As of 07/19/2008 06:00 EDT, water levels from Georgia to North Carolina remain at or slightly above predicted. Barometric pressure is beginning to fall.

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

St. Simons, GA: Next predicted high tide is 6.10 ft (1.86 m) on 07/19/2008 at 09:39 EDT.

Fort Pulaski, GA: Next predicted high tide is 6.40 ft (1.95 m) on 07/19/2008 at 09:25 EDT.

Charleston, SC: Next predicted high tide is 4.70 ft (1.43 m) on 07/19/2008 at 09:15 EDT.

Oyster Landing, SC: Next predicted high tide is 4.24 ft (1.29 m) on 07/19/2008 at 09:51 EDT.
Springmaid Pier, SC: Next predicted high tide is 4.50 ft (1.37 m) on 07/19/2008 at 08:42 EDT.
Wilmington, NC: Next predicted high tide is 3.60 ft (1.10 m) on 07/19/2008 at 09:03 EDT.
Beaufort, NC: Next predicted high tide is 2.70 ft (0.82 m) on 07/19/2008 at 09:24 EDT.
Duck, NC: Next predicted high tide is 3.00 ft (0.91 m) on 07/19/2008 at 08:56 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
BECOME A TROPICAL STORM LATER TODAY.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1009 MB...29.80 INCHES.

RAINFALL AMOUNTS OF 2-4 INCHES ARE EXPECTED ALONG THE IMMEDIATE COASTAL SECTIONS OF THE CAROLINAS.

FORECASTER AVILA

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.
St. Simons Island, GA - Station Map

Last Observed Sample: 07/19/2008 02:54 (EDT)
Relative to MLLW: Observed: 1.14 ft. Predicted: 0.62 ft. Residual: 0.52 ft.
Historical Maximum Water Level: 07/22/2001, 2.41 ft. above MHHW

Fort Pulaski, GA - Station Map

Last Observed Sample: 07/19/2008 05:24 (EDT)
Relative to MLLW: Observed: 2.18 ft. Predicted: 1.70 ft. Residual: 0.48 ft.
Historical Maximum Water Level: 10/15/1947, 3.4 ft. above MHHW
Fort Pulaski, GA - Station Map

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
9670979 Fort Pulaski, GA
from 07/17/2008 05:42 - 07/20/2008 05:42

Last Observed Sample: 07/19/2008 05:24 (EDT)
Water Temperature: 84.4° F Air Temperature: 74.7° F

Fort Pulaski, GA - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
9670979 Fort Pulaski, GA
from 07/17/2008 05:42 - 07/20/2008 05:42

Last Observed Sample: 07/19/2008 05:24 (EDT)
Barometric Pressure: 1014.5 mb
Charleston, SC - Station Map

Last Observed Sample: 07/19/2008 05:30 (EDT)
Relative to MLLW: Observed: 2.47 ft. Predicted: 1.76 ft. Residual: 0.71 ft.
Historical Maximum Water Level: 09/21/1989, 6.76 ft. above MHHW

Oyster Landing (North Inlet Estuary), SC - Station Map

Last Observed Sample: 07/19/2008 04:48 (EDT)
Relative to MLLW: Observed: 2.07 ft. Predicted: 0.76 ft. Residual: 1.31 ft.
Historical Maximum Water Level: 07/22/2001, 2.21 ft. above MHHW
Last Observed Sample: 07/19/2008 05:30 (EDT)

Relative to MLLW: Observed: 2.91 ft. Predicted: 2.07 ft. Residual: 0.84 ft.

Historical Maximum Water Level: 01/01/1987, 3.65 ft. above MHHW

Last Observed Sample: 07/19/2008 05:30 (EDT)

Water Temperature: 85.3° F Air Temperature: 80.1° F
Springmaid Pier, SC - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
9651070 Springmaid Pier, SC
from 07/17/2008 05:42 - 07/23/2008 05:42

Barometric Pressure: 1014.7 mb

Last Observed Sample: 07/19/2008 05:30 (EDT)

Wilmington, NC - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8452120 Wilmington, NC
from 07/17/2008 05:42 - 07/23/2008 05:42

Relative to MLLW: Observed: 0.59 ft. Predicted: 0.20 ft. Residual: 0.39 ft.

Historical Maximum Water Level: 10/15/1954, 3.47 ft. above MHHW
Beaufort, NC

Last Observed Sample: 07/19/2008 05:24 (EDT)
Relative to MLLW: Observed: 1.45 ft. Predicted: 1.07 ft. Residual: 0.38 ft.
Historical Maximum Water Level: 09/16/1999, 2.74 ft. above MHHW

Duck, NC

Last Observed Sample: 07/19/2008 05:30 (EDT)
Relative to MLLW: Observed: 1.07 ft. Predicted: 1.11 ft. Residual: -0.04 ft.
Historical Maximum Water Level: 08/30/1999, 3.23 ft. above MHHW
Duck, NC - Station Map

**Water Temperature:** 77.0° F  
**Air Temperature:** 77.2° F  
**Last Observed Sample:** 07/19/2008 05:30 (EDT)

**Wind Speed:** 4 knots  
**Gusts:** 4 knots  
**Direction:** 173° T  
**Last Observed Sample:** 07/19/2008 05:30 (EDT)
Duck, NC - Station Map

Return to List

Tropical Depression THREE QuickLook, POSTED 06:00 EDT 07/19/2008

Last Observed Sample: 07/19/2008 05:30 (EDT)

Barometric Pressure: 1017.5 mb

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