



# Tuvalu Meteorological Service Early Action Rainfall Watch



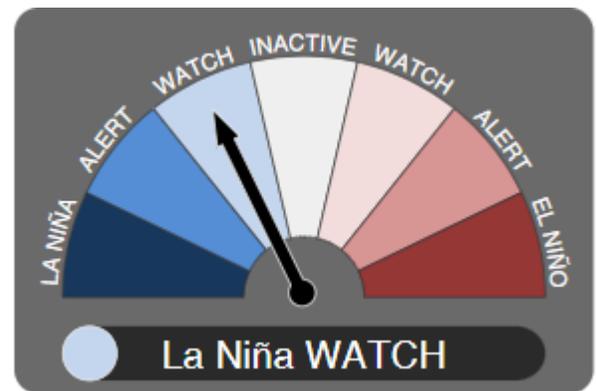
**Purpose:** The Early Action Rainfall Watch provides a summary of recent rainfall patterns, particularly the status of drought and the rainfall outlook for the coming months. The status and outlook will be revised on a monthly basis. Contact the Tuvalu Meteorological Service (TMS) for further information.

## SUMMARY

### “La Nina Watch continue and it’s close to end in the Tropical Pacific Oceans”

- ✚ The 2025-2026 La Nina events are weakening and is expected to end soon.
- ✚ Sea surface temperature in the central tropical pacific have been warmer than the La Nina threshold for the past two weeks.
- ✚ All models indicate a return to neutral ENSO conditions in early autumn.

*Issued: 26/03/2026*



## RAINFALL STATUS:

- ✚ **No Extreme** of rainfall was observed over Tuvalu in a past 1 month (February 2026) and 12 months (January 2025 to February 2026)
- ✚ The rainfall for (December 2025 to February 2026) past 3- months and September 2025 to February 2026) 6- months was **No Extreme** across the regions, excepts Niulakita was **Very Dry**.

## Rainfall OUTLOOK:

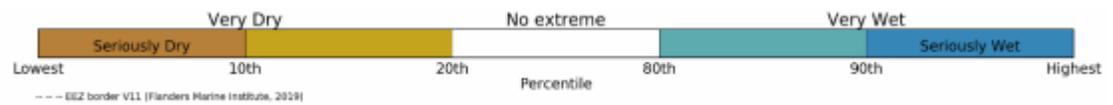
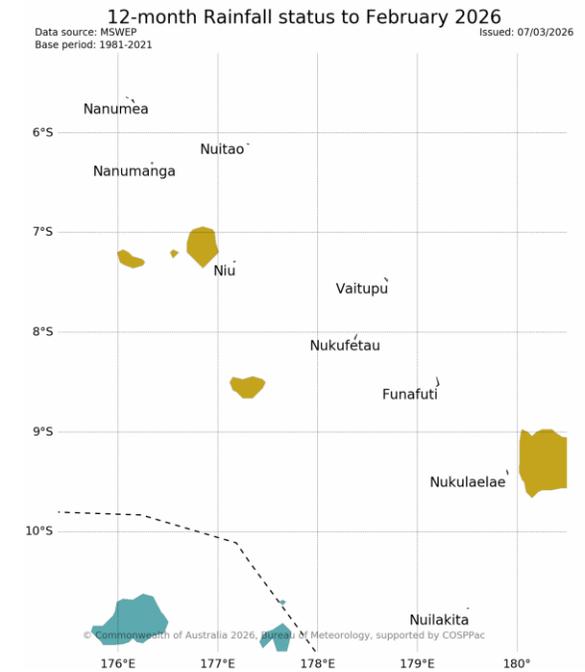
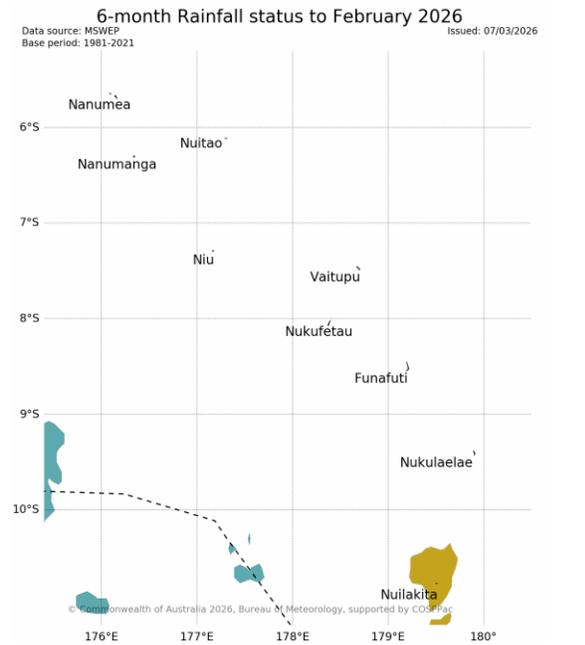
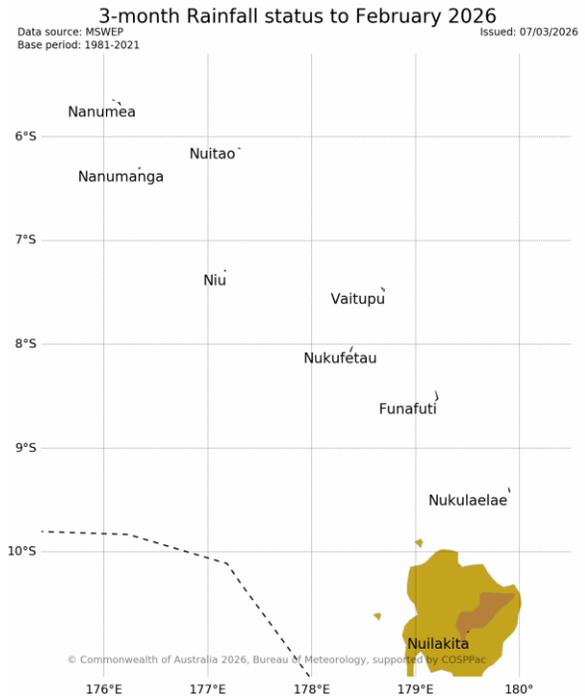
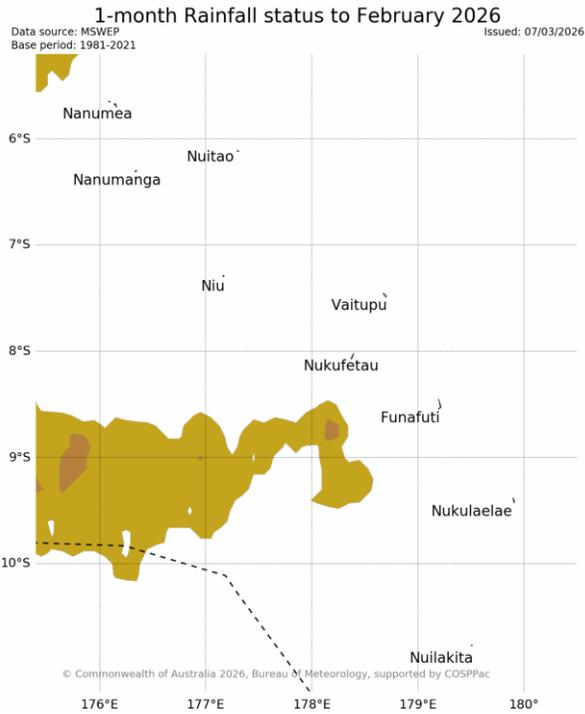
- ✚ **Medium chance of very dry** of rainfall predicted for April 2026 over Nanumea, Nanumaga, Nui, Nukufetau, Funafuti, Nukulaelae and Niulakita. There’s a **Low Chance of Extreme** stretching over Niutao, while excepts Vaitupu is **High Chance of very dry**.
- ✚ April to June 2026, of rainfall expected to be **Low Chance of Extreme** over Nanumea. **Medium Chance of Very Dry** around Niutao, Nanumaga, Nui, Nukufetau and Niulakita, but **High Chance of very dry** in Vaitupu and Nukulaelae.

# 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 February 2026	3-months December 2025 to February 2026	6-months September 2025 to February 2026	12-months January 2025 to February 2026		Tuvalu Islands	April 2026 Chance of extreme	April to June 2026 Chance of extreme
No Extreme	No Extreme	No Extreme	No Extreme		Nanumea	Medium Chance of Very Dry	Low Chance of Extreme
No Extreme	No Extreme	No Extreme	No Extreme		Nanumaga	Medium Chance of Very Dry	Medium Chance of very dry
No Extreme	No Extreme	No Extreme	No Extreme		Niutao	Low Chance of Extreme	Medium Chance of very dry
No Extreme	No Extreme	No Extreme	No Extreme		Nui	Medium Chance of Very Dry	Medium Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Vaitupu	High Chance of very dry	High Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nukufetau	Medium Chance of Very Dry	Medium Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Funafuti	Medium Chance of Very Dry	High Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nukulaelae	Medium Chance of very dry	High Chance of Very Dry
No Extreme	Very Dry	Very Dry	No Extreme		Niulakita	Medium Chance of Very Dry	Medium Chance of Very Dry

# ACCESS-S Rainfall Summary for February, 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.

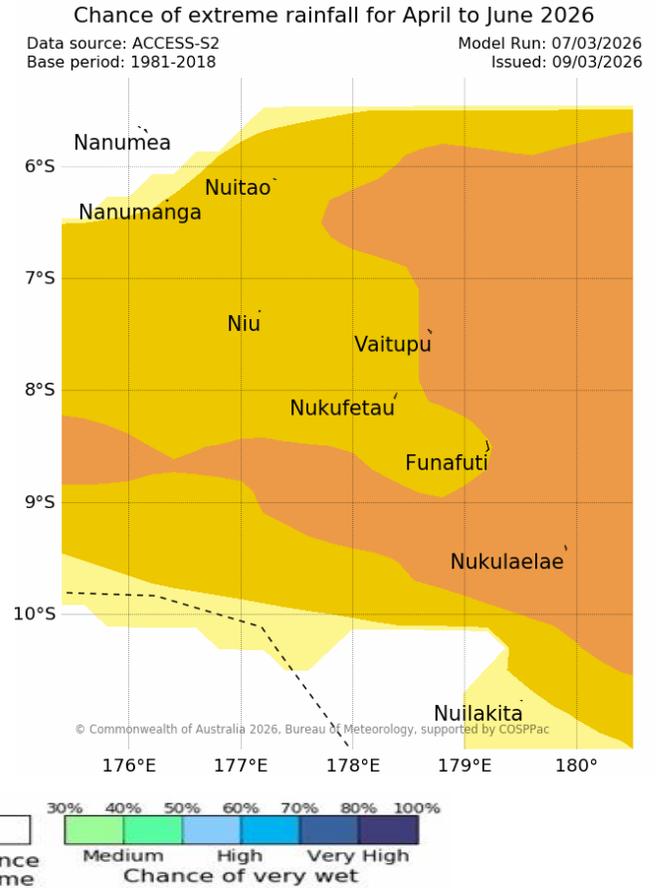
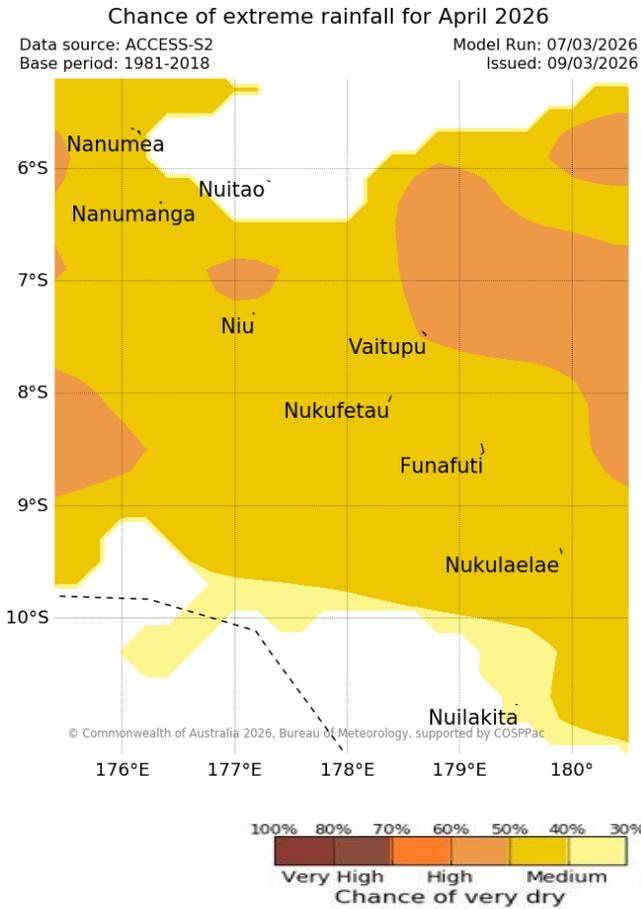
**2 – months** period is most relevant for bottle gourd,pawpaw, banana, chicken, pigs and community cisterns. The following secondary social-economic and health impacts have been associated with drought at the 2-months period. Community gatherings stop, increased in community disputes over water and 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 April, and April to June 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:

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