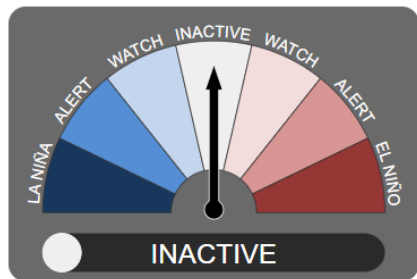


July Climate Bulletin for Fisheries

A monthly bulletin issued by the Vanuatu Meteorology & Geo-hazards Department that provides concise one-month outlook on climatic conditions over Vanuatu that the fisheries sector can use for better decision-making.

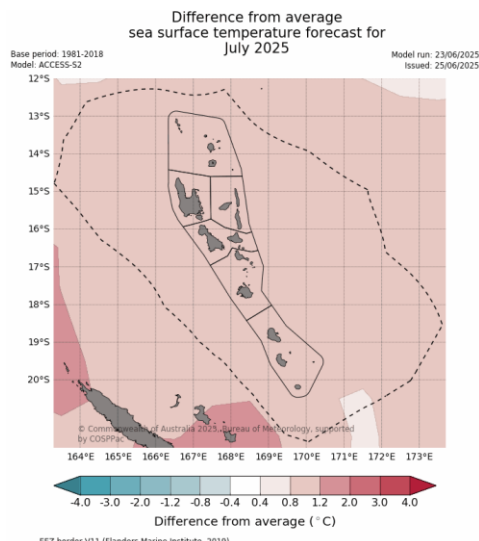
El Niño–Southern Oscillation (ENSO)



ENSO status is now in Neutral. Rainfall and temperatures are neither enhanced nor diminished during the Neutral phase.

Status blong ENSO i stap naolia long La Niña. Renfol mo tempereja oli no develop mo oli no go daon long taem blong Nutrol pat.

ENSO est désormais en phase de veille du phénomène La Niña. Les précipitations et les températures ne sont ni augmentées ni diminuées pendant la phase neutre.



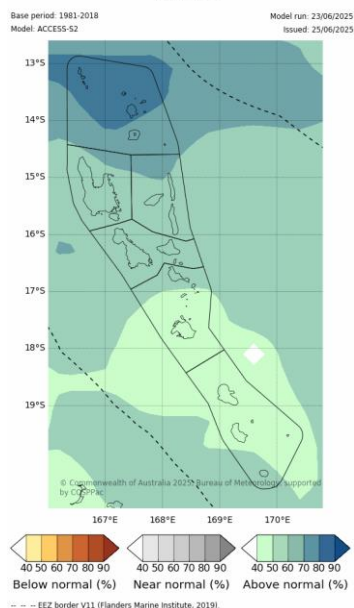
Sea Surface Temperature Forecast

Sea surface temperature is expected to be at least 0.8-1.2°C warmer for the whole country.

Tempereja long seves blong solwota l save kasem 0.8-1.2°C wom lo ful kaontri.

Les températures de la surface de la mer devraient être de 0,4 à 0,8 °C plus élevées dans tout le pays et jusqu'à 0,8 à 1,2 °C

Tercile rainfall probabilities for July 2025



Rainfall Outlook

Rainfall is predicted to be above normal for the whole country, with higher model confidence in Torba province.

Renfol bae l save bitim nomol lo ful kaontri, wetem bigfala janis ova long Torba provins.

Les précipitations devraient être supérieures à la normale pour l'ensemble du pays, avec une confiance du modèle plus élevée dans la province de Torba.

SUPPORTED BY:



Fisheries Department of Vanuatu



Australian Government
Bureau of Meteorology

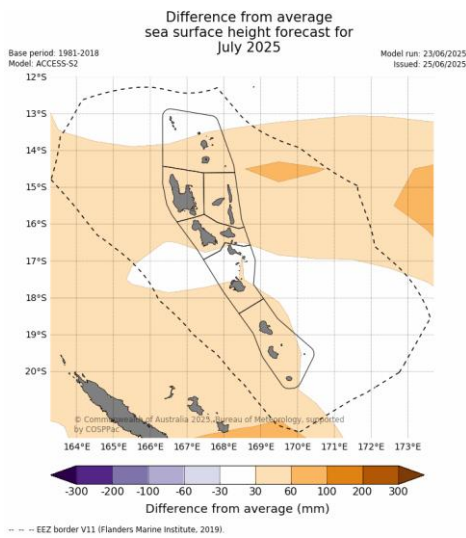


SPREP
Secretariat of the Pacific Regional
Environment Programme



GREEN
CLIMATE
FUND

Sea Level Forecast

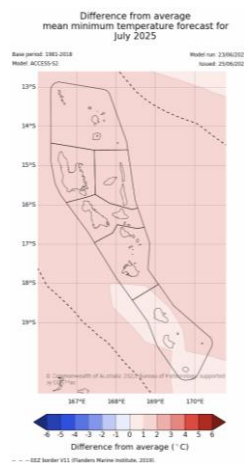
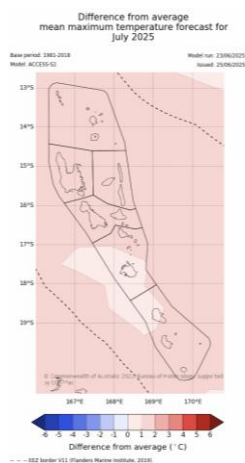


Most of the country is expected to have 30-60mm higher sea level heights than normal this month.

Bambae level blong hait blong solwota long ful kanotri I save kasem 30 – 60mm ova long nomol long manis ia.

La majeure partie du pays devrait connaître ce mois-ci une hausse du niveau de la mer de 30 à 60 mm par rapport à la normale

Maximum and Minimum Temperature Outlook



Above average (1-2°C) day-time temperatures are expected across the country this month.

- Tempereja long dei taem bae i stap antap long averej (1-2°C) raon long kaontri long manis ia
- Des températures diurnes supérieures à la moyenne (1-2°C) sont attendues sur l'ensemble du pays ce mois-ci.

Above average (1-2°C) night-time temperatures are expected across the country this month.

- Tempereja long naet taem bae i stap antap long averej (1-2°C) raon long kaontri long manis ia
- Des températures nocturnes supérieures à la moyenne (1-2°C) sont attendues dans tout le pays ce mois-ci.

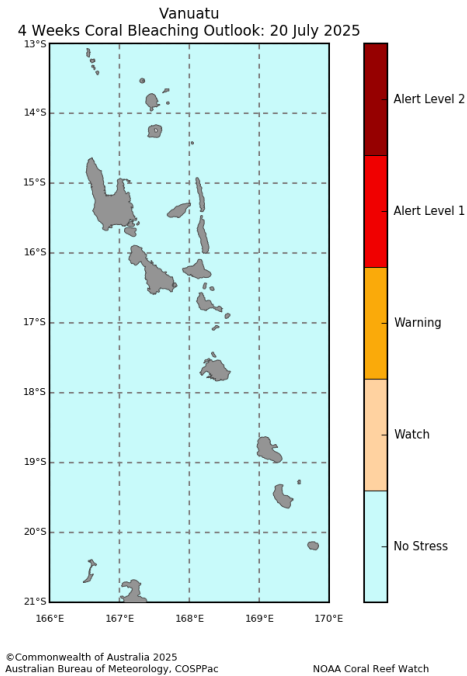
Tide Outlook for July

Port Vila Harbour					
Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.12m	25 Jul	12:18pm	1.46m	25 Jul	5:17am

Luganville Harbour					
Lowest Tide	Date	Time (VUT)	Highest Tide	Date	Time (VUT)
0.15m	24 Jul	10:51am	1.80m	25 Jul	4:39am

Moon Phases for July

Fes Kwata	Ful Moon	Las Kwata	Niu Moon
3 July	11 July	18 July	25 July

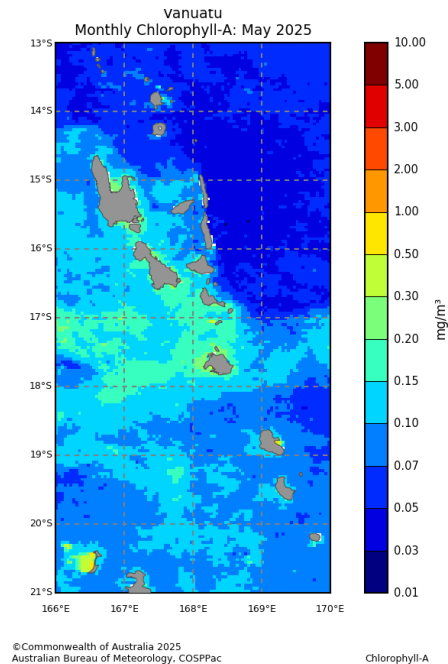


Coral Bleaching Outlook

The whole country is at a No Stress level this month for coral bleaching.

Ful kaontri i stap long No Stress level long saed blong korol blijing

L'ensemble du pays a atteint le niveau « Pas de stress » pour ce qui est du blanchiment des coraux.



Chlorophyll A status from May 2025

Chlorophyll concentrations from May show higher values up to 0.3mg/m3 in central waters near major islands.

Level blong Klorofil lo Aprel hemi soem se emi hae wei I kasem 0.3mg/m3 long ol sentrol wota kolosap lo ol men island.

Les concentrations de chlorophylle du mois d'avril montrent des valeurs plus élevées allant jusqu'à 0,3 mg/m3 dans les eaux centrales près des principales îles

Bulletin Highlights for July 2025

ENSO:	Neutral	Max Temp:	↑
SST:	↑	Min Temp:	↑
Rainfall:	↑	Coral Bleaching:	↓
Sea Level:	↑	Chlorophyll:	–

Climate Smart Recommendations for Fisheries Sector

			Offshore fisheries	Lagoon fisheries
EL Nino Southern Oscillation (ENSO)	El Nino La Nina			
Sea Surface Temperatures	Further South	- Higher likelihood of warmer water tuna species skipjack and yellow fin. - Fish on warm side of SST fronts for natural biological hotspots.		
Sea Level	> 200 mm < - 200 mm			
Rainfall	Above normal Below normal			
Maximum and Minimum Temperature	Above average Below average			
Coral Bleaching Level	Warning Alert 1 Alert 2			- Reduce storm water and fertilizer runoff - Avoid using herbicides and pesticides - When anchoring boats, avoid anchoring near places with coral reefs - Encourage offshore fishing to alleviate stressors in the lagoon.
Chlorophyll	Above normal	Likely higher stocks for smaller pelagic fish		- Higher risks of lagoon fish disease, encourage offshore fishing - Limit nutrient runoff & monitor for algal blooms - Target high chlorophyll regions for crown of thorns starfish management activities
High and Low Tides	High Tide Low Tide			
Moon Phases	First Quarter Full moon Last Quarter New Moon			

For more info, contact us:

VMGD: Free Toll (116) Telephone (+678 23866) Email (climate@meteo.gov.vu)
Fisheries Department: Telephone (+678 23119) Email (ContactFisheries@vanuatu.gov.vu)

SUPPORTED BY:



Fisheries Department of Vanuatu



Australian Government
Bureau of Meteorology

OFFICIAL



SPREP
Secretariat of the Pacific Regional
Environment Programme



GREEN
CLIMATE
FUND