



Climate Outlook 2024



July to September 2024

Issued: 12 June 2024

Recent Observations

May 2024

- Average to above average rainfall received across Tonga except Niufo'ou. (see table below)
- The mean air temperature was 25.9°C which was 0.7°C warmer than average.
- Highest 24hrs rainfall was 170.5mm recorded at Lapaha on the 6th.
- Highest temperature was 32.9°C recorded at Niuatoputapu on the 7th.

Table 1. Rainfall totals from last 6 months, December 2023 – May 2024 (mm)

	December	January	February	March	April	May
Niufo'ou	211.5	138.0	362.0	158.0	192.0	67.5
Niuatoputapu	138.5	175.0	374.5	172.0	178.5	163.0
Vava'u	136.0	286.1	257.1	758.5	100.4	162.2
Ha'apai	63.1	195.4	106.8	567.6	40.6	135.5
Fua'amotu	75.3	625.1	134.0	637.6	22.3	384.8
Nuku'alofa	44.0	464.5	141.5	739.0	134.5	297.5
'Eua	98.5	544.0	149.5	890.0	34.5	270.4

Legend: Below average (Red), Average (usual) (Yellow), Above average (Green)

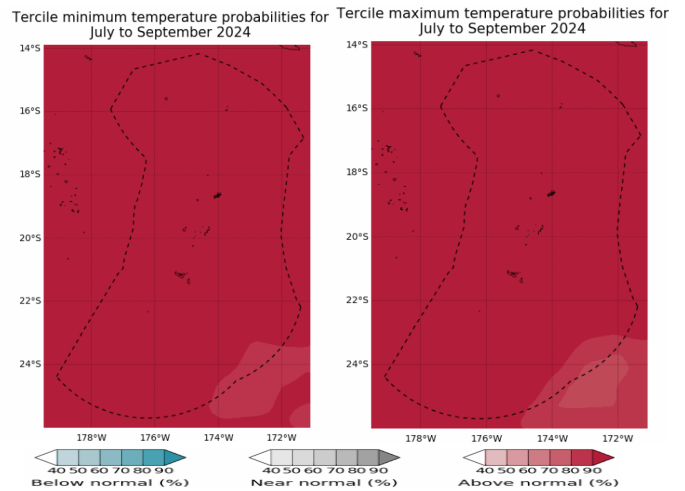
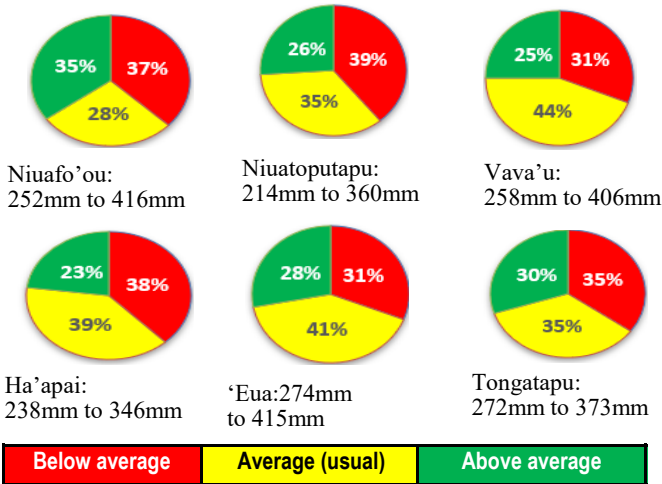
ENSO Status



La Niña Watch—some signs of La Niña formation later in 2024

The El Niño–Southern Oscillation (ENSO) is currently neutral. There are some early signs that a La Niña might form in the Pacific Ocean later in 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.

Rainfall & Temperature Outlook: July to September 2024



In Summary

- During May, average to above average rainfall was received in most parts of Tonga.
- Warmer than average night time minimum and day time maximum temperature across the country.
- The **rainfall outlook** generally indicates average across Tonga during July to September 2024.
- Maximum and minimum **temperature outlook** indicates warmer than average across Tonga during July to September 2024.

The next Climate update will be issued second week of July 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. Tel: (676) 0800638/ 7400062 or our website; <http://www.met.gov.to> for more information.

