



SOLOMON ISLANDS GOVERNMENT

METEOROLOGICAL SERVICES DIVISION

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE, DISASTER MANAGEMENT AND METEOROLOGY



Solomon Islands Ocean Bulletin

Issue no. 28 Issue date: 14th April, 2025

ISSUE OUTLINE:

Ocean Summary

Sea Surface Temperature

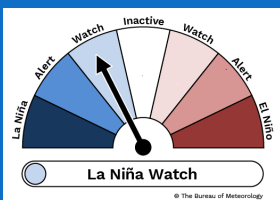
Coral Bleaching

Convergence Zone

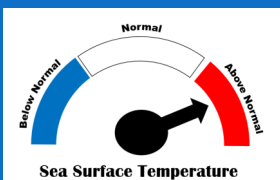
Sea Level Prediction

Climate Status:

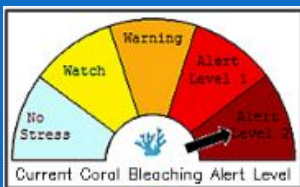
ENSO Update



Sea Surface Temperature



Coral Bleaching Outlook



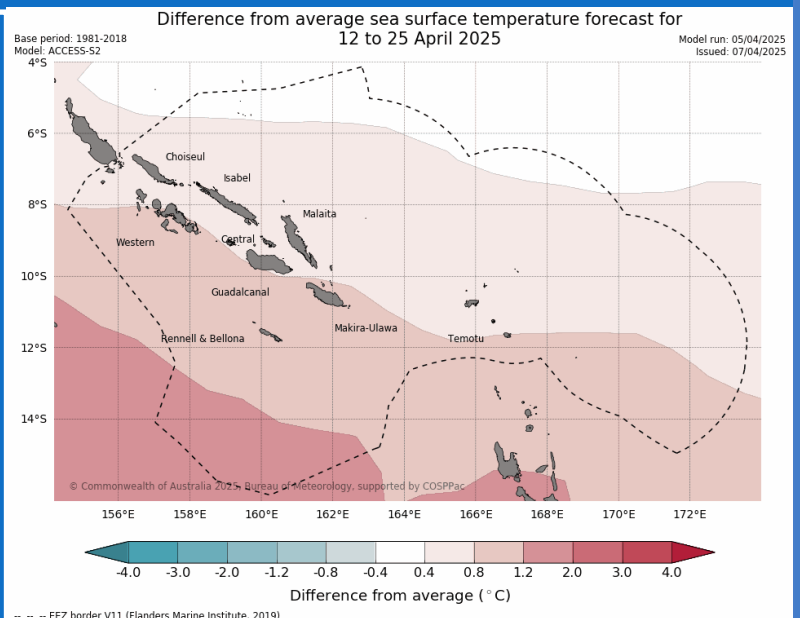
Ocean Summary:

- A slightly higher than normal Sea Surface Temperature (SST) remains.
- Coral bleaching is at "Alert" level 2.
- Convergence zone located entirely within our EEZ.
- Near-normal to above normal sea surface height over most parts of the country.

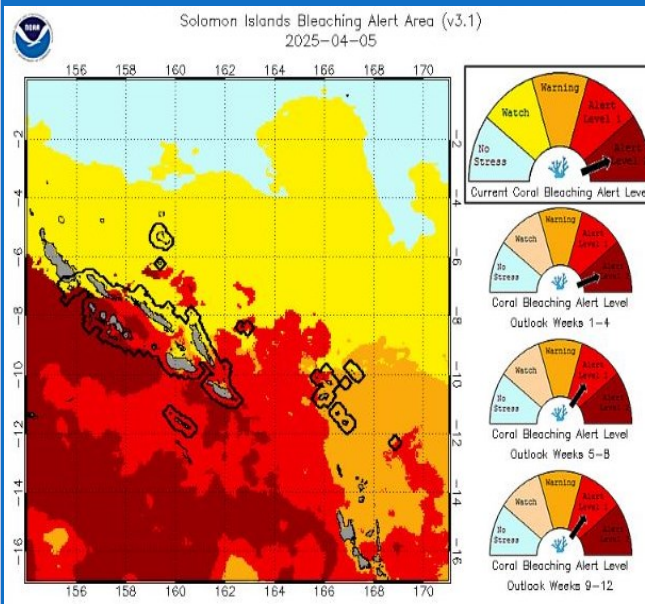
SEA SURFACE TEMPERATURE (SST):

The SST forecast for the period from April 12th to 25th, 2025, indicates slightly elevated sea surface temperatures ranging from 0.4 to 1.2°C across the country's waters.

These warmer waters create favorable conditions for the breeding and feeding of pelagic fish and tuna.



CORAL BLEACHING:



Coral Bleaching is currently at "Alert" level 2.

The majority of the waters around main islands favoured "Alert level 1," except for those surrounds Western Islands, which are at Alert Level 2, and Temotu, which is forecasted to be at a Warning level.

The waters around Malaita, Isabel, and Choiseul are expected to be at Watch level, with a high likelihood of warming at "Alert" levels 1 and 2, as warmer waters are moving towards the northwest of the country.

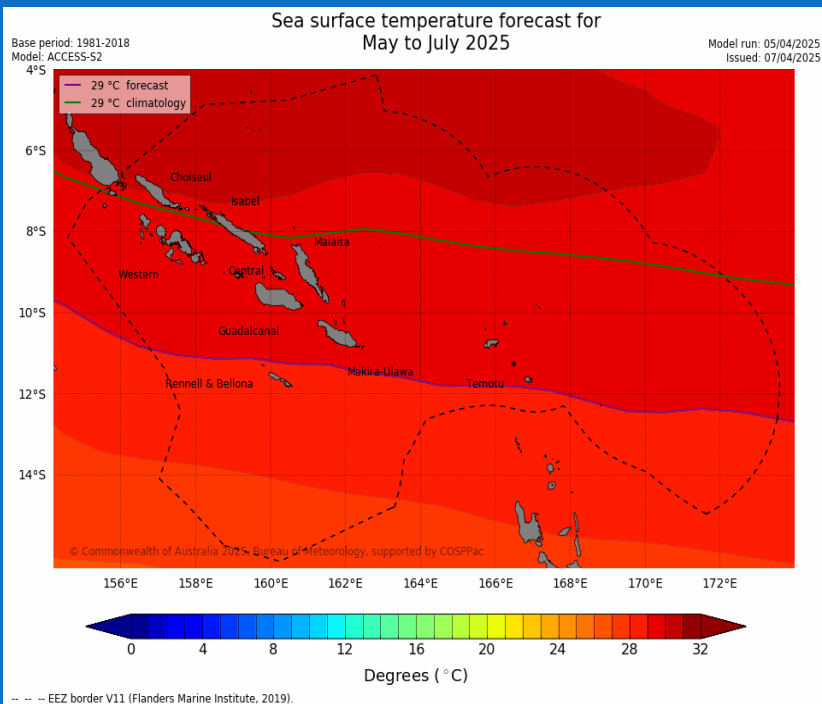
The next four weeks are expected to continue at "Alert" level 2, and from weeks 5 to 12, it is anticipated to drop back to Alert Level 1.

CONVERGENCE ZONE:

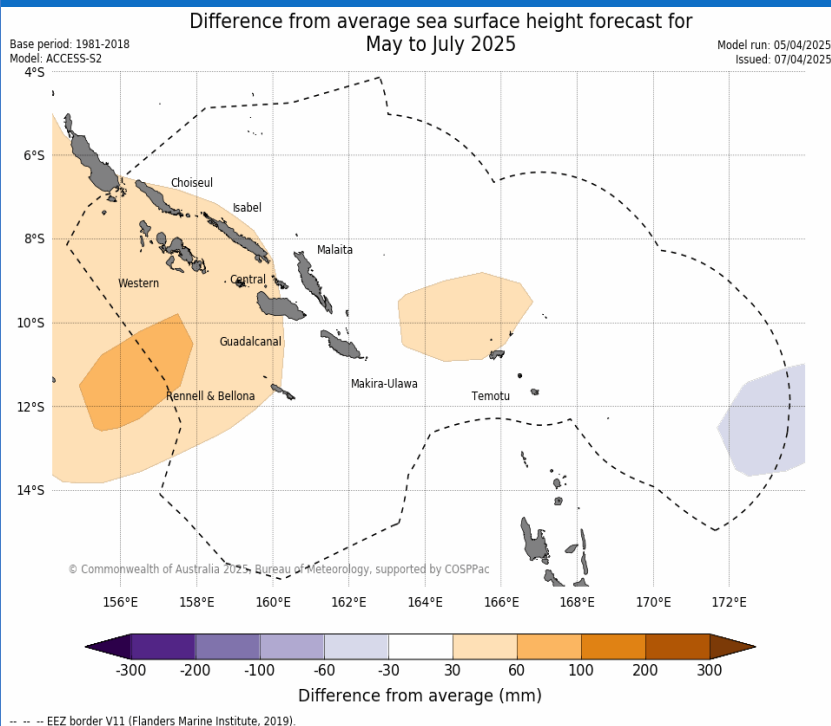
The convergence zone for tuna and pelagic fish for the upcoming season, from May to July 2025 (represented by the green line), is situated entirely within our Country.

This fishing zone shows that the fish catchment area falls within our exclusive economic zone (EEZ). We anticipate a rise in tuna stocks and catchment under these circumstances.

Further updates will be provided in next month's bulletin.



SEA LEVEL PREDICTION:



May-July 2025:

The upcoming three months are expected to see sea surface heights ranging from 60mm to 100mm above average in the western and central regions.

Conversely, the eastern regions of Guadalcanal, Malaita, Makira, Rennell, and Temotu in the far east are likely to experience normal sea surface height (SSH).

This forecast indicates elevated water levels, and when combined with unusually high tides and large waves, could result in coastal erosion.

Locals are urged to take safety precautions to prevent loss of life and property.

For more Information Contact:

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