



Tuvalu Meteorological Service Early Action Rainfall Watch:



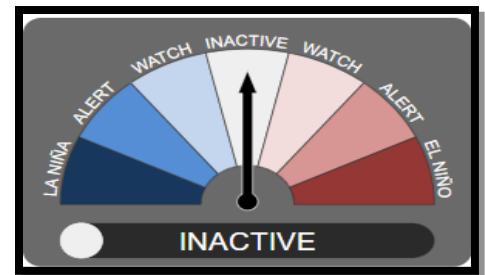
Purpose: The Early Action Rainfall Watch provides a summary of recent rainfall patterns, particularly the status of drought and the rainfall outlook for the coming months. The status and outlook will be revised on a monthly basis. Contact the Tuvalu Meteorological Service (TMS) for further information.

SUMMARY

"El Nino-Southern Oscillation remains neutral"

- The El Nino-Southern Oscillation (ENSO) remains neutral, sustained (3 consecutive monthly) Nino 3.4 values would be considered of La Nina.
- Bureau's model forecast neutral ENSO conditions (neither El Nino nor La Nina) over coming months.

Issued: 26/10/2025



RAINFALL STATUS:

- ❖ For the month of September 2025, it was **No Extreme** over Nanumea, Nanumaga, Niutao and Nui. **Very Wet** existed in Vaitupu, Nukufetau, Funafuti, Nukulaelae and Niulakita.
- ❖ Over July to September (3Months), it was **No Extreme** over Tuvalu.
- ❖ Over the past six months, April to September, **No Extreme** most existed across the country, excluding Niulakita was **Very Wet**.
- ❖ For past 12 months, October 2024 to September 2025 **Very Dry** over Nanumea, Nanumaga, Niutao, and Vaitupu. No Extreme was existed over Nui, Nukufetau, Funafuti and Nukulaelae, but for Niulakita was Very Wet.

Rainfall OUTLOOK:

- **High Chance of Very Dry** conditions predicted for November 2025 over Nanumea, and Niutao. There is a **Low Chance of Extreme** expected for Nanumaga, and Niulakita, while Nui, Vaitupu, Nukufetau, Funafuti and Nukulaelae predicted to be **Medium Chance of Very Wet**.
- November to January 2026, expected to be **Low Chance of Extreme** over Tuvalu, excepts Funafuti is predicted to be **Medium Chance of Very Dry**.

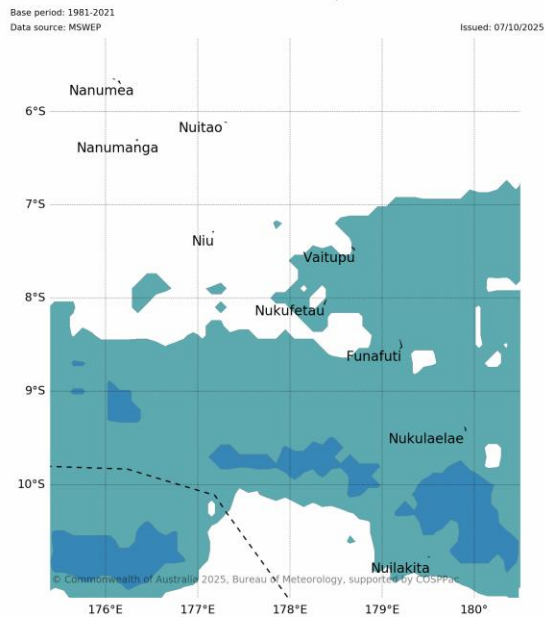
Rainfall observed for the last month, 3-months, 6-months and 12-months

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.

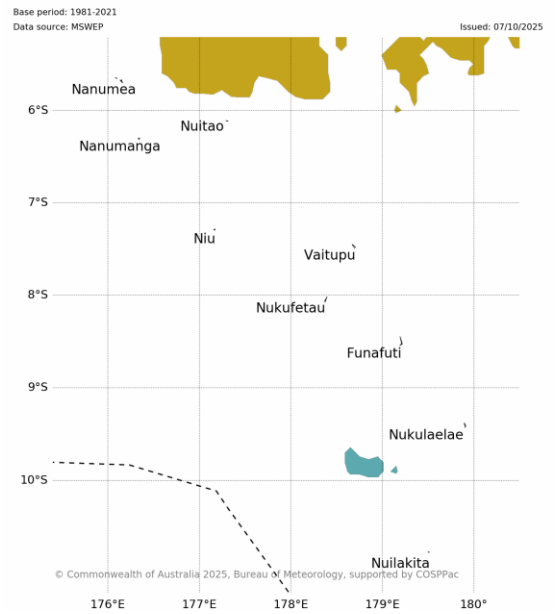
Past Rainfall Status						Very Dry/Wet Rainfall Outlook	
1-month September 2025	3-months July to September 2025	6-months April to September 2025	12-months October 2024 to September 2025		Tuvalu Islands	November 2025 Chance of extreme	November to January 2026 Chance of extreme
No Extreme	No Extreme	No Extreme	Very Dry		Nanumea	High Chance of Very Dry	Low Chance of Extreme
No Extreme	No Extreme	No Extreme	Very Dry		Nanumaga	Low Chance of Extreme	Low Chance of Extreme
No Extreme	No Extreme	No Extreme	Very Dry		Niutao	High Chance of Very Dry	Low Chance of Extreme
No Extreme	No Extreme	No Extreme	No Extreme		Nui	Medium Chance of Very Dry	Low Chance of Extreme
Very Wet	No Extreme	No Extreme	Very Dry		Vaitupu	Medium Chance of Very Dry	Low Chance of Extreme
Very Wet	No Extreme	No Extreme	No Extreme		Nukufetau	Medium Chance of Very Dry	Low Chance of Extreme
Very Wet	No Extreme	No Extreme	No Extreme		Funafuti	Medium Chance of Very Dry	Medium Chance of Very Dry
Very Wet	No Extreme	No Extreme	No Extreme		Nukulaelae	Medium Chance of Very Dry	Low Chance of Extreme
Very Wet	No Extreme	Very Wet	Very Wet		Niulakita	Low Chance of Extreme	Low Chance of Extreme

ACCESS-S Rainfall Summary for September, 2025.

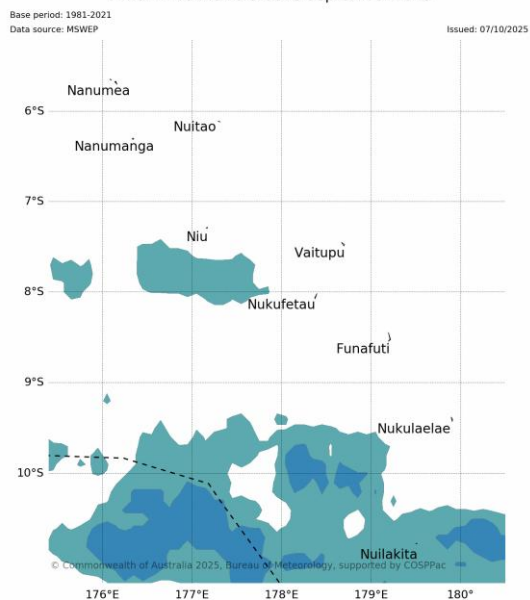
1-month Rainfall status to September 2025



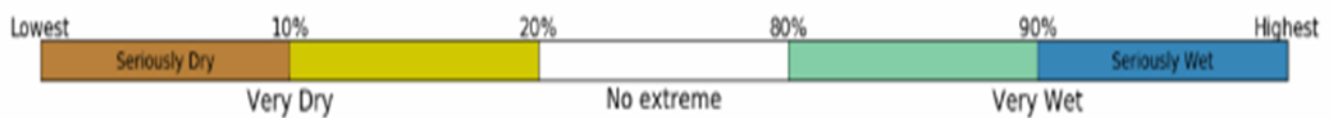
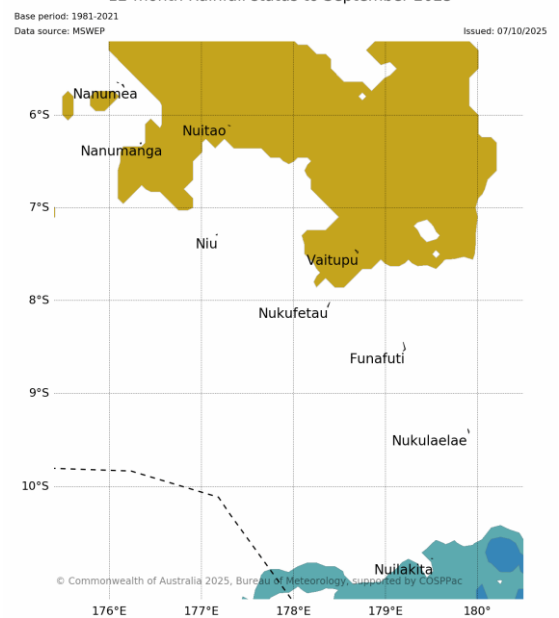
3-month Rainfall status to September 2025



6-month Rainfall status to September 2025



12-month Rainfall status to September 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.

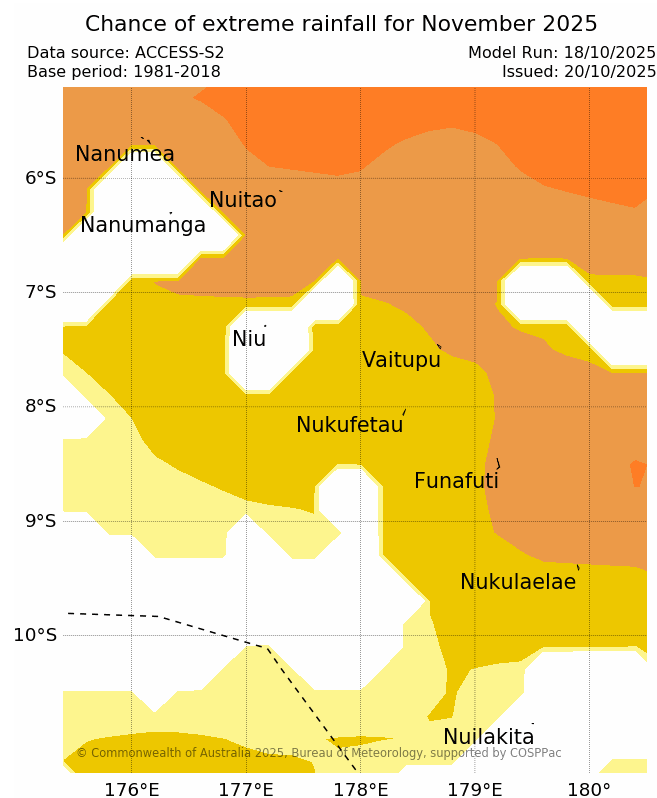
2 – months period is most relevant for bottle gourd, pawpaw, banana, chicken, pigs and community cisterns. The following secondary social-economic and health impacts have been associated with drought at the 2-months period. Community gatherings stop, increased in community disputes over water and limited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

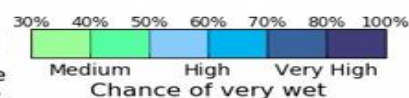
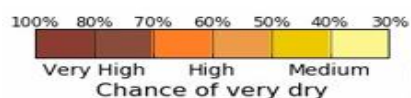
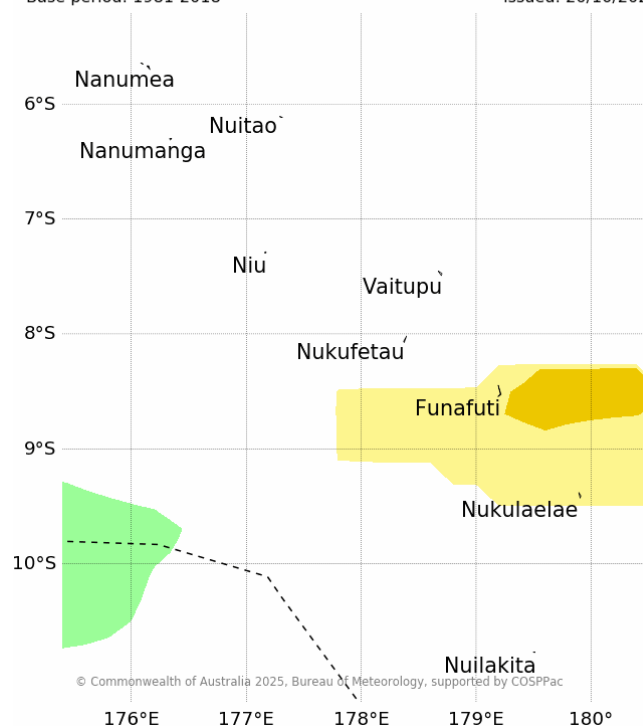
Very Dry/Wet Rainfall Outlooks for November, and November to January 2026



Chance of extreme rainfall for November 2025 to January 2026

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

Model Run: 18/10/2025
Issued: 20/10/2025



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:

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>