

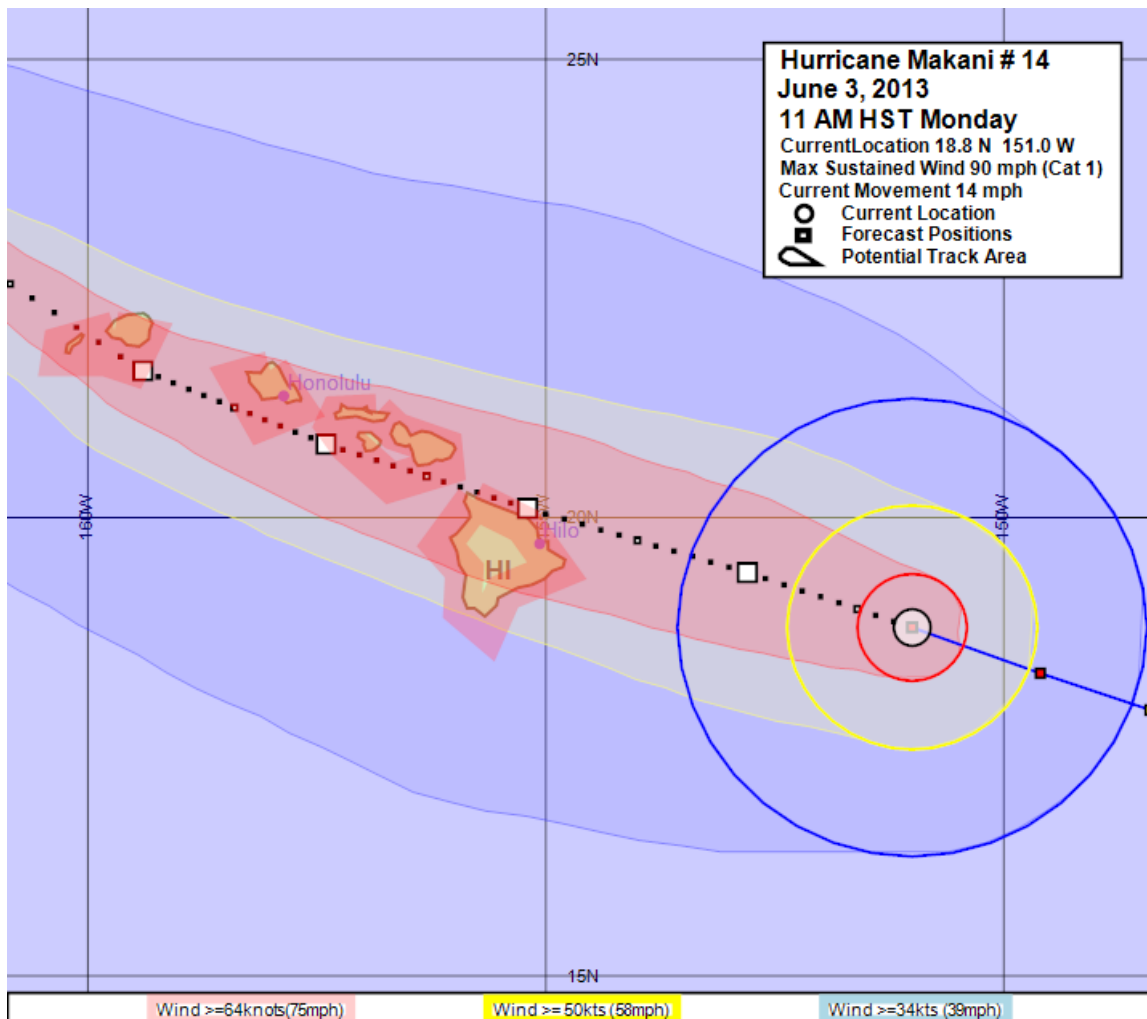
# Storm Summary for Hurricane Makani2013

Monday, June 3, 2013 at 11 AM HST

(Output from Hurrevac, based on Central Pacific Hurricane Center Forecast Advisory # 14)

Hurricane Makani2013 is currently a Category 1 hurricane on the Saffir-Simpson Hurricane Wind Scale, with maximum sustained winds of 90 mph (80 kts), moving west-northwest at 14 mph. The estimated minimum central pressure is 984 mb. Hurricane-force winds extend outward up to 40 miles (65 km) from the storm center. Tropical storm-force winds extend outward up to 175 miles (280 km) from the storm center.

Certain coastal locations are under Hurricane Warning as illustrated in the map below. The geographic extents of these watches and warnings are detailed in the advisory text at the end of this report.



## **Wind Analysis for Maui, HI**

*(Based upon Hurricane Makani2013 Advisory #14)*

### Wind Probabilities

LANAI CITY, the closest reporting location, has within the 5-day forecast period of this advisory, a 49% chance of at hurricane-force (64kt/74mph) winds, a 75% chance of at least strong tropical storm-force (50kt/58mph) winds, and a 93% chance of at least tropical storm-force (34kt/39mph) winds.

### Peak Wind\*

Winds in Maui, HI are projected to peak at 120kt/138mph around 2:00 PM on Tuesday, June 04, 2013

### Wind Arrival and Duration\*

Tropical storm-force winds (34kt/39mph) are forecast to begin in Maui, HI on Monday, June 03, 2013 at 10:00 PM. Winds of this magnitude or higher are forecast to continue for 35 hours.

Strong tropical storm-force winds (50kt/58mph) are forecast to begin in Maui, HI on Tuesday, June 04, 2013 at 7:00 AM. Winds of this magnitude or higher are forecast to continue for 17 hours.

Hurricane-force winds (64kt/74mph) are forecast to begin in Maui, HI on Tuesday, June 04, 2013 at 9:00 AM. Winds of this magnitude or higher are forecast to continue for 12 hours.

\* These wind estimations are limited to the first 72 hours (3 days) following advisory issuance, and are subject to considerable forecast uncertainty and generalization, especially if the storm is distant. Maximum sustained winds (the highest surface wind maintained over a 1 minute period) are reported here. Wind gusts and winds at higher elevations will be greater.

ZCZC HFOTPCP1 ALL  
TTAA00 PHFO DDHHMM

BULLETIN  
HURRICANE MAKANI ADVISORY NUMBER 14  
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI CP862013  
1100 AM HST MON JUN 03 2013

TEST TEST TEST TEST TEST TEST TEST TEST TEST TEST

...MAKANI CONTINUES TO STRENGTHEN...

SUMMARY OF 1100 AM HST...2100 UTC...INFORMATION

LOCATION...18.8N 151.0W  
ABOUT 275 MI...440 KM ESE OF HILO HAWAII  
ABOUT 385 MI...620 KM ESE OF KAHULUI HAWAII  
MAXIMUM SUSTAINED WINDS...90 MPH...150 KM/H  
PRESENT MOVEMENT...WNW OR 290 DEGREES AT 14 MPH...22 KM/H  
MINIMUM CENTRAL PRESSURE...984 MB...29.06 INCHES

WATCHES AND WARNINGS

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A HURRICANE WARNING IS IN EFFECT FOR...

- \*HAWAII COUNTY
- \*MAUI COUNTY
- \*HONOLULU COUNTY
- \*KAUAI COUNTY

A HURRICANE WARNING MEANS THAT HURRICANE CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA. A WARNING IS TYPICALLY ISSUED 36 HOURS BEFORE THE FIRST OCCURRENCE OF TROPICAL STORM FORCE WINDS...CONDITIONS THAT MAKE OUTSIDE PREPARATIONS DIFFICULT OR DANGEROUS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 AM HST...2100 UTC...THE CENTER OF HURRICANE MAKANI WAS LOCATED NEAR LATITUDE 18.8 NORTH...LONGITUDE 151.0 WEST. MAKANI IS MOVING TOWARD THE WEST-NORTHWEST NEAR 14 MPH...22 KM/H...AND THIS MOTION IS EXPECTED TO CONTINUE OVER THE NEXT 48 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 90 MPH...150 KM/H...WITH HIGHER GUSTS. MAKANI IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SIGNIFICANT STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS. MAKANI SHOULD BECOME A MAJOR HURRICANE IN THE NEXT 12 TO 24 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 40 MILES...65 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 175 MILES...280 KM.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 984 MB...29.06 INCHES.

HAZARDS AFFECTING LAND

NONE

NEXT ADVISORY

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NEXT COMPLETE ADVISORY...500 PM HST.

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FORECASTER CRAIG

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