TUVALU OCEAN & FISHERIES OUTLOOK

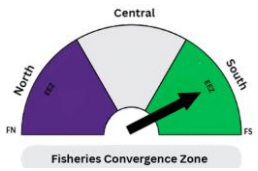
Version: 12

SUMMARY

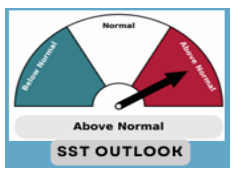
NOVEMBER 2026

Issue Outline:

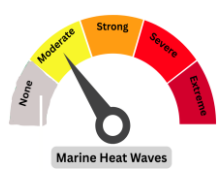
- **Summary**
- **ENSO update**
- **FCZ (Monthly & Seasonal)**
- **Rainfall & SST's**
- **Sea Surface Height**
- **Tides & Moon Phases**



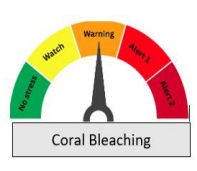
South



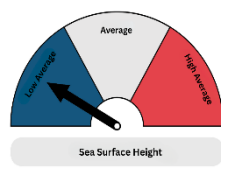
Above Normal



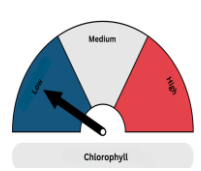
Moderate



Warning



Below Average



Low

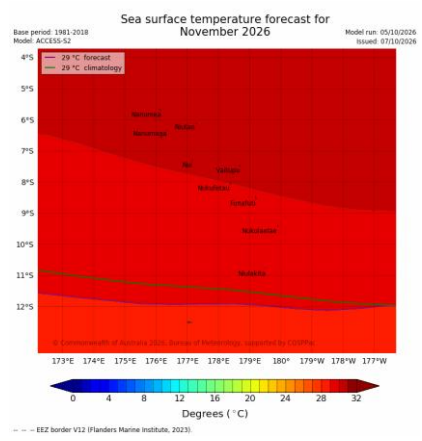
EL NINO SOUTHERN OSCILLATION (ENSO) UPDATE

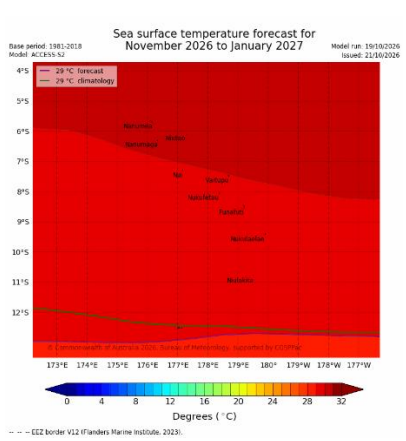


IMPACTS	
LA NIÑA	EL NIÑO
• Cooler Sea Surface Temperature • Less Rainfall • Moderate to strong trade winds	• Warmer Sea Surface Temperature • More Rainfall • Weakened trade winds • Coral Bleaching

The El Niño–Southern Oscillation (ENSO) is currently in El Niño status, with further intensification in the Tropical Pacific.

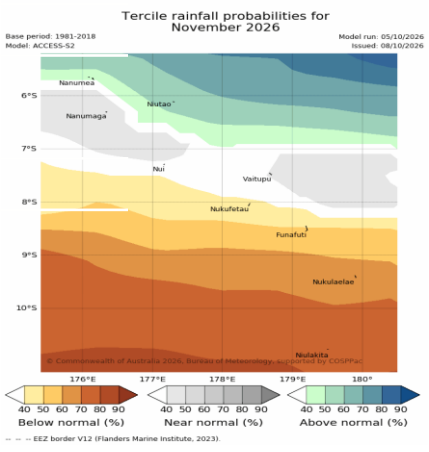
FISHERIES CONVERGENCE ZONE (FCZ) MONTHLY & SEASONAL (November & November 2026 - January 2027)

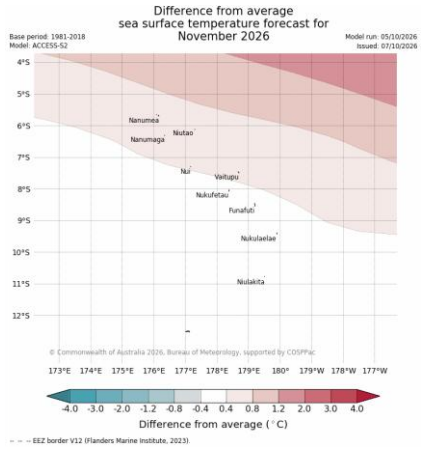




- The FCZ is where the warm water meets the cold water, shown by the purple line
- For November 2026, the FCZ is forecast to be South of Niulakita and within the EEZ
- For the November 2026 to January 2027 period, the FCZ is expected to be further south of Niulakita and close to the southern EEZ.
- Note: Lagoon temperatures may be higher than temperatures forecast for the open ocean.

MONTHLY RAINFALL AND SEA SURFACE TEMPERATURE (SST) (November 2026)

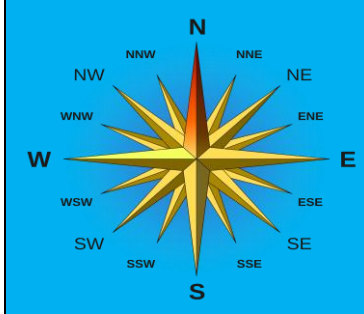




- Rainfall for November 2026 is forecasted to be to be wetter than normal in Nanumea and Niutao. Near normal rainfall at Nanumaga, Nui and Vaitupu.
- Drier than normal rainfall (Below normal) at Nukufetau, Funafuti, Nukulaelae and Niulakita.
- SSTs around Nanumea, Nanumaga, Niutao, Nui, and Vaitupu are expected to be warmer than average, with temperatures around 0.4 to 0.8°C
- SSTs around Nukufetau, Funafuti, Nukulaelae, and Niulakita are expected to experience near-normal conditions between 0.4 to -0.4°C.

Contributors:

- Pacific Ocean Portal
- Bureau of Meteorology
- ACCESS-S
- PACIFIC TIDE Calendar
- Earth Sciences New Zealand



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Tuvalu Meteorological Service

- http://www.bom.gov.au/climate/enso/?ninoIndex=nino3.4&index=nino34&period=weekly
- https://access-s.clide.cloud/
- http://www.bom.gov.au/oceanography/projects/spslcmp/tidecalendars.shtml
- https://oceanportal.spc.int/explorer
- https://www.windy.com
- https://opm.gem.spc.int/ocean/home

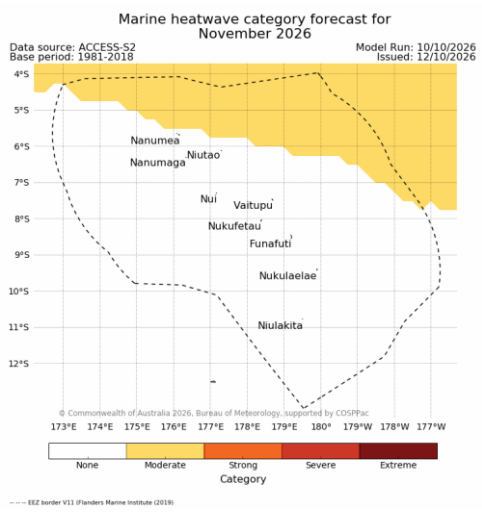
Scan me for more information

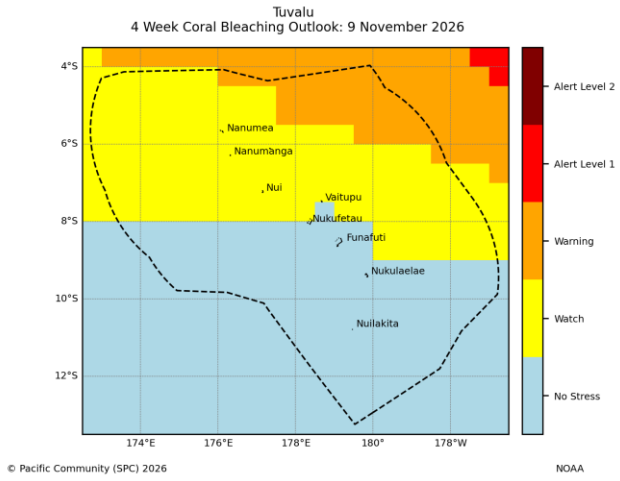
Tide Calendar

Tide App

Real time display

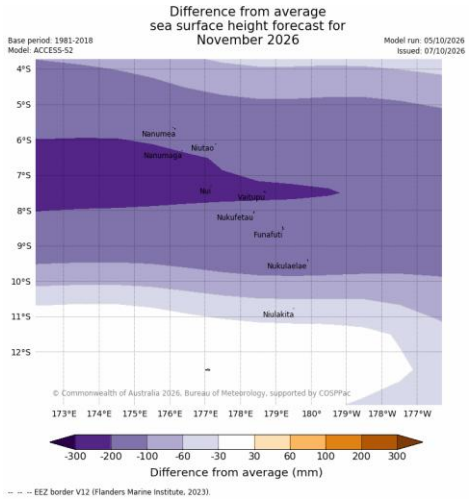
MARINE HEAT WAVE AND CORAL BLEACHING OUTLOOK NOVEMBER 2026

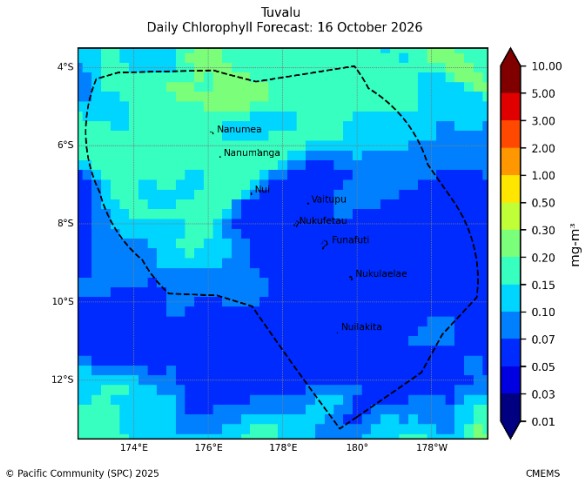




- No heat waves affecting all islands; only the North Eastern water of Tuvalu to the northeast side of the EEZ are expected to be moderate marine heatwave
- Coral Bleaching Outlook is on Warning for North Eastern part of Nanumea and Niutao to the EEZ. Waters around Nanumea, Nanumaga, Niutao Nui, Vaitupu And Nukufetau were forecast to be on watch. No stress for the southern groups of Tuvalu.

SEA SURFACE HEIGHT (SSH's) & CHLOROPHYLL CONCENTRATION MONTHLY AND DAILY





- Sea surface height (Different from the average) for Nanumea, Nanumaga, Niutao, Nukulaelae is forecast to be between -60 to -100 (mm), while Nui Nukufetau, Vaitupu and Funafuti sea surface height is between -100 to -200mm. For Niulakita SSH is predicted to be -30 to -60mm.
- Overall sea surface height for Tuvalu is below average.
- A low concentration of chlorophyll is concentrated around Vaitupu, Nukufetau, Funafuti, Nukulaelae and Niulakita as shown on the map in clear blue.
- Higher levels of chlorophyll in some part of the north and western areas, indicating more phytoplankton in those waters.

TIDE PREDICTION AND MOON PHASE MONTHLY(NOVEMBER 2026)

Tides		Date	Time	Level
	1st Highest Tide	8th November	(04:15)	2.94m
	1st Lowest Tide	8th November	(10:34)	1.29m
	2nd Highest Tide	25th November	(05:10)	3.13m
	2nd Lowest Tide	25th November	(11:40)	1.10m

Moon Phase	Date
Last Quarter	2nd November
New Moon	9th November
First Quarter	17th November
Full Moon	25th November

NOTE: This two table above (tide prediction and moon phase) for Funafuti Island only. All Island shall be refer on their own tide calendar which provided by TMS to your Kaupule (Island counsil) every year. OR click on this link below to access on tide calendar of each islands (Tuvalu). https://oceanportal.spc.int/library