



Global Tropics Hazards Outlook

Climate Prediction Center



Week 2 - Valid: Dec 25, 2024 - Dec 31, 2024



Philippine Sea for both weeks due to favorable MJO positioning. Finally, a slight risk of TC genesis is posted for weeks 2&3 for the southwestern Indian Ocean with continued anomalous westerlies favored to persist through the forecast period. A moderate risk of TC genesis is posted for week-3 northeast of Madagascar, as the MJO moves into the Western Hemisphere, providing a more favorable environment for TC development over the region. MJO teleconnections generally favor wetter conditions for portions of the Pacific Northwest, and initially favor warm conditions over much of the Contiguous U.S. (CONUS). Extended RMM forecasts indicate that eastward propagation is favored to continue beyond week 3, colder conditions become favored over the Northeast U.S. as the MJO moves into phase 8.

The precipitation outlook for weeks 2 and 3 is based on potential TC activity, the anticipated state of ENSO and the MJO, and informed by GEFS, CFS, Canadian, and ECMWF ensemble mean solutions. During week-2 above-normal temperatures are indicated for much of northern South America, and strongly favored for much of the CONUS and Mexico, as well as the Hawaiian Island. For hazardous weather conditions in your area during the coming two-week period, please refer to your local NWS office, the Medium Range Hazards Forecast produced by the Weather Prediction Center, and the CPC Week-2 Hazards Outlook. Forecasts made over Africa are made in coordination with the International Desk at CPC.