



TUVALU MONTHLY AND SEASONAL OUTLOOK

AUGUST TO OCTOBER

2023



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SUMMARY

- **El Niño ALERT continues**
- **August rainfall outlook is likely to be above normal over the Northern, Central and Southern group, exception Vaitupu is likely to be Near normal and Offer little guidance for the Southern and Eastern part of Tuvalu EEZ including Niulakita.**
- **The three months outlook is likely or very likely to be above normal rainfall at the Northern, Central and the Southern group , except Niulakiita the outlook offer little guidance.**
- **Maximum and Minimum temperature for August and average for August to October are very likely to be above normal.**

EI-NINO SOUTHERN OSCILLATION (ENSO)



◆ The ENSO Outlook remains at El Niño Alert. When El Niño Alert criteria have been met in the past, an El Niño event has developed around 70% of the time.

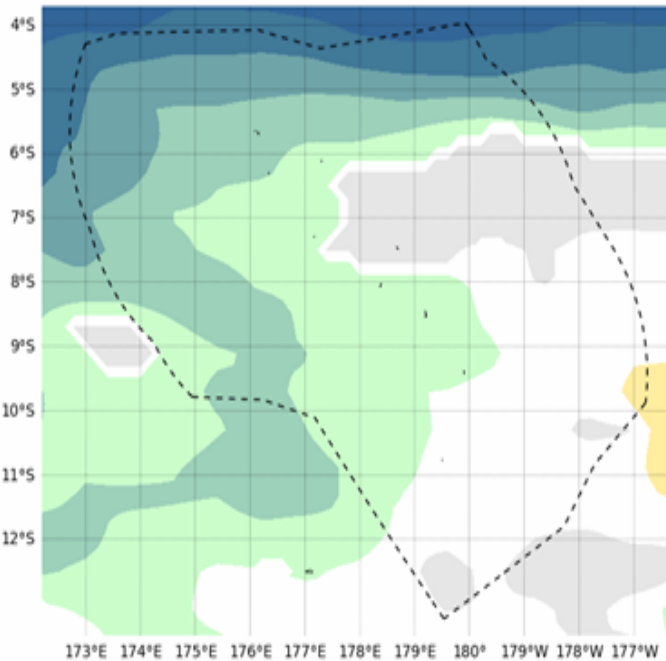
◆ Central and eastern Pacific sea surface temperatures (SSTs) are exceeding El Niño thresholds. Models indicate further warming is likely, with SSTs remaining above El Niño thresholds until at least the end of the year.

◆ The past month has seen the Southern Oscillation Index (SOI) shift back to neutral levels, with the 30-day

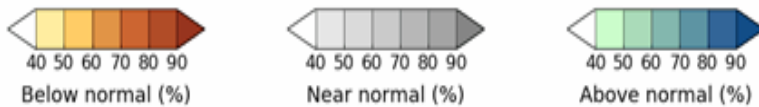
SOI at +4 for the 30 days ending 16 July. Sustained changes in wind, cloud and broad-scale pressure patterns towards El Niño have not yet been observed. This means the Pacific Ocean and atmosphere have yet to become fully coupled, as occurs during El Niño events.

RAINFALL OUTLOOK

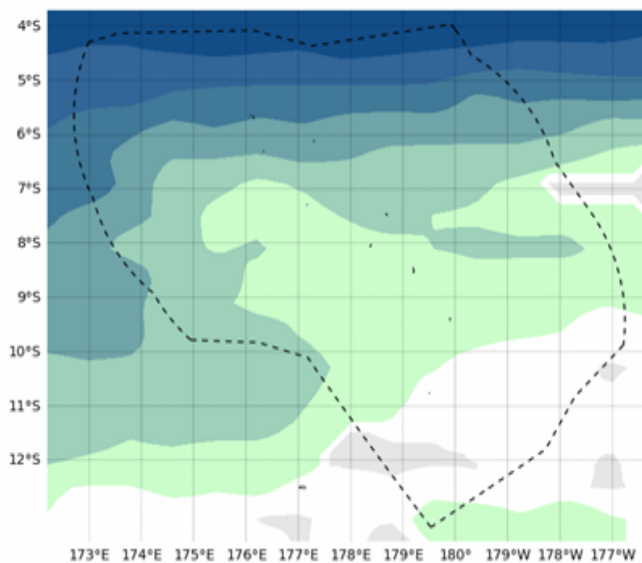
AUGUST 2023



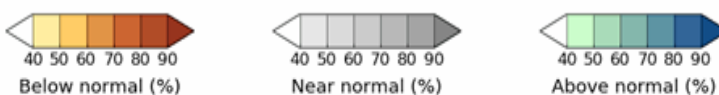
August rainfall outlook is likely to be above normal over the Northern, Central and Southern group, exception Vaitupu is likely to be Near normal and Offer little guidance for the Southern and Eastern part of Tuvalu EEZ including Niulakita.



AUGUST TO OCTOBER 2023



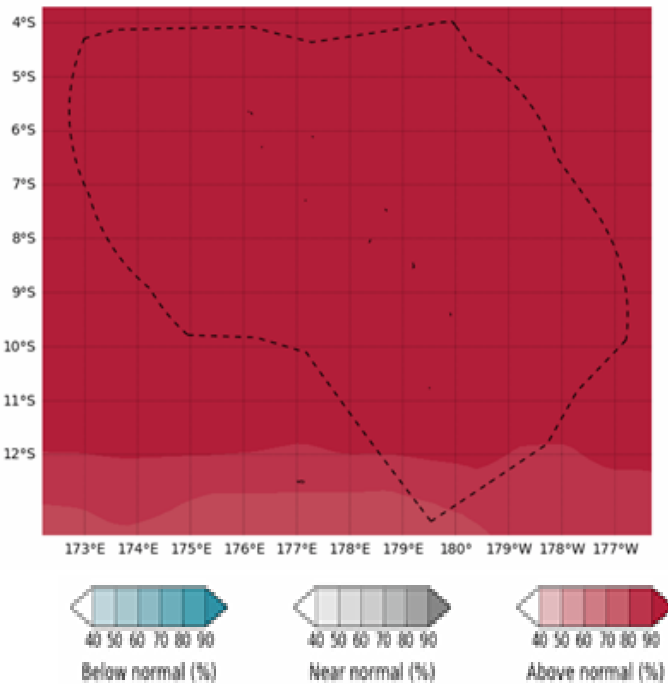
The rainfall for August to October is likely to be above normal over the northern, central and southern group of Tuvalu, except in Niulakita the outlook offers little guidance for the Southern part of Tuvalu's



AIR TEMPERATURE OUT-LOOK

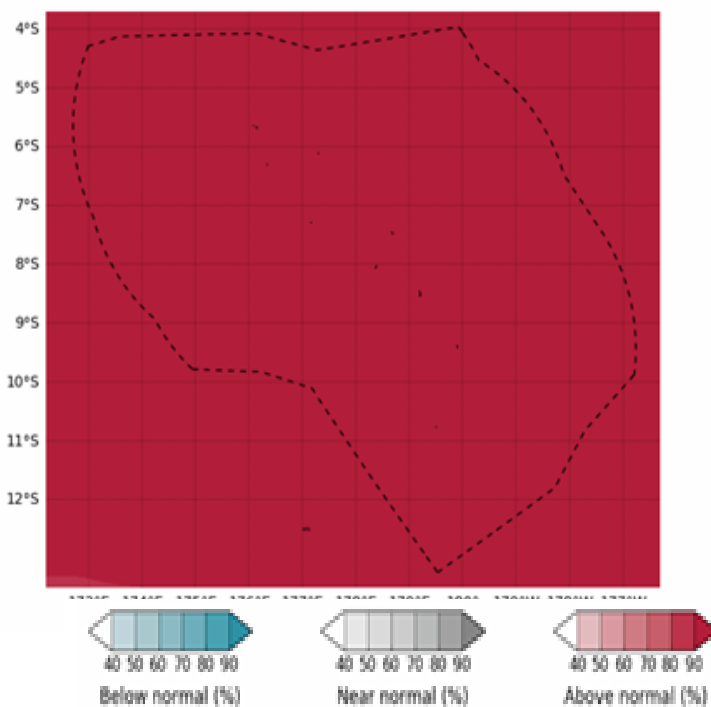
Monthly and Seasonal Minimum Temperature

Tercile minimum temperature probabilities for August 2023



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

Tercile minimum temperature probabilities for August to October 2023

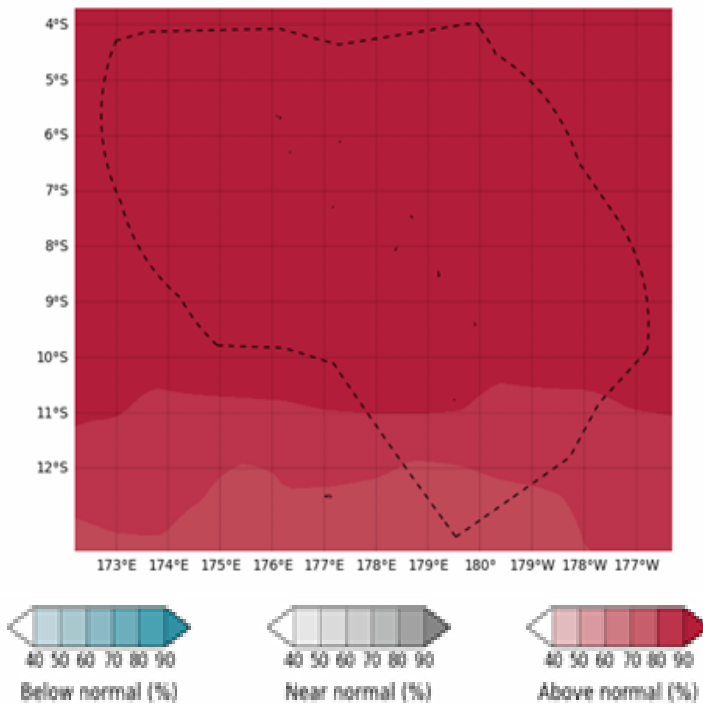


August to October, minimum air temperature is very likely above normal for the whole country.

AIR TEMPERATURE OUT-LOOK

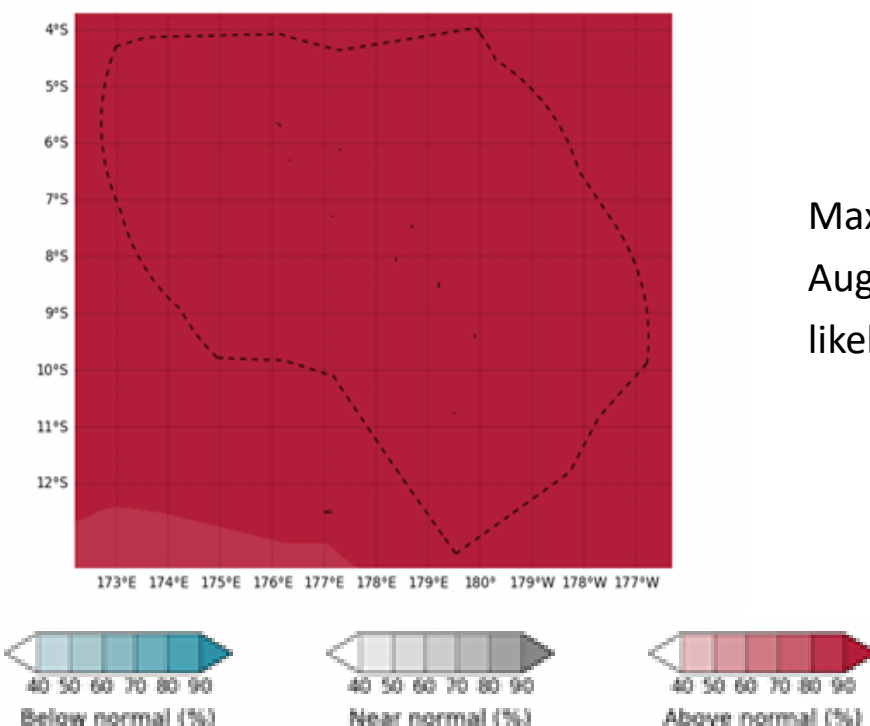
Monthly and Seasonal Maximum Temperature

Tercile maximum temperature probabilities for August 2023



Maximum temperature for August are very likely for the whole group

Tercile maximum temperature probabilities for August to October 2023



Maximum temperature for August to October are very likely for the whole country.