

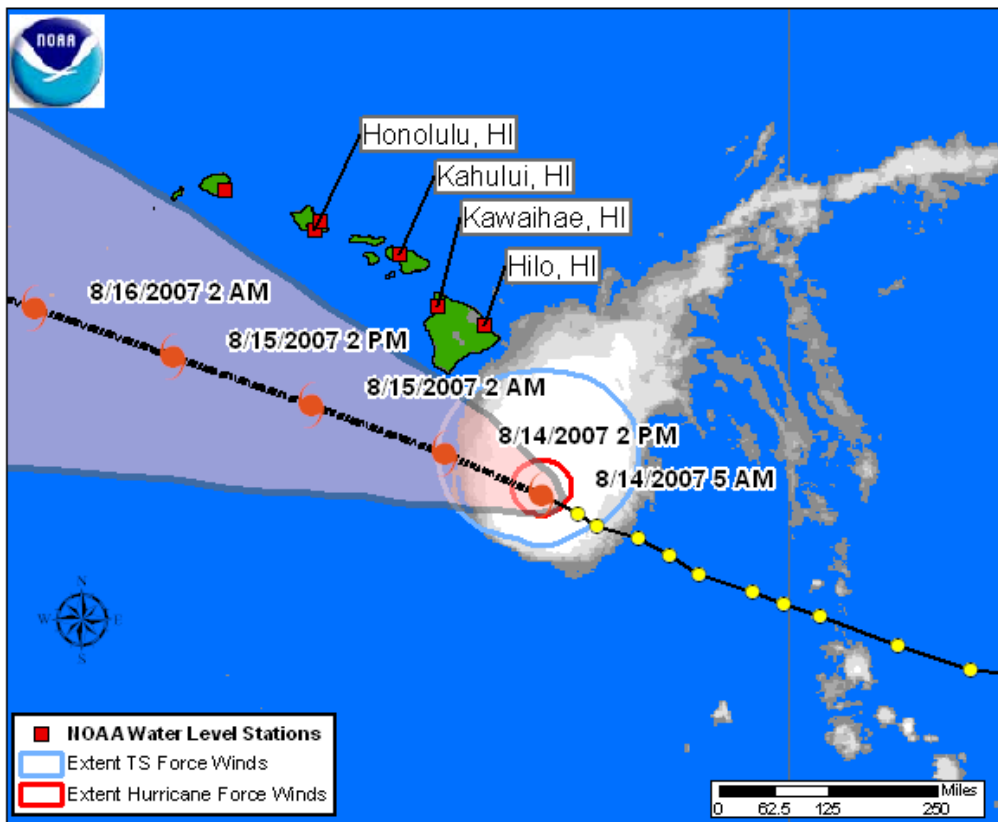


## Hurricane FLOSSIE QUICKLOOK

Posted: 06:00 HST 08/14/2007



### NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

#### Observations as of 0600 HST:

NOS water level at Kawaihae is around 0.45 ft (0.14 m) above predicted.  
Next high tide at 08/14/2007 Tue 05:19PM HST.

NOS water level at Hilo is around 0.34 ft (0.10 m) above predicted.  
Next high tide at 08/14/2007 Tue 04:18PM HST.

NOS water level at Kahului is around 0.36 ft (0.11 m) above predicted.  
Next high tide at 08/14/2007 Tue 03:42PM HST.

NOS water level at Honolulu is around 0.39 ft (0.12 m) above predicted.  
Next high tide at 08/14/2007 Tue 05:07PM HST.

#### SELECT [CENTRAL PACIFIC HURRICANE CENTER](#) ADVISORY INFORMATION:

A TROPICAL STORM WARNING IS IN EFFECT FOR THE BIG ISLAND OF HAWAII.

A HURRICANE WATCH REMAINS IN EFFECT FOR THE BIG ISLAND OF HAWAII.  
FLOSSIE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 13 MPH...AND THIS

MOTION IS EXPECTED TO CONTINUE THROUGH THE DAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 110 MPH WITH HIGHER GUSTS. FLOSSIE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME WEAKENING IS FORECAST DURING THE NEXT 24 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 40 MILES FROM THE

CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 145 MILES.

THE BIG ISLAND WILL SEE THE ONSET OF TROPICAL STORM FORCE WINDS 39 MPH AND HIGHER BY MID-MORNING. EAST TO SOUTHEAST WINDS OF 40 TO 50 MPH WITH HIGHER GUSTS ARE LIKELY AS HURRICANE FLOSSIE PASSES SOUTH OF THE BIG ISLAND DURING THE DAY TODAY. ANY SHIFT IN THE FORECAST TRACK TOWARDS THE NORTH CLOSER TO THE BIG ISLAND WILL RESULT IN HIGHER WINDS.

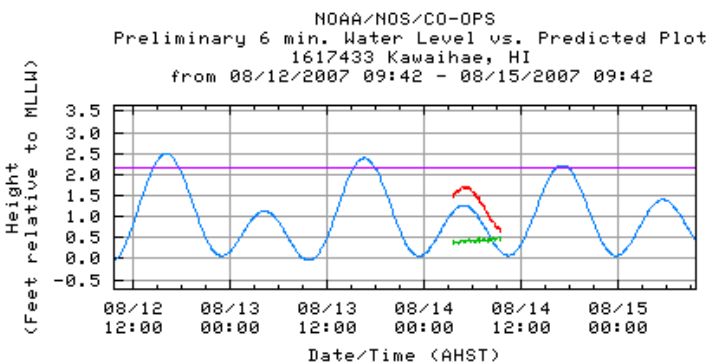
SURF ALONG SOUTH FACING SHORES OF THE BIG ISLAND WILL BE RISING TO 20 TO 25 FT TODAY. SURF ALONG EAST FACING SHORES OF THE BIG ISLAND WILL BE 10 TO 12 FEET.

Water level and meteorological plots are updated automatically. For more information, please see [www.tidesandcurrents.noaa.gov](http://www.tidesandcurrents.noaa.gov).

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: [Kawaihae - Water Level](#), [Kawaihae - Barometric](#), [Honolulu - Water Level](#), [Kahului - Water Level](#), [Kawaihae - Winds](#), [Hilo - Water Level](#), [Honolulu - Barometric](#)

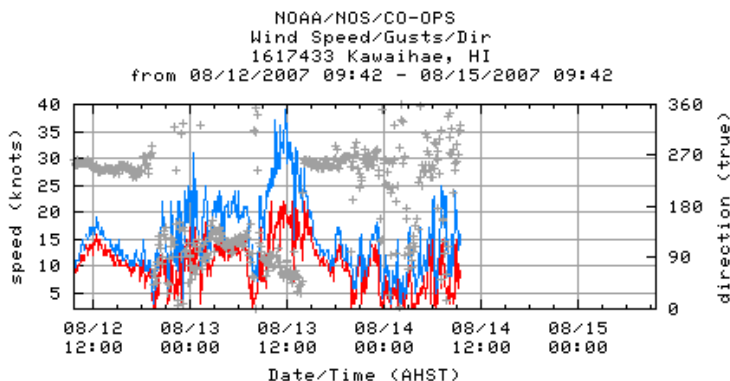
### [Kawaihae, HI - Station Map](#) [Return to List](#)



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

Last Observed Sample: 08/14/2007 09:30 (AHST)  
Relative to **MLLW**: Observed: 0.71 ft. Predicted: 0.18 ft. Residual: 0.53 ft.  
Historical Maximum Water Level: 07/21/2001, 1.08 ft. above **MHHW**

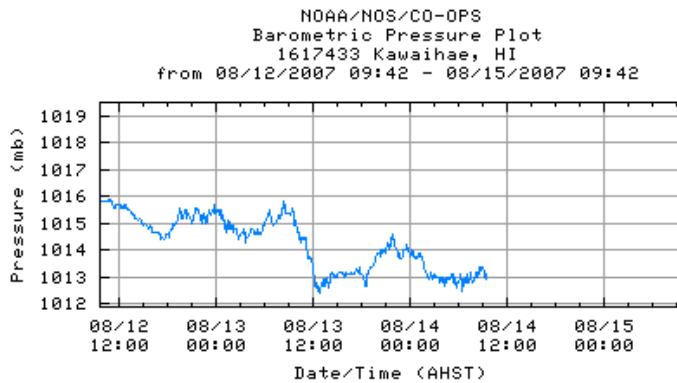
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speed ——— gusts ——— direction +

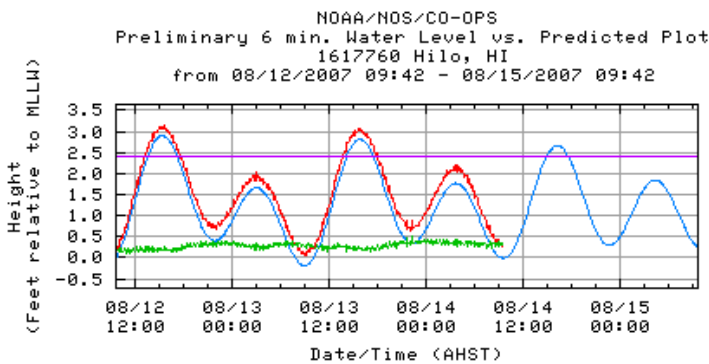
Last Observed Sample: 08/14/2007 09:30 (AHST)  
Wind Speed: 9 knots Gusts: 16 knots Direction: 315° T

### [Kawaihae, HI - Station Map](#) [Return to List](#)



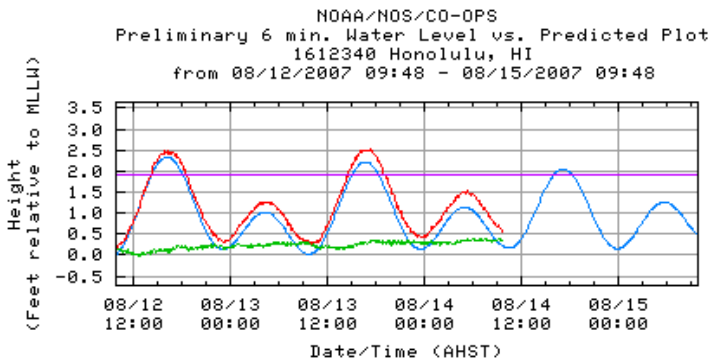
barometric pressure —  
Last Observed Sample: 08/14/2007 09:30 (AHST)  
Barometric Pressure: 1012.9 mb

[Hilo, HI - Station Map](#) [Return to List](#)



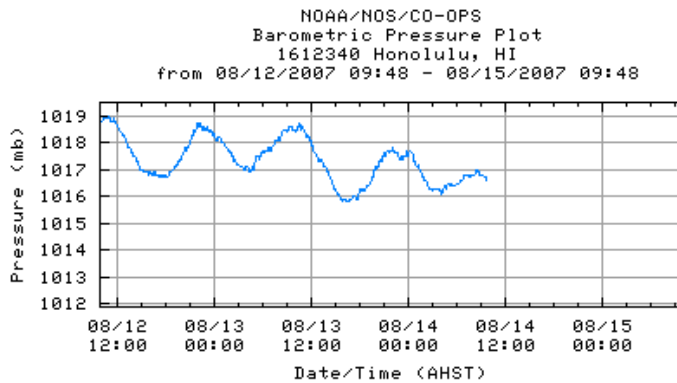
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —  
Last Observed Sample: 08/14/2007 09:30 (AHST)  
Relative to **MLLW**: Observed: 0.28 ft. Predicted: -0.01 ft. Residual: 0.29 ft.  
Historical Maximum Water Level: 01/20/1981, 1.37 ft. above **MHHW**

[Honolulu, HI - Station Map](#) [Return to List](#)



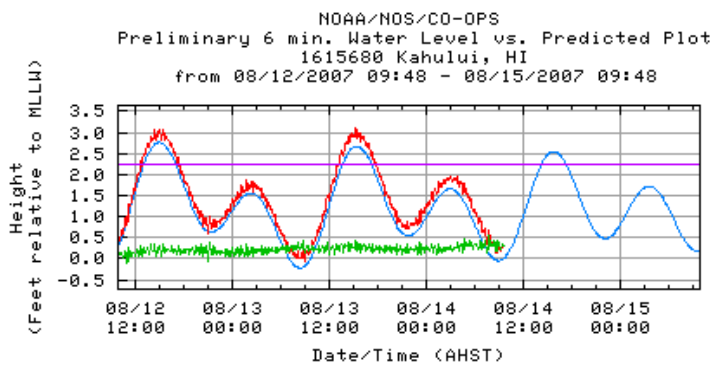
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —  
Last Observed Sample: 08/14/2007 09:36 (AHST)  
Relative to **MLLW**: Observed: 0.57 ft. Predicted: 0.22 ft. Residual: 0.35 ft.  
Historical Maximum Water Level: 02/14/1967, 1.49 ft. above **MHHW**

[Honolulu, HI - Station Map](#) [Return to List](#)



barometric pressure ———  
**Last Observed Sample: 08/14/2007 09:36 (AHST)**  
**Barometric Pressure: 1016.6 mb**

[Kahului, HI - Station Map](#) [Return to List](#)



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

**Last Observed Sample: 08/14/2007 09:36 (AHST)**  
**Relative to MLLW: Observed: 0.31 ft. Predicted: 0.02 ft. Residual: 0.29 ft.**  
**Historical Maximum Water Level: 12/20/1968, 1.23 ft. above MHHW**

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