



# SOLOMON ISLANDS GOVERNMENT

## METEOROLOGICAL SERVICES DIVISION

MINISTRY OF ENVIRONMENT CLIMATE CHANGE DISASTER MANAGEMENT AND METEOROLOGY



# Solomon Islands Ocean Bulletin

Issue no. 33 Issue date: 17<sup>th</sup> September 2025

### ISSUE OUTLINE:

Ocean Summary

Sea Surface Temperature

Coral Bleaching

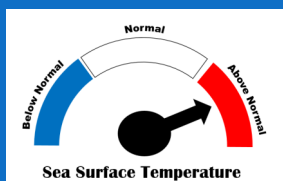
Convergence Zone

Sea Level Prediction

Climate Status:

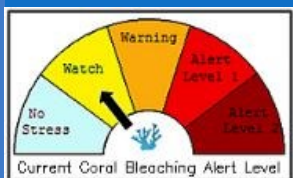
### ENSO Update

ENSO remains in Neutral condition.



Sea Surface Temperature

### Coral Bleaching Outlook



### Ocean Summary:

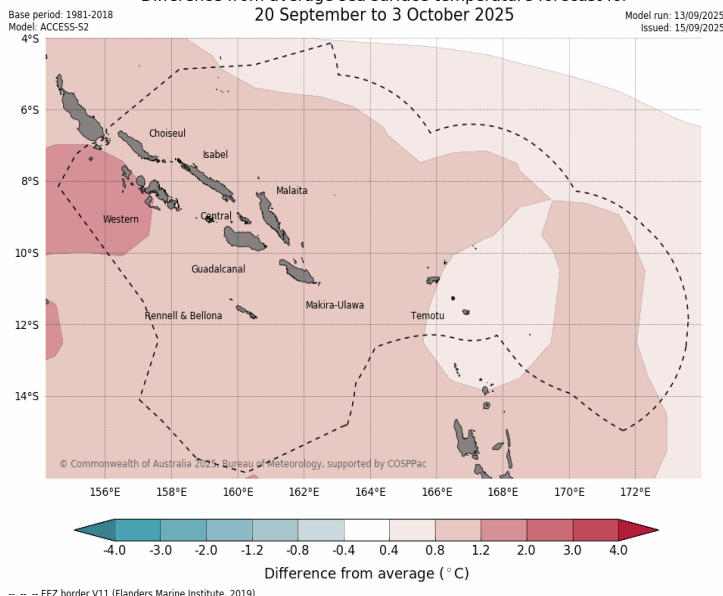
- Higher than normal Sea Surface Temperature (SSTs) persisted over our waters.
- Coral bleaching is at **'WATCH' level** remained as in the last season.
- Convergence zone located over the country within our EEZ.
- Lower than normal to higher than normal average Sea Surface Heights (SSHs).

### SEA SURFACE TEMPERATURE (SST):

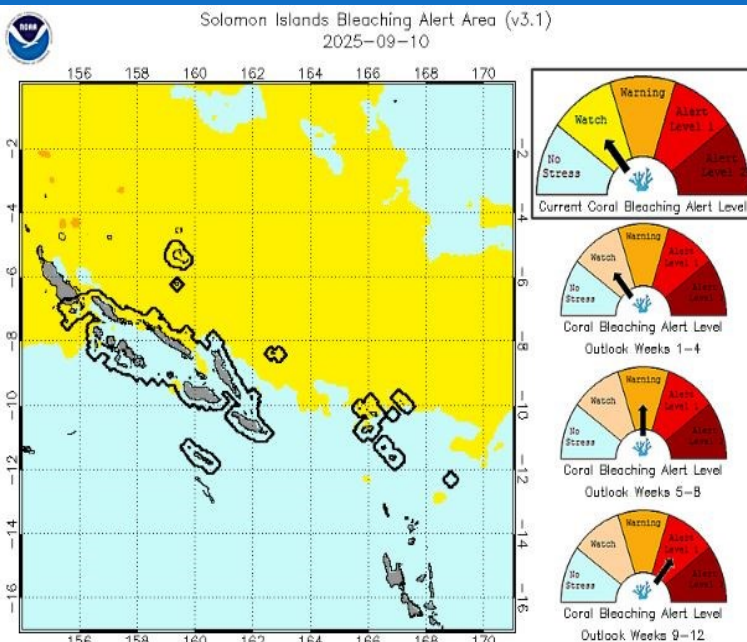
The coming 2-weeks starting 20th September to 03rd October 2025 favoured above average SSTs. Temotu waters predicted the average SSTs between  $-0.40^{\circ}\text{C}$  to  $0.4^{\circ}\text{C}$ , while most waters of the country favoured above average SSTs of  $0.8^{\circ}\text{C}$  and  $1.2^{\circ}\text{C}$  SSTs in the Southwest waters of Western.

This forecast favoured good breeding and feeding grounds for pelagic fish and tuna over all waters of the country. We expect more tuna stocks and catches in our waters.

Difference from average sea surface temperature forecast for 20 September to 3 October 2025



### CORAL BLEACHING:



Coral Bleaching is at **"Watch Level"**.

The waters surrounding our main Islands showing **No Stress Level**. However, warming at **Watch level** favouring northern waters of Temotu Islands, Isabel and Choiseul Islands.

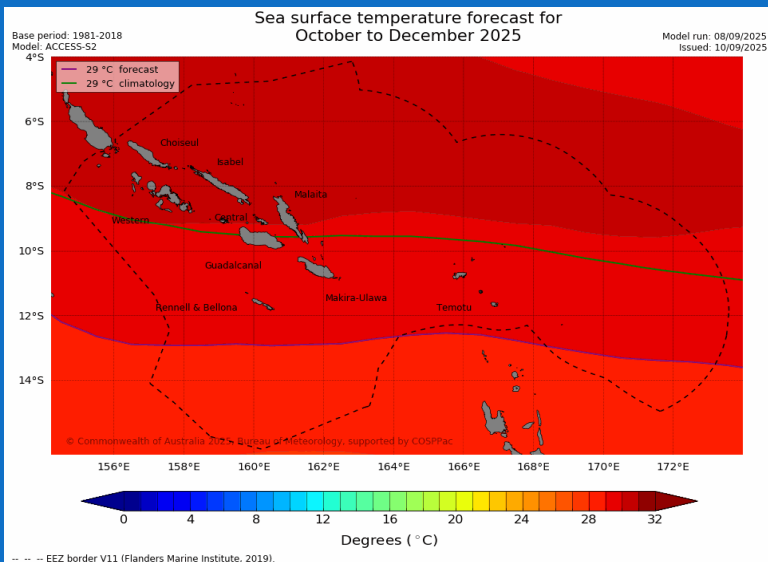
This forecast shows increasing levels of bleaching. The coming 1-4 weeks predicted **Watch level**, 5-8 weeks favoured **Warning Level** and 9-12 weeks at **Alert Level 1**-a risk of reef-wide bleaching.

## CONVERGENCE ZONE:

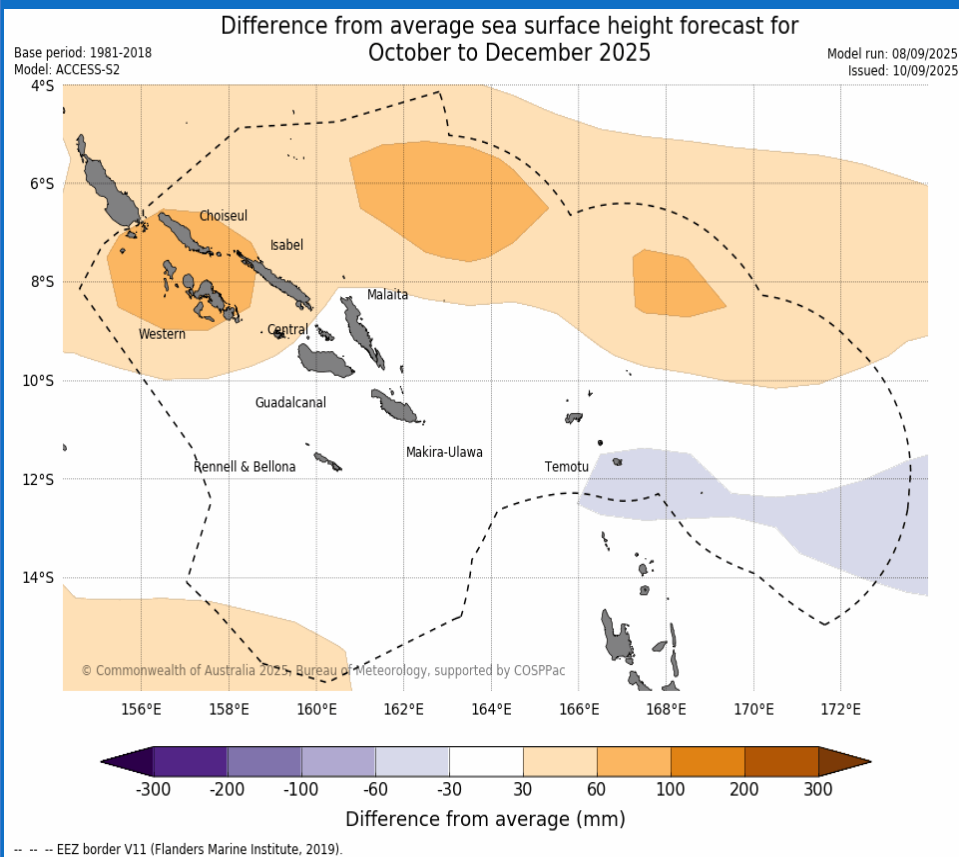
The fishing hotspot (convergence zone) for tuna and pelagic fish for the coming season, October to December 2025 the green line lies over the country within our EEZ.

This fishing zone indicates fish catchment is within our exclusive economic zone (EEZ)

More update will be issued on next month's bulletin.



## SEA LEVEL PREDICTION:



### October— December 2025:

The upcoming season predicted average sea surface heights (SSHs) between -30 to 60mm. Lower than average SSHs are likely for some parts of Temotu waters in the east, Makira, Guadalcanal, Central, and Malaita waters will experience average SSHs, and Isabel, Western, and Choiseul will have above average SSHs.

This forecast suggests that western regions may experience increased wind-waves and elevated tides, whereas central and eastern regions are likely to have normal sea level heights.

However, locals are urged to take safety precautions at all times while at sea to prevent loss of life and property.

### For more Information Contact:

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