



Tuvalu Ocean Outlook



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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

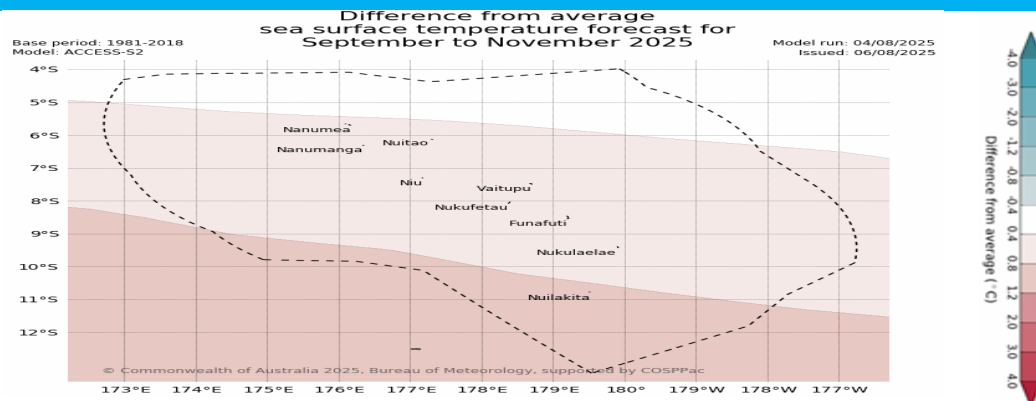
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Summary

August 2025

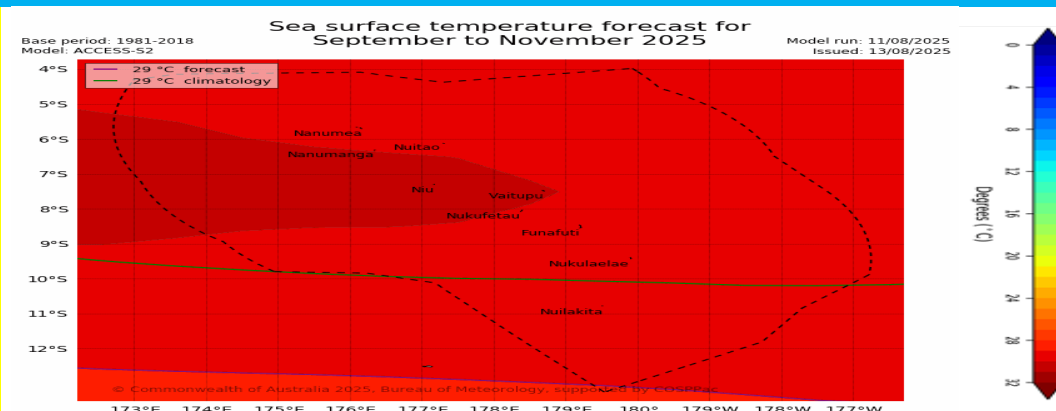
- Near normal to above normal SST 's conditions in the next 3 months over Tuvalu open waters.
- The Fisheries Convergence Zone (FCZ) is expected of its climatology position at Southern part of its climatological position across Tuvalu EEZ in the next three months (August to October 2025).
- Coral Beaching Outlook predicted to be No thermal stress for Tuvalu open waters.
- Near normal to below normal SSH's are predicted for the next three months August to October 2025 over Tuvalu.
- Lowest tide of the year will be peaked on 08th September 2025 at 11:13 am local time.

Sea Surface Temperature Forecast Anomaly



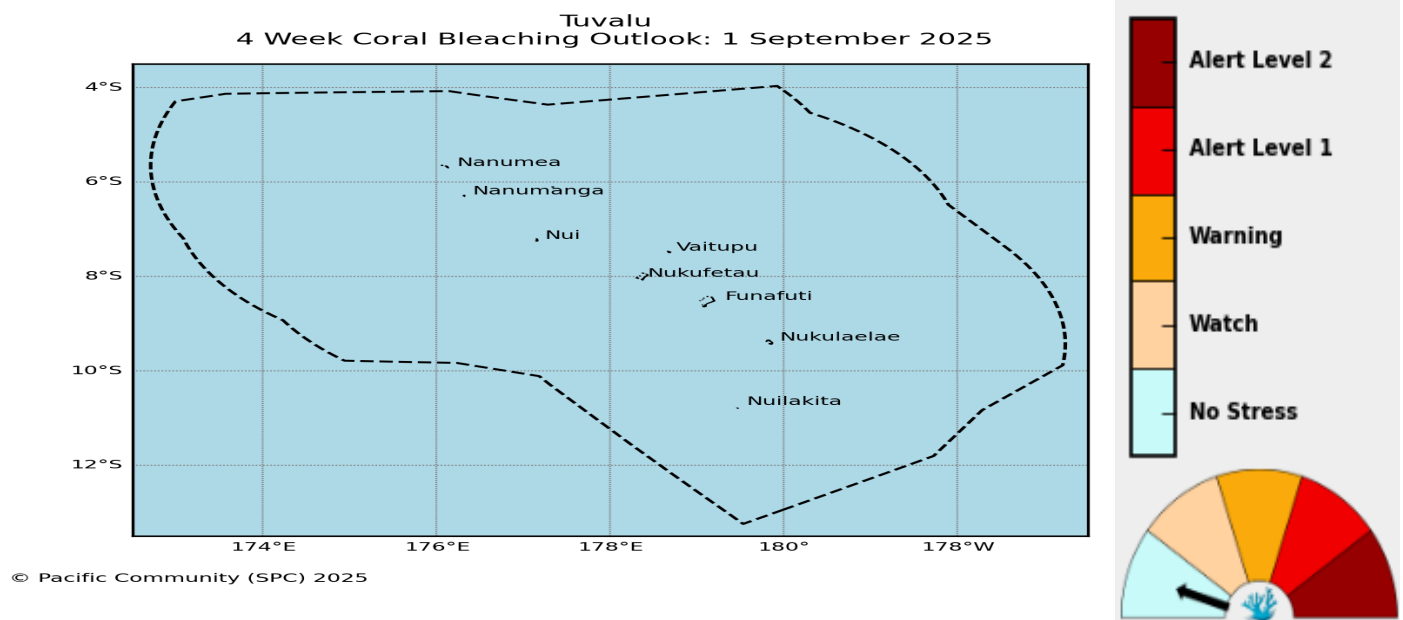
Averaged over September to November, Sea Surface Temperatures around Tuvalu are predicted to be 0.4 to 1.2°C above normal, excepts far northern side Tuvalu EEZ where SSTs is predicted to be near normal.

Sea Surface temperature forecast with Fisheries Convergence Zone



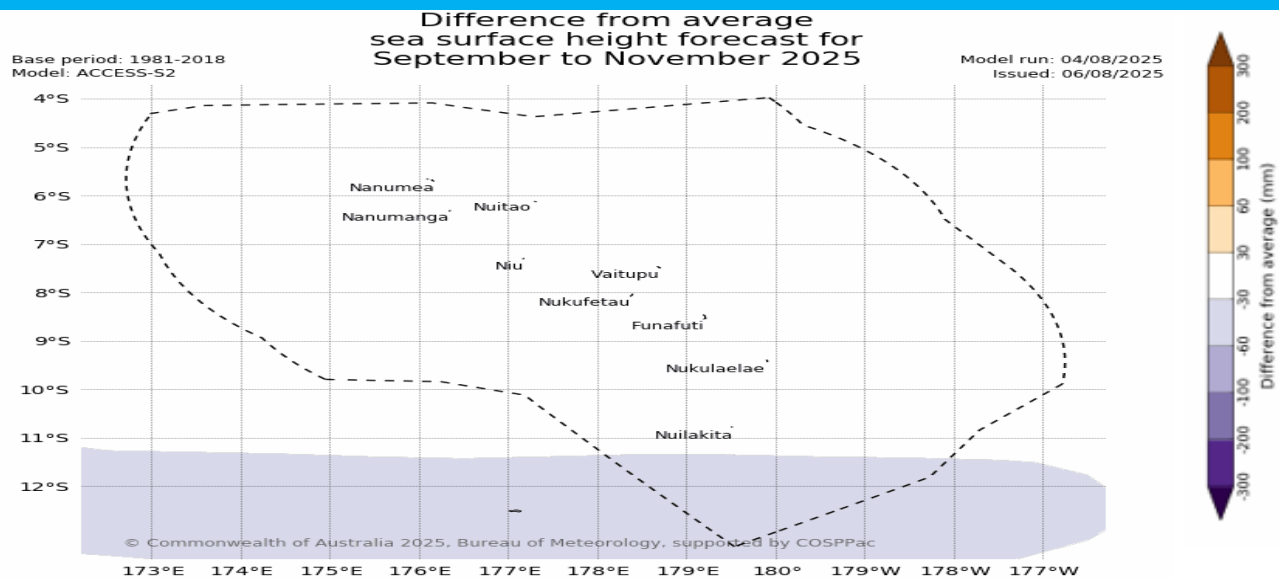
The Fisheries Convergence Zone (FCZ) is forecast for the month of **September to November** 2025 to be position in southern group of its climatology position, which is average position of the FCZ in 37 years (1981 to 2018). Fisheries Convergence Zone is where the cooler, nutrient rich water meet the 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.



Coral Bleaching outlook next four weeks indicates No thermal stress over Tuvalu until 1st September 2025.

Seasonal Sea Level Forecast



Averaged September to November Sea levels around Tuvalu are predicted to be -30 to 30mm near normal.

Funafuti Highest and Lowest Tide from September to November 2025

Date	Time(LT)	Tide Level(m)
08/09/25	04:58	3.08
08/09/25	11:13	1.04
07/10/25	23:05	1.05
08/10/25	17:30	3.15
05/11/25	16:28	3.18
05/11/25	22:49	1.05

The highest (spring tide) and lowest tides of the month during **September to November 2025** are listed in the table on the left. As an important information the lowest tide for this year 2025 will be peaked on 8th September 2025, highlighted blue in the table.

(NB) For out islands refers to your own tide calendar provided by the Tuvalu Meteorological Service or utilize the Tide Apps available on Play-Store.

The predicted tide levels may be different from the observed tide levels due to weather phenomenon such as low/high pressure systems; South Pacific Convergence Zone (SPCZ); El Nino Southern Oscillation (ENSO) - El Nino/La Nina.

The higher tide level coupled with higher than normal sea levels for Tuvalu could cause inundation low lying areas. For preparedness, coastal communities should be caution at all times, as higher tide level could caused result in serious inundation if coincides with a meteorological system, which may have impact on agriculture, infrastructure and daily activities.