Storm Analysis

Water level and meteorological plots available below are updated automatically. Water Level Observations on Mean Lower Low Water as of 9/21/2007 13:30 CDT are:

Cedar Key, FL ~ 1.53 ft (0.47 m) above predicted. Next high tide Fri 9/21/2007 at 23:04 CDT.

Clearwater Beach, FL ~ 0.78 ft (0.24 m) above predicted. Next high tide Fri 9/21/2007 at 21:16 CDT.

Panama City, FL ~ 0.51 ft (0.16 m) above predicted. Next high tide Sat 9/22/2007 at 05:35 CDT.

Pensacola, FL ~ 0.21 ft (0.06 m) above predicted. Next high tide Sat 9/22/2007 at 06:32 CDT.

Pascagoula NOAA Lab, MS ~ 0.53 ft (0.16 m) above predicted. Next high tide Sat 9/22/2007 at
05:32 CDT.

Pilots Station East, SW Pass, LA ~ 0.47 ft (0.14 m) above predicted. Next high tide Sat 9/22/2007 at 04:47 CDT.

New Canal Station, LA ~ 0.87 ft (0.27 m) above predicted. Next high tide Fri 9/21/2007 at 14:41 CDT.

-------------------------------

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...DEPRESSION BECOMES TROPICAL...

SATELLITE IMAGERY INDICATES THAT THE SUBTROPICAL DEPRESSION HAS ACQUIRED ENOUGH TROPICAL CHARACTERISTICS TO BE CONSIDERED A TROPICAL DEPRESSION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM APALACHICOLA FLORIDA WESTWARD TO THE MOUTH OF THE MISSISSIPPI RIVER...INCLUDING NEW ORLEANS AND LAKE PONTOCHARTRAIN. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 100 PM CDT THE CENTER OF TROPICAL DEPRESSION TEN WAS LOCATED NEAR LATITUDE 29.7 NORTH, LONGITUDE 85.9 WEST OR ABOUT 50 MILES SOUTHWEST OF APALACHICOLA FLORIDA AND ABOUT 155 MILES EAST-SOUTHEAST OF MOBILE ALABAMA.

THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 11 MPH. A TURN TO THE WEST-NORTHWEST IS EXPECTED DURING THE NEXT 24 HOURS. ON THE FORECAST TRACK...THE CENTER OF THE DEPRESSION WILL BE MOVING NEARLY PARALLEL TO THE COASTLINE WITHIN THE WARNING AREA TODAY AND TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. THE DEPRESSION IS EXPECTED TO BECOME A TROPICAL STORM LATER TODAY OR TOMORROW.

THE MINIMUM CENTRAL PRESSURE WAS 1006 MB.

RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES CAN BE EXPECTED IN ASSOCIATION WITH THE DEPRESSION.

ISOLATED TORNADOES ARE POSSIBLE OVER SOUTHWESTERN GEORGIA, THE FLORIDA PANHANDLE AND SOUTHEASTERN ALABAMA THROUGH TONIGHT.

COASTAL STORM SURGE FLOODING OF 1 TO 2 FEET ABOVE NORMAL TIDE LEVELS CAN BE EXPECTED IN AREAS OF ONSHORE FLOW.

-------------------------------

For additional data and more information on the Storm QuickLook product, please see www.tidesandcurrents.noaa.gov.
Water level analyst: CM

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: Cedar Key - Water Level, Cedar Key - Winds, Cedar Key - Barometric, Clearwater Beach - Water Level, Clearwater Beach - Winds, Clearwater Beach - Barometric, Panama City - Water Level, Panama City - Barometric, Pensacola - Water Level, Pensacola - Winds, Pensacola - Barometric, Pascagoula NOAA Lab - Water Level, Pilots Station East, SW Pass - Water Level, Pilots Station East, SW Pass - Winds, Pilots Station East, SW Pass - Barometric, New Canal Station - Water Level, New Canal Station - Winds, New Canal Station - Barometric.
Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

Cedar Key, FL - Station Map Return to List

Cedar Key, FL - Station Map Return to List

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

Wind Speed: 11 knots Gusts: 14 knots Direction: 122° T
Cedar Key, FL - Station Map

Last Observed Sample: 09/21/2007 14:12 (EDT)
Barometric Pressure: 1012.6 mb

Clearwater Beach, FL - Station Map

Last Observed Sample: 09/21/2007 14:12 (EDT)
Relative to MLLW: Observed: 1.30 ft. Predicted: 0.64 ft. Residual: 0.66 ft.
Historical Maximum Water Level: 03/13/1993, 4.05 ft. above MHHW
Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

Clearwater Beach, FL - Station Map  

NOAA/NOS/CO-OPS  

Wind Speed/Gusts/Dir  

from 09/19/2007 14:24 - 09/22/2007 14:24  

Last Observed Sample: 09/21/2007 14:12 (EDT)  

Wind Speed: 14 knots  
Gusts: 16 knots  
Direction: 205° T

Barometric Pressure: 1012.3 mb
Panama City, FL - Station Map

Last Observed Sample: 09/21/2007 13:12 (CDT)

Relative to MLLW: Observed: 1.08 ft. Predicted: 0.53 ft. Residual: 0.55 ft.

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above MHHW

Panama City, FL - Station Map

Last Observed Sample: 09/21/2007 13:12 (CDT)

Barometric Pressure: 1007.3 mb
Pensacola, FL - Station Map

Last Observed Sample: 09/21/2007 13:12 (CDT)
Relative to MLLW: Observed: 0.95 ft. Predicted: 0.73 ft. Residual: 0.22 ft.
Historical Maximum Water Level: 09/18/1926, 7.41 ft. above MHHW

Pensacola, FL - Station Map

Last Observed Sample: 09/21/2007 13:12 (CDT)
Wind Speed: 6 knots Gusts: 12 knots Direction: 344° T
Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

**Pensacola, FL - Station Map**

NOAA/NOS/C0-DPS Barometric Pressure Plot

Last Observed Sample: 09/21/2007 13:12 (CDT)
Barometric Pressure: 1009.7 mb

**Pascagoula NOAA Lab, MS - Station Map**

NOAA/NOS/C0-DPS Preliminary 6 min. Water Level vs. Predicted Plot
S741553 Pascagoulas NOAA Lab, MS from 09/19/2007 13:24 - 09/22/2007 13:24

Last Observed Sample: 09/21/2007 13:12 (CDT)
Relative to MLLW: Observed: 0.88 ft. Predicted: 0.31 ft. Residual: 0.57 ft.
Historical Maximum Water Level: n/a
Pilots Station East, SW Pass, LA - Station Map

Last Observed Sample: 09/21/2007 13:18 (CDT)

Relative to MLLW: Observed: 0.81 ft. Predicted: 0.32 ft. Residual: 0.49 ft.
Historical Maximum Water Level: n/a

Wind Speed: 14 knots Gusts: 19 knots Direction: 018° T
Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

**Pilots Station East, SW Pass, LA - Station Map**

- Last Observed Sample: 09/21/2007 13:18 (CDT)
- Barometric Pressure: 1011.3 mb

**New Canal Station, LA - Station Map**

- Last Observed Sample: 09/21/2007 13:18 (CDT)
- Relative to MLLW: Observed: 1.29 ft. Predicted: 0.41 ft. Residual: 0.88 ft.
- Historical Maximum Water Level: 09/10/1988, 3.18 ft. above MHHW
Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

New Canal Station, LA - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
6761927 New Canal Station, LA
from 09/19/2007 13:30 - 09/22/2007 13:30

Last Observed Sample: 09/21/2007 13:18 (CDT)
Wind Speed: 10 knots Gusts: 12 knots Direction: 021° T

New Canal Station, LA - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
6761927 New Canal Station, LA
from 09/19/2007 13:30 - 09/22/2007 13:30

Last Observed Sample: 09/21/2007 13:12 (CDT)
Barometric Pressure: 1012.4 mb