

Agenda 3iii: Climate Monitoring Section: review & evaluation of November 2020 to April 2021

Northern hemisphere tropical cyclones

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NOAA

Pacific Islands Climate Outlook Forum (PICOF 8)

Virtual (via Zoom) Meeting on 21 April 2021

Western North Pacific 2020 Tropical Cyclone Season

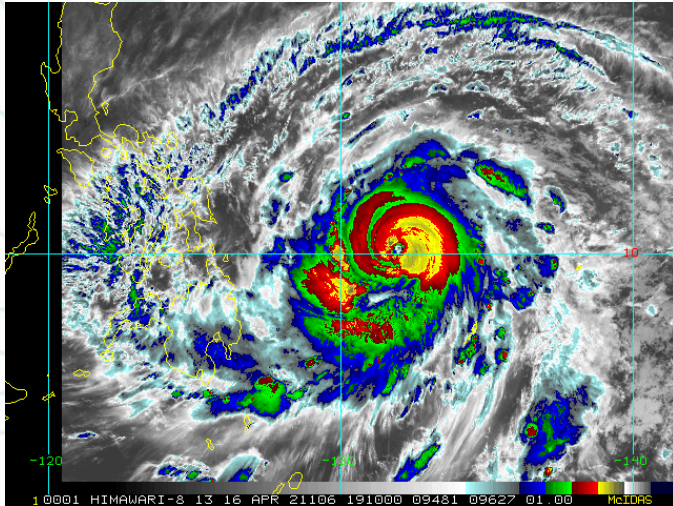


2020 Western North Pacific Storm Tracks.

Source: <https://coast.noaa.gov/hurricanes> and <https://www.ncdc.noaa.gov/ibtracs/>

The March 2020 NOAA TC Outlook (2020) called for a near normal to above normal number of storms. For the year, there were 26 numbered systems (based on JTWC best track), compared to a normal of 25.7 +/- 4.2 . There were 23 Named Storms, 12 reached Hurricane status, and seven were Major Hurricanes. In terms of the geographic distribution of storms in the region, all major TCs occurred west or northwest of Micronesia. This is not normal, but is consistent with La Niña conditions.

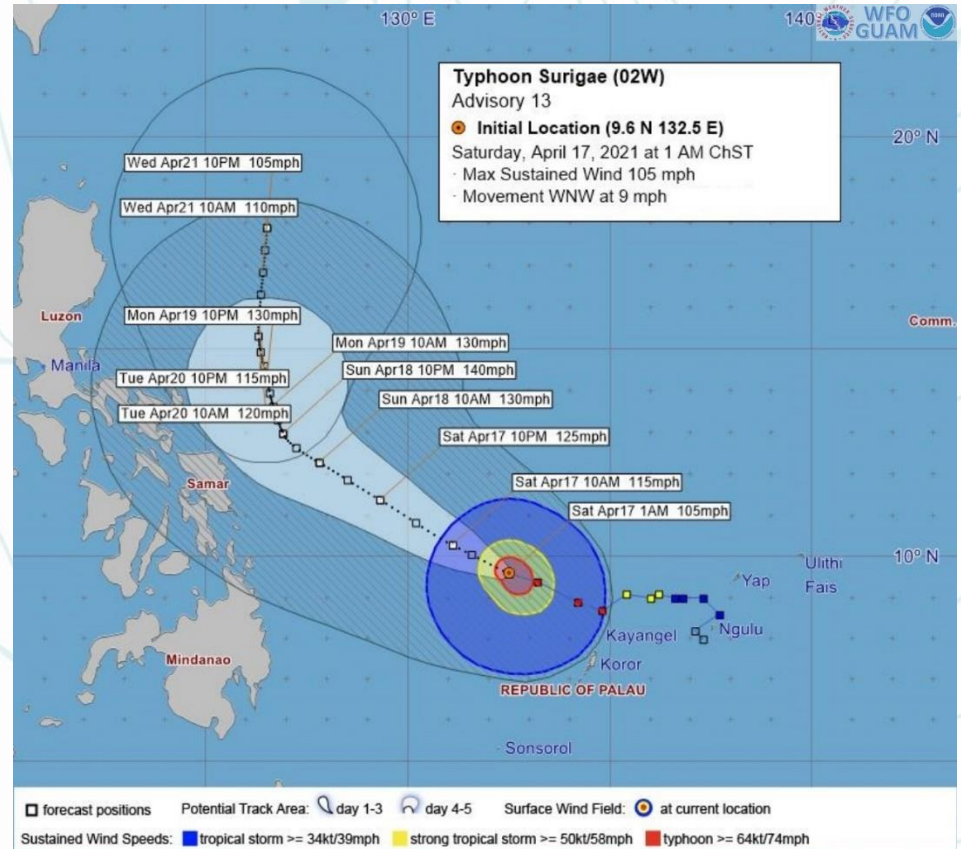
Western North Pacific 2021 Tropical Cyclone Season



Typhoon Surigae IR 2021-04-16 19:10

https://rammb-data.cira.colostate.edu/tc_realttime/

In 2021, there has been two storms: Tropical Storms Dujan and Typhoon Surigae, the first typhoon of the season in the western North Pacific.



NOAA NWS Typhoon Surigae Forecast Track and Uncertainty Graphic

<https://www.weather.gov/gum/Cyclones>