



Climate Outlook 2024



April to June 2024

Issued: 11 March 2024

Recent Observations

February 2024

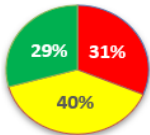
- Above average rainfall received over the Niuaus. (see table below)
- The mean air temperature was 27.9°C which was 0.6°C warmer than average.
- Highest 24hrs rainfall was 188mm recorded at Nomuka on the 1st.
- Highest temperature was 34.9°C recorded at Fangatongo, Vava'u on the 13th.

	September	October	November	December	January	February
Niuafo'ou	6.7	69.5	89.5	211.5	138.0	362.0
Niuaotoputapu	15.5	84.0	65.5	138.5	175.0	390.5
Vava'u	36.0	13.4	83.9	136.0	277.5	257.1
Ha'apai	32.9	11.2	74.5	63.1	195.4	106.8
Fua'amotu	26.5	18.9	165.8	75.3	625.1	134.0
Nuku'alofa	18.0	17.0	135.5	44.0	464.5	141.5
'Eua	50.5	19.5	159.0	98.5	544.0	149.5
	Below average		Average (usual)		Above average	

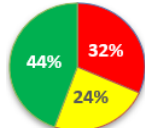
Rainfall Outlook for April to June 2024

ENSO Status

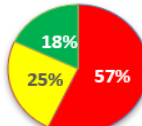
Neutral ENSO likely during April to June 2024.



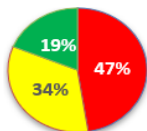
Niuafo'ou:
491mm to 650mm



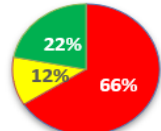
Niuaotoputapu:
425 mm to 605 mm



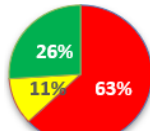
Vava'u:
413 mm to 588 mm



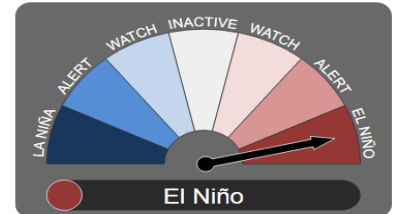
Ha'apai:
295mm to 437mm



'Eua:
334mm to 551mm



Tongatapu:
293mm to 438mm



A steady weakening trend in El Niño is evident in its oceanic indicators. Climate models indicate sea surface temperatures in the central tropical Pacific are expected to continue declining and are forecast to return to ENSO-neutral around April to June 2024.

Below average Average (usual) Above average

Table 2: Rainfall Outlook: April to June 2024

	Rainfall Outlook	Probability % Below average mm	Probability % Normal mm	Probability % Above normal mm
Niuafo'ou	Average to above average	31% (<491)	40% (491 - 650)	29% (>650)
Niuaotoputapu		32% (<425)	24% (425– 605)	44% (> 605)
Vava'u	Below average	57% (<413)	25% (413 - 588)	18% (>588)
Ha'apai		47% (<295)	34% (295 - 437)	19% (>437)
'Eua	Below average	66% (<344)	12% (344 - 511)	22% (>511)
Tongatapu		63% (<293)	11% (293– 438)	26% (>438)

The next Climate update will be issued second week of April 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.