Hurricane IKE QuickLook, POSTED 12:00 EDT 09/10/2008

NOAA and NOAA Partnership Stations Relative to the Storm

Storm Analysis

As of 09/10/2008 12:00 EDT, water levels are elevated from southern Florida to the Florida panhandle and range from 1.0 - 2.0 feet above predicted. Water levels are still increasing from Naples to Panama City, FL. Barometric pressure is rising at Key West.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.26 ft (0.39 m) at 09/10/2008 20:30 EDT.

Virginia Key, FL: Next predicted high tide is 2.2 ft (0.7 m) at 09/10/2008 18:19 EDT.

Naples, FL: Next predicted high tide is 2.42 ft (0.74 m) at 09/10/2008 23:12 EDT.
Fort Myers, FL: Next predicted high tide is 1.41 ft (0.43 m) at 09/10/2008 12:36 EDT.

St. Petersburg, FL: Next predicted high tide is 1.78 ft (0.54 m) at 09/11/2008 01.00 EDT.

Cedar Key, FL: Next predicted high tide is 3.00 ft (0.91 m) at 09/11/2008 00:42 EDT.

Panama City, FL: Next predicted high tide is 1.81 ft (0.55 m) at 09/11/2008 06:00 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:

HURRICANE IKE ADVISORY NUMBER  38

1100 AM EDT WED SEP 10 2008

...IKE GROWING IN SIZE AND STRENGTH IN THE SOUTHEASTERN GULF OF MEXICO

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE CUBAN PROVINCES

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM WEST OF KEY WEST TO THE DRY TORTUGAS.

AT 1100 AM EDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR ABOUT 225 MILES WEST-SOUTHWEST OF KEY WEST FLORIDA AND ABOUT 430 MILES SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.

ALTHOUGH THE CENTER OF IKE MOVED LITTLE OVER THE PAST FEW HOURS THE HURRICANE IS GENERALLY MOVING TOWARD THE WEST-NORTHWEST NEAR 8 MPH . A WEST-NORTHWESTWARD MOTION IS EXPECTED TO CONTINUE FOR THE NEXT COUPLE OF DAYS WHICH WOULD TAKE IKE THROUGH THE CENTRAL GULF OF MEXICO.

MAXIMUM SUSTAINED WINDS ARE NOW NEAR 90 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. ADDITIONAL STRENGTHENING IS EXPECTED AND IKE COULD BE A MAJOR HURRICANE TOMORROW.

IKE IS A LARGE TROPICAL CYCLONE. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 80 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES.

COASTAL STORM SURGE FLOODING ALONG THE COASTS OF CUBA AND IN THE FLORIDA KEYS SHOULD SUBSIDE TODAY. ABOVE NORMAL TIDES OF 2 TO 4
FEET ARE ALREADY OCCURRING ALONG MUCH OF THE NORTH COAST OF THE GULF OF MEXICO.

IKE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER WESTERN 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. ADDITIONAL RAINFALL AMOUNTS OF AN INCH OR SO ARE POSSIBLE OVER THE SOUTHWEST FLORIDA AND THE FLORIDA KEYS THROUGH THIS EVENING.

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.
Key West, FL - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
3724598 Key West, FL
from 09/08/2008 12:05 - 09/11/2008 12:36

Relative to MLLW:
- Observed: 1.90 ft.
- Predicted: 0.70 ft.
- Residual: 1.20 ft.

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above MHHW

Key West, FL - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
3724598 Key West, FL
from 09/08/2008 12:05 - 09/11/2008 12:36

Wind Speed: 11 knots
Gusts: 18 knots
Direction: 157° T
**Virginia Key, FL - Station Map**

**Last Observed Sample:** 09/10/2008 11:48 (EDT)

Relative to MLLW: Observed: 1.33 ft. Predicted: 0.56 ft. Residual: 0.77 ft.

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above MHHW

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**Naples, FL - Station Map**

**Last Observed Sample:** 09/10/2008 11:54 (EDT)


Historical Maximum Water Level: 12/21/1972, 3.11 ft. above MHHW
Naples, FL - Station Map

Last Observed Sample: 09/10/2008 11:54 (EDT)
Wind Speed: 10 knots  Gusts: 16 knots  Direction: 114° T
Barometric Pressure: 1012.5 mb

Naples, FL - Station Map

Last Observed Sample: 09/10/2008 11:54 (EDT)
Barometric Pressure: 1012.5 mb
Naples, FL - Station Map

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
9725110 Naples, FL
from 09/08/2008 12:06 - 09/11/2008 12:36

Last Observed Sample: 09/10/2008 11:54 (EDT)
Water Temperature: 84.2° F Air Temperature: 83.5° F

Fort Myers, FL - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
9725520 Fort Myers, FL
from 09/08/2008 12:06 - 09/11/2008 12:36

Last Observed Sample: 09/10/2008 11:54 (EDT)
Historical Maximum Water Level: 11/23/1988, 3.41 ft. above MHHW
Fort Myers, FL - Station Map

Last Observed Sample: 09/10/2008 11:54 (EDT)
Wind Speed: 9 knots Gusts: 15 knots Direction: 120° T

Barometric Pressure: 1014.5 mb
Fort Myers, FL - Station Map Return to List

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
0725520 Fort Myers, FL
from 09/08/2008 12:00 - 09/11/2008 12:30

- Last Observed Sample: 09/10/2008 11:54 (EDT)
- Water Temperature: 82.4° F Air Temperature: 83.8° F

St. Petersburg, FL - Station Map Return to List

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
0725520 St. Petersburg, FL
from 09/08/2008 12:00 - 09/11/2008 12:30

- Historical Maximum Water Level: 08/31/1985, 4 ft. above MHHW
Hurricane IKE QuickLook, POSTED 12:00 EDT 09/10/2008

**St. Petersburg, FL - Station Map**

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
0725520 St. Petersburg, FL
from 09/08/2008 12:05 - 09/11/2008 12:36

Last Observed Sample: 09/10/2008 11:54 (EDT)
Wind Speed: 10 knots Gusts: 16 knots Direction: 111° T

**St. Petersburg, FL - Station Map**

NOAA/NOS/C0-OPS
Barometric Pressure Plot
0725520 St. Petersburg, FL
from 09/08/2008 12:05 - 09/11/2008 12:36

Last Observed Sample: 09/10/2008 11:54 (EDT)
Barometric Pressure: 1013.4 mb
St. Petersburg, FL - Station Map

Last Observed Sample: 09/10/2008 11:54 (EDT)

Water Temperature: 88.1° F  Air Temperature: 85.2° F

Cedar Key, FL - Station Map

Last Observed Sample: 09/10/2008 11:54 (EDT)

Relative to MLLW: Observed: 5.35 ft. Predicted: 3.31 ft. Residual: 2.04 ft.

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above MHHW
Panama City, FL - Station Map

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
from 09/08/2008 11:06 - 09/11/2008 11:36

Last Observed Sample: 09/10/2008 10:48 (CDT)
Historical Maximum Water Level: 10/04/1995, 5.72 ft. above MHHW

Panama City, FL - Station Map

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
from 09/08/2008 Panama City, FL
from 09/08/2008 11:06 - 09/11/2008 11:36

Last Observed Sample: 09/10/2008 10:48 (CDT)
Wind Speed: 8 knots Gusts: 12 knots Direction: 095° T
Hurricane IKE QuickLook, POSTED 12:00 EDT 09/10/2008

Panama City, FL - Station Map

NOAA/NOS/CO-OPS Barometric Pressure Plot
0729108 Panama City, FL
from 09/08/2008 11:06 - 09/11/2008 11:36

Last Observed Sample: 09/10/2008 10:42 (CDT)
Barometric Pressure: 1014.9 mb

Panama City, FL - Station Map

NOAA/NOS/CO-OPS Air/Water Temperature Plot
0729108 Panama City, FL
from 09/08/2008 11:06 - 09/11/2008 11:36

Last Observed Sample: 09/10/2008 10:42 (CDT)
Water Temperature: 85.5° F Air Temperature: 85.8° F