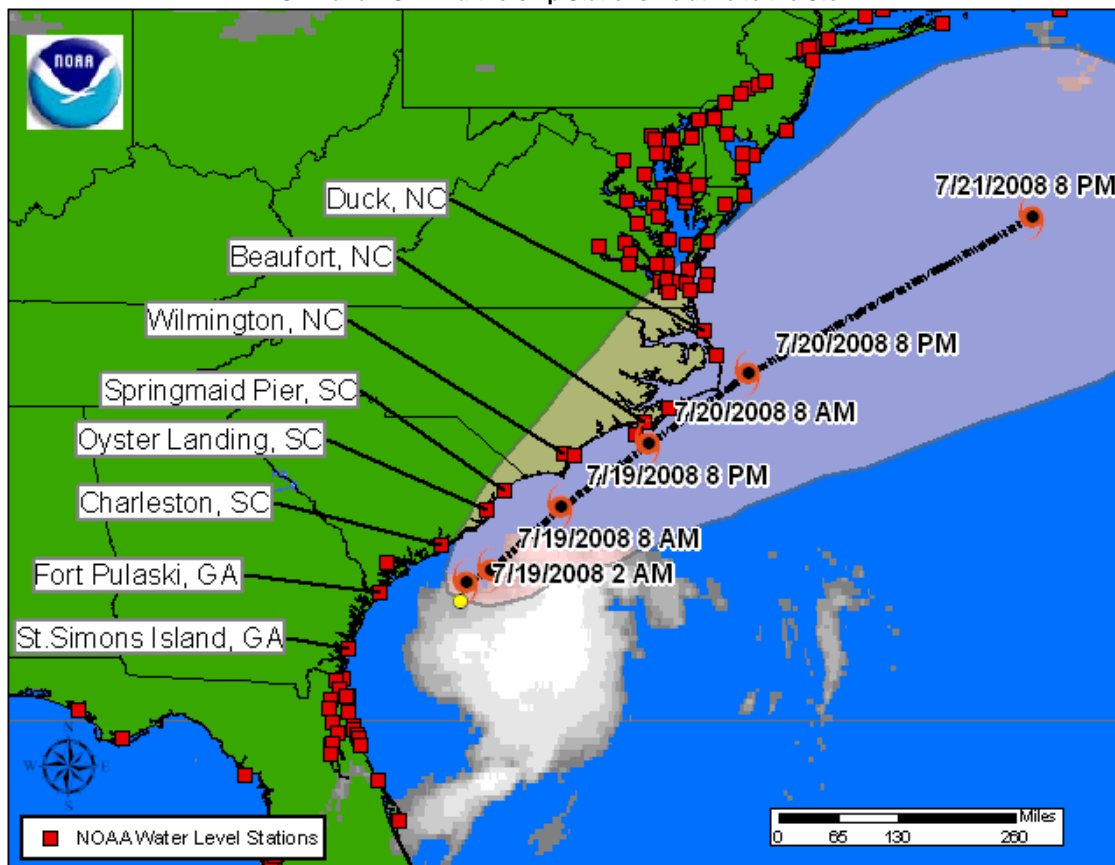




Tropical Depression THREE QuickLook
Posted: 04:00 EDT 07/19/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/19/2008 04:00 EDT, water levels from Georgia to North Carolina remain at or near 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: CMM

SELECT [NATIONAL HURRICANE CENTER](#) ADVISORY INFORMATION:

TROPICAL DEPRESSION THREE INTERMEDIATE ADVISORY NUMBER 1A

...TROPICAL DEPRESSION MOVING TOWARD THE NORTHEAST WITH LITTLE CHANGE IN ORGANIZATION...

A TROPICAL STORM WARNING IS IN EFFECT FROM SOUTH SANTEE RIVER SOUTH CAROLINA TO CURRITUCK BEACH LIGHT NORTH CAROLINA INCLUDING PAMLICO SOUND. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

A TROPICAL STORM WATCH IS IN EFFECT FROM NORTH OF EDISTO BEACH SOUTH CAROLINA TO SOUTH SANTEE RIVER. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA, GENERALLY WITHIN 36 HOURS.

AT 200 AM EDT THE CENTER OF TROPICAL DEPRESSION THREE WAS ESTIMATED NEAR LATITUDE 32.2 NORTH, LONGITUDE 79.5 WEST OR ABOUT 55 MILES SOUTH-SOUTHEAST OF CHARLESTON SOUTH CAROLINA AND ABOUT 305 MILES SOUTHWEST OF CAPE HATTERAS NORTH CAROLINA.

THE DEPRESSION IS MOVING TOWARD THE NORTHEAST NEAR 6 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT TWO DAYS, KEEPING THE CENTER OF THE DEPRESSION VERY CLOSE TO THE COASTS OF SOUTH AND NORTH CAROLINA.

MAXIMUM SUSTAINED WINDS ARE NEAR 30 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS AND THE DEPRESSION COULD BECOME A TROPICAL STORM LATER TODAY.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1011 MB.

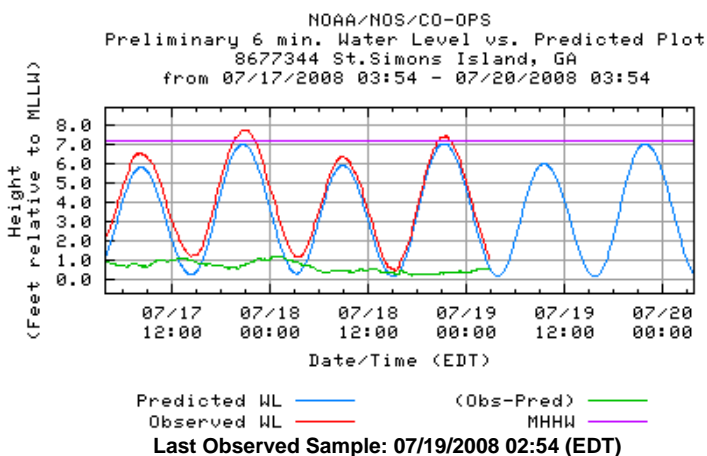
RAINFALL AMOUNTS OF 2-4 INCHES ARE EXPECTED ALONG THE IMMEDIATE COASTAL SECTIONS OF THE CAROLINAS.

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.

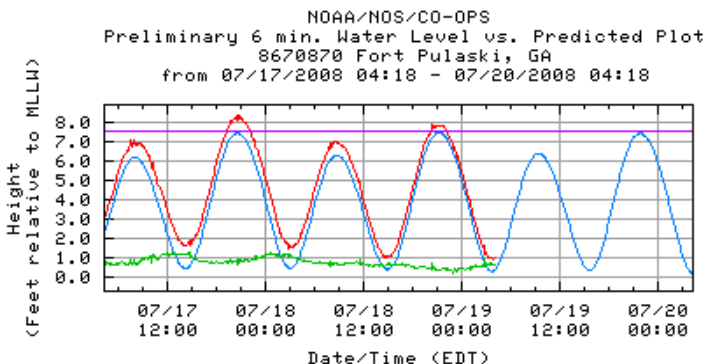
Jump to: [St.Simons Island - Water Level](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Oyster Landing \(North Inlet Estuary\) - Water Level](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Air/Water Temp](#), [Springmaid Pier - Barometric](#), [Wilmington - Water Level](#), [Beaufort - Water Level](#), [Duck - Water Level](#), [Duck - Air/Water Temp](#), [Duck - Winds](#), [Duck - Barometric](#),

[St.Simons Island, GA - Station Map](#) [Return to List](#)



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](#) [Return to List](#)

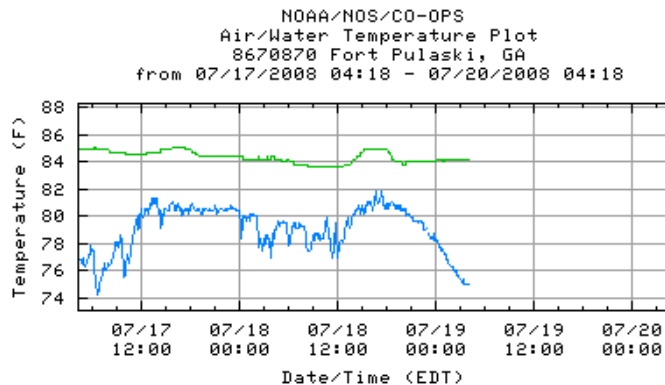


Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/19/2008 04:00 (EDT)

Relative to **MLLW**: **Observed: 1.02 ft. Predicted: 0.35 ft. Residual: 0.67 ft.**
Historical Maximum Water Level: 10/15/1947, 3.4 ft. above MHHW

[Fort Pulaski, GA - Station Map](#) [Return to List](#)

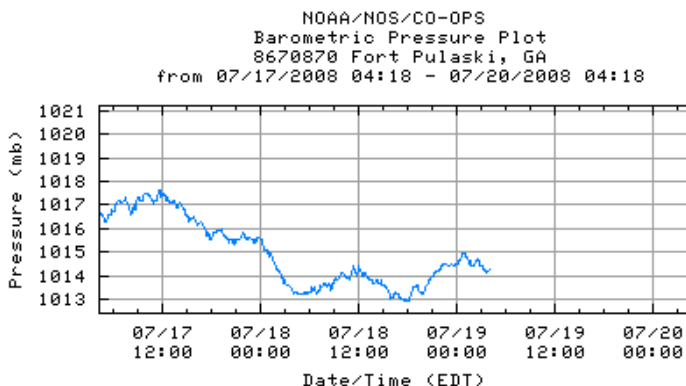


water temp. ——— air temp ———

Last Observed Sample: 07/19/2008 04:00 (EDT)

Water Temperature: 84.2° F Air Temperature: 75.0° F

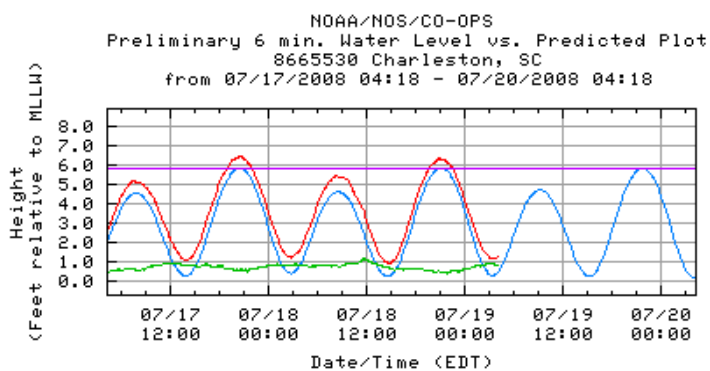
[Fort Pulaski, GA - Station Map](#) [Return to List](#)



barometric pressure ———

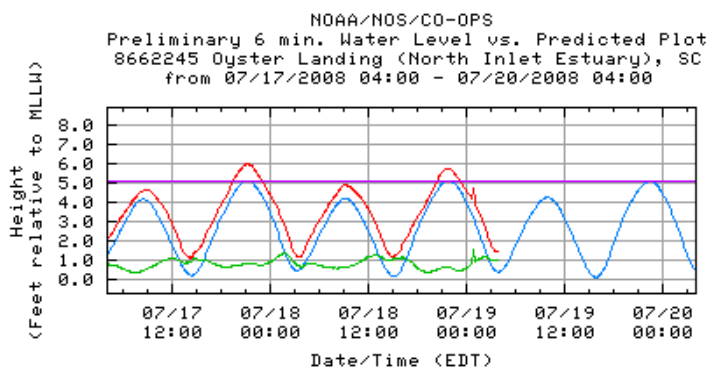
Last Observed Sample: 07/19/2008 04:00 (EDT)
Barometric Pressure: 1014.3 mb

[Charleston, SC - Station Map](#) [Return to List](#)



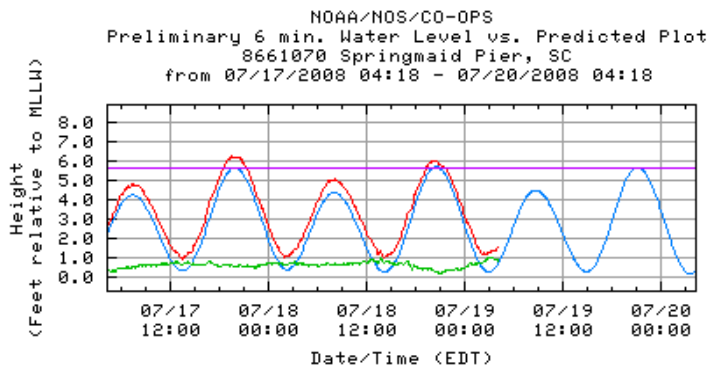
Last Observed Sample: 07/19/2008 04:06 (EDT)
Relative to **MLLW**: Observed: 1.28 ft. Predicted: 0.48 ft. Residual: 0.80 ft.
Historical Maximum Water Level: 09/21/1989, 6.76 ft. above **MHHW**

[Oyster Landing \(North Inlet Estuary\), SC - Station Map](#) [Return to List](#)



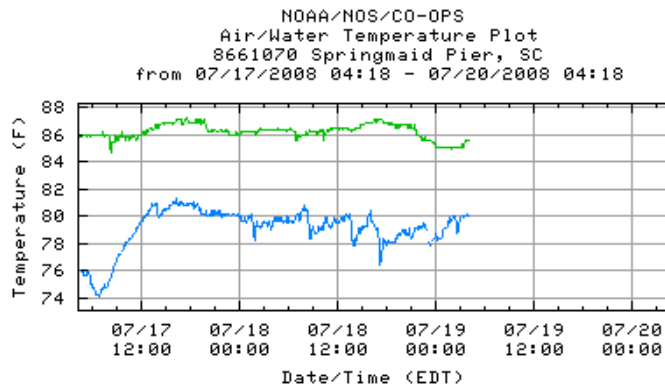
Last Observed Sample: 07/19/2008 03:48 (EDT)
Relative to **MLLW**: Observed: 1.43 ft. Predicted: 0.39 ft. Residual: 1.04 ft.
Historical Maximum Water Level: 07/22/2001, 2.21 ft. above **MHHW**

[Springmaid Pier, SC - Station Map](#) [Return to List](#)



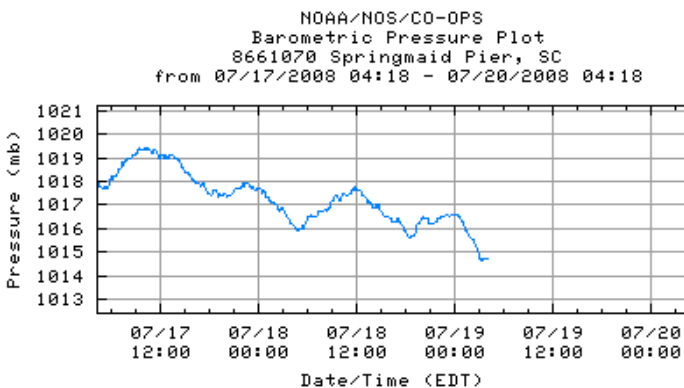
Last Observed Sample: 07/19/2008 04:06 (EDT)
Relative to **MLLW**: Observed: 1.53 ft. Predicted: 0.70 ft. Residual: 0.83 ft.
Historical Maximum Water Level: 01/01/1987, 3.65 ft. above **MHHW**

[Springmaid Pier, SC - Station Map](#) [Return to List](#)



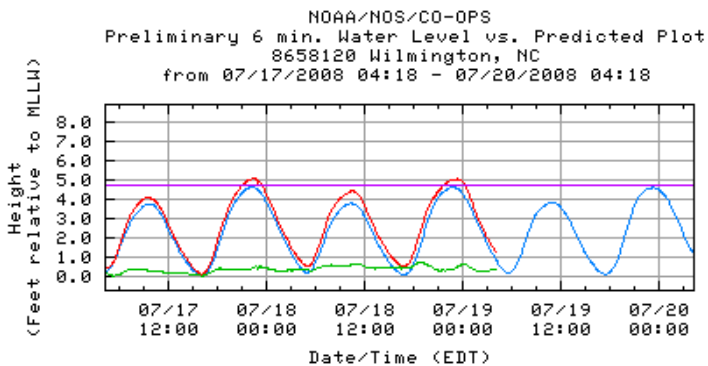
water temp. — air temp —
Last Observed Sample: 07/19/2008 04:06 (EDT)
Water Temperature: 85.6° F Air Temperature: 80.1° F

[Springmaid Pier, SC - Station Map](#) [Return to List](#)



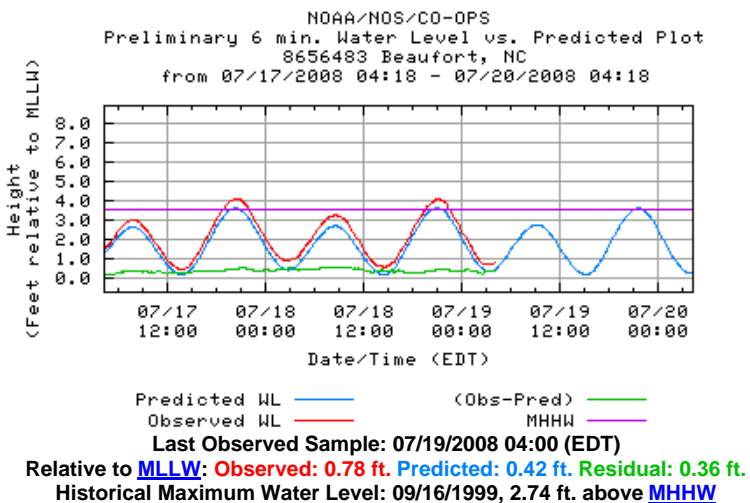
barometric pressure —
Last Observed Sample: 07/19/2008 04:06 (EDT)
Barometric Pressure: 1014.7 mb

[Wilmington, NC - Station Map](#) [Return to List](#)

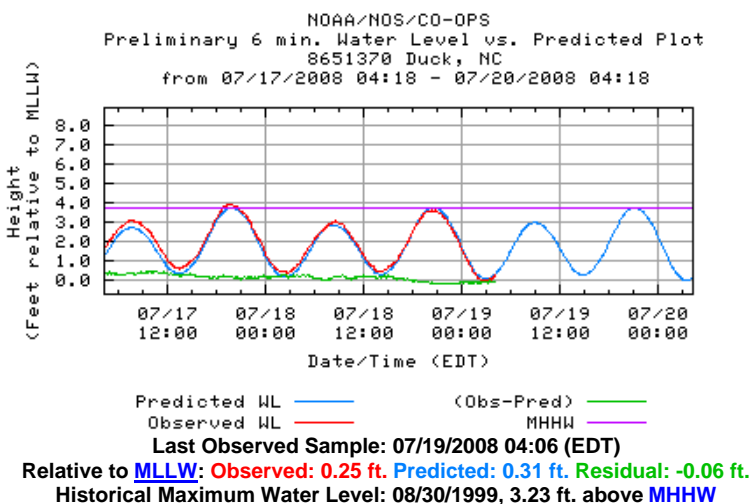


Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 07/19/2008 04:06 (EDT)
Relative to MLLW: Observed: 1.25 ft. Predicted: 0.86 ft. Residual: 0.39 ft.
Historical Maximum Water Level: 10/15/1954, 3.47 ft. above MHHW

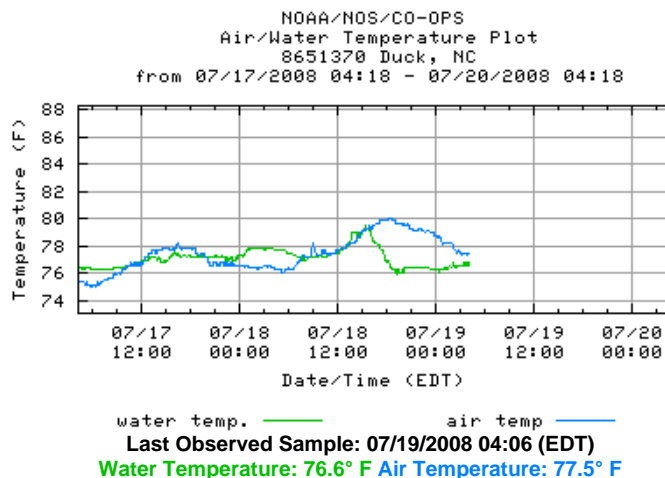
[Beaufort, NC - Station Map](#) [Return to List](#)



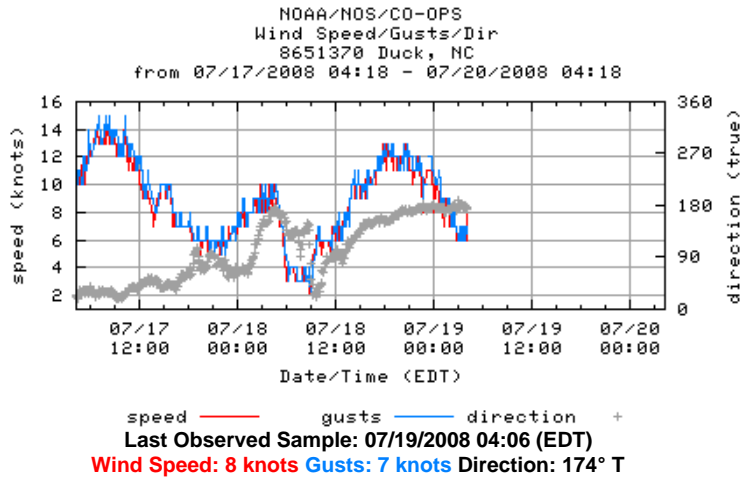
[Duck, NC - Station Map](#) [Return to List](#)



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[Duck, NC - Station Map](#) [Return to List](#)



[Duck, NC - Station Map](#) [Return to List](#)

