As of 06/07/2013 00:00 EDT, water levels along the Gulf Coast of Florida are returning to normal, and they are slowly rising along the East Coast from northern Florida to Southern Virginia. Stations along the Gulf Coast of Florida range from 0.3 to 1.6 feet above tidal predictions. Please note that water levels across this region have already been elevated by up to half a foot over the past week. Along the East Coast, water levels are up to 1.2 feet above tidal predictions. Winds are decreasing along the Gulf Coast, with gusts of 20-25 knots being observed in Cedar Key and Clearwater Beach, FL. Winds are increasing from northern Florida to South Carolina and range between 15-20 knots, with gusts up to 25 knots. Barometric pressure is rising along the Gulf Coast and falling along the East Coast.

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** are:
Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.0 ft (1.23 m) at 06/07/2013 08:37 EDT and 4.9 ft (1.51 m) at 06/07/2013 21:00 EDT.

Fort Pulaski, GA: Next predicted high tides are 6.4 ft (1.96 m) at 06/07/2013 07:57 EDT and 7.7 ft (2.37 m) at 06/07/2013 20:14 EDT.

Charleston, SC: Next predicted high tides are 4.8 ft (1.46 m) at 06/07/2013 07:48 EDT and 5.9 ft (1.82 m) at 06/07/2013 20:09 EDT.

USCG Station Hatteras, NC: Next predicted high tides are 0.1 ft (0.03 m) at 06/07/2013 08:27 EDT and 0.1 ft (0.03 m) at 06/07/2013 21:10 EDT.

Chesapeake Bay Bridge Tunnel, VA: Next predicted high tides are 2.3 ft (0.70 m) at 06/07/2013 08:19 EDT and 2.9 ft (0.90 m) at 06/07/2013 20:34 EDT.

Wachapreague, VA: Next predicted high tides are 3.8 ft (1.17 m) at 06/07/2013 08:10 EDT and 4.8 ft (1.48 m) at 06/07/2013 20:44 EDT.

Fort Myers, FL: Next predicted high tides are 0.7 ft (0.23 m) at 06/07/2013 04:42 EDT and 1.5 ft (0.46 m) at 06/07/2013 15:18 EDT.

Clearwater Beach, FL: Next predicted high tides are 1.9 ft (0.57 m) at 06/07/2013 00:35 EDT and 3.0 ft (0.92 m) at 06/07/2013 10:59 EDT.

Cedar Key, FL: Next predicted high tides are 3.3 ft (0.99 m) at 06/07/2013 02:19 EDT and 4.1 ft (1.28 m) at 06/07/2013 13:21 EDT.

Apalachicola, FL: Next predicted high tides are 1.4 ft (0.42 m) at 06/07/2013 06:02 EDT and 1.7 ft (0.51 m) at 06/07/2013 14:25 EDT.

Panama City, FL: Next predicted high tides are 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT and 1.6 ft (0.49 m) at 06/08/2013 10:01 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:CMF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM ANDREA ADVISORY NUMBER  6
1100 PM EDT THU JUN 06 2013

...ANDREA WEAKENING SLOWLY AS HEAVY RAINS CONTINUE WELL AWAY FROM THE CENTER...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...
THE TROPICAL STORM WARNING HAS BEEN DISCONTINUED FOR THE WEST COAST OF THE FLORIDA PENINSULA.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...
* FLAGLER BEACH FLORIDA TO CAPE CHARLES LIGHT VIRGINIA
* PAMLICO AND ALBEMARLE SOUNDS
* LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

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 1100 PM EDT THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED ABOUT 40 MI W OF JACKSONVILLE FLORIDA OR ABOUT 65 MI ESE OF VALDOSTA GEORGIA. ANDREA IS MOVING TOWARD THE NORTHEAST NEAR 15 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WITH AN INCREASE IN FORWARD SPEED. ON THE FORECAST TRACK THE CENTER OF ANDREA WILL MOVE FROM NORTH FLORIDA INTO SOUTHEAST GEORGIA OVERNIGHT AND THEN MOVE NEAR THE EAST COAST OF THE UNITED STATES THROUGH SATURDAY.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 45 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 48 HOURS...AND ANDREA IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS BY FRIDAY NIGHT.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES MAINLY TO THE EAST OF THE CENTER OVER WATER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 993 MB.

HAZARDS AFFECTING LAND
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RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER EASTERN GEORGIA...EASTERN SOUTH CAROLINA AND EASTERN NORTH CAROLINA...WITH ISOLATED MAXIMUM AMOUNTS AROUND 8 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED ALONG THE EASTERN SEABOARD FROM EASTERN VIRGINIA TO EASTERN MAINE. ADDITIONAL RAIN TOTALS OF 1 TO 3 INCHES ARE EXPECTED IN OUTER BANDS WELL TO THE SOUTH AND EAST OF THE CENTER OF ANDREA OVER THE SOUTHERN FLORIDA PENINSULA AND THE FLORIDA KEYS.

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...

FLAGLER BEACH NORTH TO CAPE CHARLES LIGHT...1 TO 2 FT
WATERS LEVELS ARE FALLING ALONG THE WEST COAST OF FLORIDA. HOWEVER PERSISTENT ONSHORE FLOW COULD CAUSE MINOR COASTAL FLOODING DURING THE NEXT HIGH TIDE OVERNIGHT.

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST. 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.

WIND...TROPICAL STORM CONDITIONS WILL GRADUALLY SPREAD NORTHEASTWARD IN THE WARNING AREA ALONG THE U.S. EAST COAST DURING THE NEXT 24 HOURS.

TORNADOES...A COUPLE OF TORNADOES ARE POSSIBLE OVERNIGHT OVER COASTAL PORTIONS OF GEORGIA...SOUTH CAROLINA...AND NORTH CAROLINA. A FEW TORNADOES ARE POSSIBLE ON FRIDAY FROM EASTERN SOUTH CAROLINA NORTHWARD TO COASTAL VIRGINIA.

FORECASTER BRENNA

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.
Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

Mayport (Bar Pilots Dock), FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8720218 Mayport (Bar Pilots Dock), FL
from 06/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 1.80 ft. Predicted: 1.46 ft. Residual: 0.34 ft.
Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

Mayport (Bar Pilots Dock), FL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8720218 Mayport (Bar Pilots Dock), FL
from 06/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 16 knots Gusts: 23 knots Direction: 198° T
Mayport (Bar Pilots Dock), FL - Return to List

Barometric Pressure Plot

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1003.1 mb

Fort Pulaski, GA - Return to List

Preliminary 6 min. Water Level vs. Predicted Plot

Last Observed Sample: 06/07/2013 00:06 (EDT)
Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW
Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

Fort Pulaski, GA - Return to List

NOAA/NWS/C0-CPS
Wind Speed/Gusts/Dir
85/08/0 Fort Pulaski, GA
from 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 13 knots Gusts: 19 knots Direction: 138° T

Fort Pulaski, GA - Return to List

NOAA/NWS/C0-CPS
Barometric Pressure Plot
85/08/0 Fort Pulaski, GA
from 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1002.9 mb
Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

Charleston, SC - Return to List

Relative to MLLW: Observed: 2.42 ft. Predicted: 1.46 ft. Residual: 0.96 ft.
Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

Charleston, SC - Return to List

Wind Speed: 13 knots Gusts: 16 knots Direction: 164° T
Charleston, SC - Return to List

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1005.1 mb

USCG Station Hatteras, NC - Return to List

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 0.28 ft. Predicted: -0.02 ft. Residual: 0.30 ft.
Historical Maximum Water Level: Oct 29 2012, 4.73 ft. above MLLW
Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

USCG Station Hatteras, NC - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8654457 USCG Station Hatteras, NC
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 3 knots Gusts: 6 knots Direction: 180° T

USCG Station Hatteras, NC - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8654457 USCG Station Hatteras, NC
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1012.7 mb
Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8638863 Chesapeake Bay Bridge Tunnel, VA
from 06/05/2013 00:00 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 1.20 ft. Predicted: 0.82 ft. Residual: 0.38 ft.
Historical Maximum Water Level: Nov 12 2009, 7.56 ft. above MLLW

Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8638863 Chesapeake Bay Bridge Tunnel, VA
from 06/05/2013 00:00 - 06/08/2013 00:00

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 5 knots Gusts: 8 knots Direction: 105° T
Chesapeake Bay Bridge Tunnel, VA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8638863 Chesapeake Bay Bridge Tunnel, VA
from 06/05/2013 00:00 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1011.7 mb

Wachapreague, VA - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
863044 Wachapreague, VA
from 06/05/2013 00:00 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 2.04 ft. Predicted: 1.82 ft. Residual: 0.22 ft.
Historical Maximum Water Level: Feb 5 1998, 8.92 ft. above MLLW
Wachapreague, VA - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
863044 Wachapreague, VA
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 7 knots Gusts: 10 knots Direction: 134° T

Wachapreague, VA - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
863044 Wachapreague, VA
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1012.6 mb
Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 1.58 ft. Predicted: 0.02 ft. Residual: 1.56 ft.
Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 5 knots Gusts: 8 knots Direction: 231° T
Fort Myers, FL - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8725320 Fort Myers, FL
from 06/05/2013 00:05 - 06/08/2013 00:05

pressure vs. time graph

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1010.2 mb

Clearwater Beach, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
872624 Clearwater Beach, FL
from 06/05/2013 00:05 - 06/08/2013 00:05

water level graph

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 2.19 ft. Predicted: 1.86 ft. Residual: 0.33 ft.
Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW
Clearwater Beach, FL - Return to List

Wind Speed/Gusts/Dir
8726/24 Clearwater Beach, FL
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Wind Speed: 11 knots Gusts: 15 knots Direction: 269° T

Clearwater Beach, FL - Return to List

Barometric Pressure Plot
8726/24 Clearwater Beach, FL
from 06/05/2013 00:05 - 06/08/2013 00:06

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1009.3 mb
Cedar Key, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8/7/2013 Cedar Key, FL
FROM 06/05/2013 00:12 - 06/08/2013 00:12

Relative to MLLW: Observed: 2.71 ft. Predicted: 2.41 ft. Residual: 0.30 ft.
Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

Cedar Key, FL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8/7/2013 Cedar Key, FL
FROM 06/05/2013 00:12 - 06/08/2013 00:12

Wind Speed: 23 knots Gusts: 28 knots Direction: 277° T

Last Observed Sample: 06/07/2013 00:06 (EDT)
Relative to MLLW: Observed: 2.71 ft. Predicted: 2.41 ft. Residual: 0.30 ft.
Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW
Cedar Key, FL - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
872520 Cedar Key, FL
from 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/07/2013 00:06 (EDT)
Barometric Pressure: 1007.0 mb

Apalachicola, FL - Return to List

NOAA/NOS/C0-CPS
Wind Speed/Gusts/Dir
8728690 Apalachicola, FL
from 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/06/2013 15:18 (EDT)
Wind Speed: 7 knots Gusts: 11 knots Direction: 351° T
Apalachicola, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8728690 Apalachicola, FL
From 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/06/2013 15:18 (EDT)
Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

Apalachicola, FL - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8728690 Apalachicola, FL
From 05/05/2013 00:12 - 06/08/2013 00:12

Last Observed Sample: 06/06/2013 15:18 (EDT)
Barometric Pressure: 1004.7 mb
Panama City, FL - Return to List

Tropical Storm ANDREA QuickLook, POSTED 00:00 EDT 06/07/2013

Panama City, FL - Return to List

NOAA/NOS/C0-CPS
Preliminary 6 min. Water Level vs. Predicted Plot
8729108 Panama City, FL
from 06/04/2013 23:12 - 06/07/2013 23:12

Last Observed Sample: 06/06/2013 23:12 (CDT)
Relative to MLLW: Observed: 1.07 ft. Predicted: 0.19 ft. Residual: 0.88 ft.
Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

Panama City, FL - Return to List

NOAA/NOS/C0-CPS
Barometric Pressure Plot
8729108 Panama City, FL
from 06/04/2013 23:12 - 06/07/2013 23:12

Last Observed Sample: 06/06/2013 23:12 (CDT)
Barometric Pressure: 1008.2 mb
Panama City, FL - Return to List

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8729108 Panama City, FL
from 06/04/2013 23:12 - 06/07/2013 23:12

Last Observed Sample: 06/06/2013 23:12 (CDT)
Wind Speed: 3 knots Gusts: 5 knots Direction: 26° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce