



**Tuvalu Meteorological Service**  
**Member of WMO**

**Contacts:**

**General: 20736**

**Email: [tuvmet@gmail.com](mailto:tuvmet@gmail.com)**

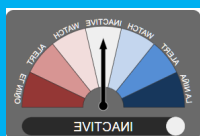
**Website: [www.tuvmet.tv](http://www.tuvmet.tv)**

## Issue Outline:

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

### Climate Status:

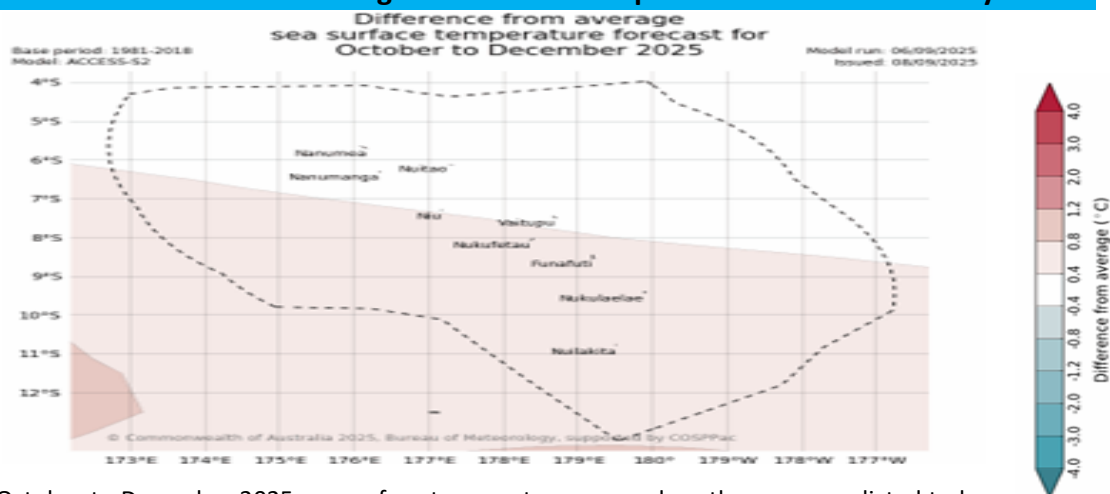
## ENSO Update



### Contributors:

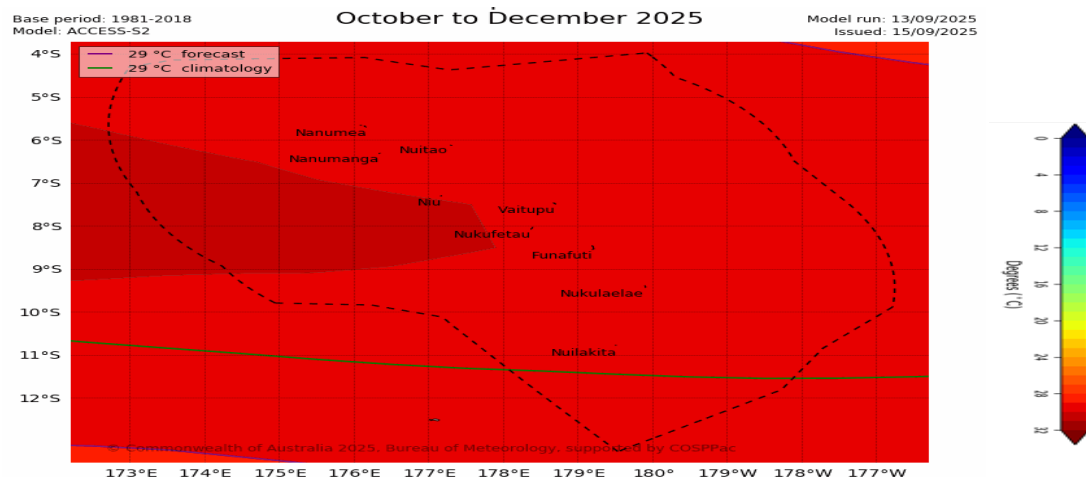
- Pacific Ocean Portal  
oceanportal.spc.int
- Bureau of Meteorology-  
ENSO Wrap-up:  
[http://www.bom.gov.au/  
climate/enso/](http://www.bom.gov.au/climate/enso/)
- WMO GPSC(Global Produce  
Center) for Long-Range  
Forecasts
- ACCESS-S Clide  
[access-s.clide.cloud](http://access-s.clide.cloud)

### Difference from average Sea Surface Temperature Forecast Anomaly



October to December 2025 sea surface temperatures around northern are predicted to be – 0.4 to 0.4 near normal, while 0.4 to 0.8 above normal over central and southern groups.

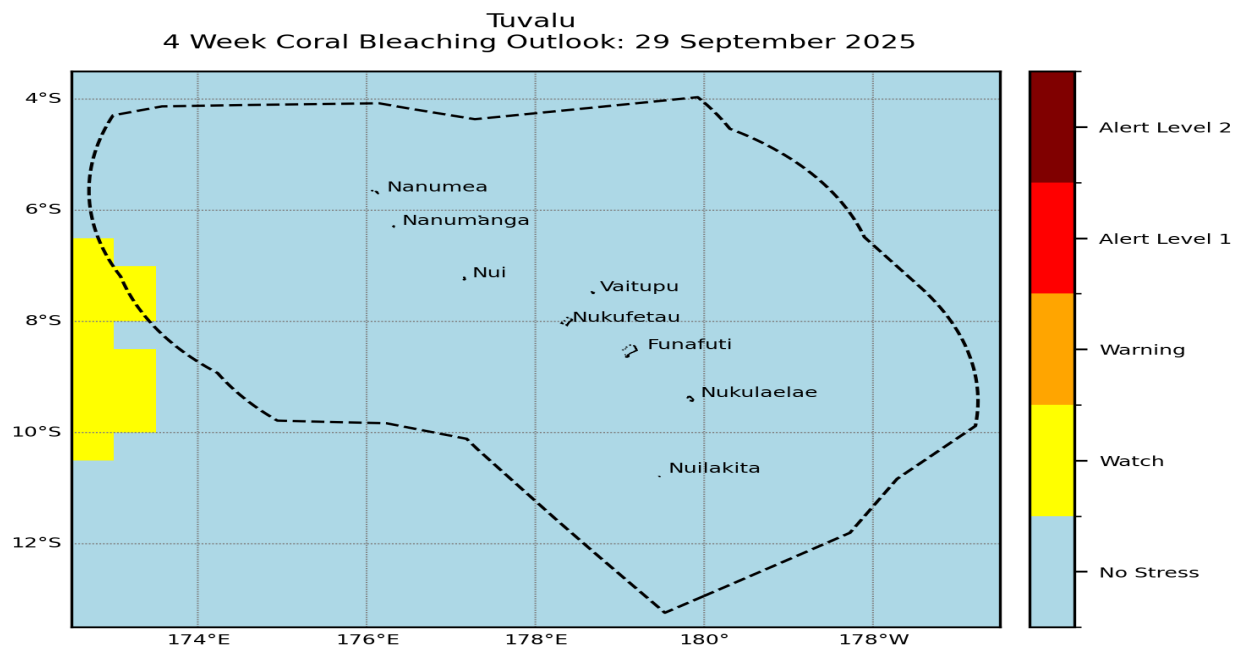
## Sea Surface temperature forecast with Fisheries Convergence Zone



The fisheries convergence zone is forecasted for the months of October to December 2025 to be positioned southern of Tuvalu EEZ 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 FCZ and with the nutrient rich zone, a number of fish species could be found here.

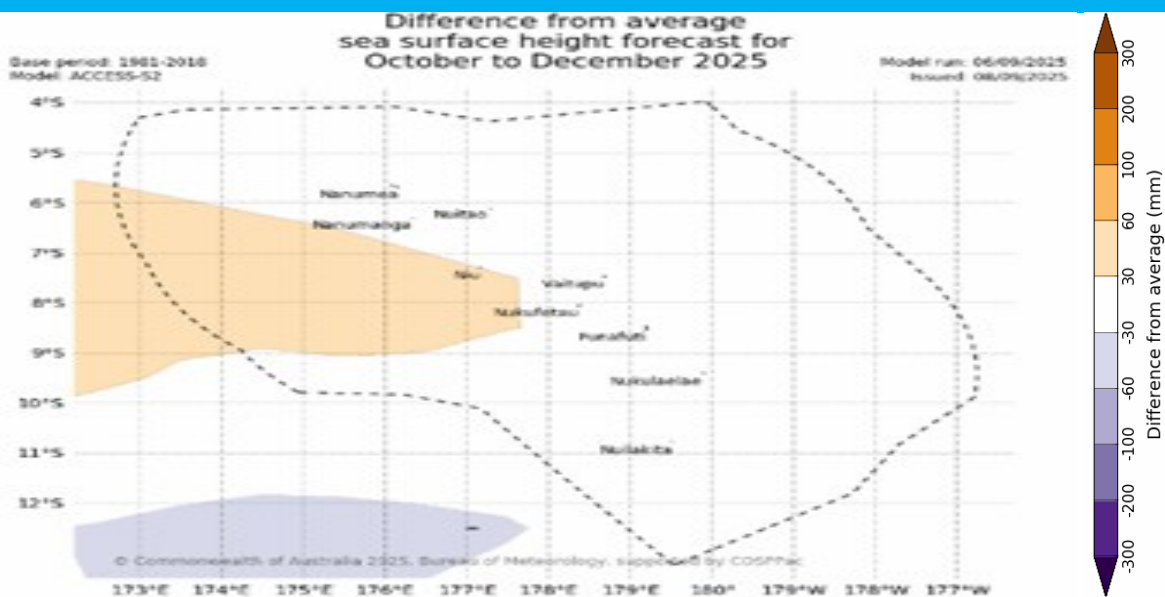
<sup>1</sup> Fisheries Convergence Zone is different from South Pacific Convergence Zone.

## Coral Bleaching Outlook (4 weeks)



The Coral Bleaching Outlook for the next four weeks indicates No stress across the country.

## Difference from Average Seasonal Sea Level Forecast Anomaly



Averaged over October to December 2025 sea levels around Tuvalu are predicted to -30 to 30mm near normal. for the northeast-central parts including Nanumaga and Nui are predicted to 30 to 60mm above normal.

## Highest and Lowest Tide from October to December 2025

Date	Time(LT)	Tide Level (m)
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
05/12/25	17:01	3.16
05/12/25	23:32	1.08

The highest (spring tide) and lowest tides of the month during **October to December 2025** are listed in the table on the left. (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 levels coupled with higher than normal sea levels for Tuvalu could cause inundation in low lying areas. For preparedness, coastal communities should be cautious at all times, as higher tide level could result in serious inundation if coincides with a meteorological system, which may have impacts on agriculture, infrastructures, and daily activities.

<sup>1</sup> Fisheries Convergence Zone is different from South Pacific Convergence Zone.