada Pass, LA
FROM 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:30 (CDT)
Wind Speed: 5 knots Gusts: 10 knots Direction: 127° T
Grand Isle, LA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8/61/24 Grand Isle, LA
FROM 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Historical Maximum Water Level: Aug 29 2005, 5.59 ft. above MLLW

Grand Isle, LA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8/61/24 Grand Isle, LA
FROM 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 15 knots Gusts: 19 knots Direction: 140° T
Grand Isle, LA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8/6/12 Grand Isle, LA
from 10/03/2013 16:35 - 10/06/2013 16:36

Barometric Pressure: 1012.5 mb

Last Observed Sample: 10/05/2013 16:42 (CDT)

Pilottown, LA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8/6/12 Pilottown, LA
from 10/03/2013 16:35 - 10/06/2013 16:36

Relative to MLLW: Observed: 1.26 ft. Predicted: 0.49 ft. Residual: 0.77 ft.
Historical Maximum Water Level: n/a
Pilottown, LA - Return to List

NOAA/NWS/C0-OPS
Wind Speed/Gusts/Dir
8/6/21 Pilottown, LA
from 10/03/2013 16:35 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 11 knots Gusts: 18 knots Direction: 146° T

Pilottown, LA - Return to List

NOAA/NWS/C0-OPS
Barometric Pressure Plot
8/6/21 Pilottown, LA
from 10/03/2013 16:35 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Barometric Pressure: 1012.9 mb
Tropical Storm KAREN QuickLook, POSTED 17:00 CDT 10/05/2013

Shell Beach, LA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
3761305 Shell Beach, LA
from 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Relative to MLLW: Observed: 2.09 ft. Predicted: 0.71 ft. Residual: 1.38 ft.
Historical Maximum Water Level: Aug 29 2012, 10.88 ft. above MLLW

Shell Beach, LA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
3761305 Shell Beach, LA
from 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 13 knots Gusts: 17 knots Direction: 125° T
Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8747437 Bay Waveland Yacht Club, MS
from 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:36 (CDT)
Relative to MLLW: Observed: 2.39 ft. Predicted: 1.45 ft. Residual: 0.94 ft.
Historical Maximum Water Level: Sep 1 2008, 10.89 ft. above MLLW

Bay Waveland Yacht Club, MS - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8747437 Bay Waveland Yacht Club, MS
from 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:36 (CDT)
Wind Speed: 16 knots Gusts: 18 knots Direction: 134° T
Bay Waveland Yacht Club, MS - Return to List

NOAA/NWS/C0-CPS
Barometric Pressure Plot
8747437 Bay Waveland Yacht Club, MS
From 10/03/2013 16:36 - 10/06/2013 16:36

Last Observed Sample: 10/05/2013 16:36 (CDT)
Barometric Pressure: 1013.1 mb

Coast Guard Sector Mobile, AL - Return to List

NOAA/NWS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8736897 Coast Guard Sector Mobile, AL
From 10/03/2013 16:35 - 10/06/2013 16:35

Last Observed Sample: 10/05/2013 16:42 (CDT)
Relative to MLLW: Observed: 2.10 ft. Predicted: 0.88 ft. Residual: 1.22 ft.
Historical Maximum Water Level: Sep 1 2008, 5.41 ft. above MLLW
Coast Guard Sector Mobile, AL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
3736897 Coast Guard Sector Mobile, AL
from 10/03/2013 16:36 - 10/06/2013 16:36

Wind Speed: 7 knots
Gusts: 11 knots
Direction: 174° T

Last Observed Sample: 10/05/2013 16:42 (CDT)

Dauphin Island, AL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8735389 Dauphin Island, AL
from 10/03/2013 16:36 - 10/06/2013 16:36

Relative to MLLW: Observed: 1.70 ft. Predicted: 0.95 ft. Residual: 0.75 ft.
Historical Maximum Water Level: Sep 16 2004, 7.14 ft. above MLLW
Dauphin Island, AL - Return to List

NOAA NOS C0-CPS
Wind Speed/Gusts/Dir
8735380 Dauphin Island, AL
From 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:36 (CDT)
Wind Speed: 17 knots Gusts: 17 knots Direction: 125° T

Dauphin Island, AL - Return to List

NOAA NOS C0-CPS
Barometric Pressure Plot
8735380 Dauphin Island, AL
From 10/03/2013 16:36 - 10/05/2013 16:36

Last Observed Sample: 10/05/2013 16:36 (CDT)
Barometric Pressure: 1015.0 mb
Tropical Storm KAREN QuickLook, POSTED 17:00 CDT 10/05/2013

Pensacola, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8729840 Pensacola, FL
from 10/03/2013 16:48 - 10/05/2013 16:48

Height (Feet relative to MLLW)

Date/Time (CDT)

Predicted Tide  (Obs-Pred)  NHMW  Observed WIL

Last Observed Sample: 10/05/2013 16:42 (CDT)
Relative to MLLW: Observed: 1.73 ft. Predicted: 1.04 ft. Residual: 0.69 ft.
Historical Maximum Water Level: Sep 18 1926, 8.67 ft. above MLLW

Pensacola, FL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8729840 Pensacola, FL
from 10/03/2013 16:48 - 10/05/2013 16:48

Speed (knots)

Date/Time (CDT)

speed  gusts  direction +

Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 9 knots  Gusts: 11 knots  Direction: 163° T
Panama City, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8729108 Panama City, FL
from 10/03/2013 16:48 - 10/05/2013 16:48

Last Observed Sample: 10/05/2013 16:42 (CDT)
Relative to MLLW: Observed: 1.68 ft. Predicted: 1.11 ft. Residual: 0.57 ft.
Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

Panama City, FL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8729108 Panama City, FL
from 10/03/2013 16:48 - 10/05/2013 16:48

Last Observed Sample: 10/05/2013 16:42 (CDT)
Wind Speed: 5 knots Gusts: 7 knots Direction: 185° T
Apalachicola, FL - Return to List

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8728690 Apalachicola, FL
From 10/03/2013 17:48 - 10/05/2013 17:48

Last Observed Sample: 10/05/2013 17:42 (EDT)
Relative to MLLW: Observed: 2.28 ft. Predicted: 1.73 ft. Residual: 0.55 ft.
Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

Apalachicola, FL - Return to List

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
8728690 Apalachicola, FL
From 10/03/2013 17:48 - 10/05/2013 17:48

Last Observed Sample: 10/05/2013 17:42 (EDT)
Wind Speed: 6 knots Gusts: 8 knots Direction: 137° T