NOAA and NOAA Partnership Stations Relative to the Storm

Water levels along the eastern coast of Florida, Georgia and South Carolina are elevated from 0.2 to 2.2 ft above the predicted.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/02/2007 00:00 EDT are:

Virginia Key, FL ~0.98 ft (0.30 m) above predicted. Next High tide Fri 11/02/2007 at 03:36 EDT ~ 2.30 ft (0.70 m).

Trident Pier, FL ~1.38 ft (0.42 m) above predicted. Next High tide Fri 11/02/2007 at 02:21 EDT ~ 3.50 ft (1.07 m).

Ponce De Leon Inlet South, FL ~2.26 ft (0.69 m) above predicted. Next High tide Fri
11/02/2007 at 02:57 EDT ~ 3.00 ft (0.91 m).

Mayport (Bar Pilots Dock), FL ~1.13 ft (0.34 m) above predicted. Next High tide Fri 11/02/2007 at 03:21 EDT ~ 4.70 ft (1.43 m).

Fort Pulaski, GA ~0.60 ft (0.18 m) above predicted. Next High tide Fri 11/02/2007 at 02:47 EDT ~ 6.60 ft (2.01 m).

Springmaid Pier, SC ~0.21 ft (0.06 m) above predicted. Next High tide Fri 11/02/2007 at 02:14 EDT ~ 4.90 ft (1.49 m).

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...HURRICANE NOEL EXPECTED TO BECOME A LARGE AND POWERFUL EXTRATROPICAL STORM OVER THE OPEN ATLANTIC ON FRIDAY...

AT 11 PM EDT ALL WATCHES AND WARNINGS FOR THE BAHAMAS HAVE BEEN DISCONTINUED.

A GALE WARNING REMAINS IN EFFECT FOR BERMUDA.

AT 1100 PM EDT THE CENTER OF HURRICANE NOEL WAS LOCATED NEAR LATITUDE 27.3 NORTH, LONGITUDE 76.1 WEST OR ABOUT 180 MILES NORTH-NORTHEAST OF NASSAU AND ABOUT 760 MILES WEST-SOUTHWEST OF BERMUDA.

NOEL IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 20 MPH AND THIS MOTION IS EXPECTED TO CONTINUE DURING THE NEXT 24 HOURS. ON THIS TRACK...NOEL WILL CONTINUE TO MOVE AWAY FROM THE BAHAMAS.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. NOEL IS A CATEGORY ONE HURRICANE. NO SIGNIFICANT CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS BUT NOEL IS EXPECTED TO LOSE TROPICAL CHARACTERISTICS WITHIN THE NEXT 24 HOURS. THEREAFTER, NOEL SHOULD THEN STRENGTHEN AND INCREASE IN SIZE AS AN EXTRATROPICAL CYCLONE. INTERESTS ALONG THE U.S. EAST COAST FROM NORTH CAROLINA NORTHWARD SHOULD CONSULT STATEMENTS ISSUED BY THEIR LOCAL NWS FORECAST OFFICE. INTERESTS ALONG THE CANADIAN MARITIMES SHOULD CONSULT PRODUCTS ISSUED BY THE CANADIAN HURRICANE CENTRE OF ENVIRONMENT CANADA.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 45 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 145 MILES.

ESTIMATED MINIMUM CENTRAL PRESSURE WAS 981 MB.

NOEL IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF UP TO ONE INCH ACROSS THE OUTER BANKS OF NORTH CAROLINA AND 2 TO 4 INCHES WITH ISOLATED MAXIMUM TOTALS TO 6 INCHES ACROSS EASTERN NEW ENGLAND.
FORECASTER AVILA

For additional data and more information on the Storm QuickLook product, please visit the Center for Operational Oceanographic Products & Services website.

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: Virginia Key - Water Level, Virginia Key - Winds, Virginia Key - Barometric, Trident Pier - Water Level, Trident Pier - Winds, Trident Pier - Barometric, Ponce De Leon Inlet South - Water Level, Mayport (Bar Pilots Dock) - Water Level, Mayport (Bar Pilots Dock) - Barometric, Fort Pulaski - Water Level, Fort Pulaski - Winds, Springmaid Pier - Water Level, Springmaid Pier - Winds, Springmaid Pier - Barometric.
Virginia Key, FL - Station Map

Last Observed Sample: 11/01/2007 21:42 (EDT)
Relative to MLLW: Observed: 1.74 ft. Predicted: 0.76 ft. Residual: 0.98 ft.
Historical Maximum Water Level: 11/15/1994, 1.9 ft. above MHHW

Wind Speed: 9 knots Gusts: 17 knots Direction: 332° T
Virginia Key, FL - Station Map

Barometric Pressure Plot
8722214 Virginia Key, FL

Barometric Pressure: 1004.5 mb

Trident Pier, FL - Station Map

Preliminary 6 min. Water Level vs. Predicted Plot
8721504 Trident Pier, FL


Historical Maximum Water Level: 09/16/2001, 2.28 ft. above MHHW
**Ponce De Leon Inlet South, FL - Station Map**

Last Observed Sample: 11/01/2007 19:54 (EDT)
Rede relative to MLLW: Observed: 2.78 ft. Predicted: 0.52 ft. Residual: 2.26 ft.

Historical Maximum Water Level: 11/03/1978, 1.67 ft. above MHHW

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**Mayport (Bar Pilots Dock), FL - Station Map**

Last Observed Sample: 11/01/2007 22:24 (EDT)


Historical Maximum Water Level: 09/17/2001, 2.15 ft. above MHHW
Mayport (Bar Pilots Dock), FL - Station Map

Barometric Pressure Plot

Last Observed Sample: 11/01/2007 22:42 (EDT)
Barometric Pressure: 1013.8 mb

Fort Pulaski, GA - Station Map

Preliminary 6 min. Water Level vs. Predicted Plot

Last Observed Sample: 11/01/2007 22:24 (EDT)
Relative to MLLW: Observed: 2.96 ft. Predicted: 2.36 ft. Residual: 0.60 ft.
Historical Maximum Water Level: 10/15/1947, 3.4 ft. above MHHW
Fort Pulaski, GA - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir

Last Observed Sample: 11/01/2007 22:36 (EDT)
Wind Speed: 8 knots Gusts: 10 knots Direction: 357° T

Springmaid Pier, SC - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot

Last Observed Sample: 11/01/2007 22:24 (EDT)
Relative to MLLW: Observed: 2.23 ft. Predicted: 2.02 ft. Residual: 0.21 ft.
Historical Maximum Water Level: 01/01/1987, 3.65 ft. above MHHW
Springmaid Pier, SC - Station Map

Last Observed Sample: 11/01/2007 22:42 (EDT)
Wind Speed: 12 knots Gusts: 16 knots Direction: 004° T

Barometric Pressure: 1015.0 mb