



# Climate Outlook 2024



September &  
September to November 2024

Issued: 22 August 2024

## Recent Observations

### July 2024

- Average rainfall received over 'Eua, Vava'u and the Niua's. (see table below)
- The mean air temperature was 24.4°C which was on average.
- Highest 24hrs rainfall was 48.6mm recorded at Vava'u on the 26<sup>th</sup>.
- Highest maximum temperature was 29.3°C recorded at Fua'amotu on the 3<sup>rd</sup>.
- Lowest temperature was 11.3°C recorded at Kaufana on the 13<sup>th</sup>.

## ENSO Status



The El Niño–Southern Oscillation (ENSO) is likely to remain neutral until early September.

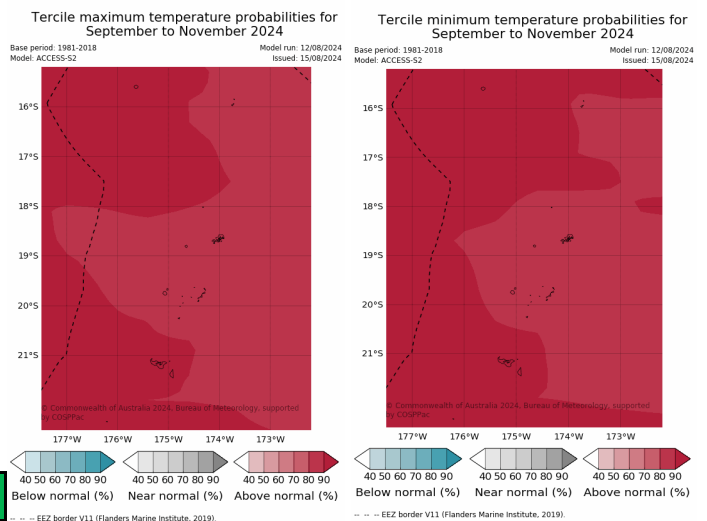
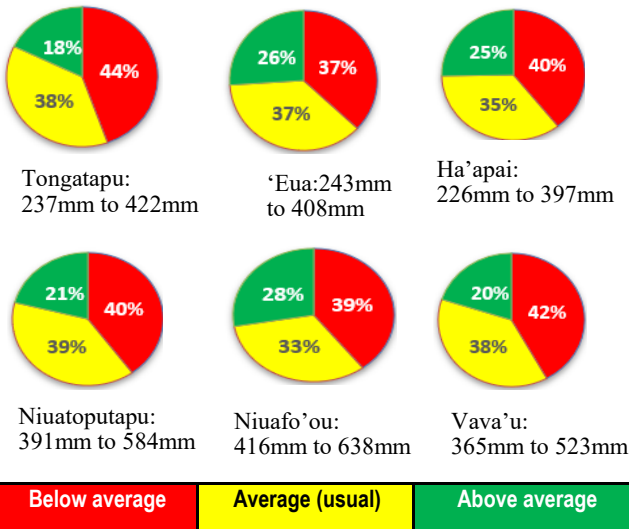
There is about an equal chance of ENSO remaining neutral or La Niña developing during the remainder of 2024. A La Niña Watch does not guarantee that a La Niña will develop. Climate models suggest that SSTs in the central tropical Pacific are likely to continue to cool over the coming months.

**Table 1. Rainfall totals from last 6 months, February – July 2024 (mm)**

	February	March	April	May	June	July
Niuafo'ou	362.0	158.0	192.0	67.5	25.0	84.5
Niuaotoputapu	374.5	172.0	178.5	163.0	157.5	119.5
Vava'u	257.1	758.5	100.4	162.2	107.8	85.1
Ha'apai	106.8	567.6	40.6	135.5	110.1	53.8
Fua'amotu	134.0	637.6	22.3	384.8	46.3	62.5
Nuku'alofa	141.5	739.0	134.5	297.5	37.5	66.5
'Eua	149.5	890.0	34.5	270.4	53.0	130.5
	Below average	Average (usual)	Average (usual)	Average (usual)	Average (usual)	Average (usual)

## Rainfall & Temperature Outlook: September, September-November 2024

- For most of Tonga, rainfall in September is forecast to be normal to below normal
- For most of Tonga, rainfall in September to November is forecast to be normal to below-normal.
- Maximum and minimum temperatures during September and September to November is for normal to above normal across the country.



The next Climate update will be issued second week of September 2024 or earlier

### Disclaimer:

This summary is prepared as soon as possible following the end of the month, once climate data is received from recording stations around Tonga. Delays in data collection, communication and processing occasionally arise. While every effort is made to verify observational data, the Tonga Meteorological Service makes no statements, representations, or warranties about the accuracy or completeness of, and you should not rely on, any information contained in this report. Despite our best efforts, TMS makes no warranties that the information in this publication is free of numerical errors. TMS disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages and costs you might incur as a result of the information being inaccurate or incomplete in any way, and for any reason. This information should be used as a guidance only. For further information about this forecast should be directed to the Director of the Tonga Meteorological Service, at P.O. Box 1380, Nuku'alofa. Or email at [metstaff@met.gov.to](mailto:metstaff@met.gov.to). Tel: (676) 0800638/ 7400062 or our website; <http://www.met.gov.to> for more information.