



# Tuvalu Meteorological Service Early Action Rainfall Watch:



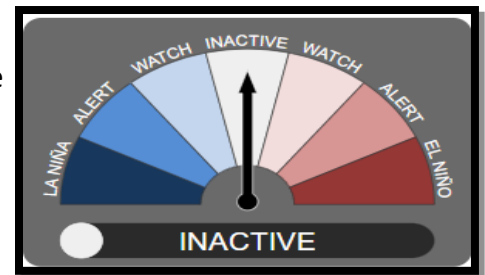
**Purpose:** The Early Action Rainfall Watch provides a summary of recent rainfall patterns, particularly the status of drought and the rainfall outlook for the coming months. The status and outlook will be revised on a monthly basis. Contact the Tuvalu Meteorological Service (TMS) for further information.

## SUMMARY

**"El Nino-Southern Oscillation is remains neutral"**

- The El Nino-Southern Oscillation (ENSO) is currently neutral, while not meeting thresholds for La Nina and El Nino phases.
- Bureau's model forecast that ENSO remains neutral phase throughout the forecast periods until early January 2026.

**Issued: 26/09/2025**



## RAINFALL STATUS:

- ❖ For the month of August 2025, it was ***Seriously dry*** over Nanumea. ***Very Dry*** over Nanumaga and Niutao. ***No Extreme*** most existed in Nui, Vaitupu, Nukufetau, Funafuti, Nukulaeale and Niulakita.
- ❖ Over June to August (3Months), it was ***No extreme*** over Tuvalu, excepts Niulakita was ***Seriously Wet***.
- ❖ Over the past six months, March to August, and (12 months) September 2024 to August 2025 ***No Extreme*** most existed over Tuvalu.

## Rainfall OUTLOOK:

- ***Medium Chance of Very Dry*** conditions predicted for October 2025 over Nanumea, Nanumaga, and Niutao. There is a ***Low Chance of Extreme*** expected for Nui, Vaitupu, Nukufetau, Funafuti and Nukulaeale, while Niulakita predicted to be ***Medium Chance of Very Wet***.
- October to December 2025 2025, expected to be ***High to Medium Chance of Very Dry*** over Tuvalu.

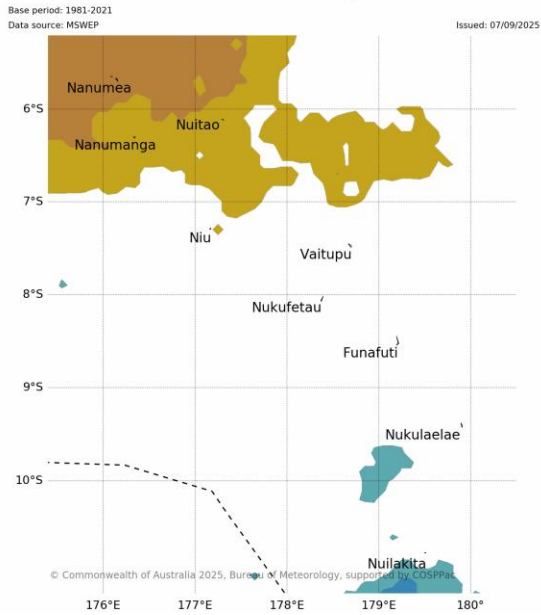
# Rainfall observed for the last month, 3-months, 6-months and 12-months

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.

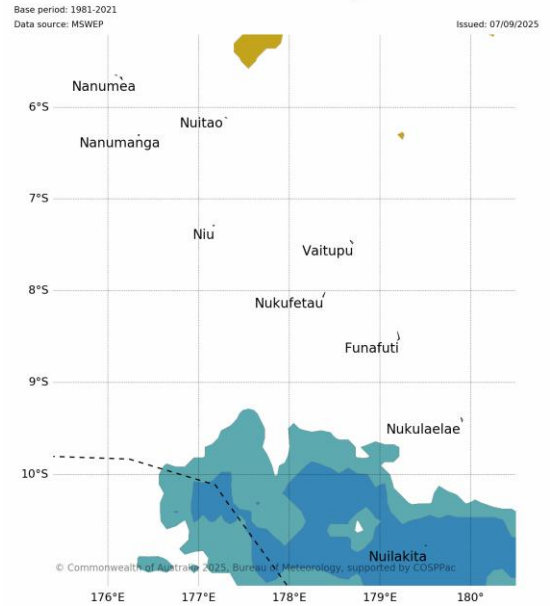
Past Rainfall Status						Very Dry/Wet Rainfall Outlook	
1-month August 2025	3-months June to August 2025	6-months March to August 2025	12-months September 2024 to August 2024		Tuvalu Islands	October 2025 Chance of extreme	October to December 2025 Chance of extreme
Seriously Dry	No Extreme	No Extreme	No Extreme		Nanumea	High Chance of Very Dry	High Chance of Very Dry
Very Dry	No Extreme	No Extreme	No Extreme		Nanumaga	Medium Chance of Very Dry	Medium Chance of Very Dry
Very Dry	No Extreme	No Extreme	No Extreme		Niutao	Medium Chance of Very Dry	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	Very Dry		Vaitupu	Medium Chance of Very Dry	Medium 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	Medium Chance of Very Dry
No Extreme	No Extreme	No Extreme	No Extreme		Nukulaelae	Medium Chance of Very Dry	No Extreme
No Extreme	Seriously Wet	No Extreme	No Extreme		Niulakita	No Extreme	No Extreme

# ACCESS-S Rainfall Summary for August, 2025.

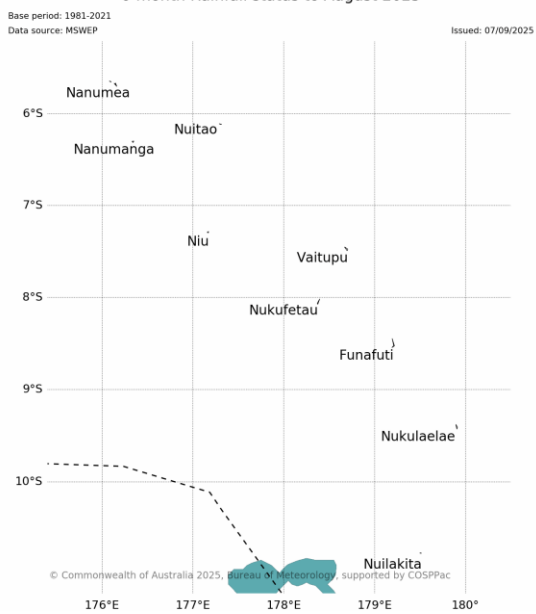
## 1-month Rainfall status to August 2025



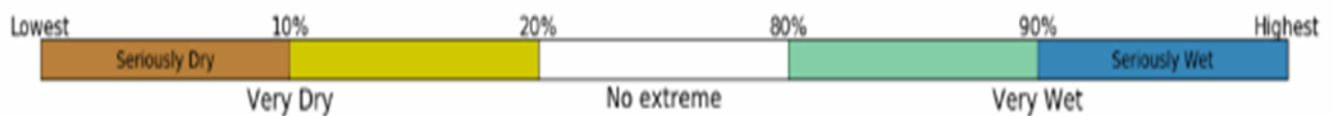
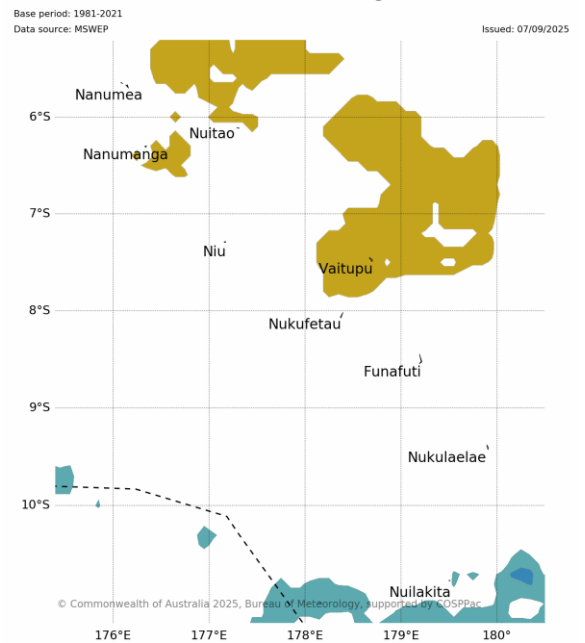
## 3-month Rainfall status to August 2025



## 6-month Rainfall status to August 2025



## 12-month Rainfall status to August 2025



## **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.

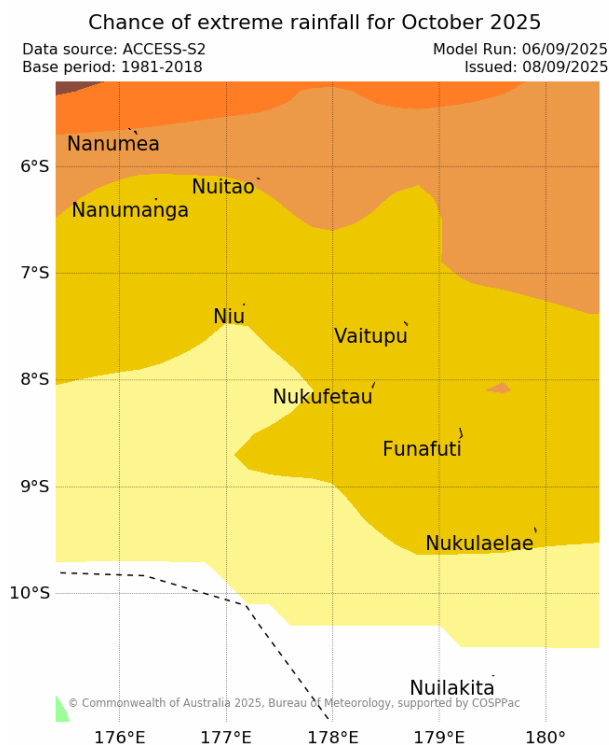
**2 – months** period is most relevant for bottle gourd, pawpaw, banana, chicken, pigs and community cisterns. The following secondary social-economic and health impacts have been associated with drought at the 2-months period. Community gatherings stop, increased in community disputes over water and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

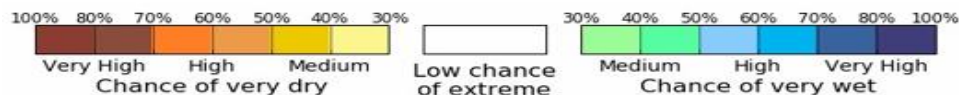
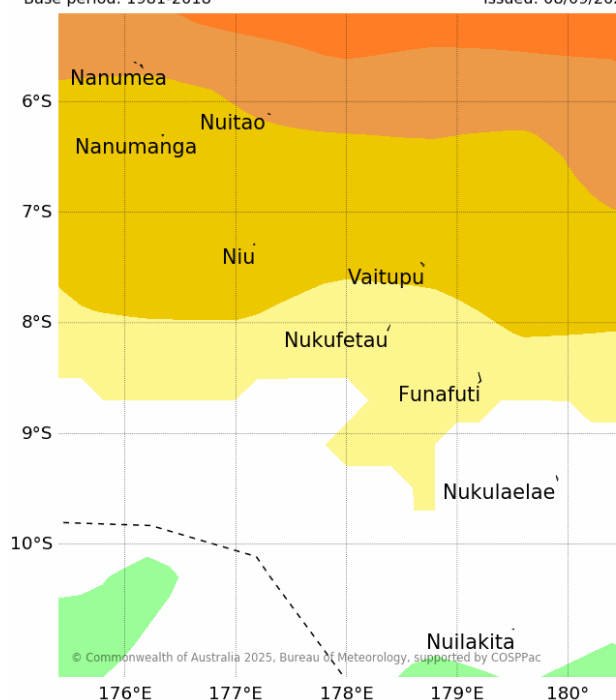
# Very Dry/Wet Rainfall Outlooks for October, and October to December 2025



Chance of extreme rainfall for October to December 2025

Data source: ACCESS-S2  
Base period: 1981-2018

Model Run: 06/09/2025  
Issued: 08/09/2025



## 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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