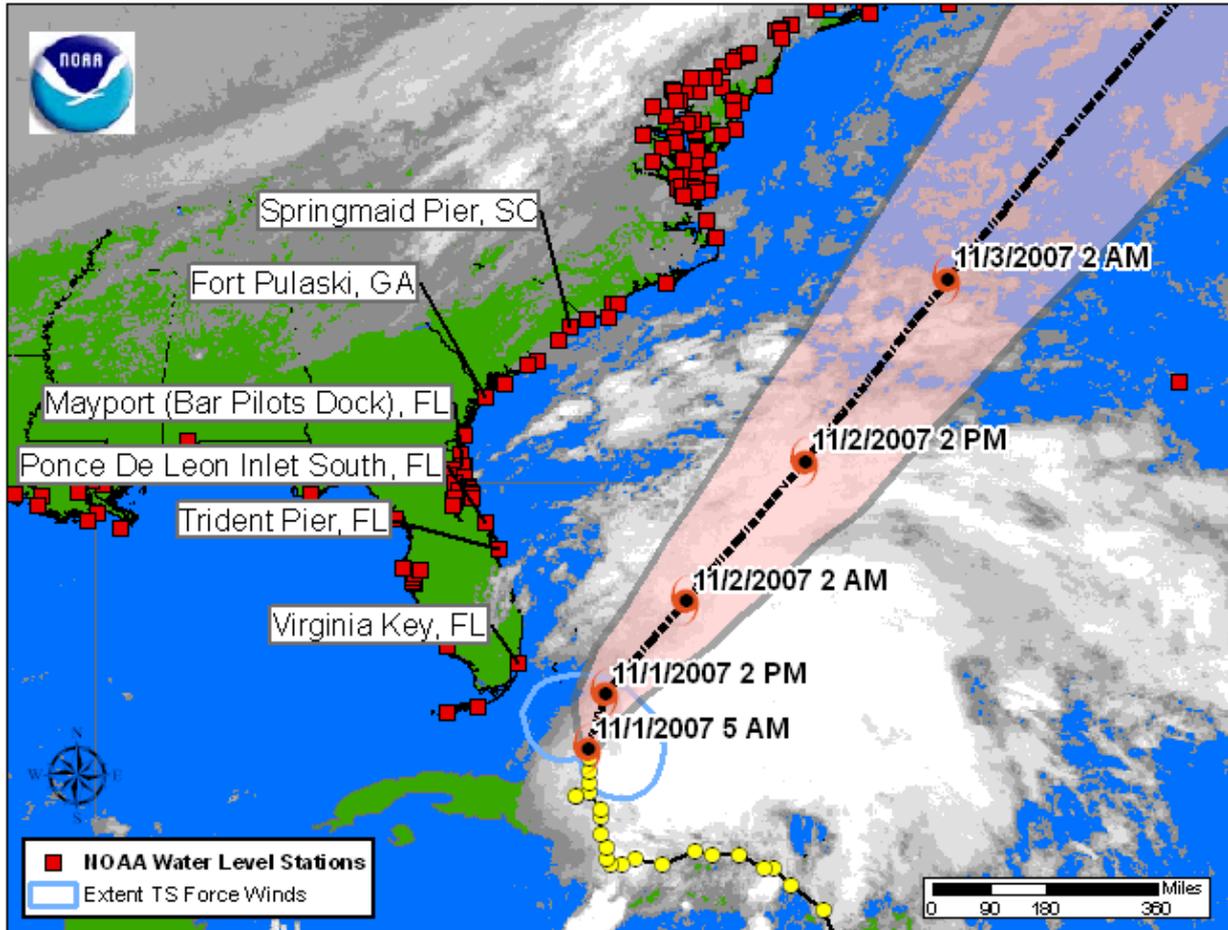




Tropical Storm NOEL QUICKLOOK
Posted: 06:30 EDT 11/01/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water levels along the eastern coast of Florida are elevated due to high winds produced by the interaction of Tropical Storm NOEL with a high pressure system across the southeastern U.S.

Water Levels along the coast of Georgia and South Carolina are also slightly elevated.

Water level and meteorological plots available below are updated automatically. Water level observations on Mean Lower Low Water as of 11/01/2007 06:30 EDT are:

Virginia Key, FL ~ 0.97ft (0.30 m) above predicted. Next High tide Thu 11/01/2007 at 3:15 pm EDT ~ 2.5 ft (0.76 m).

Trident Pier, FL ~ 1.19 ft (0.36 m) above predicted. Next High tide Thu 11/01/2007 at

01:51pmEDT ~ 4.3 ft (1.31 m).

Ponce De Leon Inlet South, FL ~ 2.04 ft (0.62 m) above predicted. Next High tide Thu 11/01/2007 at 02:36 pm EDT ~ 3.3 ft (1.00 m).

Mayport (Bar Pilots Dock), FL ~ 1.09 ft (0.33m) above predicted. Next High tide Thu 11/01/2007 at 02:48 pm EDT ~ 5.4 ft (1.65 m).

Fort Pulaski, GA ~ 1.37 ft (0.42 m) above predicted. Next High tide Thu 11/01/2007 at 02:12 pm EDT ~7.6 ft (2.31 m).

Springmaid Pier, SC ~ 0.45 ft (0.14 m) above predicted.

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION: NOEL CONTINUING SLOWLY NORTHWARD. TROPICAL STORM WARNING FOR SOUTHEASTERN COAST OF FLORIDA.

AT 5 AM EDT 0900 UTC A TROPICAL STORM WARNING IS IN EFFECT FOR THE SOUTHEASTERN FLORIDA COAST FROM NORTH OF OCEAN REEF TO DEERFIELD BEACH. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

A TROPICAL STORM WATCH REMAINS IN EFFECT FROM NORTH OF DEERFIELD BEACH TO JUPITER INLET FLORIDA. A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA.

AT 500 AM EDT 0900Z THE CENTER OF TROPICAL STORM NOEL WAS LOCATED NEAR LATITUDE 23.7 NORTH LONGITUDE 78.5 WEST OR ABOUT 115 MILES 185 KM SOUTHWEST OF NASSAU AND ABOUT 180 MILES 290 KM SOUTHEAST OF MIAMI FLORIDA.

NOEL IS MOVING ERRATICALLY TOWARD THE NORTH NEAR 6 MPH 9 KM/HR. A SLOW NORTHWARD MOTION IS EXPECTED TODAY WITH A TURN TOWARD THE NORTHEAST EXPECTED TONIGHT. THIS MOTION SHOULD BRING THE CENTER OF NOEL THROUGH THE NORTHWESTERN BAHAMAS TODAY AND TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH 95 KM/HR WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 130 MILES 215 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 992 MB 29.29 INCHES.

ABOVE NORMAL TIDES ARE LIKELY WITHIN THE WARNING AREAS.

NOEL IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES WITH POSSIBLE MAXIMUM AMOUNTS OF 15 INCHES OVER THE BAHAMAS. ADDITIONAL RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES ARE EXPECTED OVER EASTERN CUBA AND HISPANIOLA. RAINS IN HISPANIOLA AND CUBA ARE EXPECTED TO CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES. ADDITIONAL ACCUMULATIONS OF

1 TO 2 INCHES ARE POSSIBLE OVER PORTIONS OF SOUTH FLORIDA.

FORECASTER BEVEN/BROWN

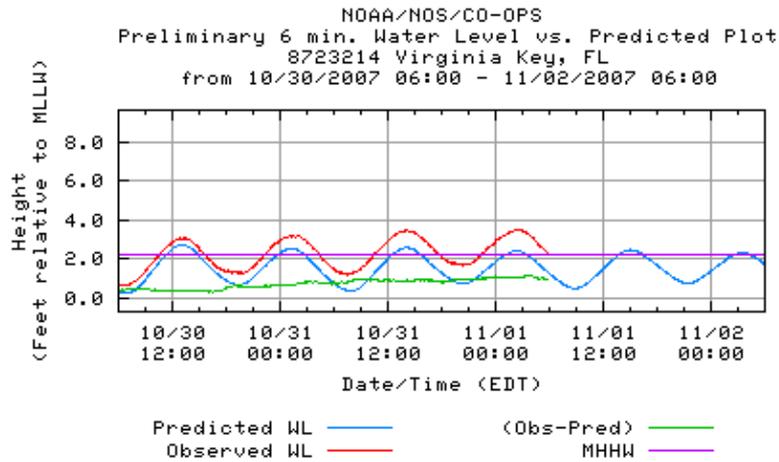
For additional data and more information on the Storm QuickLook product, please visit the Center for [Operational Oceanographic Products & Services](#) website.

Water Level Analyst: ND

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.

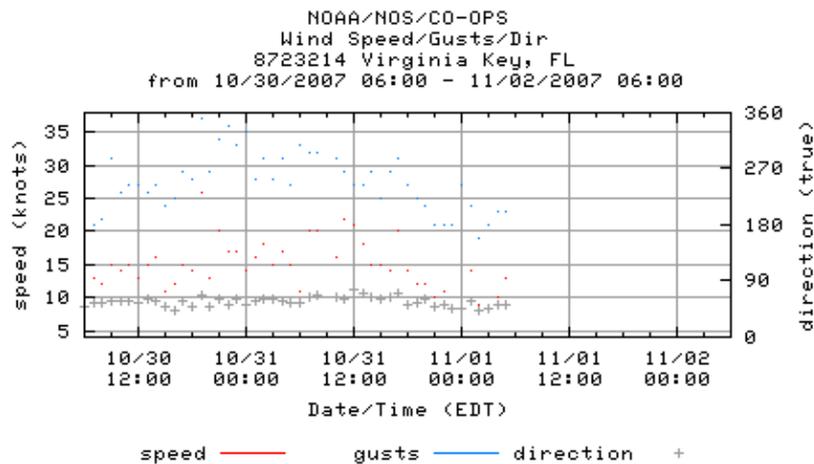
Jump to: [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Ponce De Leon Inlet South - Water Level](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#),

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



Last Observed Sample: 11/01/2007 05:42 (EDT)
 Relative to **MLLW**: **Observed: 2.33 ft. Predicted: 1.36 ft. Residual: 0.97 ft.**
 Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

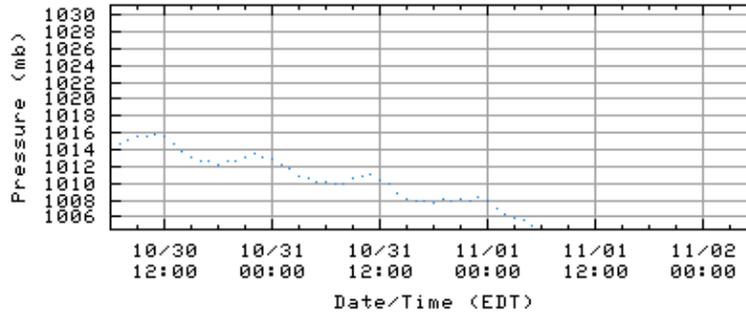
Virginia Key, FL - Station Map [Return to List](#)



Last Observed Sample: 11/01/2007 05:00 (EDT)
Wind Speed: 13 knots Gusts: 23 knots Direction: 052° T

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

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8723214 Virginia Key, FL
 from 10/30/2007 06:00 - 11/02/2007 06:00



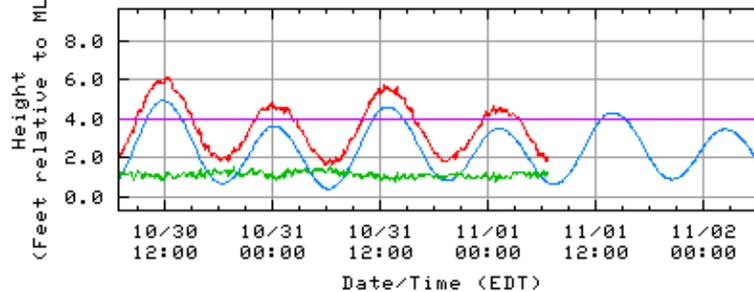
barometric pressure —

Last Observed Sample: 11/01/2007 05:00 (EDT)

Barometric Pressure: 1005.0 mb

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8721604 Trident Pier, FL
 from 10/30/2007 06:48 - 11/02/2007 06:48



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

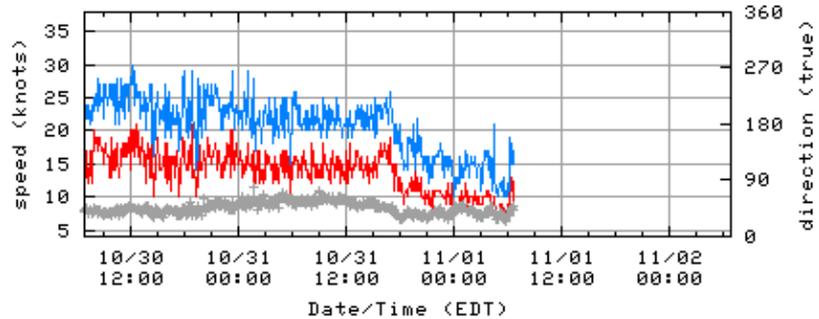
Last Observed Sample: 11/01/2007 06:36 (EDT)

Relative to **MLLW**: Observed: 2.01 ft. Predicted: 0.73 ft. Residual: 1.28 ft.

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

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

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8721604 Trident Pier, FL
from 10/30/2007 06:48 - 11/02/2007 06:48



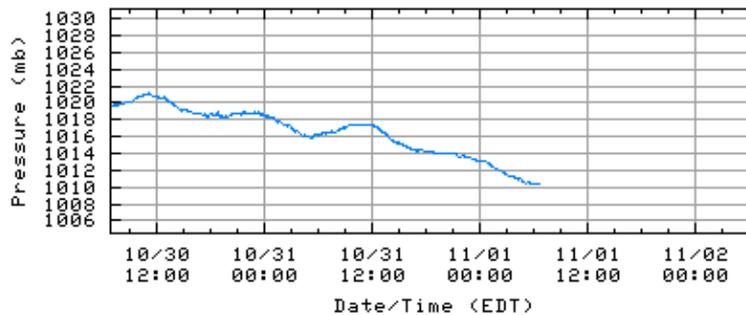
speed — gusts — direction +

Last Observed Sample: 11/01/2007 06:36 (EDT)

Wind Speed: 8 knots Gusts: 15 knots Direction: 049° T

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

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8721604 Trident Pier, FL
from 10/30/2007 06:48 - 11/02/2007 06:48

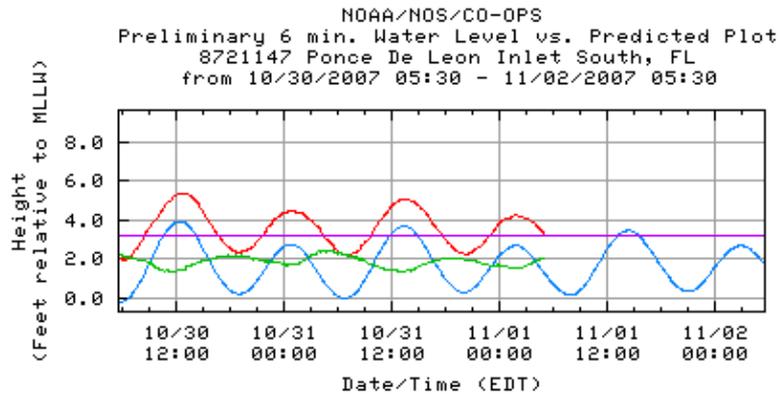


barometric pressure —

Last Observed Sample: 11/01/2007 06:36 (EDT)

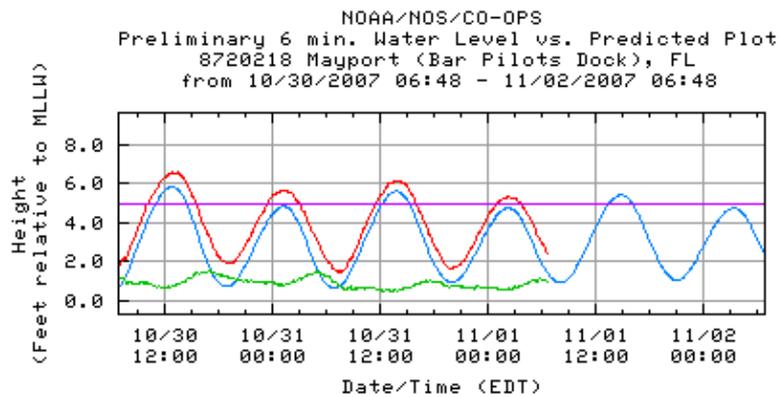
Barometric Pressure: 1010.3 mb

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



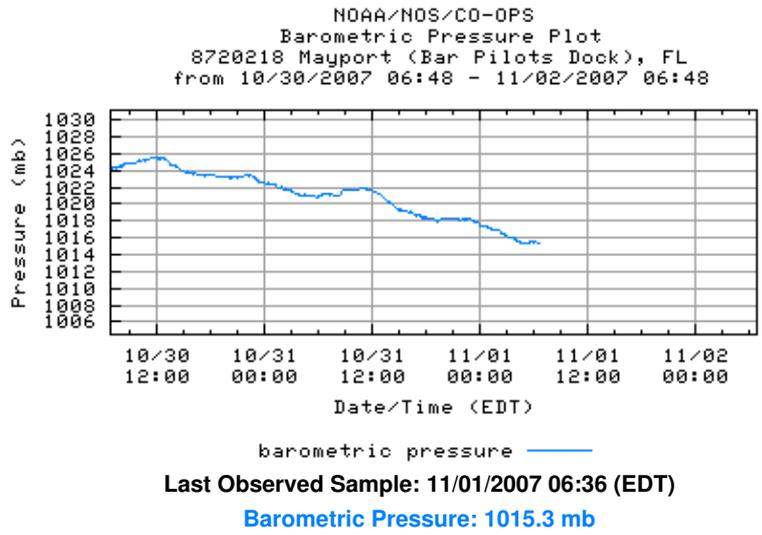
Last Observed Sample: 11/01/2007 04:54 (EDT)
 Relative to **MLLW**: **Observed: 3.33 ft. Predicted: 1.29 ft. Residual: 2.04 ft.**
 Historical Maximum Water Level: 11/03/1978, 1.67 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

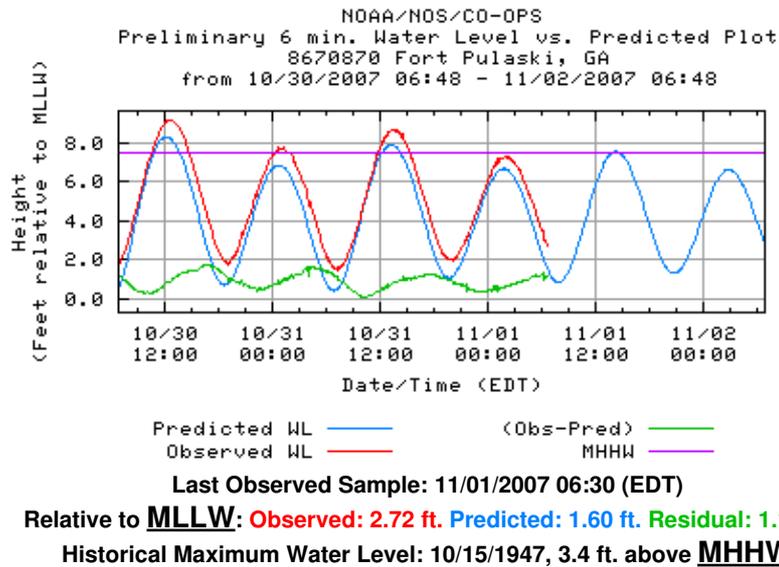


Last Observed Sample: 11/01/2007 06:36 (EDT)
 Relative to **MLLW**: **Observed: 2.38 ft. Predicted: 1.42 ft. Residual: 0.96 ft.**
 Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

Mayport (Bar Pilots Dock), FL - Station Map [Return to List](#)

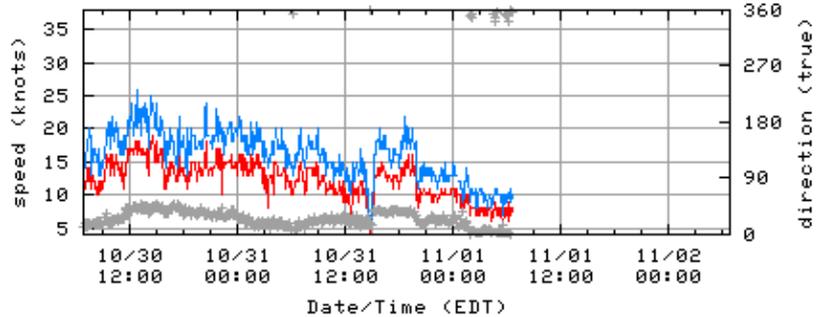


Fort Pulaski, GA - Station Map [Return to List](#)



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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8670870 Fort Pulaski, GA
 from 10/30/2007 06:48 - 11/02/2007 06:48



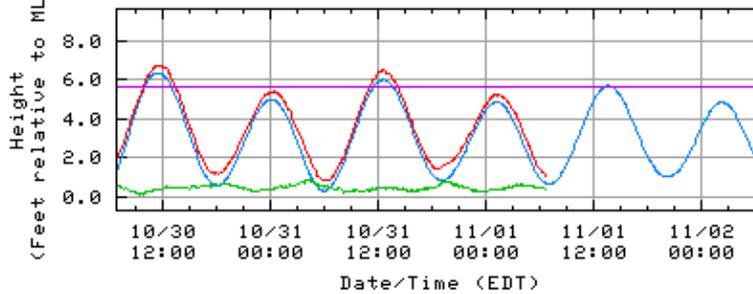
speed — gusts — direction +

Last Observed Sample: 11/01/2007 06:30 (EDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 358° T

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

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8661070 Springmaid Pier, SC
 from 10/30/2007 06:48 - 11/02/2007 06:48



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

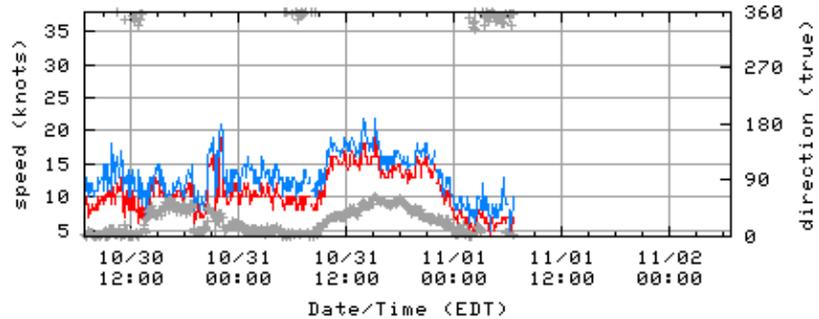
Last Observed Sample: 11/01/2007 06:36 (EDT)

Relative to **MLLW**: Observed: 1.09 ft. Predicted: 0.69 ft. Residual: 0.40 ft.

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

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

NOAA/NOS/CO-OPS
 Wind Speed/Gusts/Dir
 8661070 Springmaid Pier, SC
 from 10/30/2007 06:48 - 11/02/2007 06:48



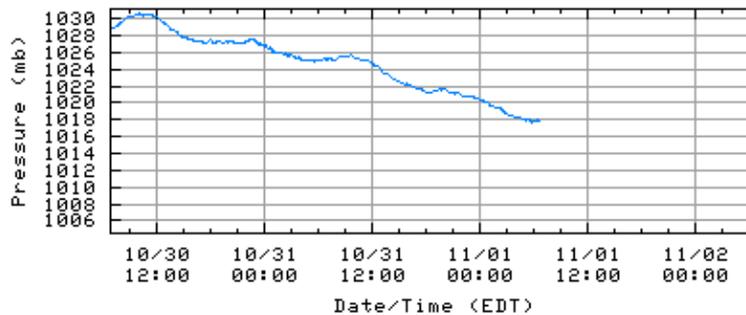
speed — gusts — direction +

Last Observed Sample: 11/01/2007 06:36 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 002° T

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

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8661070 Springmaid Pier, SC
 from 10/30/2007 06:48 - 11/02/2007 06:48



barometric pressure —

Last Observed Sample: 11/01/2007 06:36 (EDT)

Barometric Pressure: 1017.9 mb

Tropical Storm NOEL QUICKLOOK, POSTED 06:30 EDT 11/01/2007

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