



Drought Information Statement for Micronesia

Valid June 7, 2024

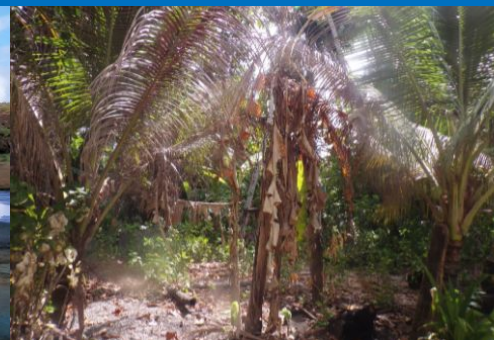
Issued By: WFO Guam

Contact Information: nws.gum.operations@noaa.gov

- This product will be updated June 21, 2024 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.



Photo courtesy FSM Adaptation Fund



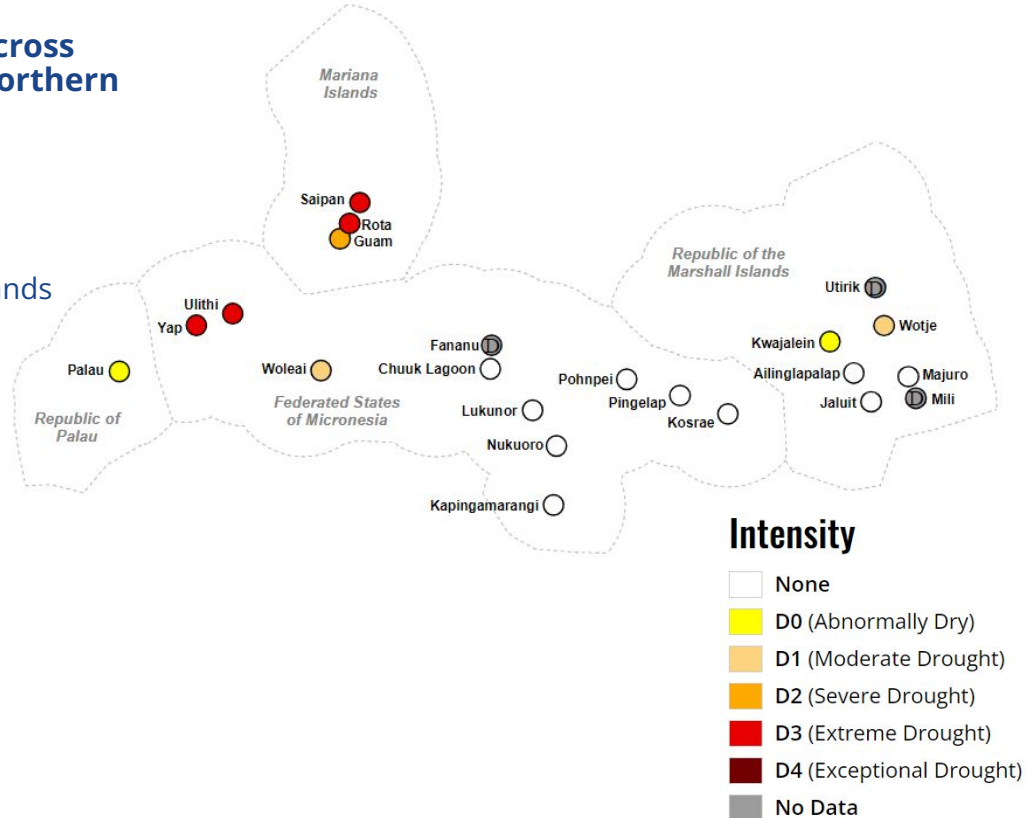


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Micronesia and the rest of the U.S. Affiliated Pacific Islands

- Drought conditions show some improvement across much of the region, with the exception of the northern islands in Yap State and the northern RMI.
- Drought Intensity:

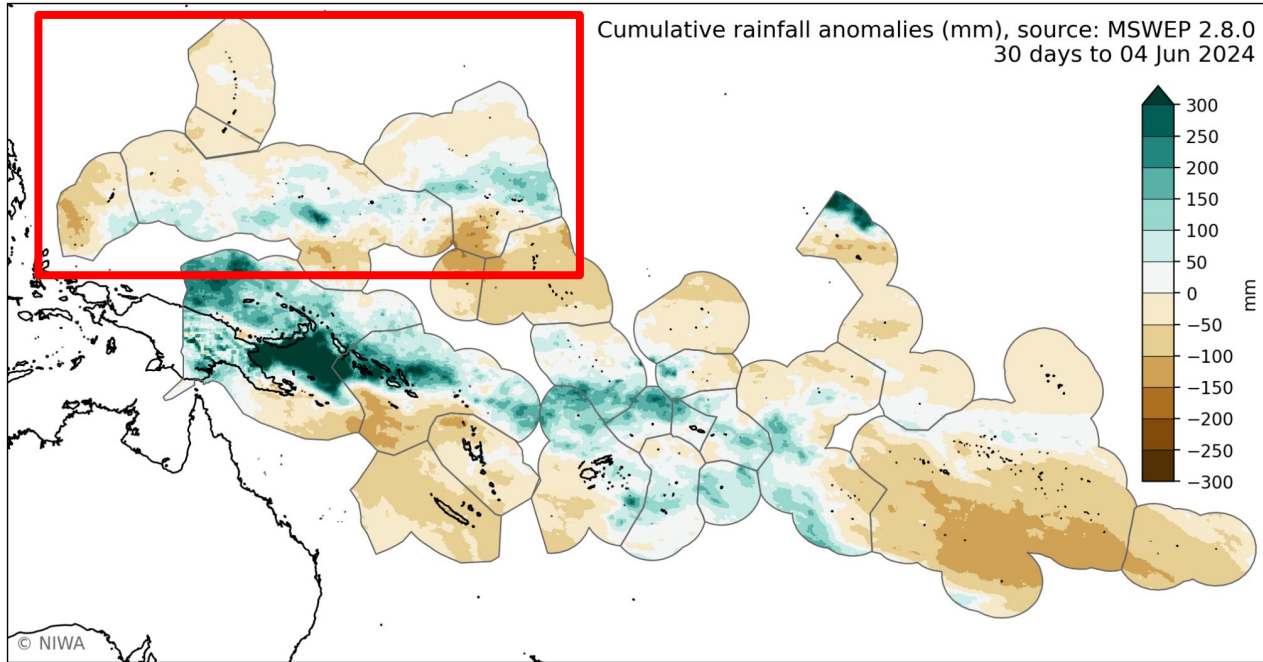
- **D3 (Extreme Drought):**
 - Yap State: Yap Proper, Ulithi & nearby islands
 - Marianas: Saipan, Tinian, and Rota
- **D2 (Severe Drought):**
 - Marianas: Guam
- **D1 (Moderate Drought):**
 - Yap State: Woleai & nearby islands/atolls
 - RMI: Wotje & nearby islands/atolls
- **D0 (Abnormally Dry):**
 - Republic of Palau: Palau
 - RMI: Kwajalein nearby islands/atolls





Rainfall During the Last 30 Days

- Satellite and rain gauge data, indicated **drier than normal conditions for Palau, northern islands of Yap State and the Marianas. Primarily for islands west of 140E.** Latest TUTT activity near Yap and Palau last couple of days not included in this graphic.
- Active ITCZ pattern brought needed rain to northern RMI and kept central and eastern FSM in a wetter pattern.
- Wetter than normal conditions during the last 30 days have generally been around 4-6N reflecting a months-long trend of showers slowly edging northward through the FSM and the RMI.



Map courtesy of the [National Institute of Water and Atmospheric Research \(NIWA\)](https://www.niwa.co.nz/)





Summary of Impacts

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

Hydrologic Impacts

- Heavy showers from Invest 93W in May and current TUTT activity helped to provide short-term relief to **Yap Proper, Ulithi and Fais**. However, photos taken June 4th of the Gitam Reservoir on **Yap Proper**, show long-term impacts of the drought continue to take its toll as water levels at the reservoir are near or below levels recorded during the 2016 drought. Recent showers across the **northern RMI** continue to bring relief to the northern islands.
- Despite recent showers across **Yap State** and the **northern RMI**, water shortages may still occur in the coming weeks until showers become more frequent and sustained across the region.

Agricultural Impacts

- Agricultural strain was reported from assessment teams and residents from islands across **Yap State**: taro patches drying up and coconuts drying out; and many reports of yellowing crops.
- The **CNMI** continues to experience dry conditions, however frequency of wildfires has decreased since peak in March-April.

Mitigation Actions

- **Water conservation measures are highly encouraged to continue for the dry islands of Yap State.** Locations with extreme drought could see at least another month of below-normal rainfall as both dry season and the dry phase of the waning El Niño continues.

Preparedness Actions

- Residents should continue to report agricultural and hydrologic impacts to local DCOs and WSOs, even after recent showers. Reports from the islands are critical for decision-making and government responses.

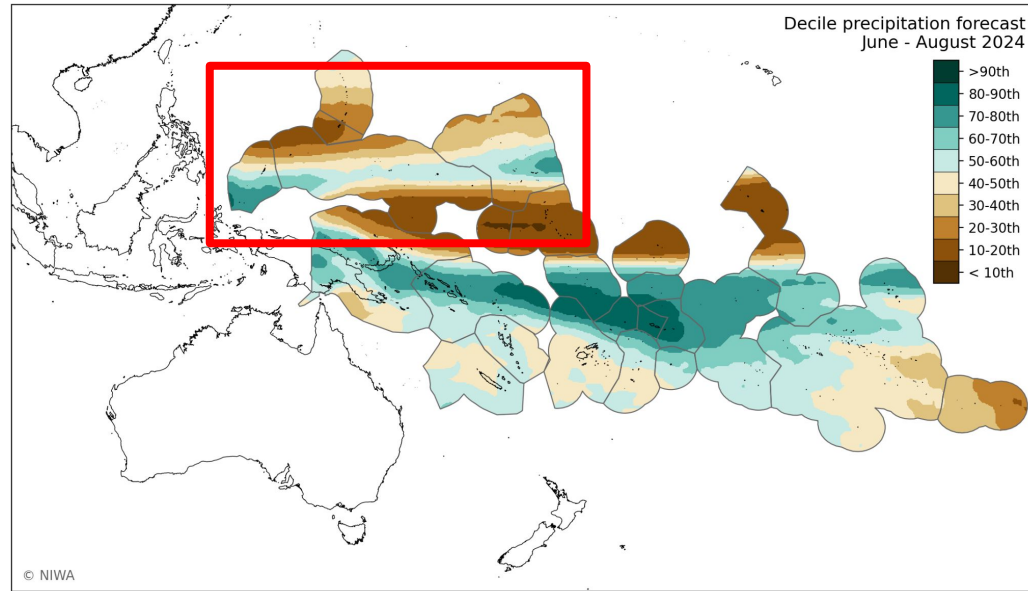




Drought Outlook

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

- **Extreme drought persists in Yap State and the CNMI.**
- **Short-term (1-3 Weeks Outlook)**
 - Active ITCZ and trade-wind pattern expected to bring near-normal rainfall to RMI and eastern to central FSM (Kosrae State to Chuuk State). Drier conditions to persist along and north of 9N, particularly the Marianas. A drier and light wind pattern persists across ROP and Yap State as the monsoon trough struggles to develop across southeast Asia. See [CPC - Global Tropics Hazard Outlook](#) for more info.
- **Seasonal (3 Month Outlook)**
 - The rainfall forecast through August remains drier than normal for islands near and north of 9N latitude; and near to wetter than normal to the south.



Map courtesy of the [National Institute of Water and Atmospheric Research \(NIWA\)](#)

