

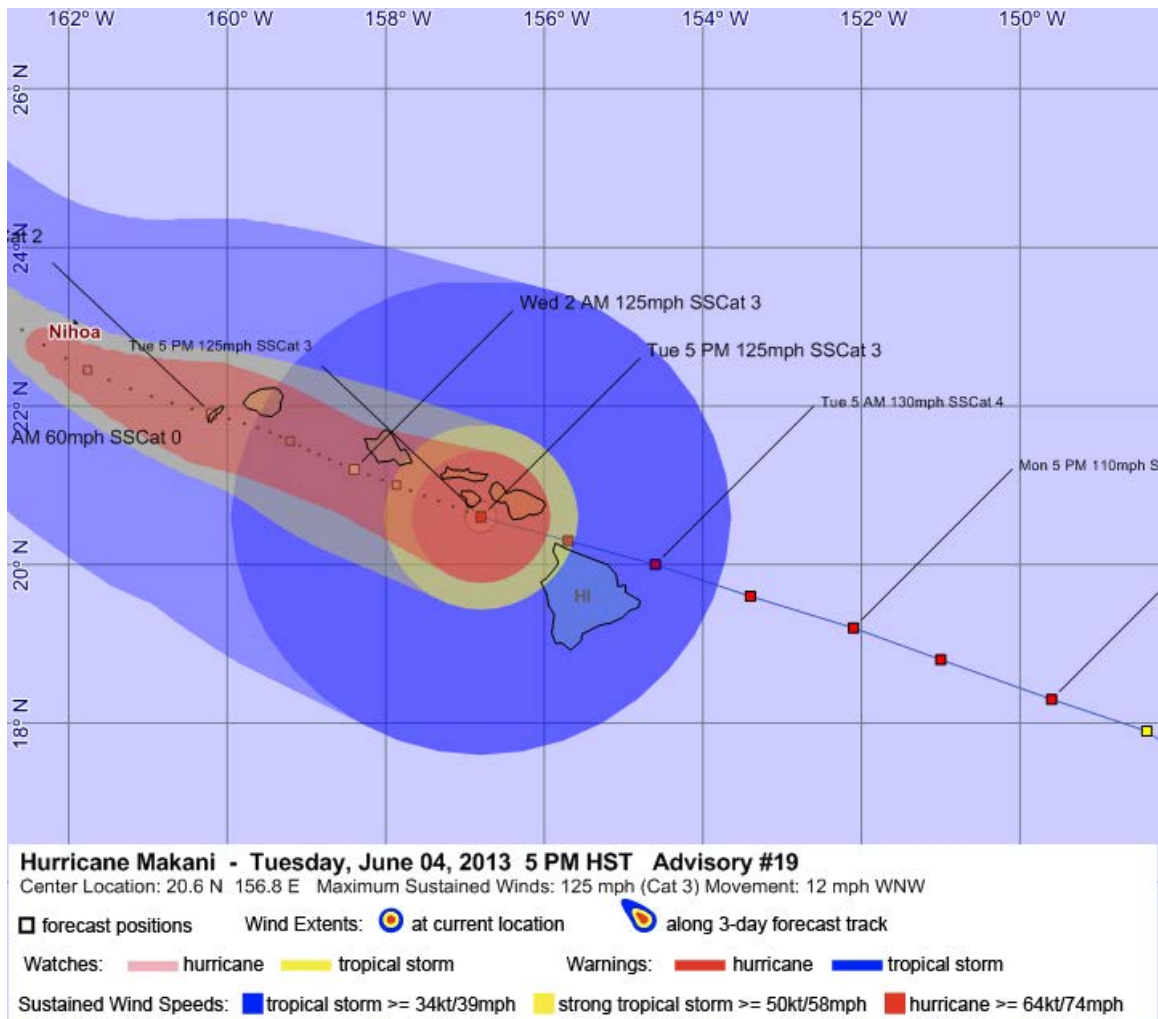
9I YfWjgY""9I YfWjgY""9I YfWjgY""Storm Summary for Hurricane Makani

Tuesday, June 4, 2013 at 5 PM HST

(Output from Hurrevac, based on Central Pacific Hurricane Center Forecast Advisory # 19)

Hurricane Makani is currently a Category 3 major hurricane on the Saffir-Simpson Hurricane Wind Scale, with maximum sustained winds of 125 mph (110 kts), moving west-northwest at 12 mph. The estimated minimum central pressure is 952 mb. Hurricane-force winds extend outward up to 60 miles (95 km) from the storm center. Tropical storm-force winds extend outward up to 205 miles (335 km) from the storm center.

Certain coastal locations are under Hurricane Warning. 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 Makani Advisory #19)

Wind Probabilities

LANAI CITY, the closest reporting location, has within the 5-day forecast period of this advisory, a 99% chance of at hurricane-force (64kt/74mph) winds, a 99% chance of at least strong tropical storm-force (50kt/58mph) winds, and a 99% chance of at least tropical storm-force (34kt/39mph) winds.

Peak Wind*

Winds in Maui, HI are projected to peak at 101kt/116mph around 5:00 PM on Tuesday, June 04, 2013

Wind Arrival and Duration*

Tropical storm-force winds (34kt/39mph) are forecast to begin in Maui, HI on Tuesday, June 04, 2013 at 5:00 PM. Winds of this magnitude or higher are forecast to continue for 17 hours.

Strong tropical storm-force winds (50kt/58mph) are forecast to begin in Maui, HI on Tuesday, June 04, 2013 at 5:00 PM. Winds of this magnitude or higher are forecast to continue for 7 hours.

Hurricane-force winds (64kt/74mph) are forecast to begin in Maui, HI on Tuesday, June 04, 2013 at 5:00 PM. Winds of this magnitude or higher are forecast to continue for 5 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 19
NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI CP862013
500 PM HST TUE JUN 04 2013

EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE EXERCISE

...MAKANI CONTINUES TO POUND HAWAII...

SUMMARY OF 500 PM HST...0300 UTC...INFORMATION

LOCATION...20.6N 156.8W
ABOUT 30 MI...45 KM SW OF KAHULUI HAWAII
ABOUT 85 MI...140 KM SE OF HONOLULU HAWAII
MAXIMUM SUSTAINED WINDS...125 MPH...205 KM/H
PRESENT MOVEMENT...WNW OR 295 DEGREES AT 12 MPH...19 KM/H
MINIMUM CENTRAL PRESSURE...952 MB...28.11 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

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM HST...0300 UTC...THE CENTER OF HURRICANE MAKANI WAS LOCATED NEAR LATITUDE 20.6 NORTH...LONGITUDE 156.8 WEST. MAKANI IS MOVING TOWARD THE WEST-NORTHWEST NEAR 12 MPH...19 KM/H...AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOURS BEFORE MAKANI MAKES A SHARP TURN TO THE NORTH.

MAXIMUM SUSTAINED WINDS ARE NEAR 125 MPH...205 KM/H...WITH HIGHER GUSTS. MAKANI IS A CATEGORY THREE HURRICANE ON THE SAFFIR-SIMPSON SCALE. A SLOW WEAKENING TREND IS LIKELY OVER THE NEXT 48 HOURS...ALTHOUGH MAKANI IS ANTICIPATED TO REMAIN NEAR ITS CURRENT STRENGTH FOR THE NEXT 12 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 60 MILES...95 KM...FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES...335 KM.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 952 MB...28.11 INCHES.

HAZARDS AFFECTING LAND

WINDS...TROPICAL STORM FORCE WINDS OF 39 TO 73 MPH WILL IMPACT ALL ISLANDS FOR THE NEXT 12 TO 18 HOURS. HURRICANE FORCE WINDS AS HIGH AS 130 MPH WILL IMPACT PORTIONS OF ALL ISLANDS THROUGH THE NEXT 12 HOURS. EXTREME DAMAGE HAS OCCURRED AND WILL CONTINUE TO OCCUR THROUGHOUT THE DURATION OF THE STORM.

SURF...LARGE BREAKING WAVES AND EXTREME CURRENTS WILL IMPACT ALL

SHORES OF ALL ISLANDS OVER THE NEXT 12 TO 18 HOURS. SEVERE COASTAL EROSION AND WAVE RUN-UP IS LIKELY.

SURGE...STORM SURGE OF 2 TO 8 FEET IS LIKELY ACROSS ALL COASTAL AREAS...WITH MAXIMED AMOUNTS ON EAST AND SOUTH FACING SHORES. THIS SURGE WILL CAUSE SIGNIFICANT COASTAL INFRASTRUCTURE DAMAGE AND POSES A DEADLY HAZARD TO ANYONE WHO VENTURES NEAR THE WATER.

RAINFALL...RAINFALL AMOUNTS OF 6 TO 14 INCHES IS EXPECTED WITH SIGNIFICANT FLOODING LIKELY. LOCALLY HIGHER AMOUNTS...UP TO 24 INCHES...IS POSSIBLE.

NEXT ADVISORY

NEXT COMPLETE ADVISORY...1100 PM HST.

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FORECASTER CRAIG

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