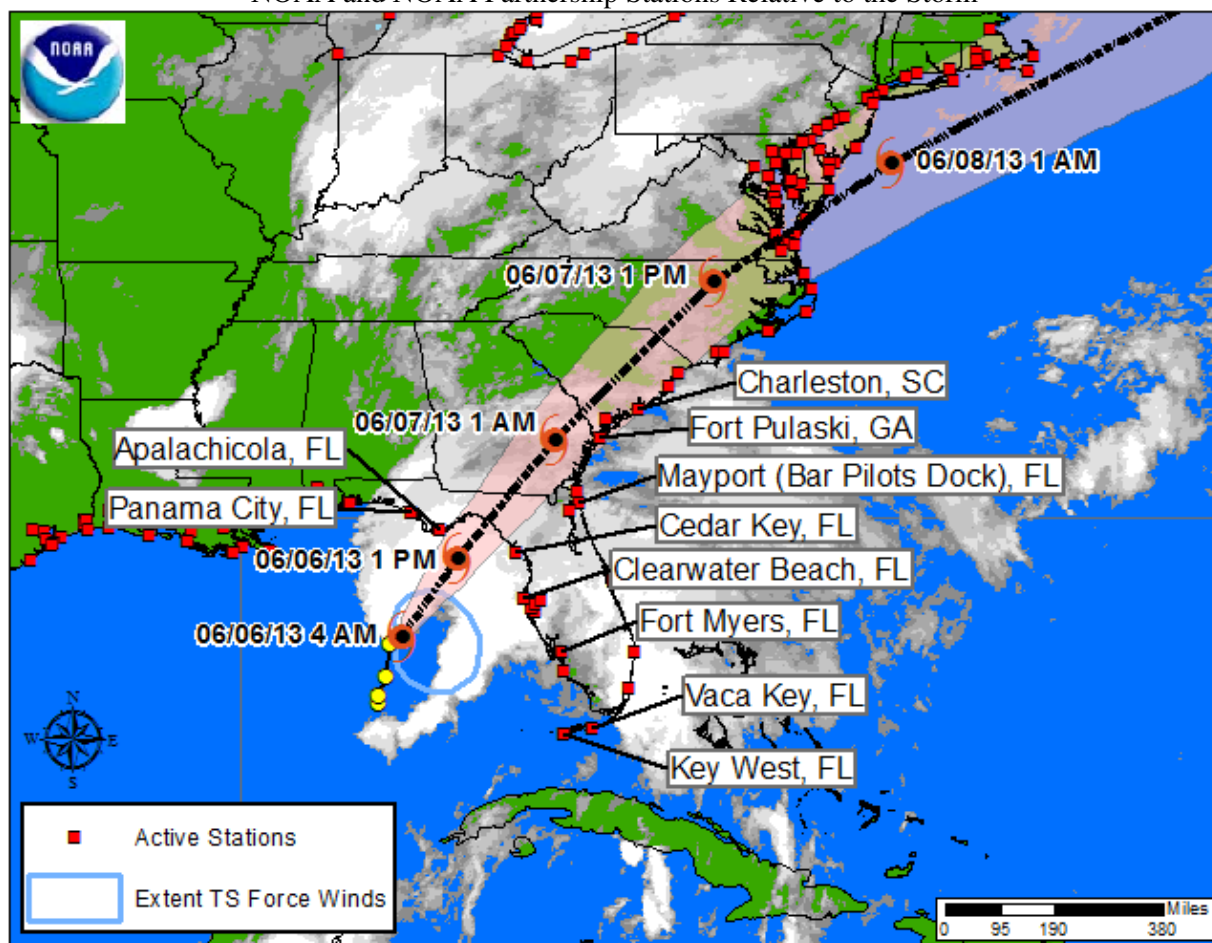




Tropical Storm ANDREA QuickLook  
Posted: 05:00 CDT 06/06/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/06/2013 05:00 CDT, water levels across the Gulf Coast of Florida and along the East Coast from northern Florida to South Carolina are slowly rising. Stations along the Florida Panhandle range from 0.5 to 1.0 feet above tidal predictions. Please note that water levels across this region have already been elevated by about half a foot over the past week. Along the East Coast, water levels are up to 0.5 feet above tidal predictions. Winds along the Gulf coast of Florida range from 5 to 15 knots with slightly higher gusts. Barometric pressure is slowly beginning to fall across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water are:

Fort Myers, FL: Next predicted high tides are 1.4 ft (0.44 m) at 06/06/2013 14:50 EDT and 0.7 ft (0.23 m) at

Tropical Storm ANDREA QuickLook, POSTED 05:00 CDT 06/06/2013

06/07/2013 04:42 EDT.

Clearwater Beach, FL: Next predicted high tides are 2.9 ft (0.89 m) at 06/06/2013 10:25 EDT and 1.9 ft (0.58 m) at 06/07/2013 00:35 EDT.

Cedar Key, FL: Next predicted high tides are 4.1 ft (1.24 m) at 06/06/2013 12:45 EDT and 3.3 ft (1.00 m) at 06/07/2013 02:19 EDT.

Apalachicola, FL: Next predicted high tides are 1.6 ft (0.50 m) at 06/06/2013 13:50 EDT and 1.4 ft (0.43 m) at 06/07/2013 06:02 EDT.

Panama City, FL: Next predicted high tides are 1.5 ft (0.46 m) at 06/06/2013 08:50 CDT and 1.6 ft (0.48 m) at 06/07/2013 09:25 CDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 4.1 ft (1.25 m) at 06/06/2013 07:55 EDT and 5.0 ft (1.53 m) at 06/06/2013 20:21 EDT.

Fort Pulaski, GA: Next predicted high tides are 6.4 ft (1.96 m) at 06/06/2013 07:13 EDT and 7.7 ft (2.36 m) at 06/06/2013 19:32 EDT.

Charleston, SC: Next predicted high tides are 4.8 ft (1.47 m) at 06/06/2013 07:03 EDT and 5.9 ft (1.82 m) at 06/06/2013 19:28 EDT.

Key West, FL: Next predicted high tides are 1.8 ft (0.55 m) at 06/06/2013 08:55 EDT and 1.0 ft (0.31 m) at 06/06/2013 22:24 EDT.

Vaca Key, FL: Next predicted high tides are 0.7 ft (0.22 m) at 06/06/2013 11:44 EDT and 0.5 ft (0.14 m) at 06/07/2013 03:33 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:

BULLETIN  
TROPICAL STORM ANDREA ADVISORY NUMBER 3  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
400 AM CDT THU JUN 06 2013

...ANDREA A LITTLE STRONGER HEADING TOWARD THE FLORIDA BIG BEND...

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY...

A TROPICAL WARNING HAS BEEN EXTENDED FROM OCHLOCKNEE RIVER TO INDIAN PASS FLORIDA.

A TROPICAL STORM WARNING HAS BEEN ISSUED FROM FLAGLER BEACH FLORIDA NORTHWARD ALONG THE UNITED STATES EAST COAST TO CAPE CHARLES LIGHT VIRGINIA...INCLUDING PAMLICO AND ALBEMARLE SOUNDS AND THE LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- \* THE WEST COAST OF FLORIDA FROM BOCA GRANDE TO INDIAN PASS
- \* FLAGLER BEACH FLORIDA TO CAPE CHARLES LIGHT VIRGINIA
- \* PAMLICO AND ALBEMARLE SOUNDS
- \* LOWER CHESAPEAKE BAY SOUTH OF NEW POINT COMFORT

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 400 AM CDT THE CENTER OF TROPICAL STORM ANDREA WAS LOCATED ABOUT 220 MI WSW OF TAMPA FLORIDA AND ABOUT 195 MI SSW OF APALACHICOLA FLORIDA. ANDREA IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 13 MPH. A TURN TOWARD THE NORTHEAST WITH AN ADDITIONAL INCREASE IN FORWARD SPEED IS EXPECTED TODAY. ON THE FORECAST TRACK...THE CENTER OF ANDREA WILL REACH THE COAST OF THE FLORIDA BIG BEND AREA LATER TODAY AND THEN MOVE ACROSS SOUTHEASTERN GEORGIA...SOUTHEASTERN SOUTH CAROLINA AND EASTERN NORTH CAROLINA BY FRIDAY.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 60 MPH WITH HIGHER GUSTS. NO SIGNIFICANT CHANGE IN STRENGTH IS FORECAST BEFORE THE CENTER REACHES THE COAST LATER TODAY.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES...220 KM PRIMARILY TO THE EAST OF THE CENTER.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE HURRICANE HUNTER AIRCRAFT WAS 997 MB...29.44 INCHES.

HAZARDS AFFECTING LAND

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STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING HEIGHTS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

TAMPA BAY NORTHWARD TO APALACHICOLA...2 TO 4 FT  
FLORIDA WEST COAST SOUTH OF TAMPA BAY...1 TO 2 FT

FLAGLER BEACH NORTH TO CAPE CHARLES LIGHT...1 TO 2 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST NEAR AND TO THE SOUTH OF THE FLORIDA LANDFALL LOCATION. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...ANDREA IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES OVER MUCH OF THE FLORIDA PENINSULA...EASTERN PARTS OF THE FLORIDA PANHANDLE...AND SOUTHEASTERN GEORGIA...WITH ISOLATED MAXIMUM AMOUNTS OF 8 INCHES POSSIBLE. TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE ALSO EXPECTED OVER EASTERN SOUTH CAROLINA... EASTERN NORTH CAROLINA AND SOUTHEASTERN VIRGINIA.

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE FLORIDA WEST COAST WITHIN THE WARNING AREA LATER TODAY...MAKING OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS. THESE CONDITIONS WILL GRADUALLY SPREAD NORTHWARD ALONG THE UNITED STATES EAST COAST DURING THE NEXT 24 TO 36 HOURS.

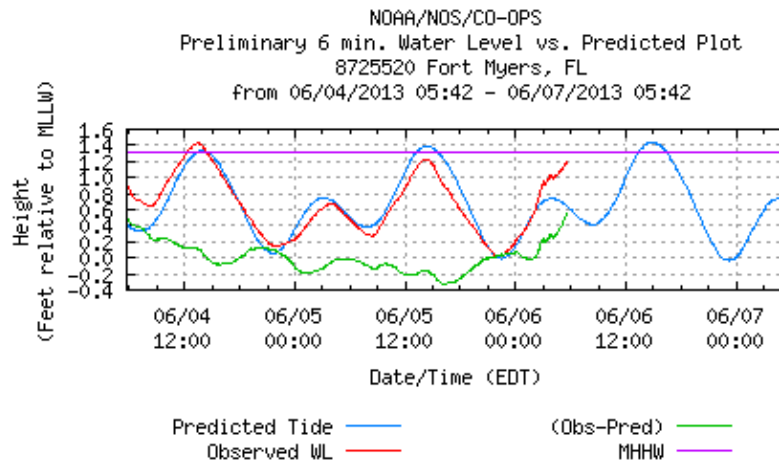
TORNADOES...A FEW TORNADOES ARE POSSIBLE OVER THE FLORIDA PENINSULA TODAY.

FORECASTER AVILA/BLAKE

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.

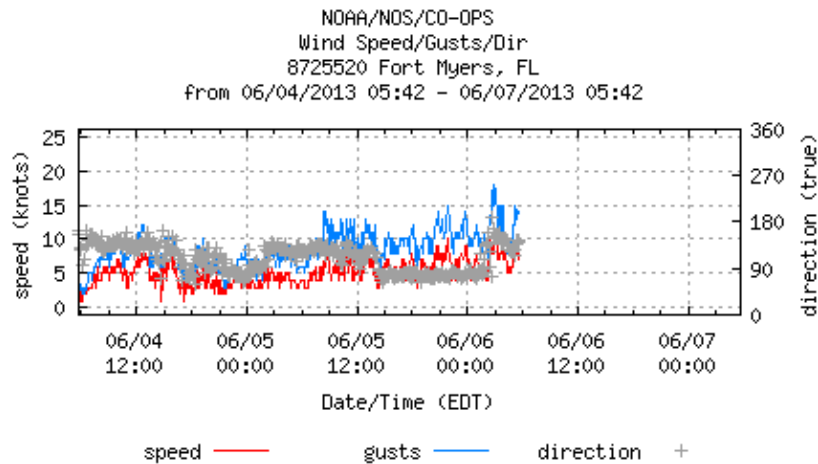
Jump to: [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Barometric](#), [Apalachicola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Key West - Water Level](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#)

Fort Myers, FL - Return to List



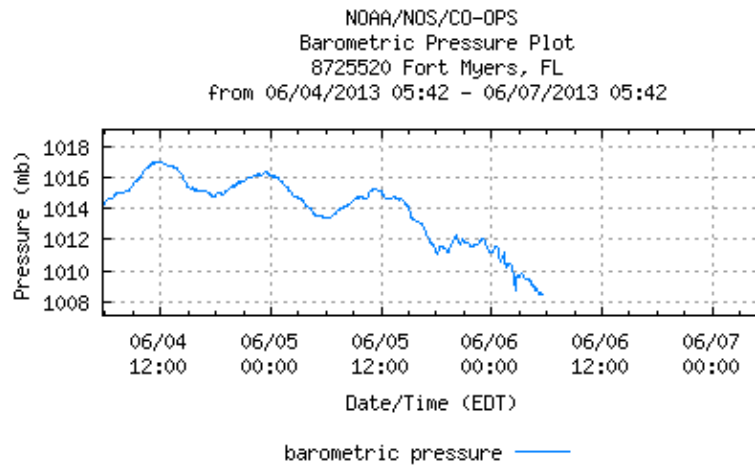
Last Observed Sample: 06/06/2013 05:36 (EDT)  
Relative to MLLW: **Observed: 1.20 ft.** **Predicted: 0.64 ft.** **Residual: 0.56 ft.**  
Historical Maximum Water Level: Nov 23 1988, 4.72 ft. above MLLW

Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)  
**Wind Speed: 7 knots** **Gusts: 14 knots** Direction: 144° T

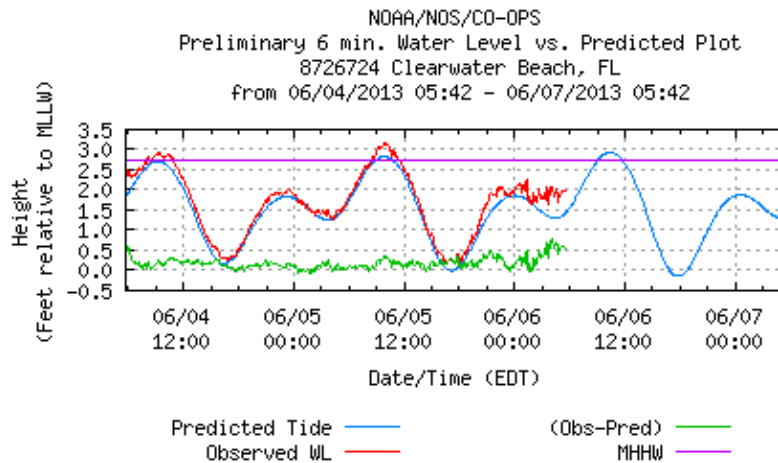
Fort Myers, FL - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)

Barometric Pressure: 1008.4 mb

Clearwater Beach, FL - Return to List

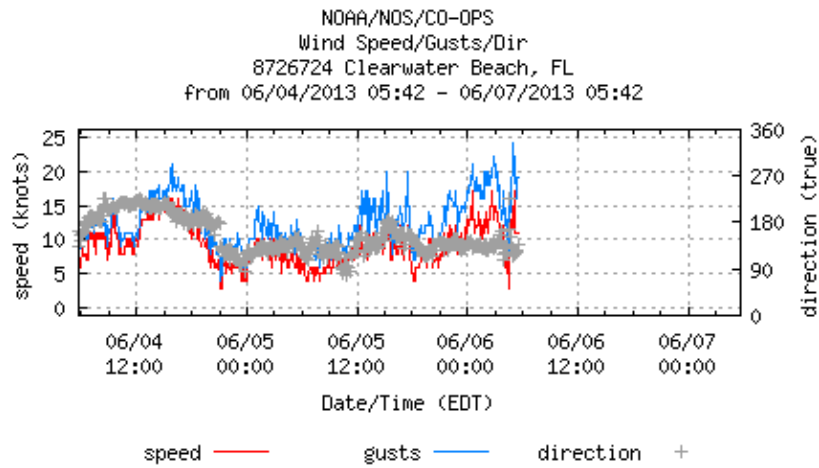


Last Observed Sample: 06/06/2013 05:30 (EDT)

Relative to MLLW: **Observed: 1.98 ft.** **Predicted: 1.42 ft.** **Residual: 0.56 ft.**

Historical Maximum Water Level: Mar 13 1993, 6.76 ft. above MLLW

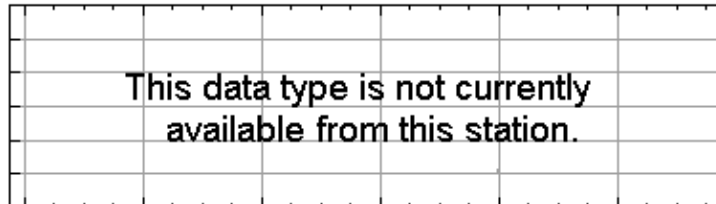
Clearwater Beach, FL - Return to List



Last Observed Sample: 06/06/2013 05:30 (EDT)  
Wind Speed: 11 knots Gusts: 19 knots Direction: 139° T

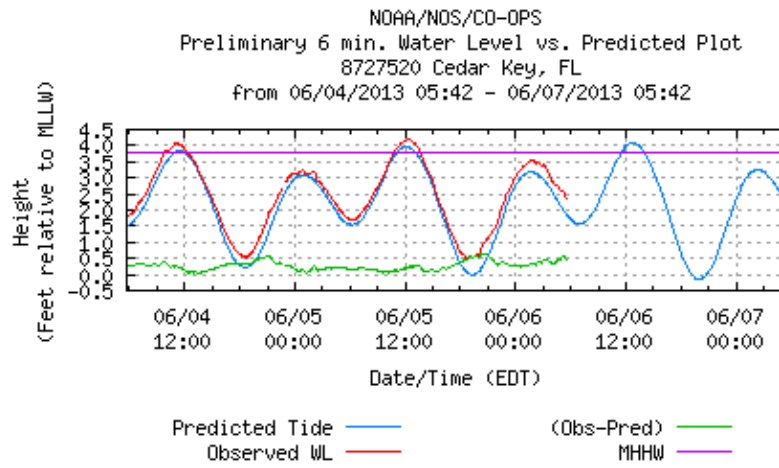
Clearwater Beach, FL - Return to List

NOAA/NOS/CO-OPS



Last Observed Sample: 06/06/2013 05:30 (EDT)  
Barometric Pressure: 1007.6 mb

Cedar Key, FL - Return to List

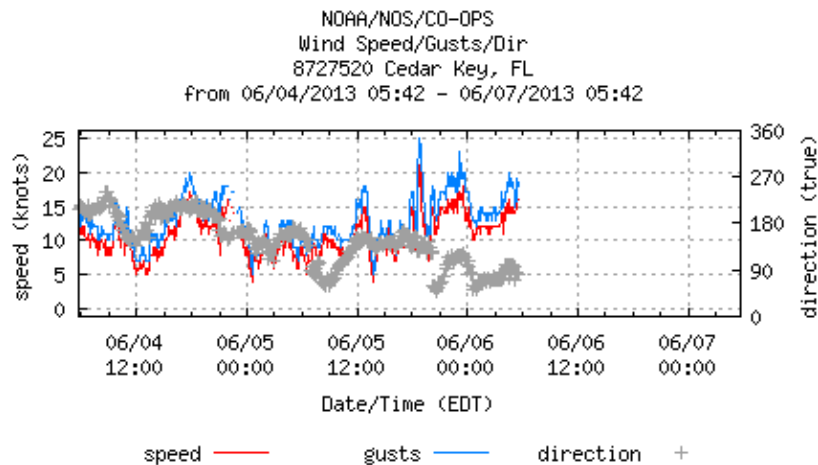


Last Observed Sample: 06/06/2013 05:30 (EDT)

Relative to MLLW: **Observed: 2.36 ft.** **Predicted: 1.88 ft.** **Residual: 0.48 ft.**

Historical Maximum Water Level: Oct 7 1996, 8.95 ft. above MLLW

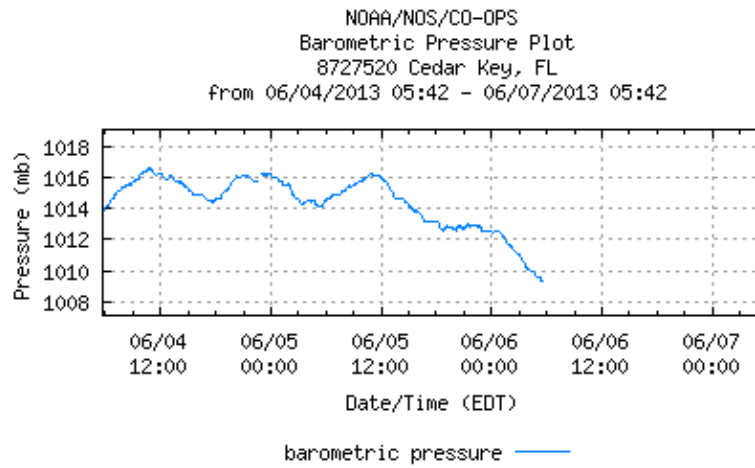
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 05:30 (EDT)

**Wind Speed: 16 knots** **Gusts: 18 knots** **Direction: 80° T**

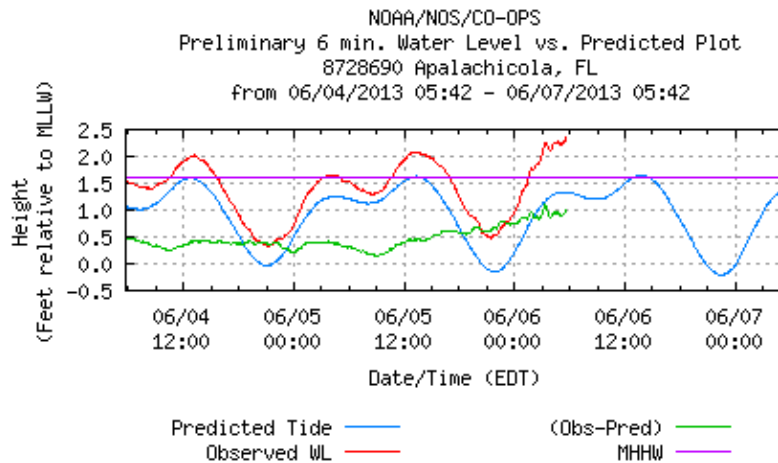
Cedar Key, FL - Return to List



Last Observed Sample: 06/06/2013 05:30 (EDT)

Barometric Pressure: 1009.3 mb

Apalachicola, FL - Return to List

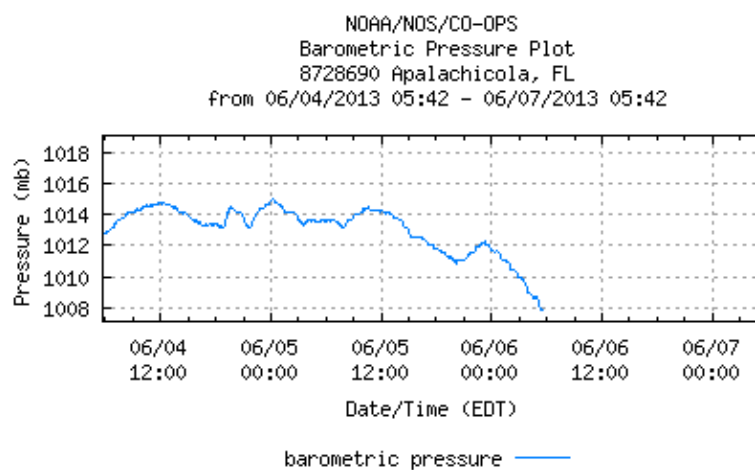


Last Observed Sample: 06/06/2013 05:36 (EDT)

Relative to MLLW: **Observed: 2.34 ft.** **Predicted: 1.33 ft.** **Residual: 1.01 ft.**

Historical Maximum Water Level: Jul 10 2005, 8.04 ft. above MLLW

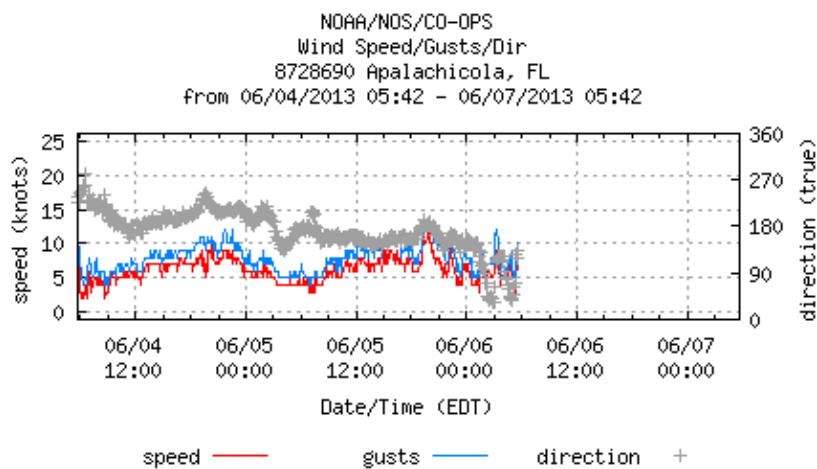
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)

Barometric Pressure: 1007.8 mb

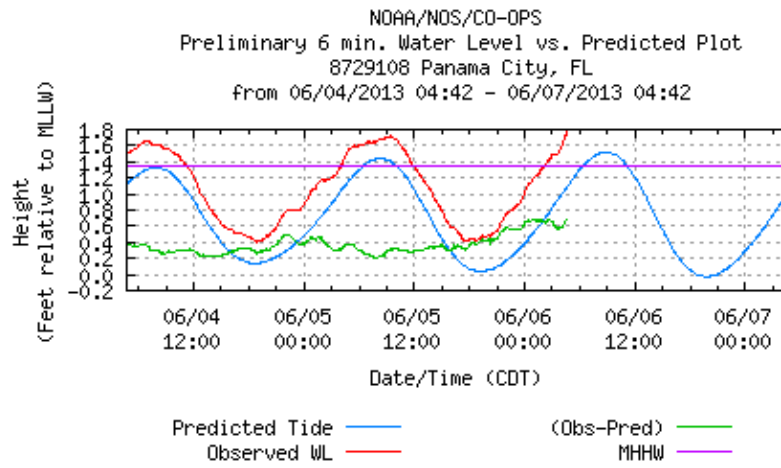
Apalachicola, FL - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)

Wind Speed: 7 knots Gusts: 9 knots Direction: 134° T

Panama City, FL - Return to List

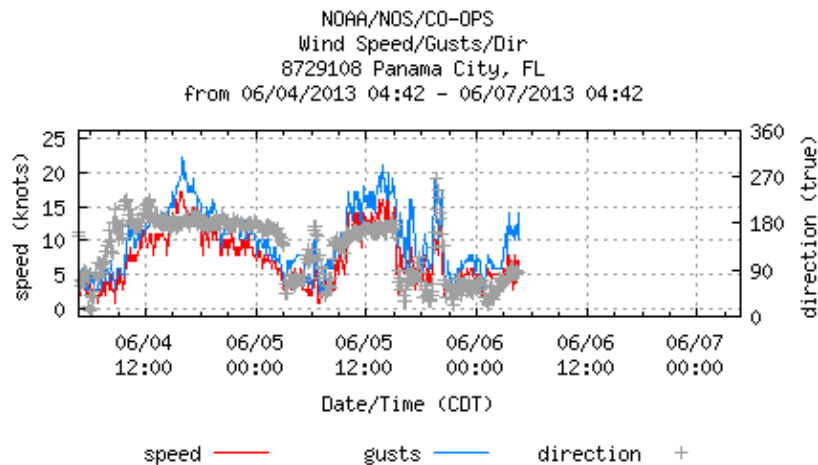


Last Observed Sample: 06/06/2013 04:36 (CDT)

Relative to MLLW: **Observed: 1.77 ft.** **Predicted: 1.09 ft.** **Residual: 0.68 ft.**

Historical Maximum Water Level: Oct 4 1995, 7.06 ft. above MLLW

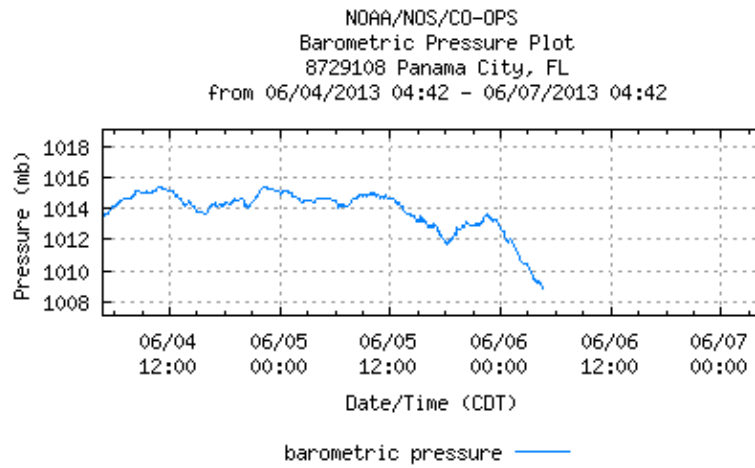
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 04:36 (CDT)

**Wind Speed: 6 knots** **Gusts: 10 knots** **Direction: 86° T**

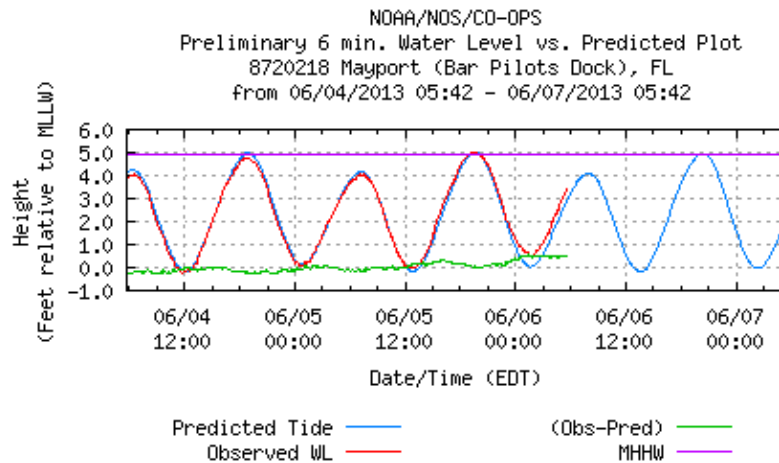
Panama City, FL - Return to List



Last Observed Sample: 06/06/2013 04:36 (CDT)

Barometric Pressure: 1008.8 mb

Mayport (Bar Pilots Dock), FL - Return to List

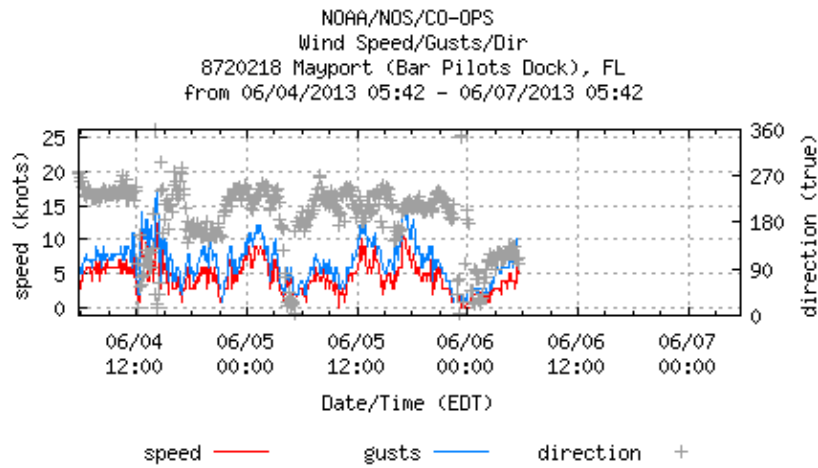


Last Observed Sample: 06/06/2013 05:36 (EDT)

Relative to MLLW: Observed: 3.38 ft. Predicted: 2.92 ft. Residual: 0.46 ft.

Historical Maximum Water Level: Sep 27 2004, 7.42 ft. above MLLW

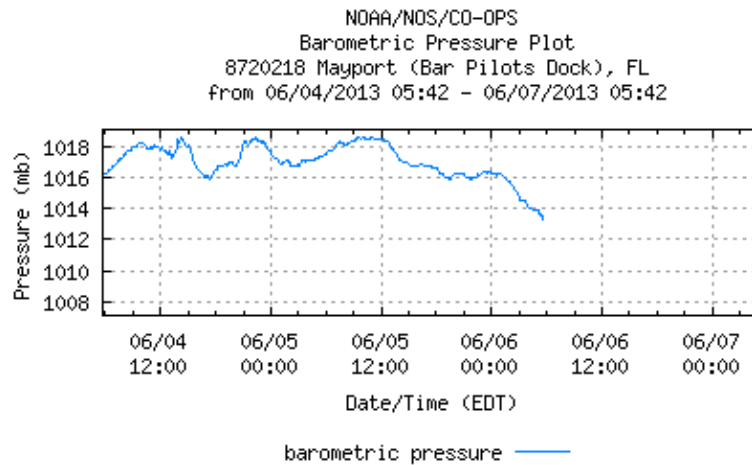
Mayport (Bar Pilots Dock), FL - [Return to List](#)



Last Observed Sample: 06/06/2013 05:36 (EDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 102° T

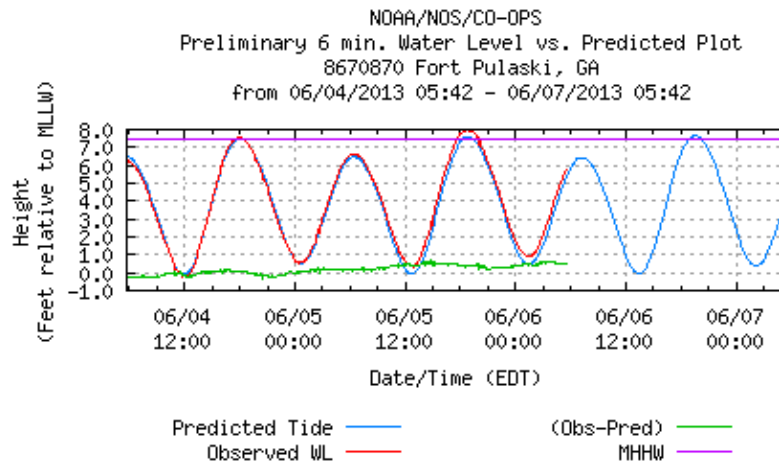
Mayport (Bar Pilots Dock), FL - [Return to List](#)



Last Observed Sample: 06/06/2013 05:36 (EDT)

Barometric Pressure: 1013.3 mb

Fort Pulaski, GA - Return to List

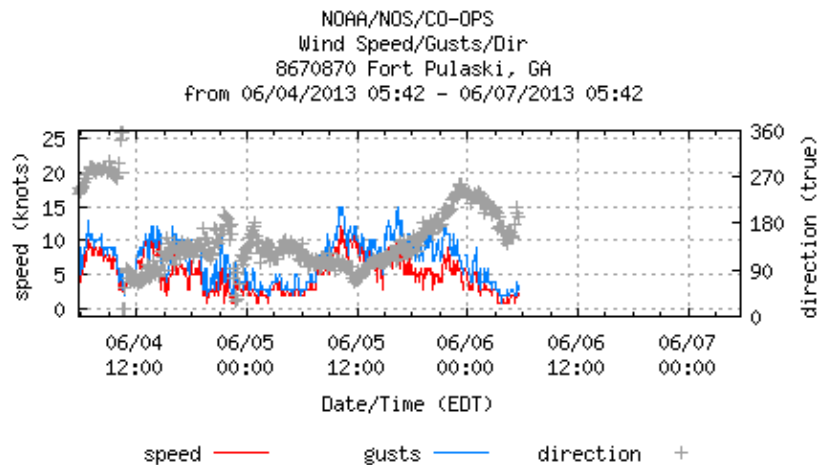


Last Observed Sample: 06/06/2013 05:30 (EDT)

Relative to MLLW: **Observed: 5.77 ft.** **Predicted: 5.31 ft.** **Residual: 0.46 ft.**

Historical Maximum Water Level: Oct 15 1947, 10.90 ft. above MLLW

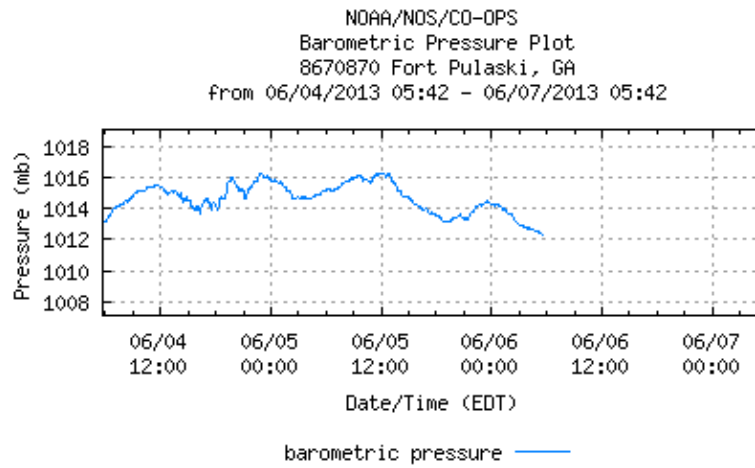
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 05:30 (EDT)

**Wind Speed: 2 knots** **Gusts: 3 knots** **Direction: 193° T**

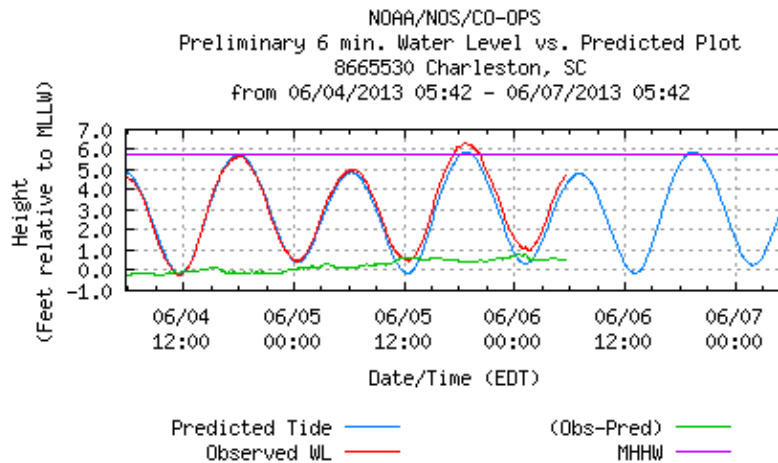
Fort Pulaski, GA - Return to List



Last Observed Sample: 06/06/2013 05:30 (EDT)

Barometric Pressure: 1012.3 mb

Charleston, SC - Return to List

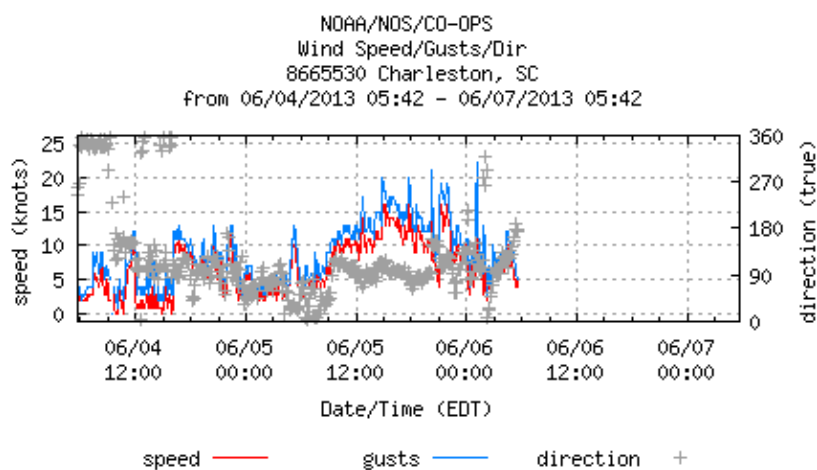


Last Observed Sample: 06/06/2013 05:36 (EDT)

Relative to MLLW: **Observed: 4.76 ft.** **Predicted: 4.25 ft.** **Residual: 0.51 ft.**

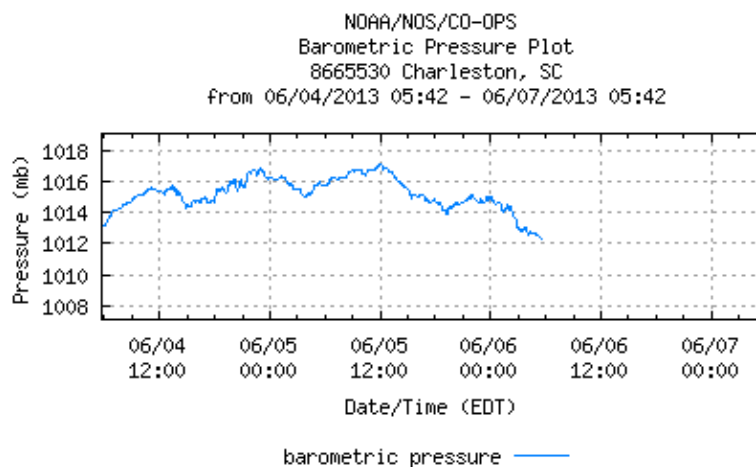
Historical Maximum Water Level: Sep 21 1989, 12.52 ft. above MLLW

Charleston, SC - Return to List



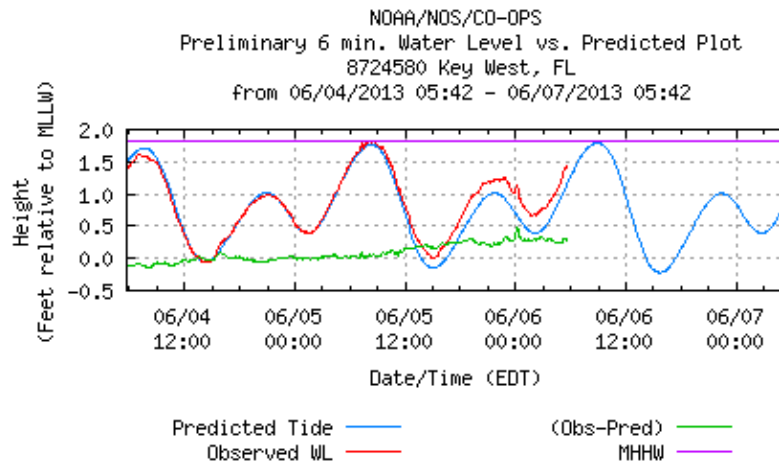
Last Observed Sample: 06/06/2013 05:36 (EDT)  
Wind Speed: 5 knots Gusts: 5 knots Direction: 177° T

Charleston, SC - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)  
Barometric Pressure: 1012.3 mb

[Key West, FL - Return to List](#)

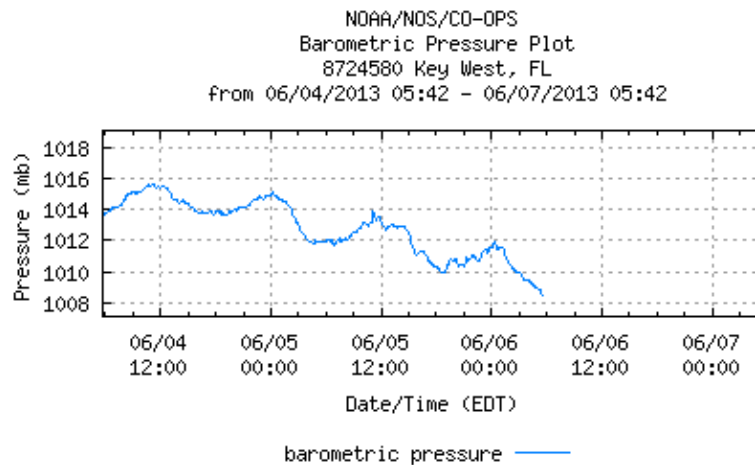


Last Observed Sample: 06/06/2013 05:36 (EDT)

Relative to MLLW: **Observed: 1.43 ft.** **Predicted: 1.16 ft.** **Residual: 0.27 ft.**

Historical Maximum Water Level: Oct 24 2005, 4.94 ft. above MLLW

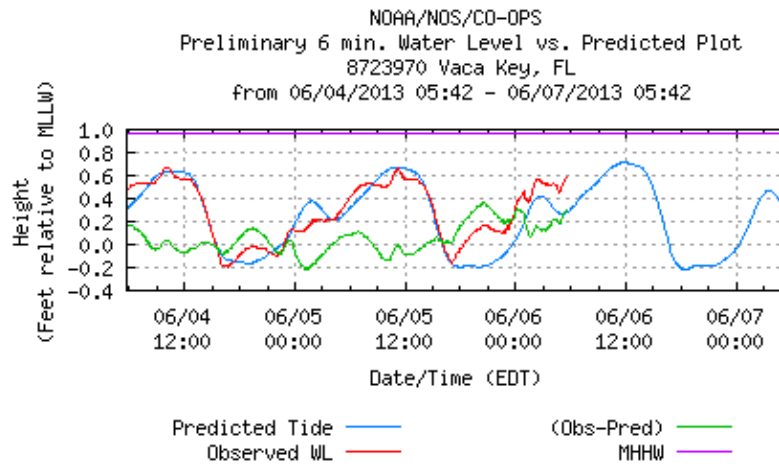
[Key West, FL - Return to List](#)



Last Observed Sample: 06/06/2013 05:36 (EDT)

**Barometric Pressure: 1008.4 mb**

Vaca Key, FL - Return to List

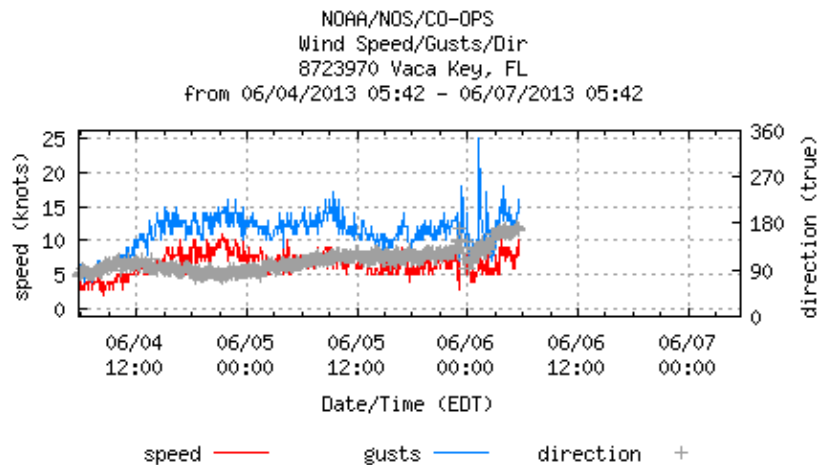


Last Observed Sample: 06/06/2013 05:36 (EDT)

Relative to MLLW: **Observed: 0.58 ft.** **Predicted: 0.28 ft.** **Residual: 0.30 ft.**

Historical Maximum Water Level: Oct 24 2005, 6.77 ft. above MLLW

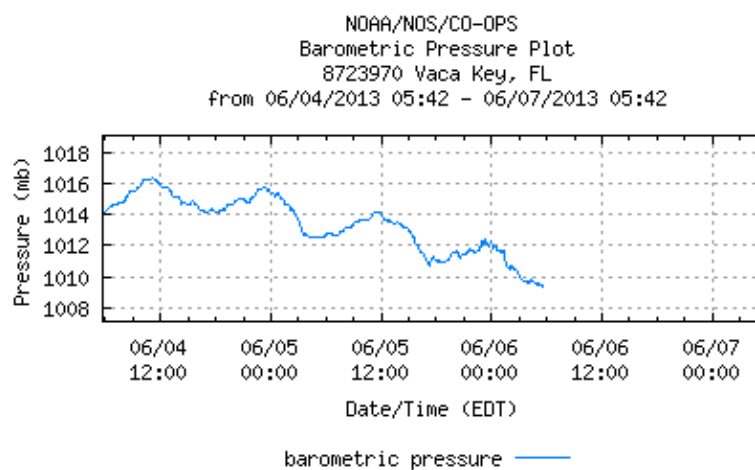
Vaca Key, FL - Return to List



Last Observed Sample: 06/06/2013 05:36 (EDT)

**Wind Speed: 10 knots** **Gusts: 16 knots** **Direction: 171° T**

[Vaca Key, FL - Return to List](#)



Last Observed Sample: 06/06/2013 05:36 (EDT)

[Barometric Pressure: 1009.4 mb](#)

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