



TUVALU MONTHLY AND SEASONAL OUTLOOK

September To November

2023



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SUMMARY

- El Niño ALERT continues – El Niño remains likely
- Rainfall for September is likely to be above normal at Nanumaga, Nui, Nukulaelae and Niulakita, while it is likely to be near-normal at Nanumea, Niutao and Nukufetau. The outlook offers little guidance for Vaitupu and Funafuti.
- September to November rainfall is likely or very likely to be above normal across the whole country
- Maximum and Minimum temperature for September and average for September to November are very likely to be above normal.

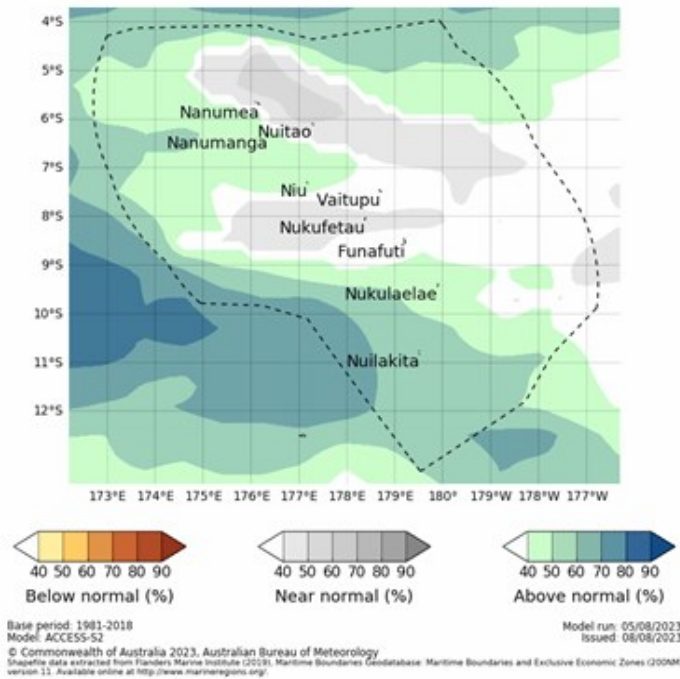
EI-NINO SOUTHERN OSCILLATION (ENSO)



- ♦ The ENSO Outlook remains at El Niño Alert, with El Niño development likely during the months of southern spring (September, October and November).
- ♦ Sea surface temperatures (SSTs) in the tropical Pacific are exceeding El Niño thresholds, with climate models indicating this is likely to continue at least through to early 2024.
- ♦ The past fortnight has seen a decrease in Southern Oscillation Index (SOI) values to moderate negative values (more El Niño-like).

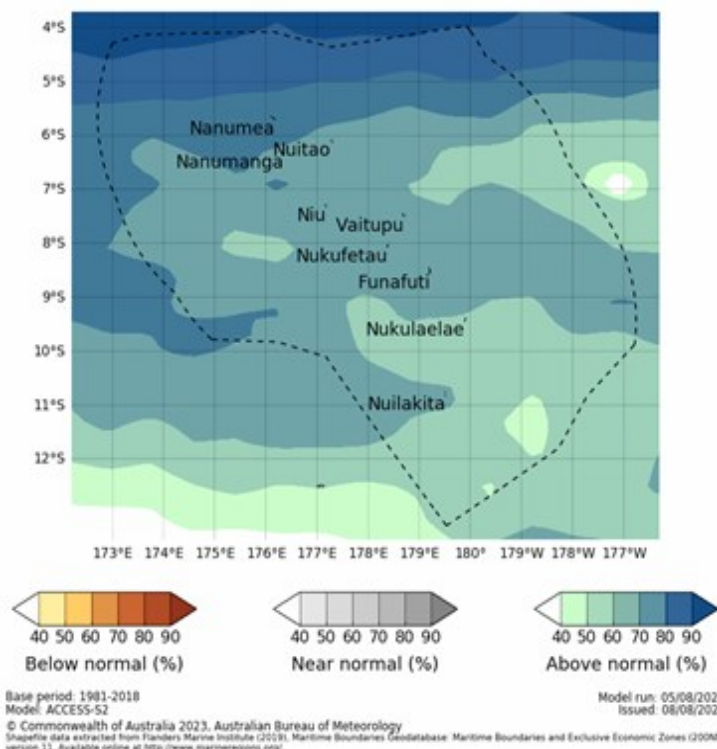
RAINFALL OUTLOOK

September 2023



Rainfall for September is likely to be above normal at Nanumaga, Nui, Nukulaelae and Niulakita, while it is likely to be near-normal at Nanumea, Niutao and Nukufetau. The outlook offers little guidance for Vaitupu and Funafuti.

AUGUST TO OCTOBER 2023

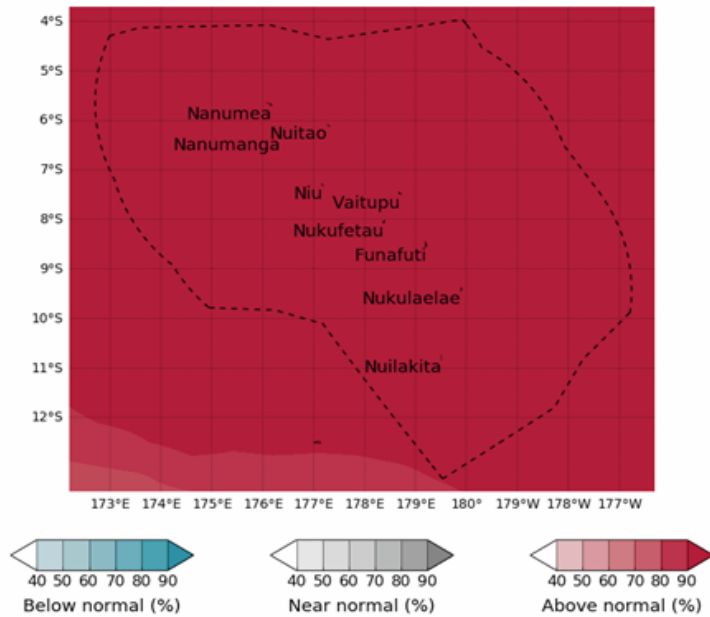


September to November rainfall is likely or very likely to be above normal across the whole country

AIR TEMPERATURE OUT-LOOK

Monthly and Seasonal Minimum Temperature

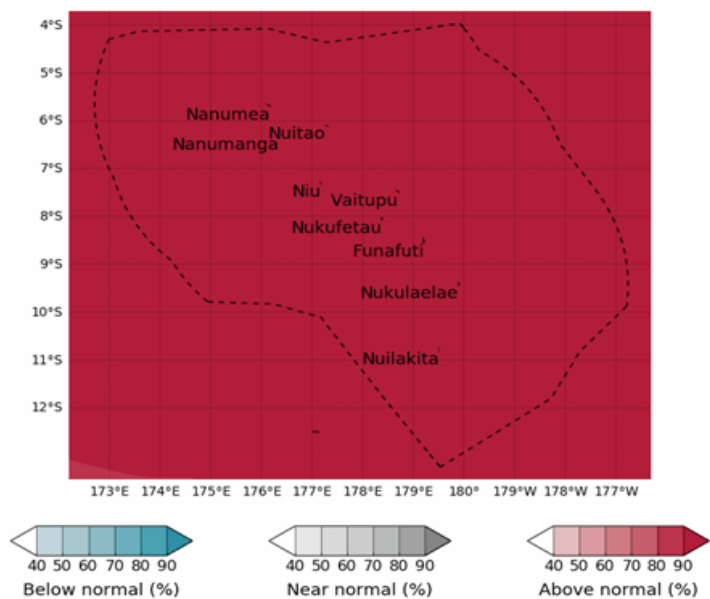
Tercile minimum temperature probabilities for September 2023



Above normal minimum air temperature is very likely over the whole country for September.

Base period: 1981-2018
 Model: ACCESS-S2
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 Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.maritimerregions.org/>
 Model run: 05/08/2023
 Issued: 08/08/2023

Tercile minimum temperature probabilities for September to November 2023



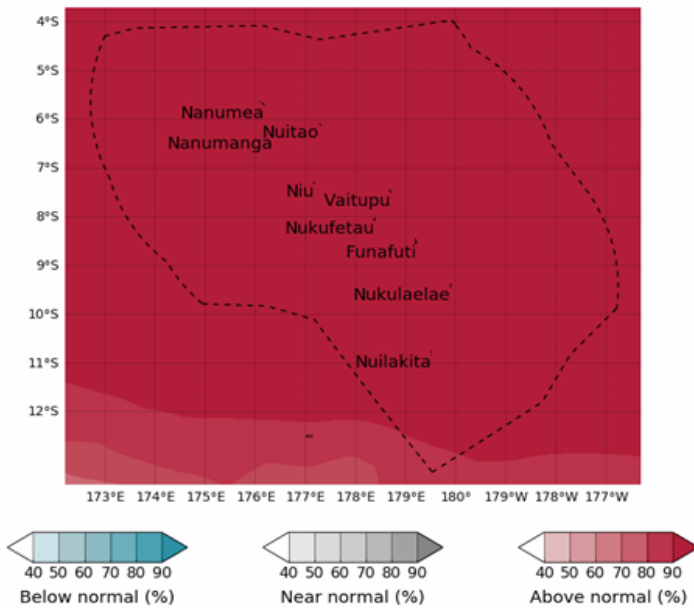
September to November, minimum air temperature is very likely to be above normal for the whole country.

Base period: 1981-2018
 Model: ACCESS-S2
 © Commonwealth of Australia 2023, Australian Bureau of Meteorology
 Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <http://www.maritimerregions.org/>
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AIR TEMPERATURE OUT-LOOK

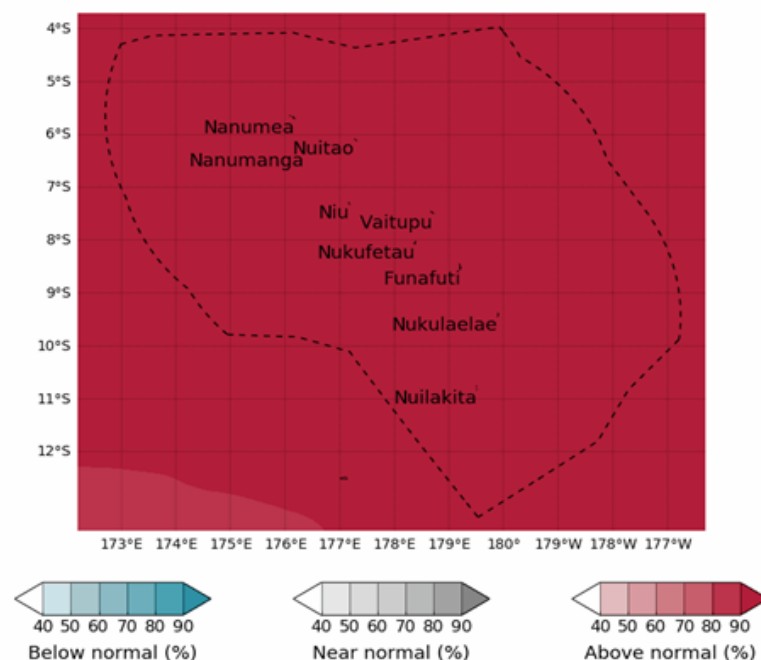
Monthly and Seasonal Maximum Temperature

Tercile maximum temperature probabilities for September 2023



Maximum temperature for September are very likely to be above normal for the whole group of Tuvalu

Tercile maximum temperature probabilities for September to November 2023



Maximum temperature for September to November are very likely to be above normal for the whole country.