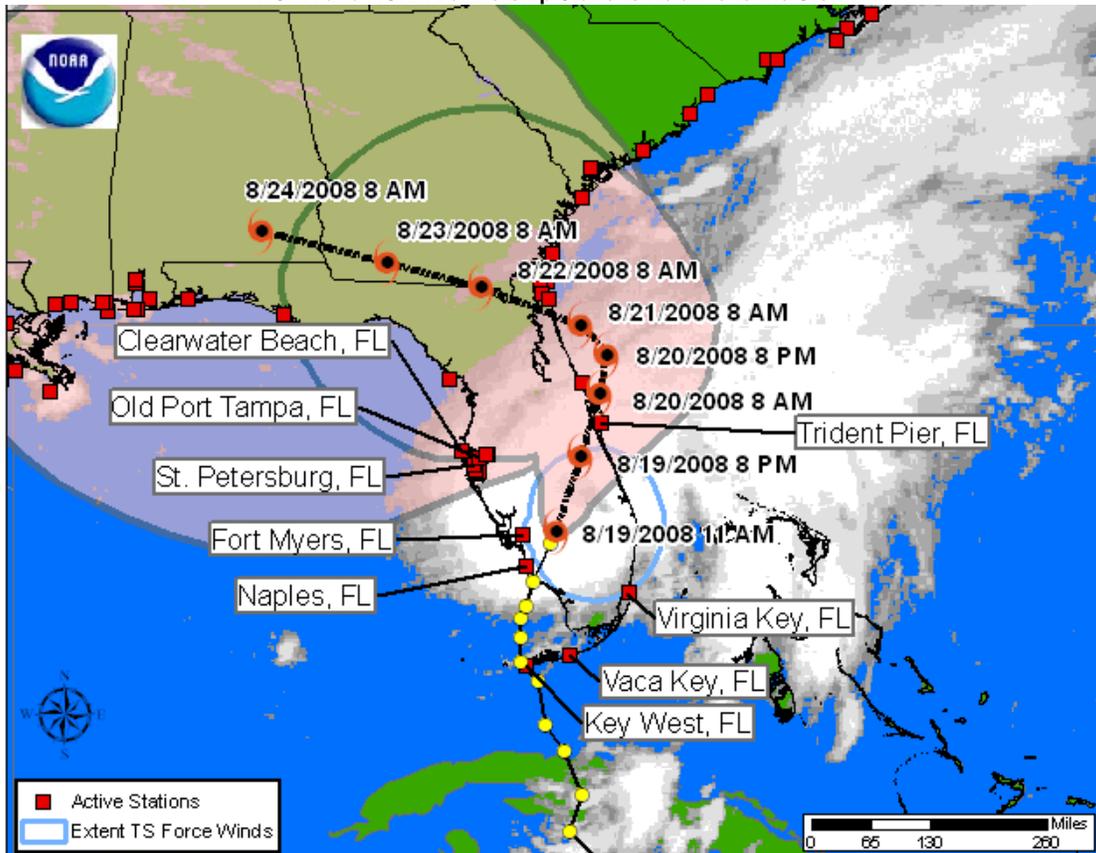




Tropical Storm FAY QuickLook  
Posted: 12:30 EDT 08/19/2008



NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/19/2008 12:30 EDT, water levels from the Florida Keys to Naples are elevated about 0.4 to over 1.0 feet above predicted. Water levels north of Naples in southwest Florida are at or below predicted. Water levels along eastern Florida are nearly 1.0 foot above predicted. Wind speeds are falling from the Florida Keys to Fort Meyers, with gusts up to 30 knots in Fort Meyers. Wind gusts are up to 25 knots at St. Petersburg. Barometric pressure continues to fall north of St. Petersburg. Barometric pressure is rising from the Florida Keys to Fort Meyers.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to [Mean Lower Low Water](#) are:

Naples, FL: Next predicted high tide is 3.08 ft (0.94 m) at 08/19/2008 14:24 EDT.

Fort Myers, FL: Next predicted high tide is 1.50 ft (0.46 m) at 08/19/2008 18:00 EDT.

Virginia Key, FL: Next predicted high tide is 2.40 ft (0.73 m) at 08/19/2008 23:41 EDT.

Trident Pier, FL: Next predicted high tide is 3.90 ft (1.18 m) at 08/19/2008 22:26 EDT.

Key West, FL: Next predicted high tide is 1.90 ft (0.60 m) at 08/19/2008 12:15 EDT.

Vaca Key, FL: Next predicted high tide is 1.16 ft (0.35 m) at 08/19/2008 16:42 EDT.

Old Port Tampa, FL: Next predicted high tide is 2.69 ft (0.82 m) at 08/19/2008 17:00 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.99 ft (0.91 m) at 08/19/2008 13:42 EDT.

St.Petersburg, FL: Next predicted high tide is 2.41 ft (0.73 m) at 08/19/2008 16:18 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: TB

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

TROPICAL STORM FAY ADVISORY NUMBER 16

1100 AM EDT TUE AUG 19 2008

FAY IS NOT IN A HURRY TO CROSS THE SOUTH FLORIDA PENINSULA

AT 11 AM EDT THE TROPICAL STORM WARNING FOR THE WEST COAST OF FLORIDA FLORIDA KEYS SOUTHWEST OF OCEAN REEF AND FLORIDA BAY HAVE BEEN DISCONTINUED.

A TROPICAL STORM WARNING REMAINS IN EFFECT ALONG THE EAST COAST OF FLORIDA FROM NORTH OF OCEAN REEF TO FLAGLER BEACH INCLUDING LAKE OKEECHOBEE.

A TROPICAL STORM WATCH REMAINS IN EFFECT FOR THE FLORIDA EAST COAST NORTH OF FLAGLER BEACH TO FERNANDINA BEACH.

AT 1100 AM EDT THE CENTER OF TROPICAL STORM FAY WAS LOCATED 30 MILES EAST OF FT. MYERS FLORIDA AND 20 MILES SOUTHWEST OF MOORE HAVEN ON THE WEST SIDE OF LAKE OKEECHOBEE.

FAY IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 9 MPH THIS GENERAL MOTION WITH A GRADUAL TURN TO THE NORTH AND A DECREASE IN FORWARD SPEED IN EXPECTED DURING THE NEXT 24 TO 36 HOURS. FAY SHOULD MOVE OVER WATER NEAR THE EAST COAST OF NORTH FLORIDA ON WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. FAY SHOULD WEAKEN TODAY AS IT MOVES FARTHER INLAND. SOME RESTRENGTHENING IS EXPECTED ONCE FAY MOVES BACK OVER WATER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER.

FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES OVER THE SOUTHERN AND EAST-CENTRAL FLORIDA PENINSULA..WITH MAXIMUM TOTAL AMOUNTS OF 15 INCHES.

STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA AS FAY APPROACHES.

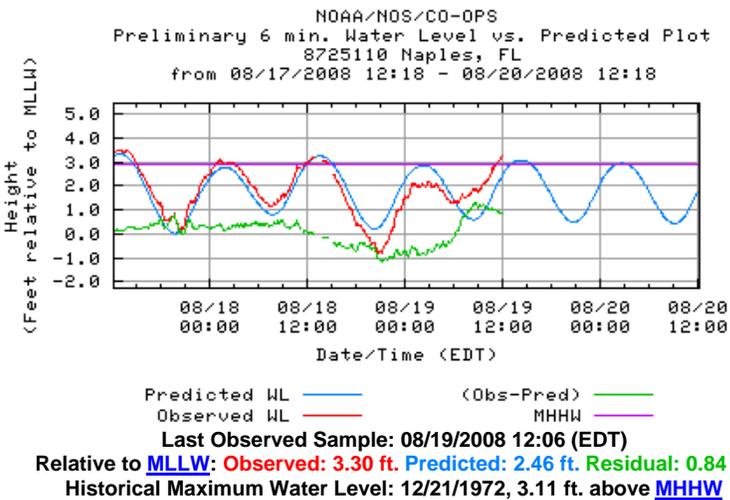
ISOLATED TORNADES ARE POSSIBLE TODAY OVER THE EASTERN HALF OF THE FLORIDA PENINSULA.

FORECASTER AVILA

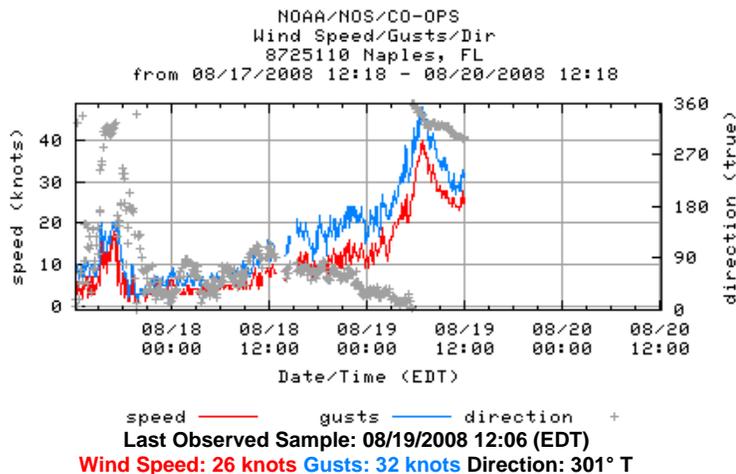
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Naples - Water Level](#), [Naples - Winds](#), [Naples - Air/Water Temp](#), [Naples - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Barometric](#), [Virginia Key - Water Level](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Air/Water Temp](#), [Key West - Barometric](#), [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Air/Water Temp](#), [Vaca Key - Barometric](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#),

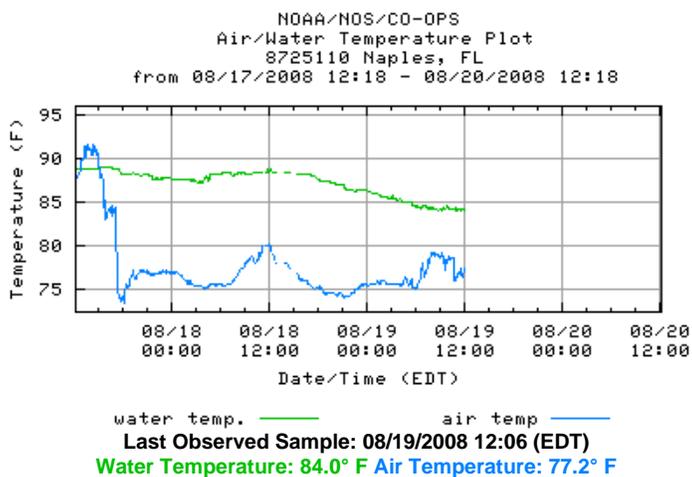
[Naples, FL - Station Map](#) [Return to List](#)



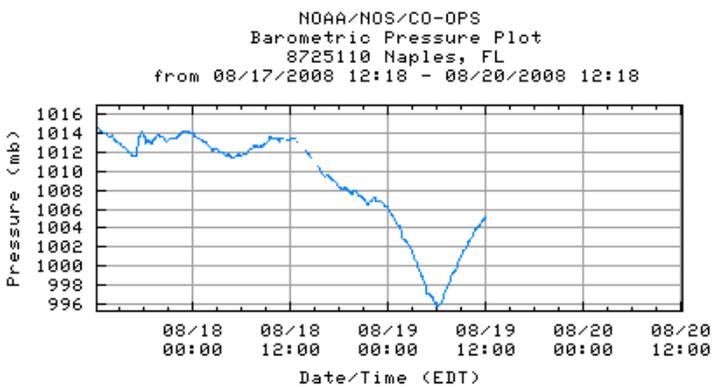
[Naples, FL - Station Map](#) [Return to List](#)



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

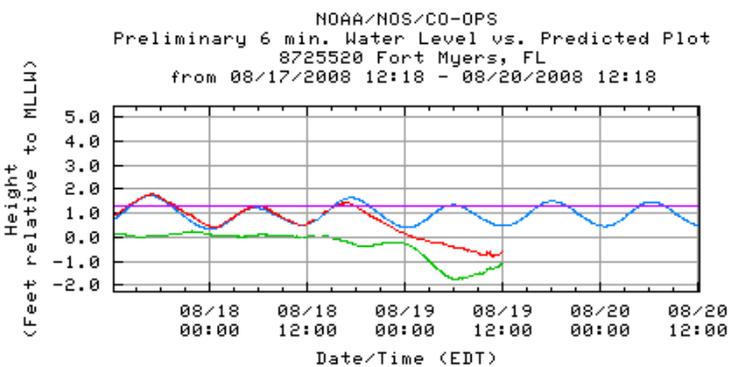


[Naples, FL - Station Map](#) [Return to List](#)



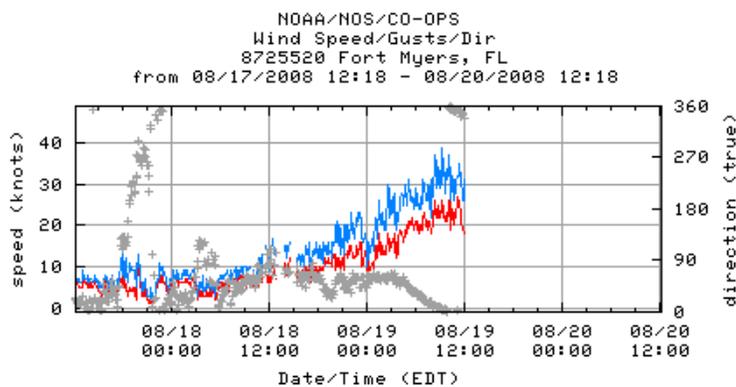
barometric pressure —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Barometric Pressure: 1005.1 mb**

[Fort Myers, FL - Station Map](#) [Return to List](#)



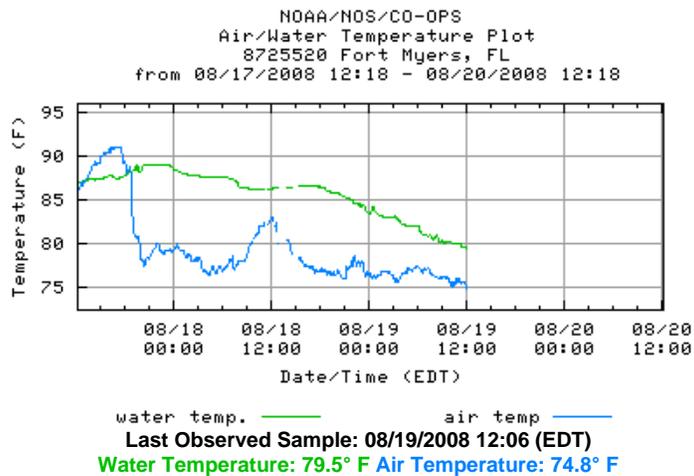
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
 Relative to **MLLW**: **Observed: -0.62 ft. Predicted: 0.47 ft. Residual: -1.09 ft.**  
 Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

[Fort Myers, FL - Station Map](#) [Return to List](#)

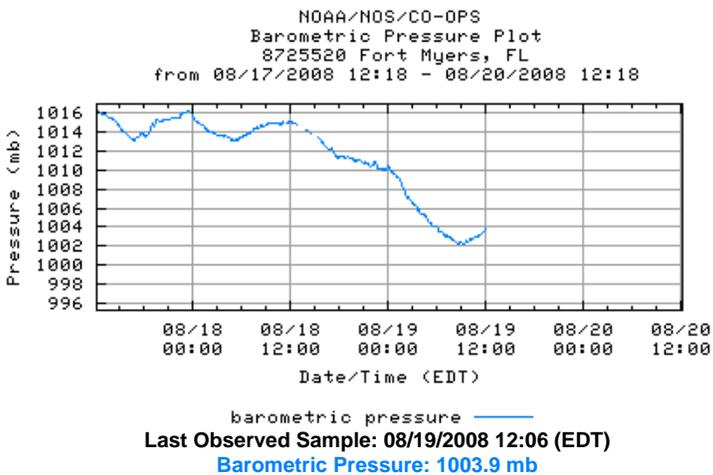


speed — gusts — direction +  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Wind Speed: 18 knots Gusts: 31 knots Direction: 340° T**

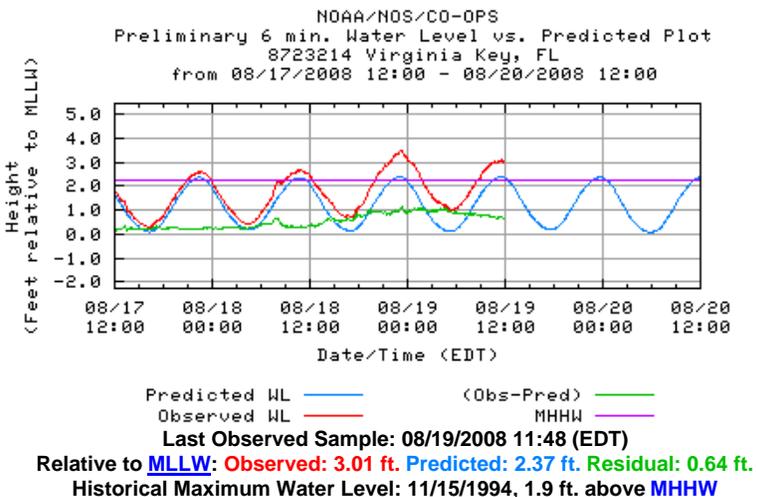
[Fort Myers, FL - Station Map](#) [Return to List](#)



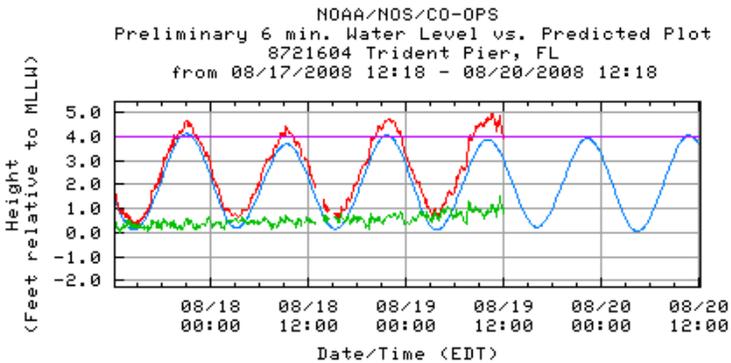
[Fort Myers, FL - Station Map](#) [Return to List](#)



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



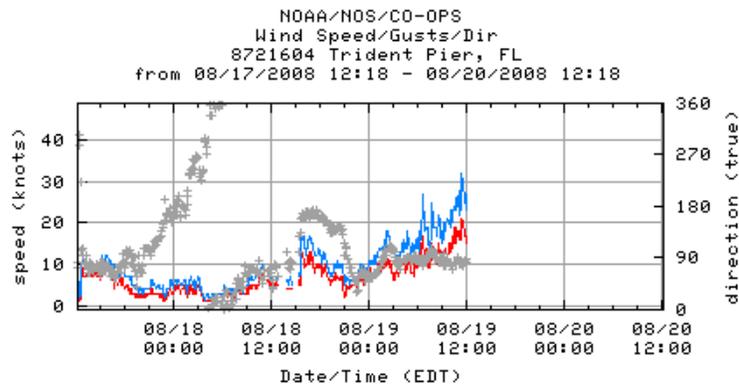
[Trident Pier, FL - Station Map](#) [Return to List](#)



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

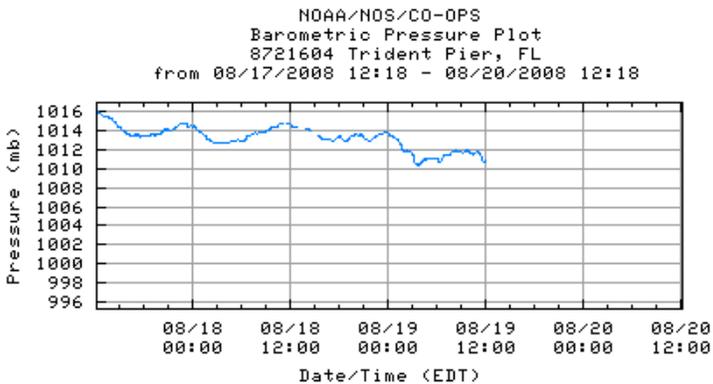
Last Observed Sample: 08/19/2008 12:06 (EDT)  
 Relative to **MLLW**: Observed: 4.04 ft. Predicted: 3.02 ft. Residual: 1.02 ft.  
 Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

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



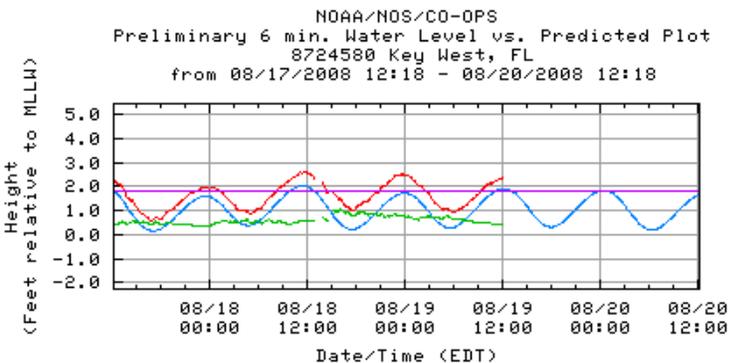
speed — gusts — direction +  
 Last Observed Sample: 08/19/2008 12:06 (EDT)  
**Wind Speed: 15 knots Gusts: 27 knots Direction: 088° T**

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



barometric pressure —  
 Last Observed Sample: 08/19/2008 12:06 (EDT)  
**Barometric Pressure: 1010.9 mb**

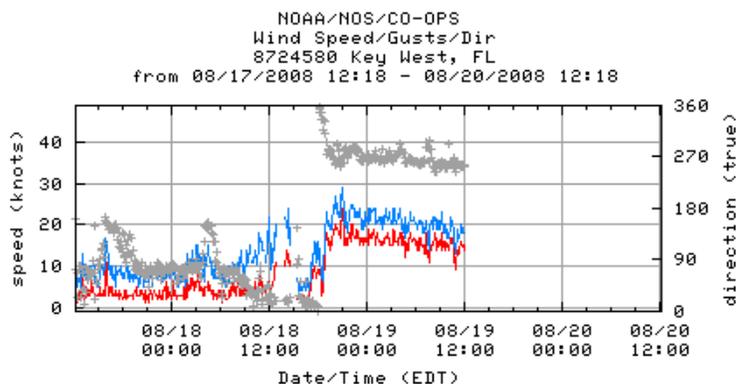
[Key West, FL - Station Map](#) [Return to List](#)



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

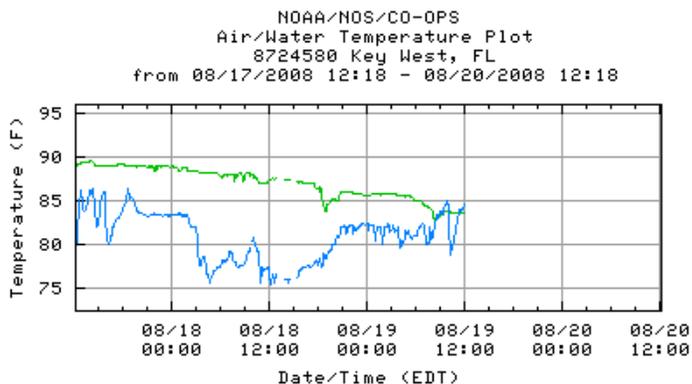
Last Observed Sample: 08/19/2008 12:06 (EDT)  
 Relative to **MLLW**: Observed: 2.36 ft. Predicted: 1.90 ft. Residual: 0.46 ft.  
 Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

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



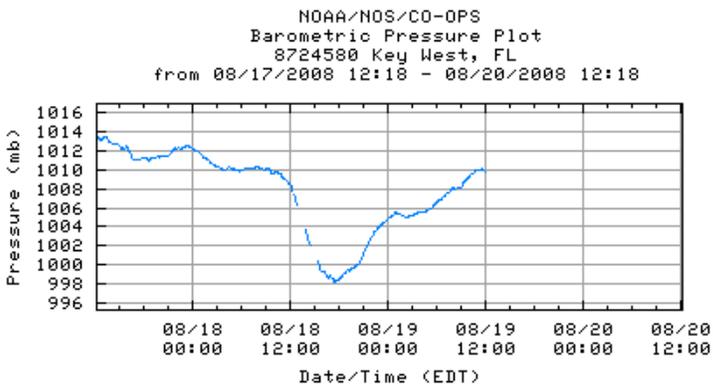
speed — gusts — direction +  
 Last Observed Sample: 08/19/2008 12:06 (EDT)  
**Wind Speed: 15 knots Gusts: 18 knots Direction: 253° T**

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



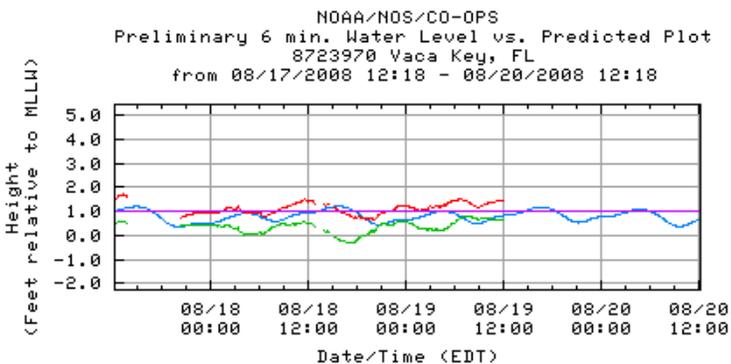
water temp. — air temp —  
 Last Observed Sample: 08/19/2008 12:06 (EDT)  
**Water Temperature: 83.7° F Air Temperature: 84.7° F**

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



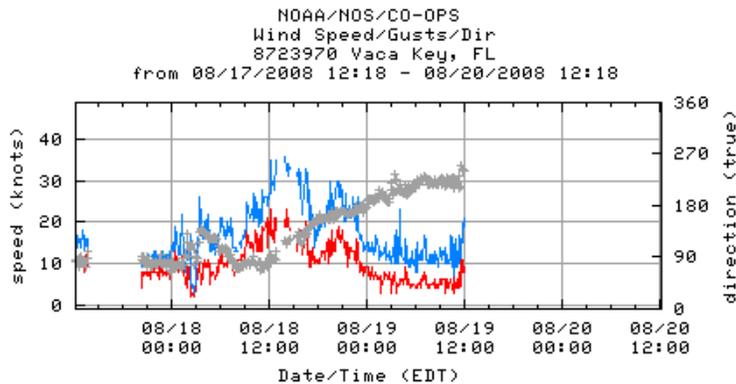
barometric pressure —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Barometric Pressure: 1009.8 mb**

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



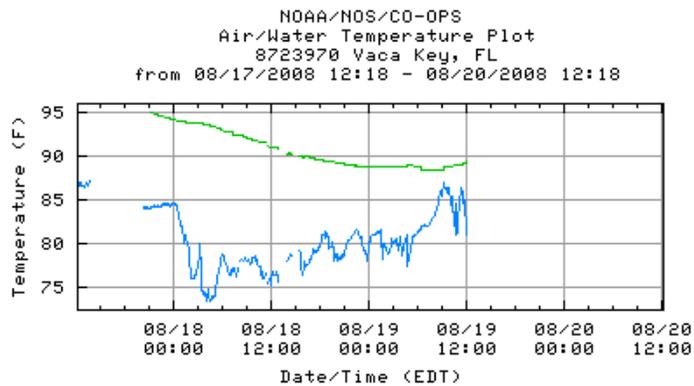
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
 Relative to **MLLW**: **Observed: 1.44 ft. Predicted: 0.83 ft. Residual: 0.61 ft.**  
 Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

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



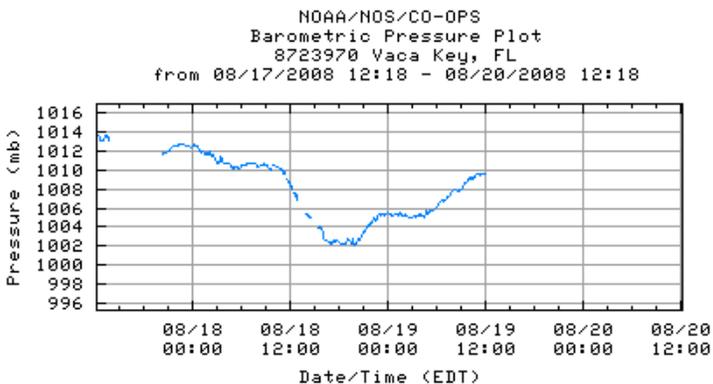
speed — gusts — direction +  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Wind Speed: 9 knots Gusts: 19 knots Direction: 241° T**

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



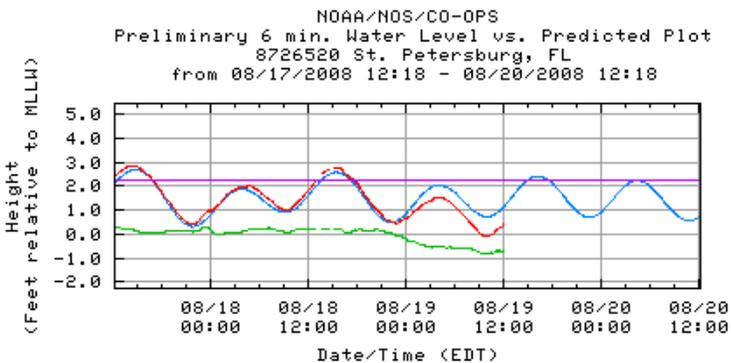
water temp. — air temp —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Water Temperature: 89.4° F Air Temperature: 81.0° F**

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



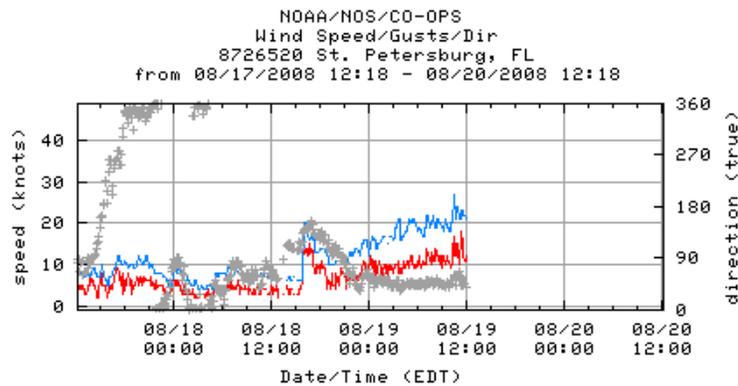
barometric pressure —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Barometric Pressure: 1009.6 mb**

[St. Petersburg, FL - Station Map](#) [Return to List](#)



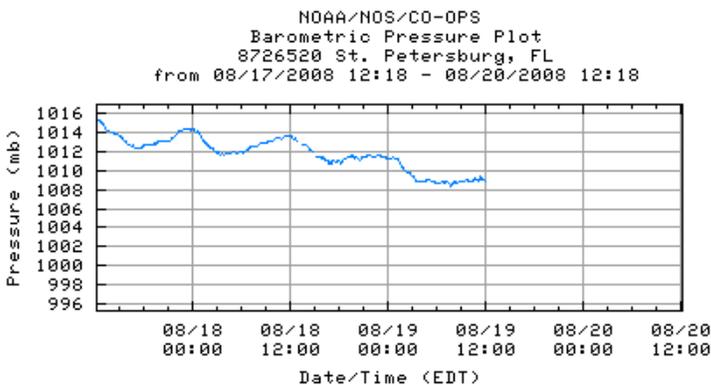
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Relative to MLLW: Observed: 0.43 ft. Predicted: 1.13 ft. Residual: -0.70 ft.**  
**Historical Maximum Water Level: 08/31/1985, 4 ft. above MHHW**

[St. Petersburg, FL - Station Map](#) [Return to List](#)



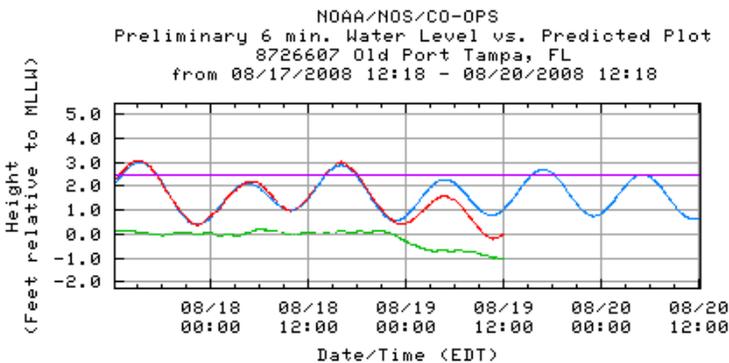
speed — gusts — direction +  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Wind Speed: 11 knots Gusts: 21 knots Direction: 039° T**

[St. Petersburg, FL - Station Map](#) [Return to List](#)



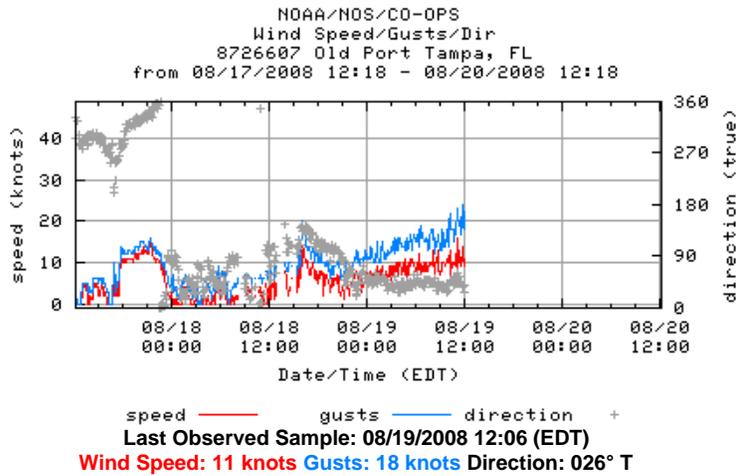
barometric pressure —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Barometric Pressure: 1008.8 mb**

[Old Port Tampa, FL - Station Map](#) [Return to List](#)

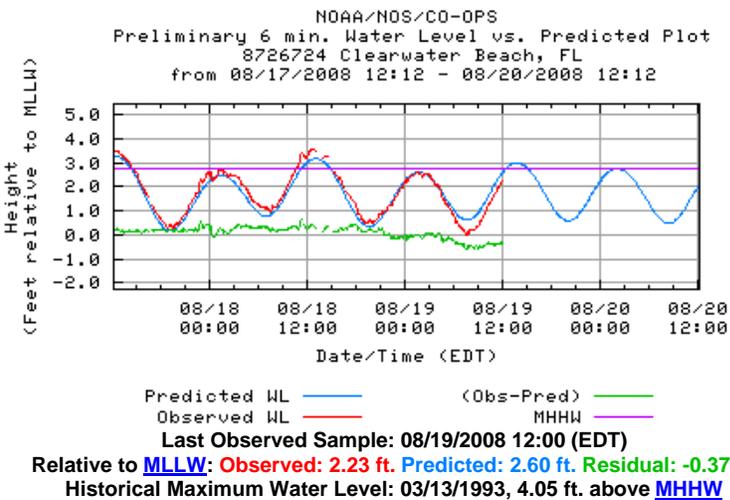


Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —  
**Last Observed Sample: 08/19/2008 12:06 (EDT)**  
**Relative to MLLW: Observed: 0.01 ft. Predicted: 1.02 ft. Residual: -1.01 ft.**  
**Historical Maximum Water Level: 10/08/1996, 3.56 ft. above MHHW**

[Old Port Tampa, FL - Station Map](#) [Return to List](#)



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



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

