

GC Briefing

September 13, 2018

Weather Sentinel Tropical Depression Olivia

Tropical Depression Olivia is now moving well away from Hawaii on a west-southwest heading, with maximum sustained winds now at 35 mph, according to the Central Pacific Hurricane Center (CPHC). Olivia crossed the Islands yesterday afternoon (local time) as a minimal tropical storm with maximum sustained winds of 40 mph, passing within 45 miles of Honolulu, Hawaii.

Status at 11 AM EDT (15 UTC) Today (CPHC)

Maximum Sustained Winds: 35 mph
Approximate Location: About 305 miles southwest of Honolulu, Hawaii
Motion: West-southwest at 18 mph
Minimum Central Pressure: 1008 mb
Status: Tropical Depression

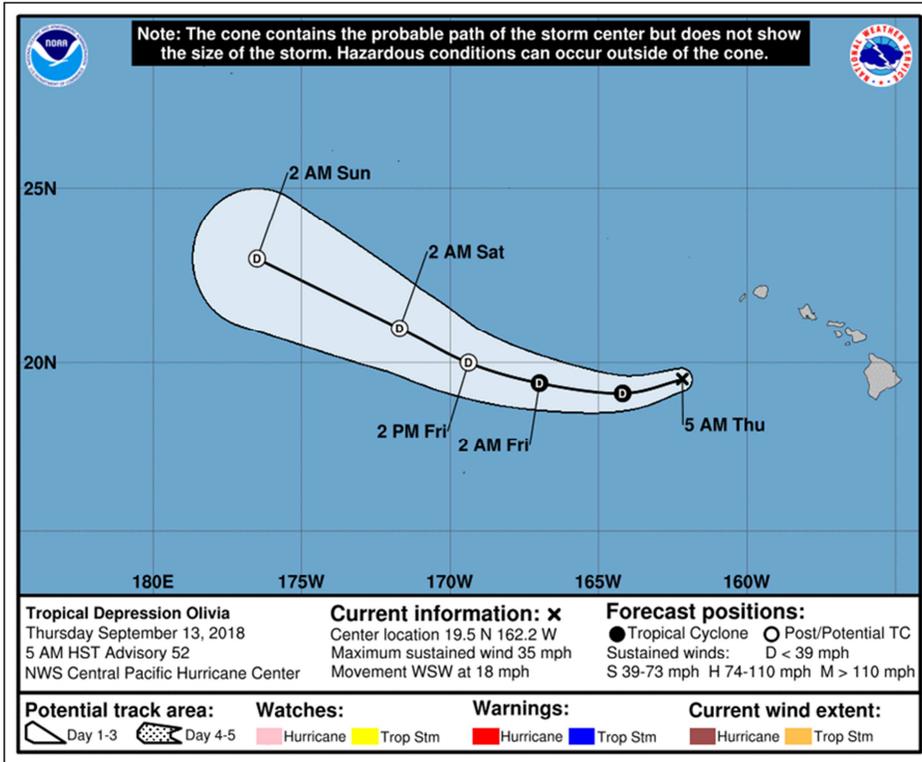
Discussion

- Tropical Depression Olivia sits about 305 miles to the west-southwest of Honolulu, Hawaii according to the Central Pacific Hurricane Center (CPHC). The storm is moving to the west at 18 mph, and this general motion should continue with a gradual turn to the west-northwest into the weekend.
- Concerning intensity, Olivia carries maximum sustained winds of 35 mph, and has weakened to a tropical depression. Olivia should continue to weaken.
- Olivia crossed the Islands yesterday afternoon (local time) as a minimal tropical storm with maximum sustained winds of 40 mph, passing within 45 miles of Honolulu, Hawaii. Residual hazards of concern include heavy rainfall amounts of 3-5 inches and local amounts to 8 inches to produce an ongoing threat for flooding and flash-flooding. Saturated soils will amplify this threat. Honolulu International Airport has unofficially reported about 0.54 inches of rainfall

for September 11th and 12th. About 1.11 inches and 1.32 inches have been reported at Kahului and Molokai, respectively. Peak wind gusts of 49 mph and 41 mph were unofficially reported at Molokai and Honolulu, respectively according to the National Weather Service. Hazard severity is typically amplified in areas of steep terrain.

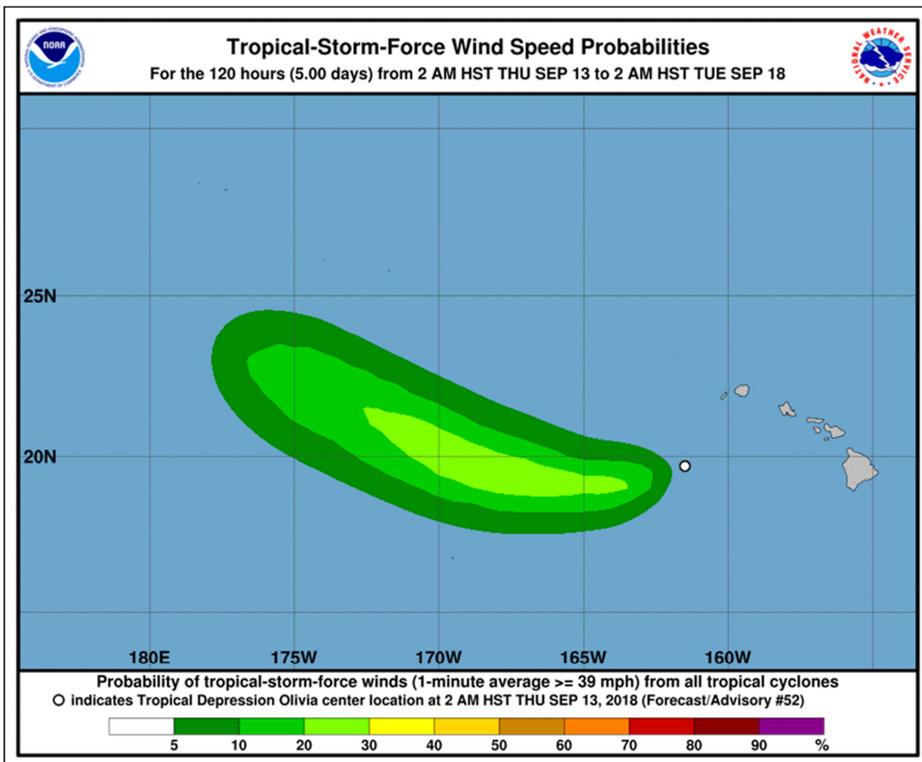
Further Sentinel statements will be issued on Olivia only if it poses a material and escalating threat to Hawaii. Statements from the Central Pacific Hurricane Center can be found at <http://www.prh.noaa.gov/cphc/>. Local National Weather Service watches, warnings and advisories can be found at www.weather.gov (type in the location or zip code, or click on the map).

Local watches and warnings from official meteorological agencies, and statements from local emergency management agencies supersede this update, and should be closely heeded concerning matters of personal safety.



NHC Position and Best Forecast

SOURCE: NOAA/NHC



Probability of Tropical-Storm-Force Winds (Shaded)

SOURCE: NOAA/NHC

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