



TUVALU MONTHLY AND SEASONAL OUTLOOK



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SUMMARY

- ENSO status has been moved to La Nina ALERT
- Rainfall outlook for Tuvalu predicted below normal for Tuvalu group during September 2022
- For September to October season, below normal rainfall is likely across the Tuvalu Group
- Below normal maximum air temperature are likely over east to north-western area of the group during September 2022, and as well as the September to November 2022 period
- Below normal minimum air temperature are likely over northern group during September 2022, and as well as the September to November 2022 period

EL-NINO SOUTHERN OSCILLATION (ENSO)



The El Nino-Southern Oscillation (ENSO) has been raised to La Nina Alert. This is due to both renewed cooling in the tropical Pacific Ocean as well as climate models indicating La Nina. Historically, when La Nina ALERT criteria have been met, La Ni-

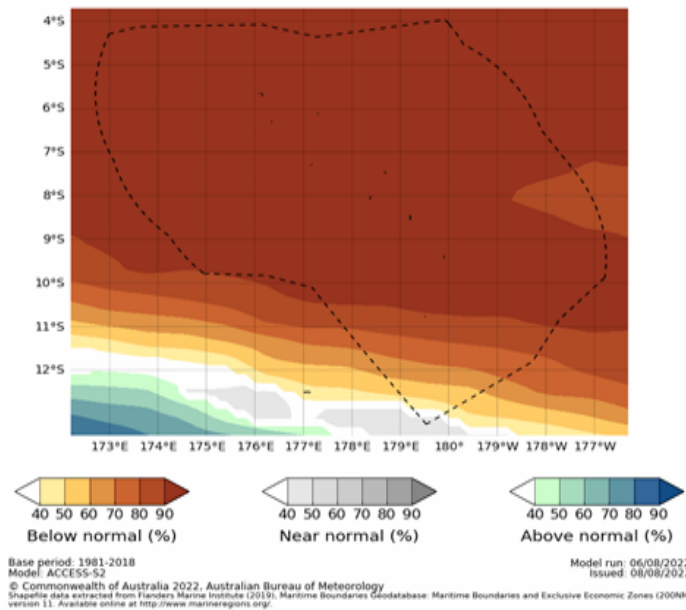
na has subsequently developed around 70% of the time; this is approximately triple the normal likelihood.

Central tropical Pacific seas surface temperatures (SSTs) have cooled over the past six weeks, while the sub-surface has also seen recent cooling. Some atmospheric indicators, such as the Southern Oscillation Index and cloudiness near the Date Line continue to show a La Nina-like signal.

RAINFALL OUTLOOK

SEPTEMBER 2022

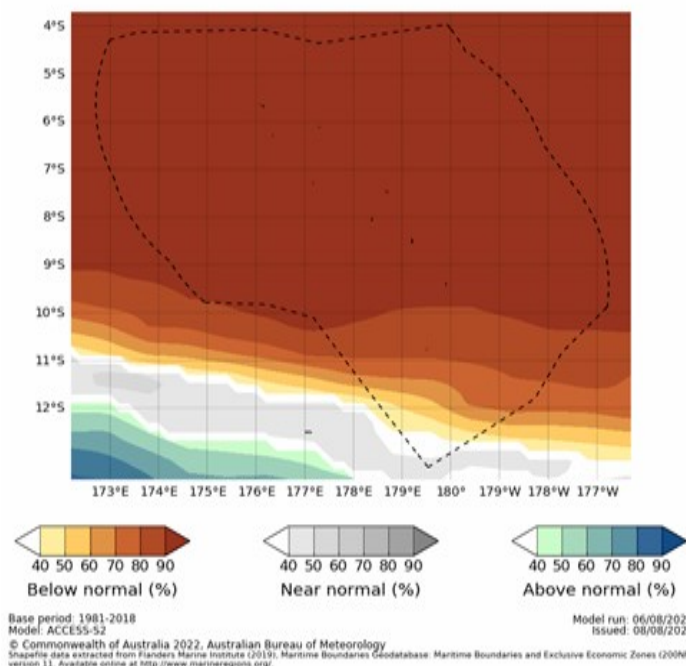
Tercile rainfall probabilities for
September 2022



The monthly rainfall outlook for September is very likely to be below normal across the country

SEPTEMBER TO NOVEMBER 2022

Tercile rainfall probabilities for
September to November 2022

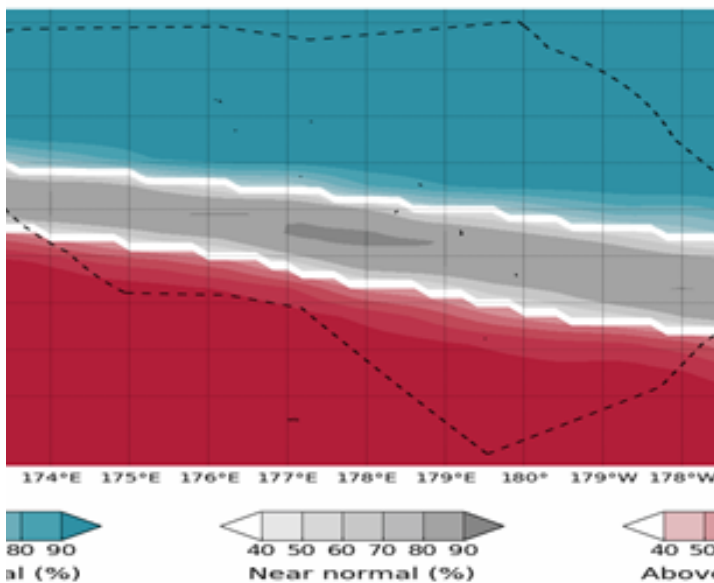


For the coming season September to November is very likely to be below normal across the country.

AIR TEMPERATURE OUTLOOK

SEPTEMBER 2022: MAXIMUM TEMPERATURE

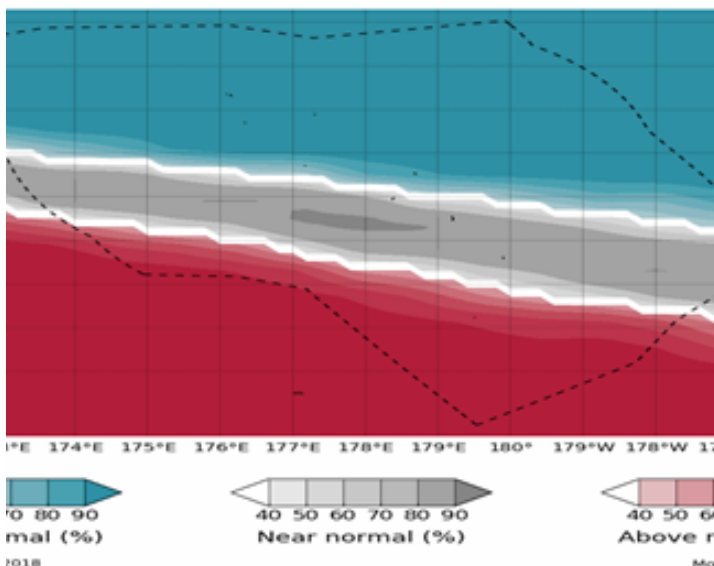
Tercile maximum temperature probabilities
September 2022



The monthly outlook for September, for maximum temperatures is below normal to the northern group, near normal the most likely at Nui to Funafuti, while Nukulaelae and Niulakita is very likely to experience above normal maximum temperatures.

SEPTEMBER TO OCTOBER 2022: MAXIMUM TEMPERATURE

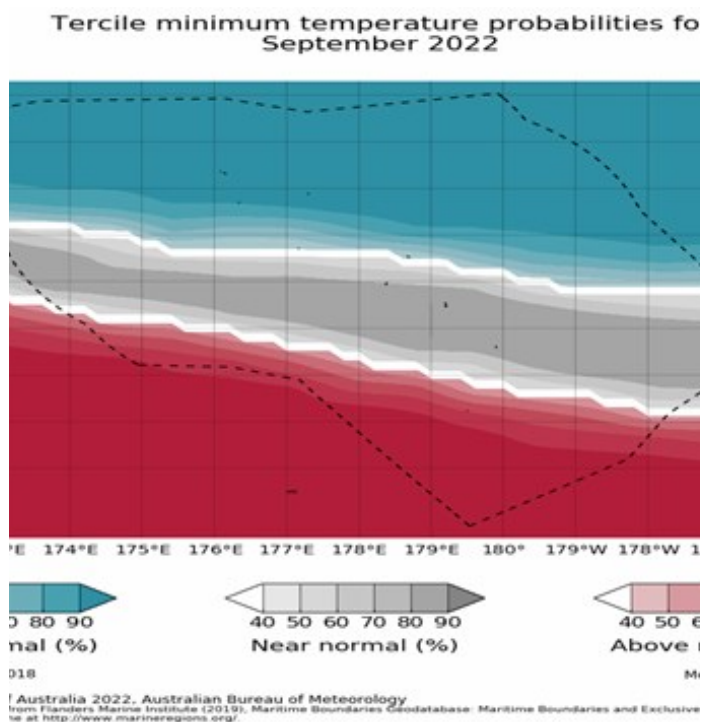
Tercile maximum temperature probabilities for
September 2022



For the coming season September to November show below normal the most likely for the northern group, near normal the most likely at Nui to Funafuti, while Nukulaelae and Niulakita is very likely to experience above normal maximum temperatures.

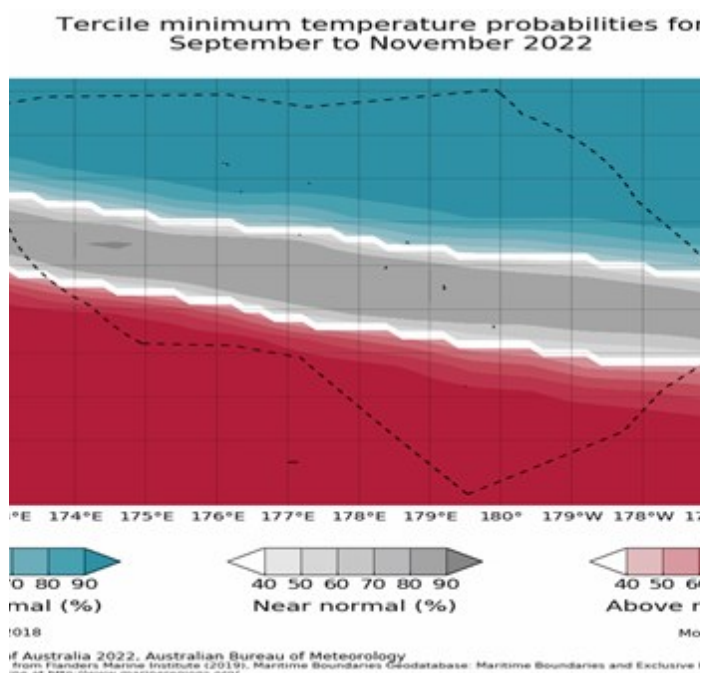
AIR TEMPERATURE OUTLOOK

SEPTEMBER 2022: MINIMUM TEMPERATURE



The monthly outlook for September for minimum temperatures shows below normal the most likely for the northern group, near normal the most likely at Nui to Funafuti, while Nukulaelae and Niulakita is very likely to experience above normal minimum temperatures.

SEPTEMBER TO NOVEMBER 2022: MINIMUM TEMPERATURE



For the coming season September to November show below normal the most likely for the northern group, near normal the most likely at Nui to Funafuti, while Nukulaelae and Niulakita is very likely to experience above normal minimum temperatures.