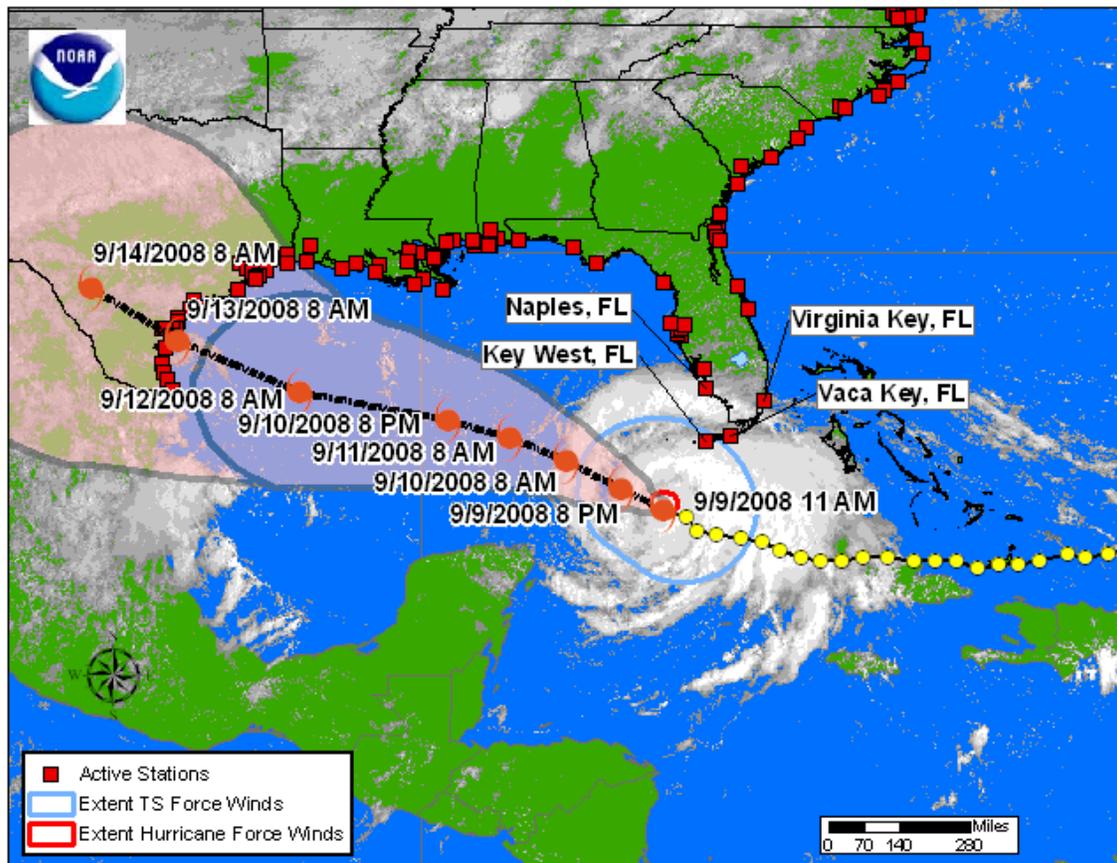




Hurricane IKE QuickLook
Posted: 12:00 EDT 09/09/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/09/2008 12:00 EDT, water levels are increasing across southern Florida and the Florida Keys. Water levels are currently 1.1 feet above predicted at Key West, FL. At Naples, FL, and Vaca Key water levels are at or just below predicted. Winds are still increasing across the region. Barometric pressure continues to fall across the region.

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 2.13 ft (0.65 m) at 09/09/2008 17:24 EDT.

Vaca Key, FL: Next predicted high tide is 1.00 ft (0.30 m) at 09/10/2008 08:19 EDT.

Key West, FL: Next predicted high tide is 1.16 ft (0.35 m) at 09/09/2008 20:00 EDT.

Naples, FL: Next predicted high tide is 2.30 ft (0.70 m) at 09/09/2008 23:36 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

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

HURRICANE IKE ADVISORY NUMBER 34**1100 AM EDT TUE SEP 09 2008**

A HURRICANE WARNING REMAINS IN EFFECT FOR THE CUBAN PROVINCES OF MATANZAS...LA HABANA CIUDAD DE HABANA PINAR DEL RIO AND THE ISLE OF YOUTH.

A TROPICAL STORM WARNING IS IN EFFECT FOR THE FLORIDA KEYS FROM OCEAN REEF SOUTHWARD TO THE DRY TORTUGAs INCLUDING FLORIDA BAY.

AT 1100 AM EDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 55 MILES OF HAVANA CUBA. IKE MADE LANDFALL AROUND 1030 AM IN THE EXTREME SOUTHEASTERN PART OF THE PROVINCE OF PINAL DEL RIO.

IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 13 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR SO. THE CENTER OF IKE IS EXPECTED TO EMERGE INTO THE SOUTHEASTERN GULF OF MEXICO THIS AFTERNOON.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH .WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME WEAKENING IS LIKELY AS IKE CROSSES WESTERN CUBA DURING THE NEXT SEVERAL HOURS BUT RESTRENGTHENING IS EXPECTED ONCE IKE MOVES INTO THE GULF OF MEXICO.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 195 MILES

COASTAL STORM SURGE FLOODING OF 4 TO 7 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED IN AREAS OF ONSHORE WINDS EAST OF IKE ALONG THE SOUTHERN COAST OF CUBA. STORM SURGE FLOODING OF 1 TO 3 FEET ALONG WITH LARGE AND DANGEROUS WAVES ARE POSSIBLE IN THE FLORIDA KEYS.

LARGE SWELLS GENERATED BY IKE WILL CONTINUE TO AFFECT THE EAST COAST OF FLORIDA FOR THE NEXT DAY OR SO. THESE SWELLS COULD GENERATE DANGEROUS AND LIFE-THREATENING RIP CURRENTS.

IKE IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER WESTERN AND CENTRAL CUBA...WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE. THESE RAINS ARE LIKELY TO CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN. RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES ARE POSSIBLE OVER THE CAYMAN ISLANDS. RAINFALL ACCUMULATIONS OF 1 TO 3 INCHES ARE POSSIBLE OVER THE FLORIDA KEYS.

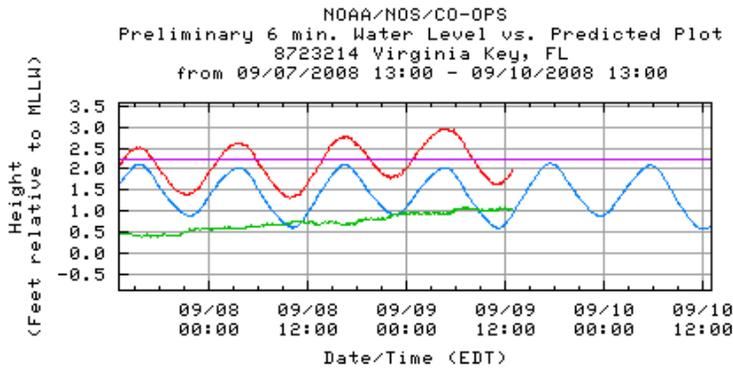
ISOLATED TORNADOES AND WATERSPOUTS ARE POSSIBLE OVER THE FLORIDA KEYS AND EXTREME SOUTH FLORIDA TODAY.

FORECASTER FRANKLIN

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.

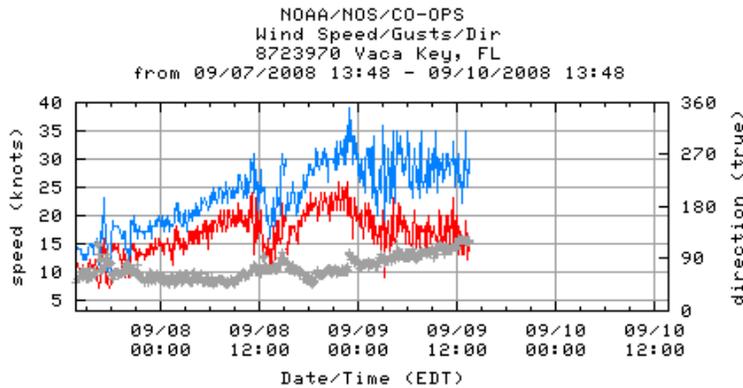
Jump to: [Virginia Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Water Level](#), [Vaca Key - Barometric](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#),

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



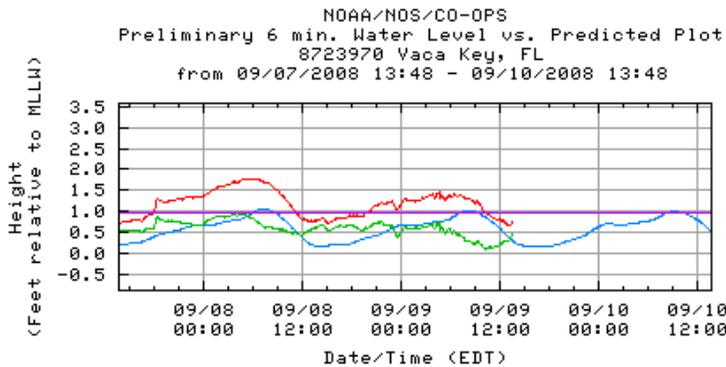
Last Observed Sample: 09/09/2008 12:48 (EDT)
 Relative to **MLLW**: **Observed: 1.97 ft. Predicted: 0.91 ft. Residual: 1.06 ft.**
 Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

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



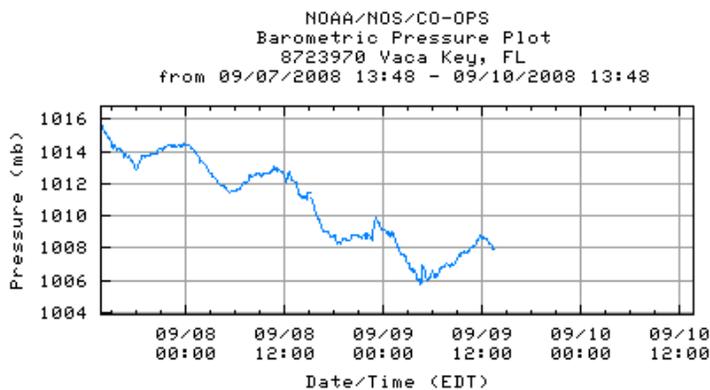
Last Observed Sample: 09/09/2008 13:36 (EDT)
Wind Speed: 15 knots Gusts: 28 knots Direction: 121° T

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



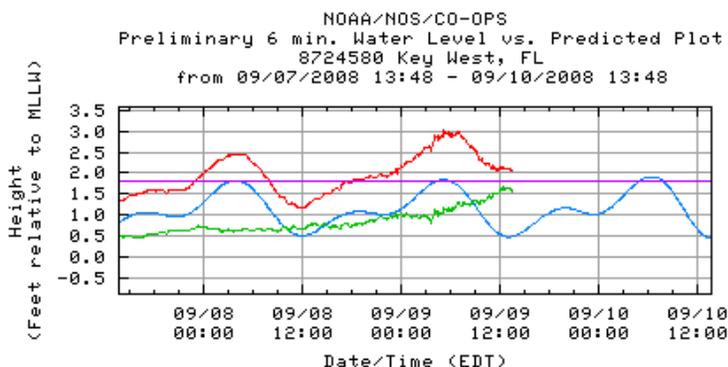
Last Observed Sample: 09/09/2008 13:36 (EDT)
 Relative to **MLLW**: **Observed: 0.72 ft. Predicted: 0.30 ft. Residual: 0.42 ft.**
 Historical Maximum Water Level: 10/07/1974, 1.42 ft. above **MHHW**

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



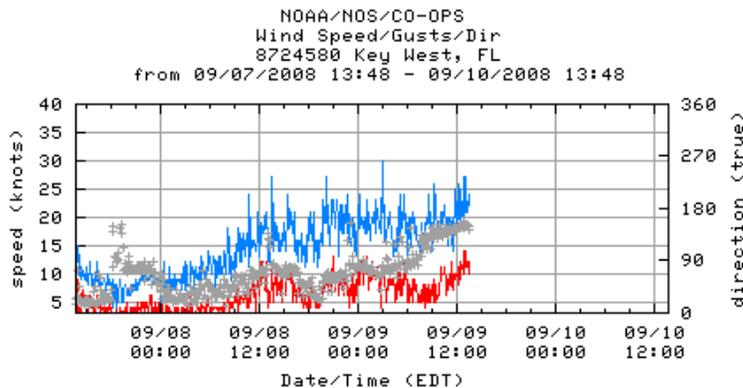
barometric pressure —
Last Observed Sample: 09/09/2008 13:36 (EDT)
Barometric Pressure: 1007.9 mb

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



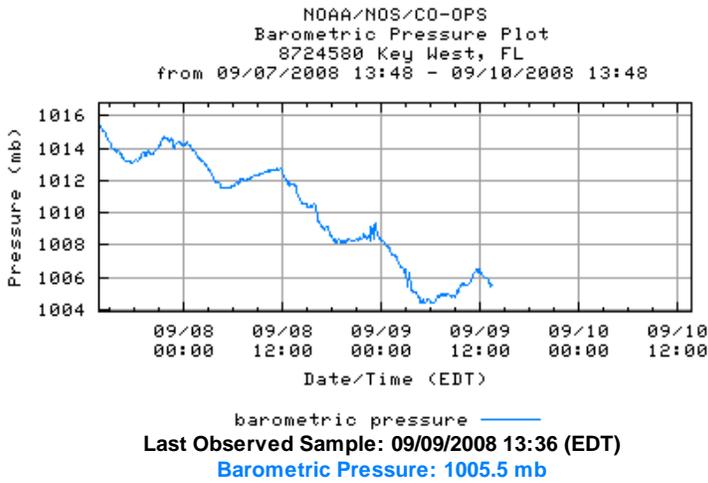
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —
Last Observed Sample: 09/09/2008 13:36 (EDT)
Relative to MLLW: Observed: 2.06 ft. Predicted: 0.48 ft. Residual: 1.58 ft.
Historical Maximum Water Level: 09/08/1965, 1.93 ft. above MHHW

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

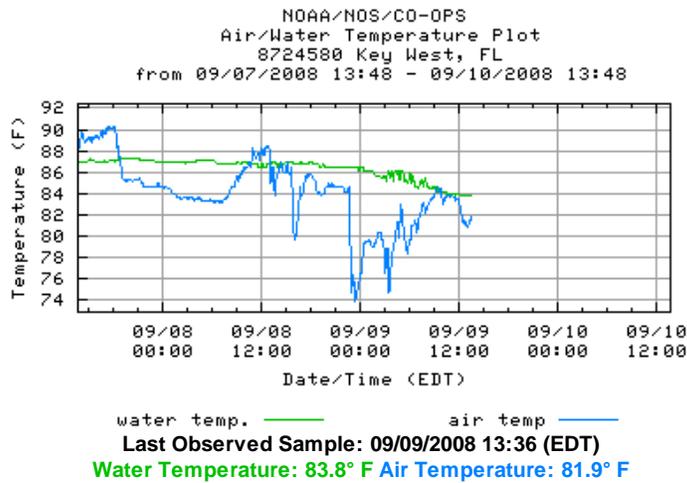


speed — gusts — direction +
Last Observed Sample: 09/09/2008 13:36 (EDT)
Wind Speed: 12 knots Gusts: 22 knots Direction: 151° T

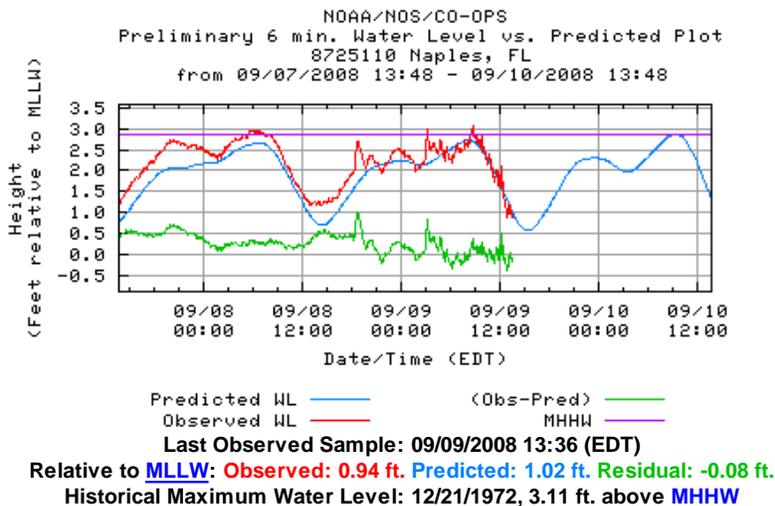
[Key West, FL - Station Map](#) [Return to List](#)



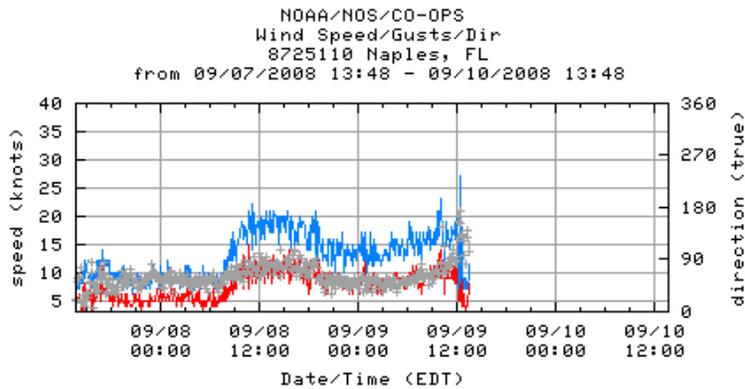
[Key West, FL - Station Map](#) [Return to List](#)



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

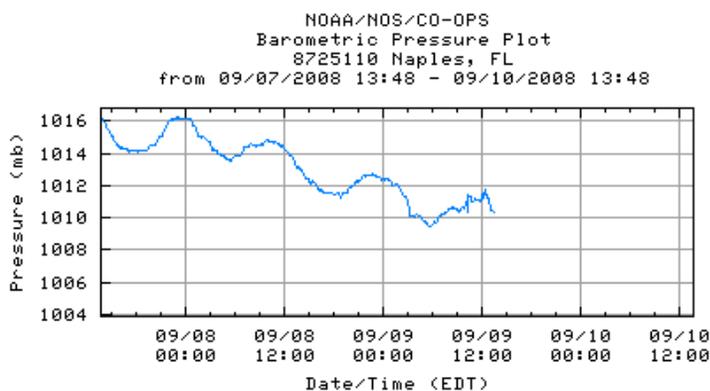


[Naples, FL - Station Map](#) [Return to List](#)



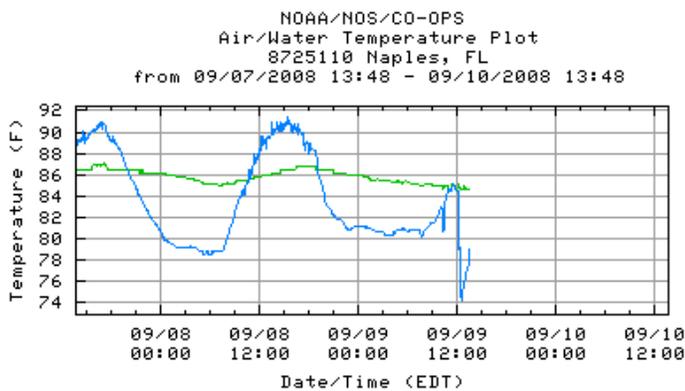
speed — gusts — direction +
Last Observed Sample: 09/09/2008 13:36 (EDT)
Wind Speed: 8 knots Gusts: 11 knots Direction: 115° T

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



barometric pressure —
Last Observed Sample: 09/09/2008 13:36 (EDT)
Barometric Pressure: 1010.3 mb

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



water temp. — air temp. —
Last Observed Sample: 09/09/2008 13:36 (EDT)
Water Temperature: 84.7° F Air Temperature: 79.0° F