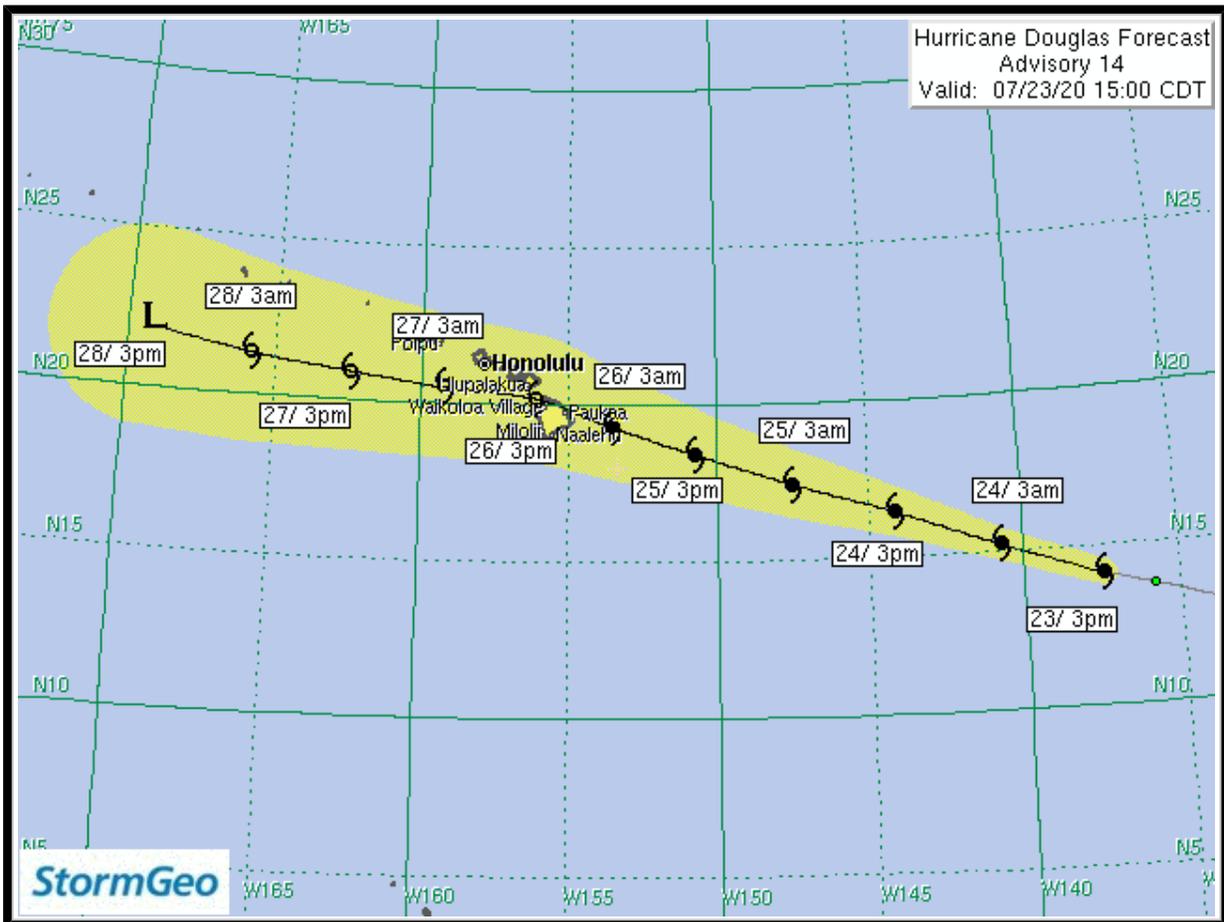


From: [StormGeo](#)
 To: [Lindsey Falconer](#)
 Subject: Hurricane Douglas Advisory 14
 Date: Thursday, July 23, 2020 2:13:34 PM



Hurricane Douglas Advisory 14

Valid: 03:00 PM CDT Thursday July 23, 2020



Current Location: 14.1N, 137.4W

Geographic Reference: 1224 miles east-southeast of Hilo, HI

Movement: West-northwest at 20 mph

Max Winds: 130 mph gusting to 160 mph

Current Hurricane Severity Index: 21 out of a possible 50 points (6 size, 15 intensity)

Max Predicted Hurricane Severity Index: 24 out of a possible 50 points (8 size, 16 intensity)

Current Radius of Tropical Storm-Force Winds: 85 miles

Max Predicted Radius of Tropical Storm-Force Winds: 90 miles

Organizational Trend: Increasing

Forecast Confidence: Average
Estimated Central Pressure: 960 mb

Key Points

1. The peak intensity of the system is now expected to be 140 mph.
2. The system is forecast to weaken into a minimal hurricane by the time it reaches Hawaii.

Our Forecast

Douglas continues to strengthen some more as it progresses quickly to the west-northwest. It is expected to peak as a 140 mph hurricane by this evening. By Friday, the system will begin to encounter some cooler sea surface temperatures resulting in the system weakening. We are predicting a track across the northern part of the Big Island by Sunday morning as a minimal hurricane with 75 mph winds. The intensity forecast continues to be more uncertain than the track forecast. Regardless of intensity, the system will still produce heavy rainfall.

There were no major changes to the track. Therefore, tropical storm force winds over Maui will be possible. A slight northward shift in the track would bring tropical storm force winds into Molokai Island and Oahu Island.

The system then continues to the west-northwest while weakening before dissipating well to the west-northwest of Hawaii by Tuesday morning.

Expected Impacts Onshore

Hawaii - Big Island to Maui

Wind damage is becoming likely leading to widespread power outages. Heavy rainfall leading to street flooding and possible mudslides will also be possible. Significant travel delays are also expected.

Our next advisory will be issued by 04 PM HST.

Meteorologist, John Hale

Valid	Classification	Lat	Lon	Winds	Gusts
7/23/2020 3:00 PM CDT	Category 4	N 14.1	W 137.4	130 mph	160 mph
7/24/2020 3:00 AM CDT	Category 4	N 15.2	W 140.7	140 mph	165 mph
7/24/2020 3:00 PM CDT	Category 3	N 16.4	W 144.1	125 mph	155 mph
7/25/2020 3:00 AM CDT	Category 3	N 17.4	W 147.5	115 mph	140 mph
7/25/2020 3:00 PM CDT	Category 2	N 18.4	W 150.7	105 mph	125 mph
7/26/2020 3:00 AM CDT	Category 1	N 19.3	W 153.5	85 mph	105 mph
7/26/2020 3:00 PM CDT	Tropical Storm	N 20.2	W 156.1	70 mph	85 mph
7/27/2020 3:00 AM CDT	Tropical Storm	N 20.5	W 159.2	60 mph	70 mph
7/27/2020 3:00 PM CDT	Tropical Storm	N 20.9	W 162.4	50 mph	65 mph
7/28/2020 3:00 AM CDT	Tropical Storm	N 21.3	W 165.8	40 mph	50 mph
7/28/2020 3:00 PM CDT	Remnant Low	N 21.9	W 169.3	35 mph	45 mph

The yellow cone represents track error from the previous five years. Over the past five tropical cyclone seasons, the center of the storm tracked within the yellow cone 75% of the time. The cone does not represent the forecast uncertainty in the current advisory for this storm. In addition, strong winds, very high tides, large waves, and heavy rainfall can often extend well outside the yellow cone.

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