

Drought Information Statement for Micronesia

Valid June 24, 2025

Issued By: WFO Guam

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- This product will be updated June 27, 2025 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/gum/DroughtInformationStatement for previous statements.
- Severe Drought conditions (D2) persist for Guam, Rota, and Saipan; Moderate Drought (D1) for Tinian.
- Extreme Drought (D3) persists across Wotje and Utirik in the RMI
- Extreme Drought (D3) persists across Pingelap in Pohnpei State
- Moderate Drought (D1) persists across Kwajalein, Ailinglapalap and Jaluit in the RMI
- A dry pattern will persist across northern RMI the next couple weeks





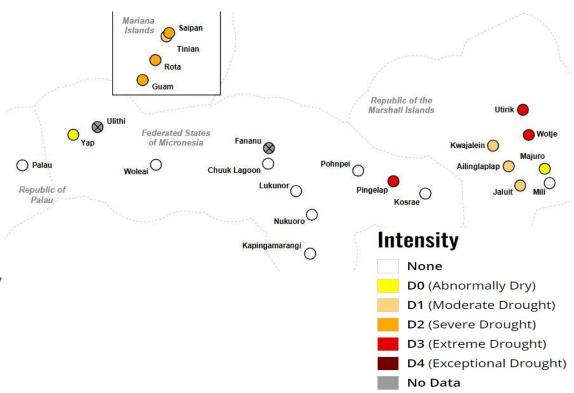


U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for Micronesia and the rest of the U.S. Affiliated Pacific Islands

• Drought Intensity:

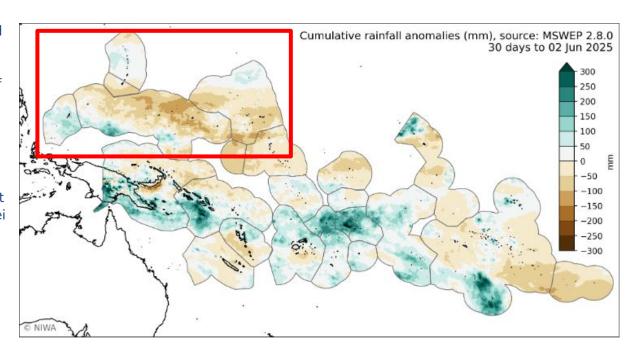
- D3 (Extreme Drought):
 - Pohnpei State: Pingelap
 - Marshall Islands: Wotje, Utirik
 & nearby islands/atolls.
- O D2 (Severe Drought):
 - <u>Marianas</u>: Guam, Rota, Saipan
- D1 (Moderate Drought):
 - Marianas: Tinian
 - Marshall Islands: Kwajalein, Ailinglapalap, Jaluit & nearby islands/atolls
- O D0 (Abnormally Dry):
 - Yap State: Yap Proper & nearby islands/atolls
 - Marshall Islands: Majuro





Rainfall During the Last 30 Days

- Patchy showers have been making their way across Guam and Rota, but remained more dry over Saipan. A dry pattern also continued across much of the Marshall Islands, especially for the islands north of Majuro Atoll, were drought conditions continue to worsen.
- Rainfall across the FSM remains mixed.
 Recent trade-wind convergence and
 showers has brought rain to many of the
 islands in Chuuk, Pohnpei and Kosrae, but
 some islands, such as Pingelap in Pohnpei
 State, continue to remain drier. Across
 Yap State, a wettern pattern was
 supported by the NET along with
 embedded disturbances, but Yap Proper
 remained abnormally drier due to this
 activity remaining south of it.
- ROP remains wetter than normal due to influences of the NET, cycles of the monsoon trough and generally unsettled weather pattern bringing heavier showers



Graphic courtesy of the <u>National Institute of Water and Atmospheric</u> Research (NIWA)

Summary of Impacts

Links: See/submit Condition Monitoring Observer Reports (CMOR) and view the Drought Impacts Reporter

Hydrologic Impacts

• None reported at this time. Any reports from the northern RMI would be beneficial in monitoring local water catchments and gauging impacts of extreme drought on Wotje, Utirik & and nearby islands/atolls.

Agricultural Impacts

• Vegetation on plantations are starting to turn green on Guam, but with little improvement at Saipan. Drier conditions are expected to continue the next several days, which may result in more dry foliage to develop over Saipan and potentially Tinian.

Fire Hazard Impacts

• None reported at this time on Guam, due to significant rainfall over the past 2 weeks. Vegetation continues to dry over Saipan, keeping the wildfire threat high. The Guam Fire Danger is no longer high. Ground reports are very welcome.

Mitigation Actions

 Monitor water levels closely. Islands or atolls with a shallow water lens, or rely on water catchments, are sensitive to quick onsets of drought. Follow any water conservation procedures that are shared by local authorities.

Preparedness Actions

• Residents should report any agricultural and hydrologic impacts to local DCOs and WSOs, particularly during prolonged periods of drier weather. Reports from the islands are critical for decision-making and government responses.





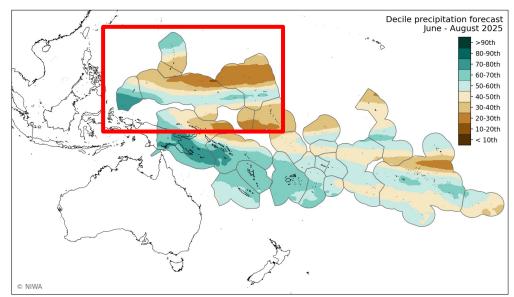
The latest El Niño Southern Oscillation (ENSO) outlook can be found on the CPC homepage

Short-term (1-3 Week Outlook)

- A drier pattern will linger across the FSM for areas generally north of Chuuk and Pohnpei, and across the Marshall Islands, especially for islands north of Kwajalein. A wetter pattern will persist for islands near and west of Palau, currently with a convective trade pattern in place. Gentle to moderate trades will bring mostly just isolated showers over the Marianas.
- Through June, drier conditions are expected to develop along the Equator west of 170E. See <u>CPC - Global</u> <u>Tropics Hazards Outlook</u> for more info.

Seasonal (3 Month Outlook)

- ENSO-neutral conditions have returned to the Pacific and are favored through the N. Hemisphere summer.
- The long-term trend favors near to above normal rainfall near Palau while drier conditions with below normal rainfall are predicted elsewhere, especially north of 7N.
- These trends are typical, but not guaranteed.



Graphic courtesy of the <u>National Institute of Water and</u> Atmospheric Research (NIWA)