



Tuvalu Ocean Outlook



Tuvalu Meteorological Service
Member of WMO

Contacts:

General: 20736

Email: tuvmet@gmail.com

Website: www.tuvmet.tv

Issue Outline:

- Ocean Summary
- Ocean Temperature
- Fisheries Convergence Zone
- Coral Bleaching
- Sea Level Forecast

Climate Status:

ENSO Update



Contributors:

- Pacific Ocean Portal
oceanportal.spc.int
- Bureau of Meteorology-
ENSO Wrap-up:
<http://www.bom.gov.au/climate/enso/>
- WMO GPSC(Global Produce Center) for Long-Range Forecasts
- ACCESS-S Clide
access-s.clide.cloud

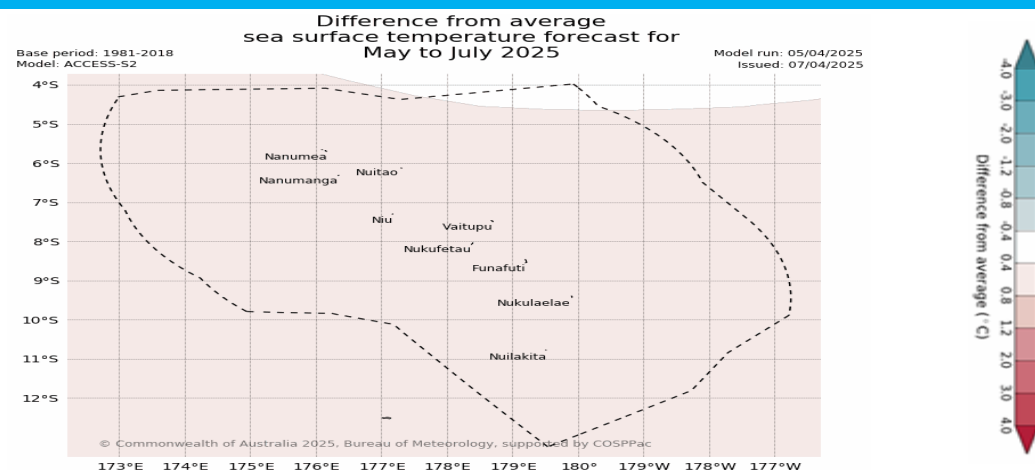
Issue: 36

Summary

April 2025

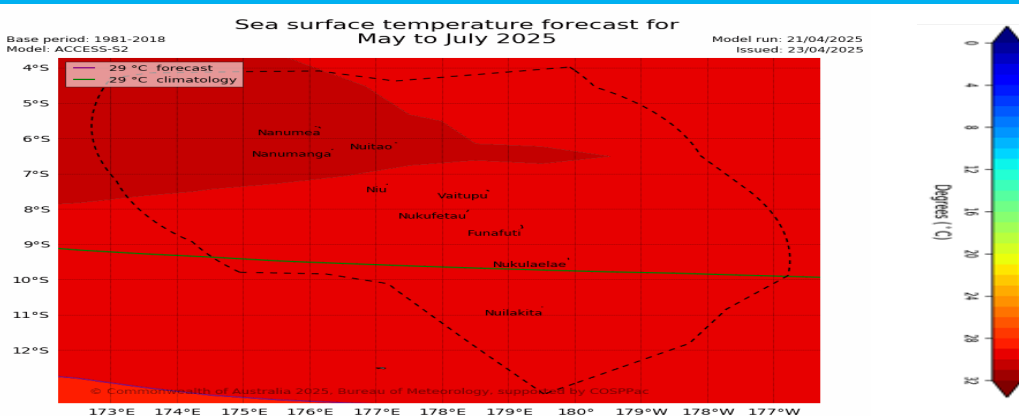
- Above normal SST 's conditions in the next 3 months over Tuvalu open waters.
- The Fisheries Convergence Zone (FCZ) is expected of its climatology position at Southern part of Tuvalu EEZ in the next three months (May to July 2025).
- Coral Bleaching Outlook predicted to be Warning for Tuvalu open waters.
- Near Normal to below normal SSH's are predicted for the next three months May to July 2025 over Tuvalu.

Sea Surface Temperature Forecast Anomaly



Averaged over May to July 2025, sea surface temperatures around Tuvalu are predicted to be 0.4 to 0.8°C above normal.

Sea Surface temperature forecast with Fisheries Convergence Zone



The Fisheries Convergence Zone (FCZ) is forecast for the month of May to July 2025 to be position to the southern parts Tuvalu of its climatology position, which is average position of the FCZ in 37 years (1981 to 2018). Fisheries Convergence Zone is where the cooler, nutrient rich water meet the warm water of the Western Pacific warm pool. Tuna particularly skipjack tuna are known to move with the EEZ and with the nutrient rich zone, abundant number of school fish could be found here.

¹ Fisheries Convergence Zone is different from South Pacific Convergence Zone.

