



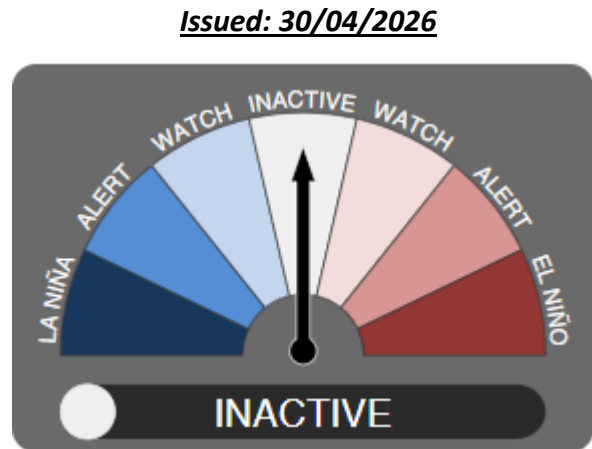
Tuvalu Meteorological Service Early Action Rainfall Watch



Purpose: The Early Action Rainfall Watch provides a summary of recent rainfall patterns, particularly the status of drought and the rainfall outlook for the coming months. The status and outlook will be revised on a monthly basis. Contact the Tuvalu Meteorological Service (TMS) for further information.

SUMMARY

- The 2025-26 La Nina has ended. Collectively, oceanic and atmospheric indicators of the El Nino–Southern Oscillation (ENSO) reflect a neutral condition.
- Sea surface temperature in the central tropical pacific within the ENSO neutral range for the past six weeks.
- Atmospheric indicators, such as trade winds, pressure and cloud pattern in the central pacific reflects ENSO Neutral conditions.
- All models forecast the tropical Pacific to continued warming in the coming months which consistent with EL Nino events.



RAINFALL STATUS:

- **No Extreme** of rainfall was observed over Tuvalu in a past 1 month (March 2026), 3-months (January to march 2026), and 12 months (February 2025 to March 2026)
- Past Six months October 2025 to March 2026 rainfall was observed **No Extreme** over Tuvalu, excepts Niulakita rainfall was **Very Dry**.

Rainfall OUTLOOK:

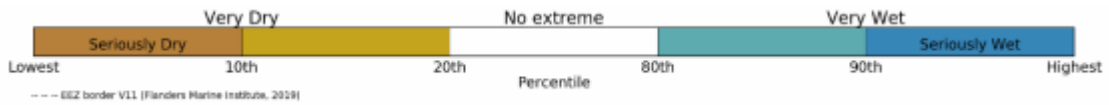
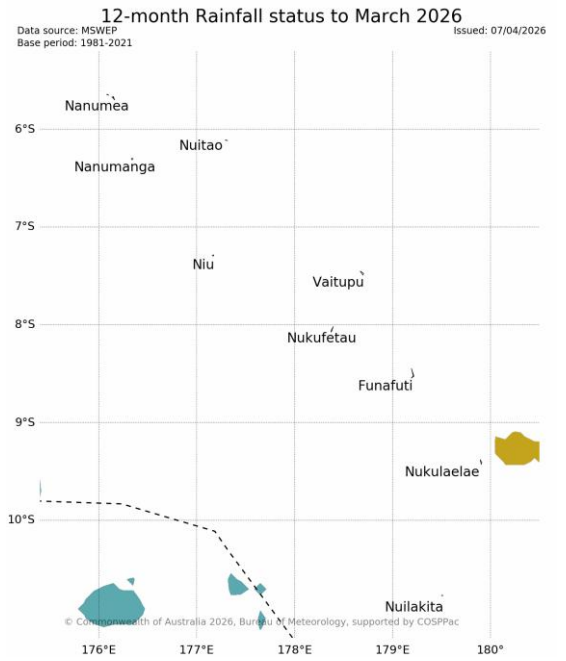
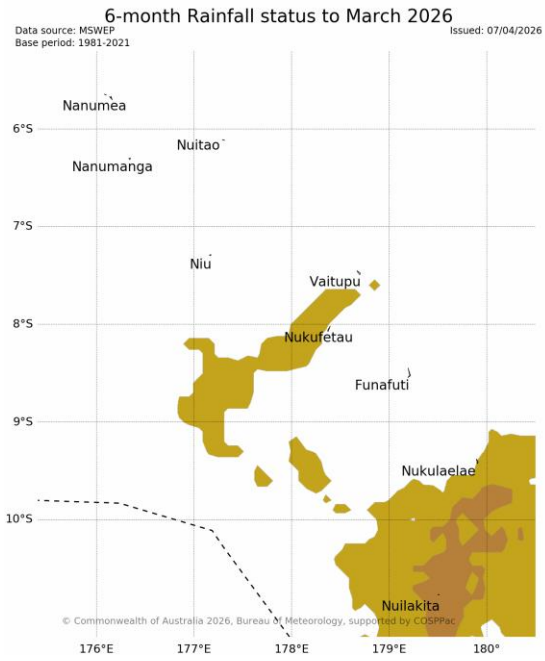
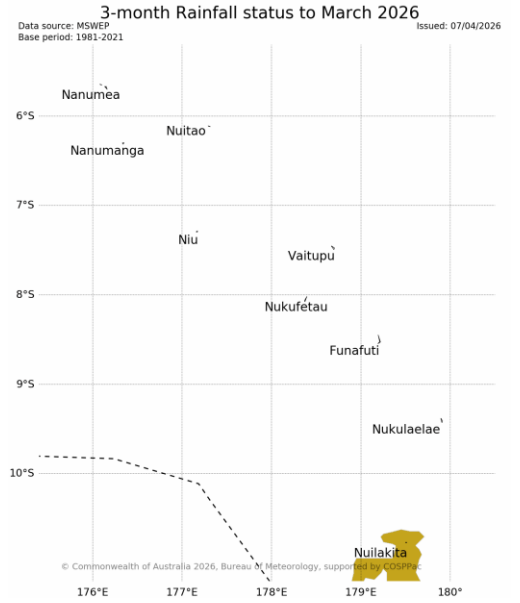
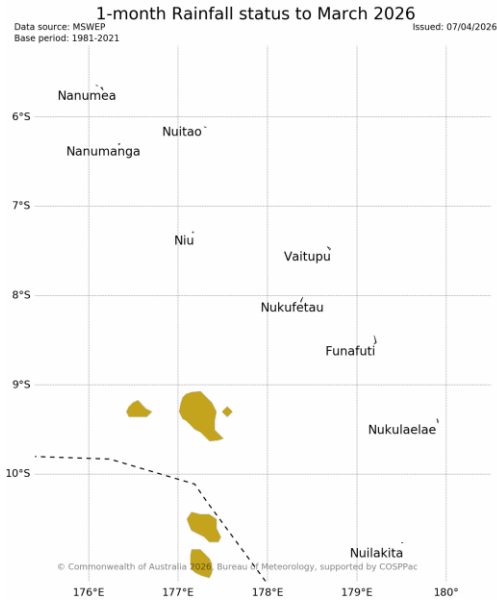
- **Medium chance of very dry** of rainfall predicted for March 2026 over Nanumea, and Niulakita. There's a **High chance of very dry** stretching over Nanumaga, Niutao, Nui, Vaitupu, Nukufetau, Funafuti and Nukulaelae.
- May to July 2026, of rainfall expected to be **Low Chance of Extreme** over Niulakita. **Medium Chance of Very Dry** at Nanumea, Nanumaga, Niutao, Nui and Nukulaelae, while **High Chance of very dry** in Vaitupu, Nukufetau and Funafuti.

Rainfall observed for the last month, 3-months, 6-months and 12-months

The table below provides information on rainfall received over specific periods in the last 12 months, whether a station is in drought or a very wet period (opposite of drought). If a station is in drought warning, this indicates an increased chances of drought in the coming months, especially when approaching the dry season. The time periods are associated with different drought impacts presented below the tables.

Past Rainfall Status					Very Dry/Wet Rainfall Outlook		
1-month March 2026	3-months January to March 2026	6-months October 2025 to March 2026	12-months February 2025 to March 2026		Tuvalu Islands	May 2026 Chance of extreme	May to July 2026 Chance of extreme
No Extreme	No Extreme	No Extreme	No Extreme		Nanumea	Medium Chance of Very Dry	Medium Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nanumaga	High Chance of Very Dry	Medium Chance of very dry
No Extreme	No Extreme	No Extreme	No Extreme		Niutao	High Chance of Very Dry	Medium Chance of very dry
No Extreme	No Extreme	No Extreme	No Extreme		Nui	High Chance of Very Dry	Medium Chance of Very Dry
No Extreme	No Extreme	Very Dry	No Extreme		Vaitupu	High Chance of very dry	High Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nukufetau	High Chance of Very Dry	High Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Funafuti	High Chance of Very Dry	High Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nukulaelae	High Chance of very dry	Medium Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Niulakita	Medium Chance of Very Dry	Low Chance of Extreme

ACCESS-S Rainfall Summary for March, 2026.



Time periods and impacts:

1 – month period is most relevant for shallow rooted crops (e.g. eggplant, cabbage, tomatoes, spring onions, watermelons, cucumber), small water tanks (e.g. 1000galloons) and household water cisterns. The following secondary health and social-economic have been associated with drought at the 1-month period. Diarrhoea, skin rash, cough and fever, red eye, desalination plant (increased power demand and higher water costs for households), health of babies and elderly people declines, schools close and construction stops.

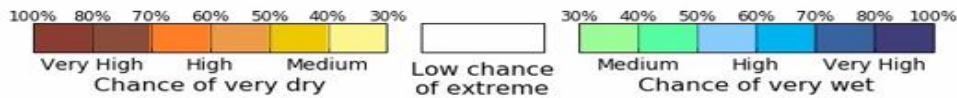
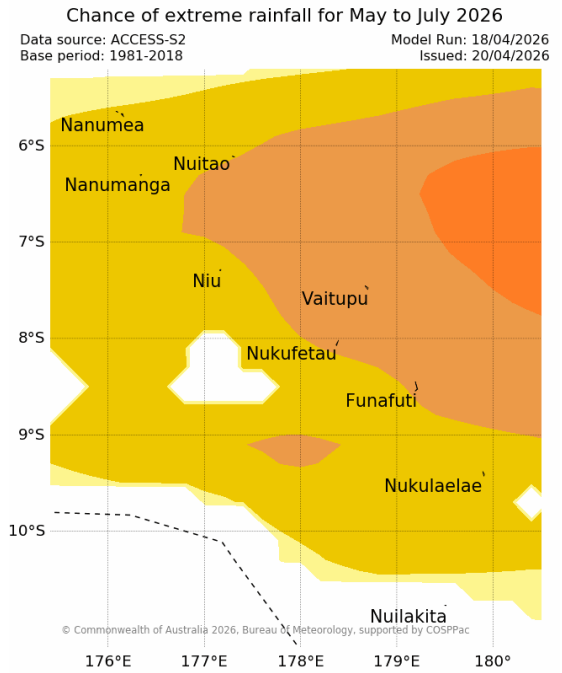
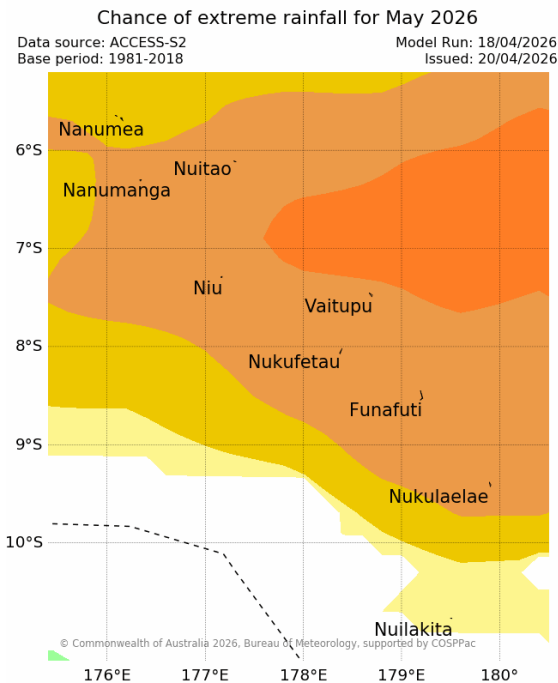
2 – months period is most relevant for bottle gourd,pawpaw, banana, chicken, pigs and community cisterns. The following secondary social-economic and health impacts have been associated with drought at the 2-months period. Community gatherings stop, increased in community disputes over water and limited or no employment.

3 – months period is most relevant for pumpkin, groundwater and ponds. The following secondary social-economic and health impacts have been associated with drought at the 3-months period. Crimes increase e.g. water stealing, government offices close and national events postponed.

6 – months period is most relevant for large trees (e.g. breadfruits, pulaka, taro). The following secondary social-economic and health impacts have been associated with drought at the 6-months periods.Meteorological balloon flights stop, interislands shipping delays, entry of visitors to Tuvalu restricted.

12- months period is most relevant for felo, dragon fruits, pandanus, coconuts and ofega.

Very Dry/Wet Rainfall Outlooks for May, and May to July 2026



Outlook Status

The outlook provides the likelihood of receiving above normal to normal rainfall over the next three months and the following three months. The outlook does not indicate the amount of rainfall that may be received, how intense the rain may be in any one event, nor how it may vary from month to month.

Rainfall Status

- Estimates of moisture/water stress is based on recent rainfall compared with historical observations using the Percentile (Decile) Index.

- *Definitions:* "Very Dry" = rainfall in the lowest 20% of the historical record for that location and season, "Very Wet" = rainfall in the highest 20% for that location and season, "Seriously Dry" = rainfall in the lowest 10% of the historical record for that location and season, "Seriously Wet" = rainfall in the highest 10% for that location and season.

Contact Tuvalu Meteorological Service for further information:

Chief Meteorological Officer, Ministry of Public Works, Infrastructure, Water, Meteorology and Disaster, Vaiaku, Funafuti, Tuvalu.

Email: tauala.k@gmail.com, tuvalumet@gmail.com, tuvalumet@gov.tv

website: tuvmet.tv, Facebook:<Tuvalu Meteorological Service>