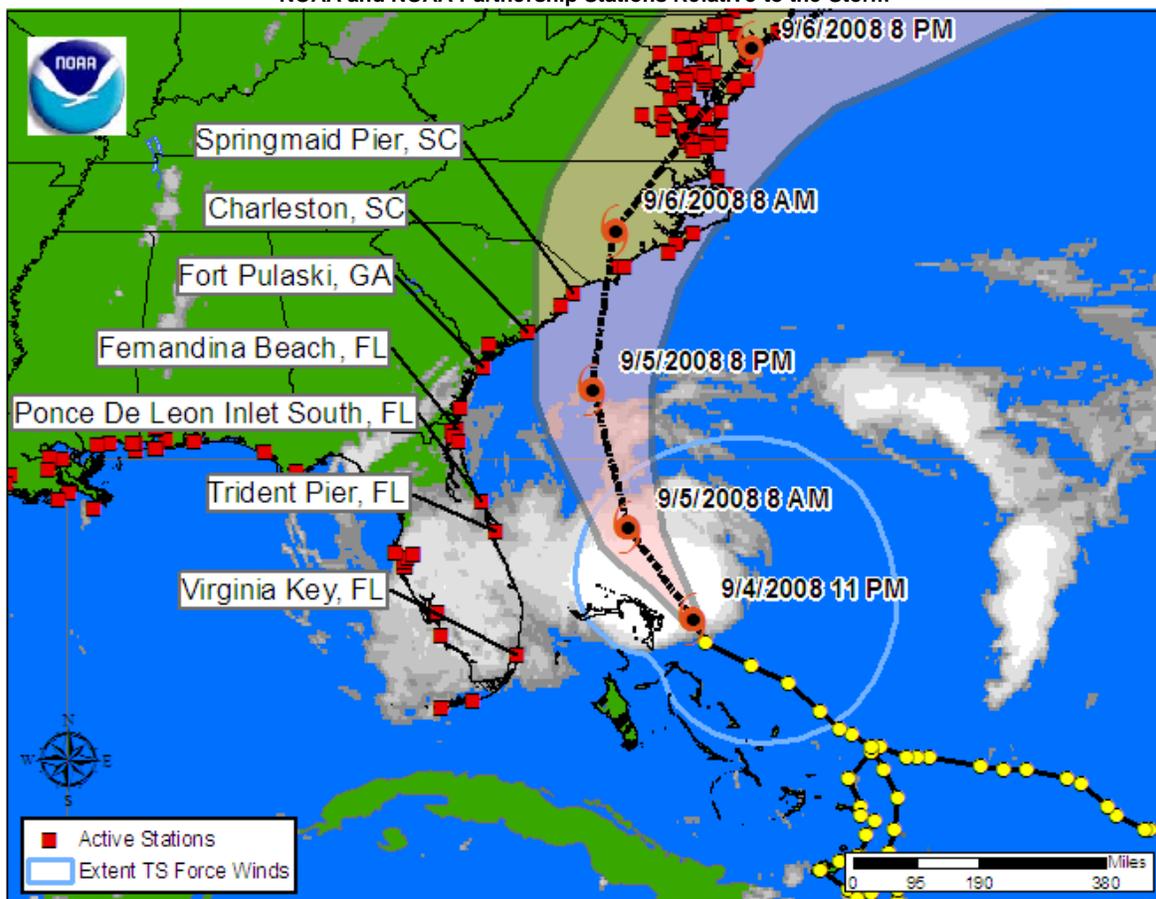




Tropical Storm HANNA QuickLook  
Posted: 00:00 EDT 09/05/2008



NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 9/05/2008 00:00 EDT water levels along the eastern seaboard from Florida to South Carolina are slightly above normal, ranging from 0.5 to 1.5 feet above predictions. Barometric pressure along the east coast of Florida is beginning to fall.

Water Level and Meteorological plots available below are updated automatically.

Water level predictions relative to [Mean Lower Low Water](#) are:

Virginia Key, FL: Next predicted high tide is 2.26 ft (0.69 m) at 09/05/2008 01:03 EDT.

Trident Pier, FL: Next predicted high tide is 3.95 ft (1.20 m) at 09/05/2008 12:30 EDT.

Ponce De Leon Inlet South, FL: Next predicted high tide is 2.66 ft (0.81 m) at 09/05/2008 00:33 EDT.

Fernandina Beach, FL: Next predicted high tide is 5.75 ft (1.75 m) at 09/05/2008 01:00 EDT.

Fort Pulaski, GA: Next predicted high tide is 6.63 ft (2.02 m) at 09/05/2008 00:15 EDT.

Charleston, SC: Next predicted high tide is 5.57 ft (1.70 m) at 09/05/2008 12:42 EDT.

Springmaid Pier, SC: Next predicted high tide is 5.30 ft (1.62 m) at 09/05/2008 12:18 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

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

TROPICAL STORM HANNA ADVISORY NUMBER 33

1100 PM EDT THU SEP 04 2008

...LARGE HANNA HEADING TOWARD THE SOUTHEAST UNITED STATES COAST...

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM THE SAVANNAH RIVER NORTHWARD TO THE NORTH CAROLINA/VIRGINIA BORDER...INCLUDING PAMLICO AND ALBEMARLE SOUNDS. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

A HURRICANE WATCH IS IN EFFECT FROM NORTH OF EDISTO BEACH SOUTH CAROLINA TO CURRITUCK BEACH LIGHT...INCLUDING PAMLICO SOUND.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM THE NORTH CAROLINA/VIRGINIA BORDER NORTHWARD TO GREAT EGG INLET NEW JERSEY...INCLUDING THE CHESAPEAKE BAY...THE TIDAL POTOMAC...WASHINGTON D.C...AND THE DELAWARE BAY.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM THE SAVANNAH RIVER SOUTHWARD TO ALTAMAHA SOUND GEORGIA.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE CENTRAL AND NORTHWESTERN BAHAMAS.

AT 1100 PM EDT THE CENTER OF TROPICAL STORM HANNA WAS ESTIMATED NEAR LATITUDE 26.5 NORTH...LONGITUDE 76.3 WEST OR ABOUT 50 MILES EAST OF GREAT ABACO ISLAND AND ABOUT 540 MILES SOUTH OF WILMINGTON NORTH CAROLINA.

HANNA IS MOVING TOWARD THE NORTHWEST NEAR 14 MPH. A GRADUAL TURN TO THE NORTH WITH A GRADUAL INCREASE IN FORWARD SPEED IS EXPECTED ON FRIDAY. ON THE FORECAST TRACK...THE CENTER OF HANNA WILL CLEAR THE NORTHWESTERN BAHAMAS EARLY FRIDAY...AND WILL BE APPROACHING THE SOUTHEAST COAST OF THE UNITED STATES BY LATE FRIDAY. HOWEVER...RAINS AND WINDS ASSOCIATED WITH HANNA WILL REACH THE COAST WELL IN ADVANCE OF THE CENTER.

MAXIMUM SUSTAINED WINDS ARE NEAR 65 MPH WITH HIGHER GUSTS. ONLY SLIGHT STRENGTHENING IS FORECAST PRIOR TO LANDFALL... ALTHOUGH IT IS STILL POSSIBLE FOR HANNA TO BECOME A HURRICANE.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 315 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 987 MB...29.15 INCHES.

HANNA COULD PRODUCE RAINFALL TOTALS OF 2 TO 3 INCHES OVER THE NORTHERN BAHAMAS AND THE EASTERN PORTIONS OF SOUTH AND NORTH CAROLINA...WITH MAXIMUM ISOLATED AMOUNTS OF 5 INCHES POSSIBLE. RAINFALL TOTALS OF 1 TO 3 INCHES ARE POSSIBLE FROM THE GEORGIA COAST SOUTHWARD TO THE CENTRAL FLORIDA COAST. VERY HEAVY RAINFALL AMOUNTS ARE LIKELY TO SPREAD RAPIDLY NORTHWARD INTO THE MID ATLANTIC STATES AND NEW ENGLAND FROM FRIDAY NIGHT INTO SATURDAY AND MAY RESULT IN FLOODING.

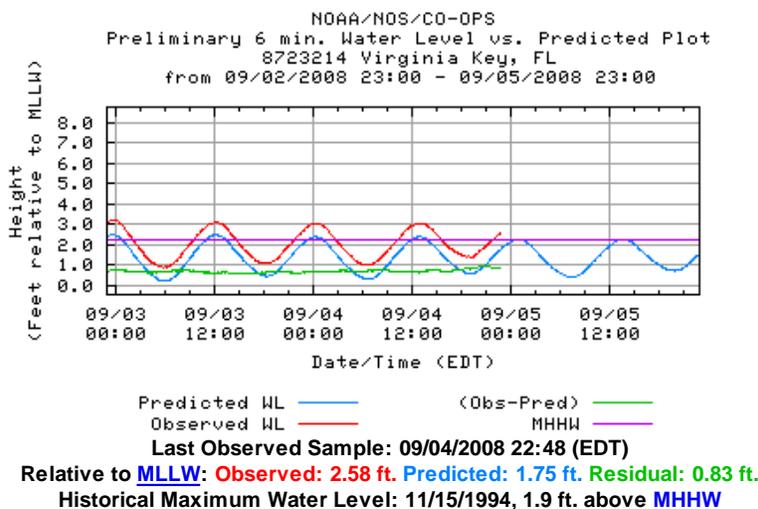
COASTAL STORM SURGE FLOODING OF 2 TO 4 FEET ABOVE NORMAL TIDE LEVELS...ALONG WITH LARGE AND DANGEROUS BATTERING WAVES...CAN BE EXPECTED NEAR AND TO THE EAST OF THE PATH OF THE CENTER OF HANNA.

FORECASTER AVILA

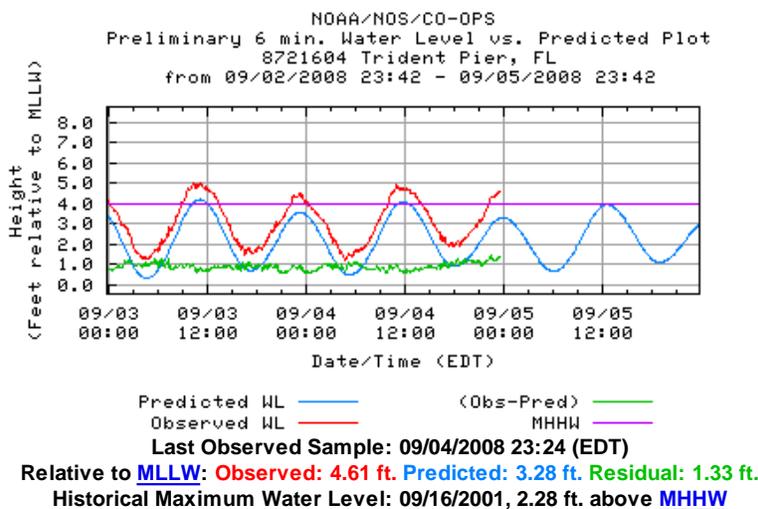
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#),  
[Trident Pier - Barometric](#), [Trident Pier - Air/Water Temp](#),  
[Ponce De Leon Inlet South - Water Level](#), [Fernandina Beach - Water Level](#),  
[Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#),  
[Fernandina Beach - Air/Water Temp](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#),  
[Fort Pulaski - Barometric](#), [Fort Pulaski - Air/Water Temp](#), [Charleston - Water Level](#),  
[Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#),  
[Springmaid Pier - Barometric](#), [Springmaid Pier - Air/Water Temp](#),

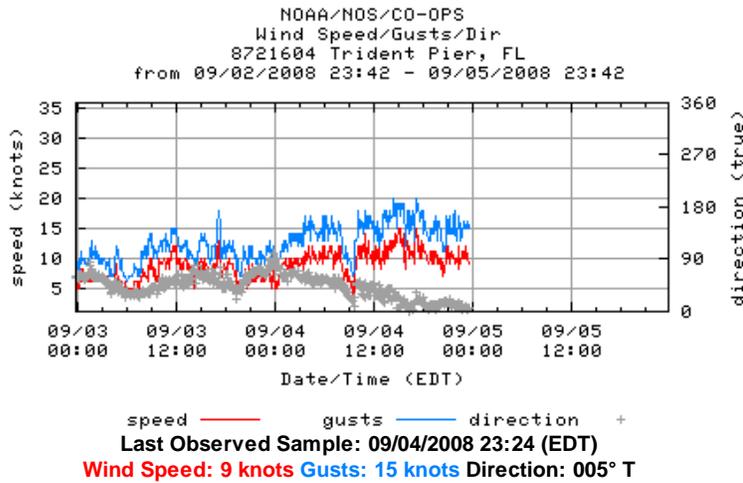
### [Virginia Key, FL - Station Map](#) [Return to List](#)



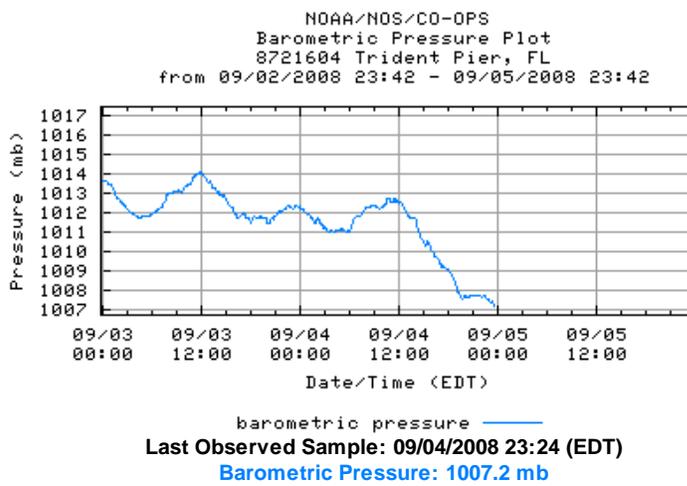
### [Trident Pier, FL - Station Map](#) [Return to List](#)



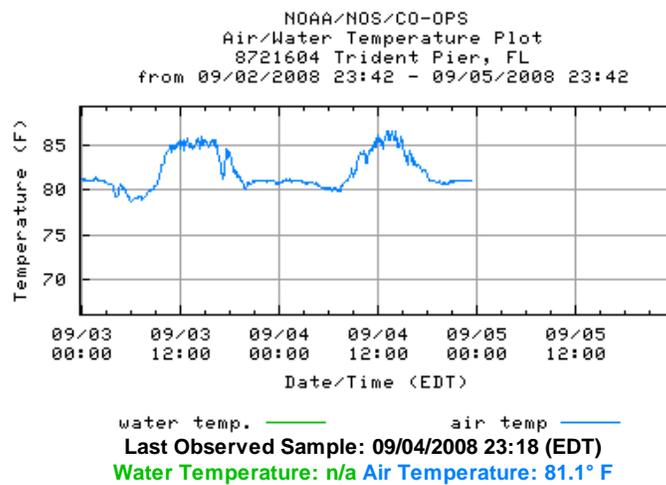
### [Trident Pier, FL - Station Map](#) [Return to List](#)



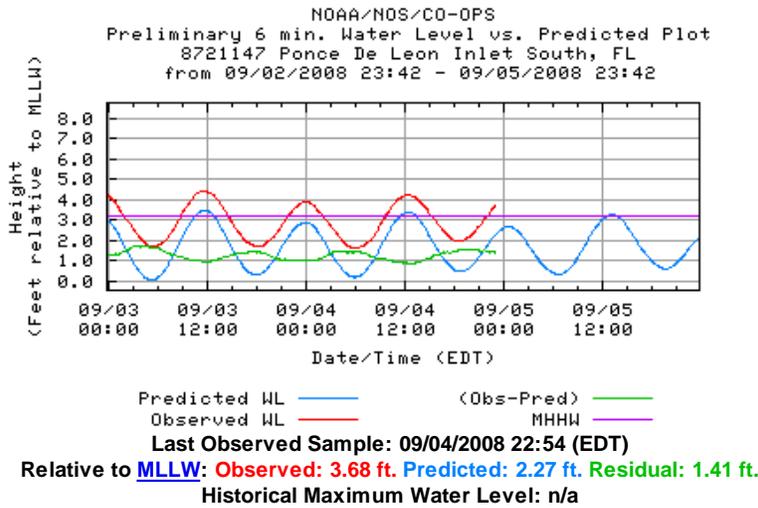
[Trident Pier, FL - Station Map](#) [Return to List](#)



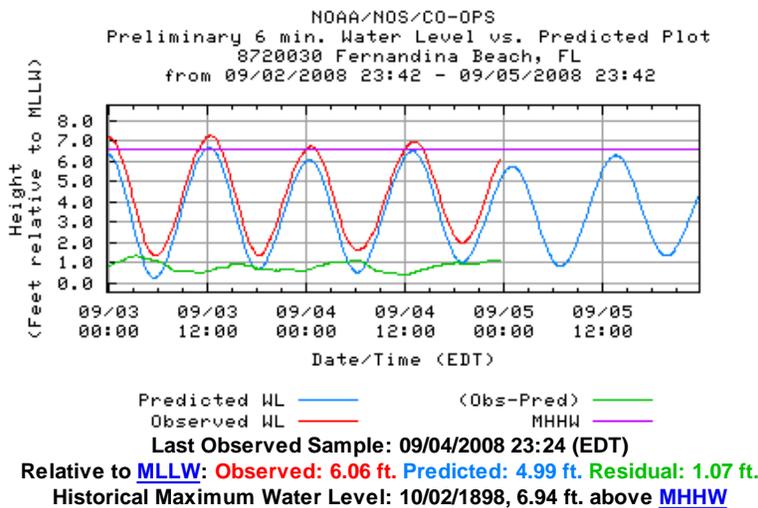
[Trident Pier, FL - Station Map](#) [Return to List](#)



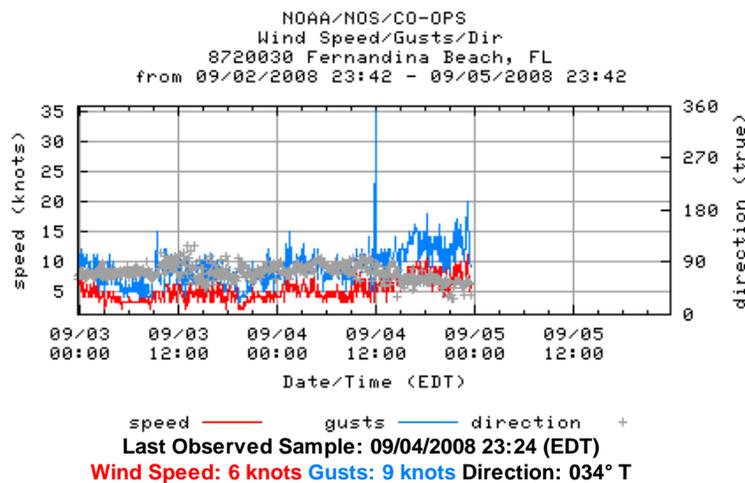
[Ponce De Leon Inlet South, FL - Station Map](#) [Return to List](#)



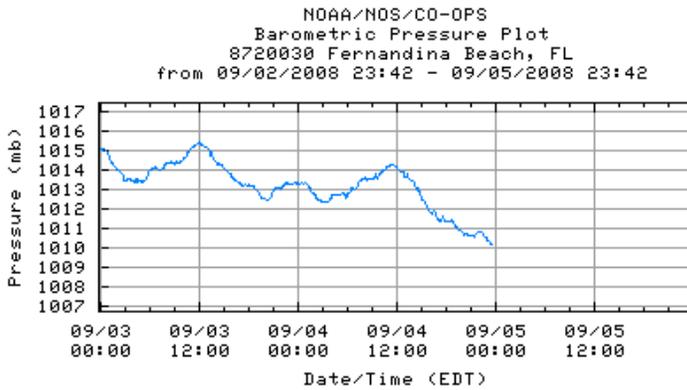
[Fernandina Beach, FL - Station Map](#) [Return to List](#)



[Fernandina Beach, FL - Station Map](#) [Return to List](#)

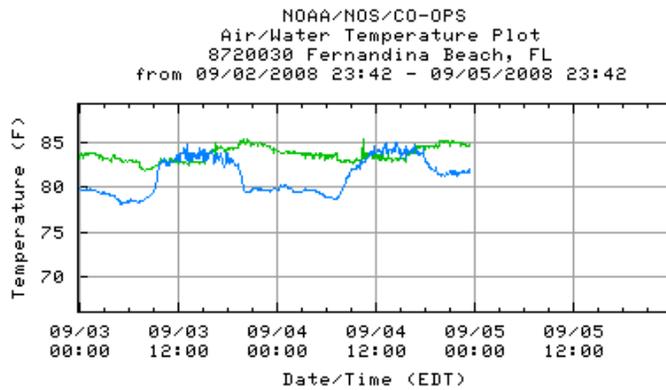


[Fernandina Beach, FL - Station Map](#) [Return to List](#)



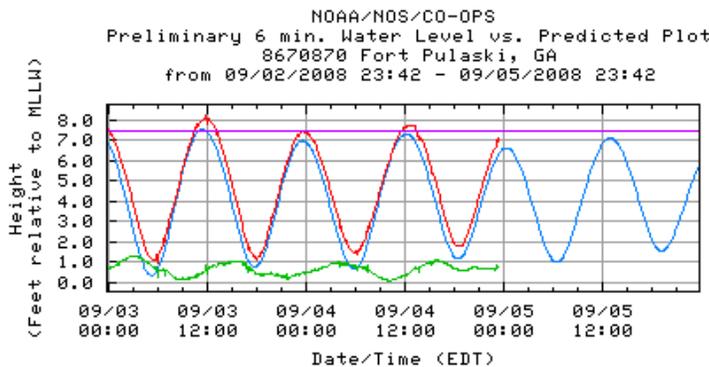
barometric pressure ———  
**Last Observed Sample: 09/04/2008 23:24 (EDT)**  
**Barometric Pressure: 1010.2 mb**

[Fernandina Beach, FL - Station Map](#) [Return to List](#)



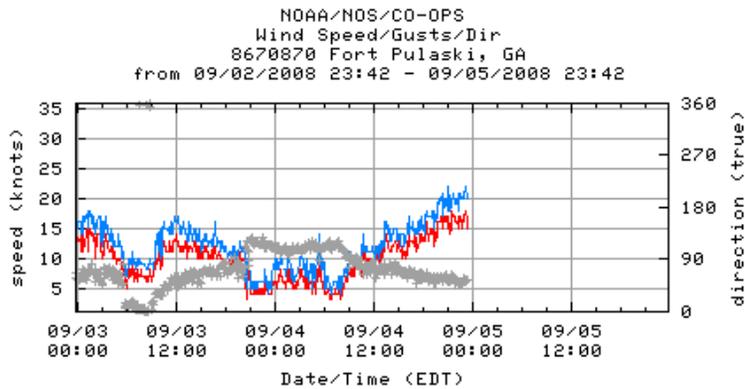
water temp. ——— air temp ———  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Water Temperature: 84.6° F Air Temperature: 82.0° F**

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



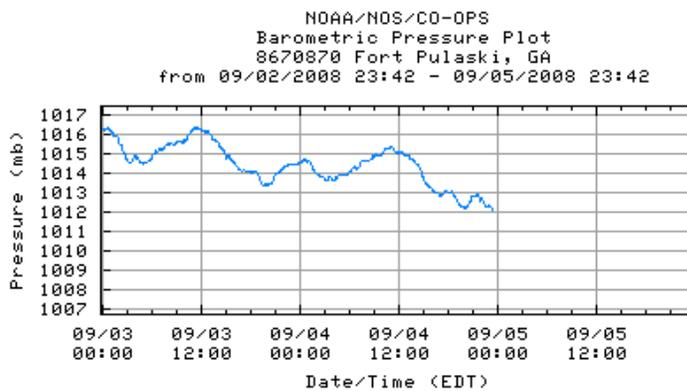
Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Relative to MLLW: Observed: 7.10 ft. Predicted: 6.33 ft. Residual: 0.77 ft.**  
**Historical Maximum Water Level: 10/15/1947, 3.4 ft. above MHHW**

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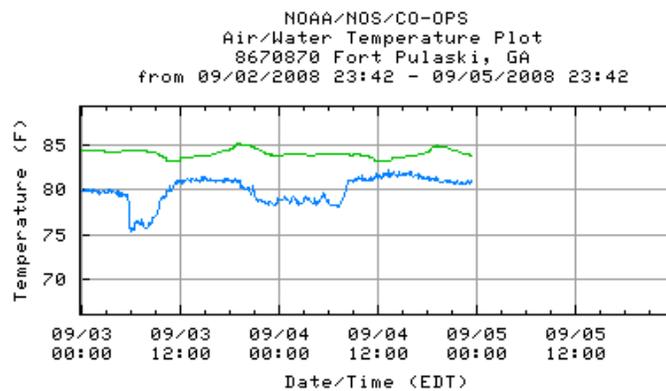
speed — gusts — direction +  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Wind Speed: 15 knots Gusts: 20 knots Direction: 055° T**

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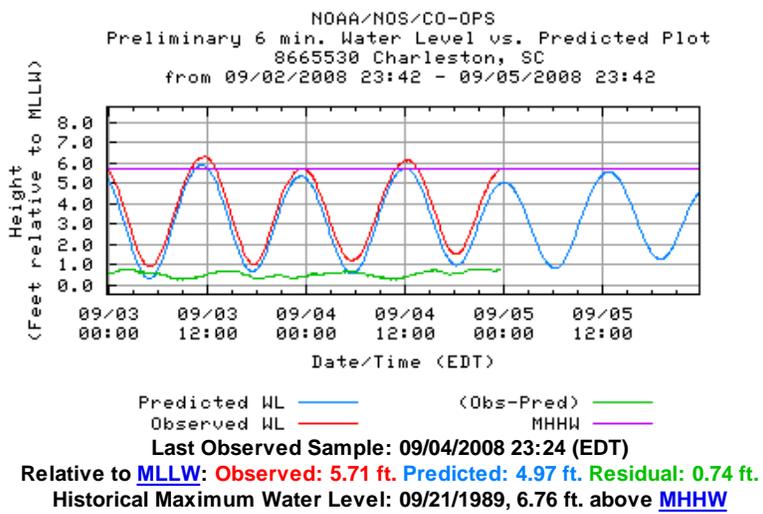
barometric pressure —  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Barometric Pressure: 1012.1 mb**

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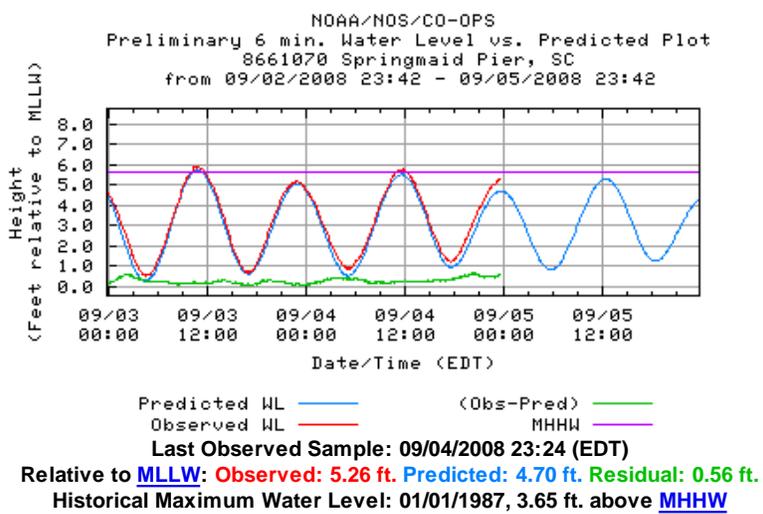


water temp. — air temp. —  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Water Temperature: 83.8° F Air Temperature: 81.0° F**

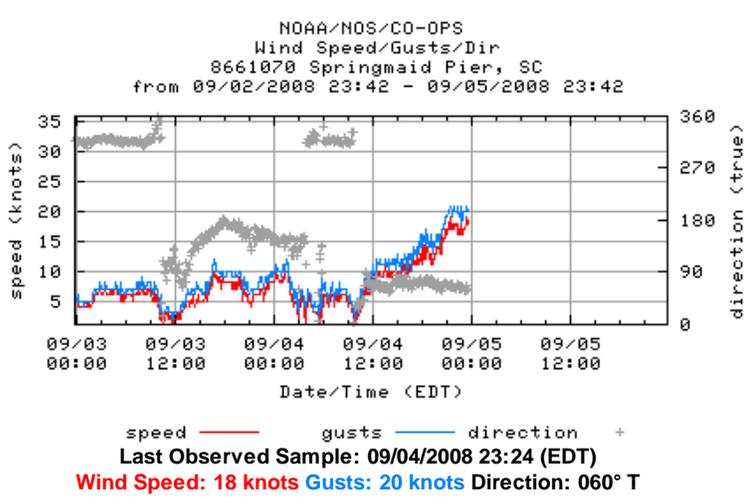
[Charleston, SC - Station Map](#) [Return to List](#)



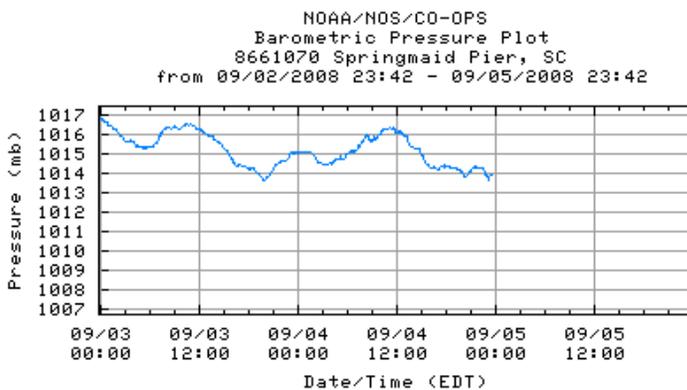
[Springmaid Pier, SC - Station Map](#) [Return to List](#)



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

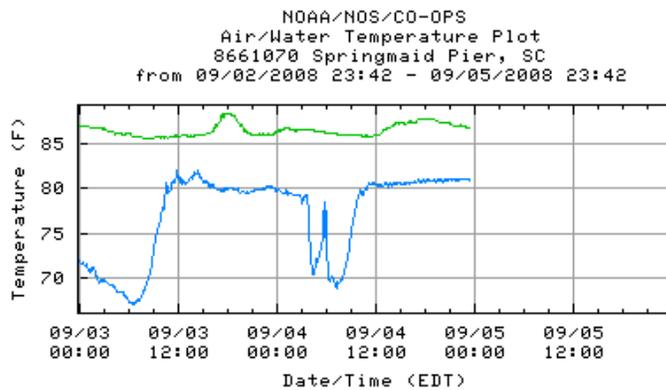


[Springmaid Pier, SC - Station Map](#) [Return to List](#)



barometric pressure —  
**Last Observed Sample: 09/04/2008 23:24 (EDT)**  
**Barometric Pressure: 1013.9 mb**

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



water temp. — air temp —  
**Last Observed Sample: 09/04/2008 23:18 (EDT)**  
**Water Temperature: 86.7° F Air Temperature: 81.0° F**