



TUVALU OCEAN & FISHERIES OUTLOOK



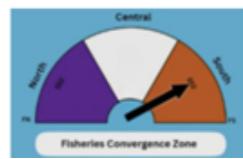
Version: 8

SUMMARY

March 2026

Issue Outline:

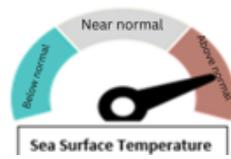
- Summary
- ENSO update
- FCZ (Monthly & Seasonal)
- Rainfall & SST's
- Sea Surface Height
- Tides & Moon Phases



Further north



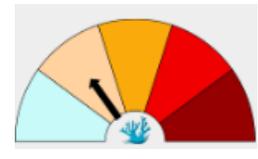
Below Normal



Above Normal



Above Normal



Watch

EL NINO SOUTHERN OSCILLATION (ENSO) UPDATE



La Niña Watch continue weaken in the Tropical Pacific

IMPACTS

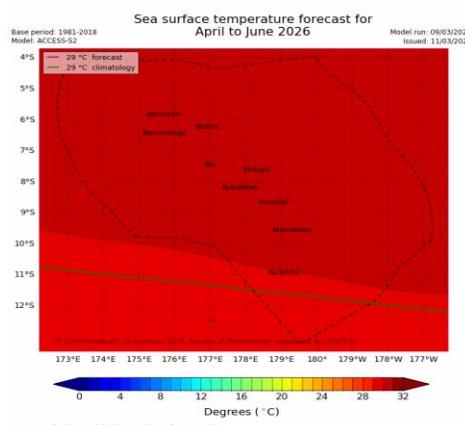
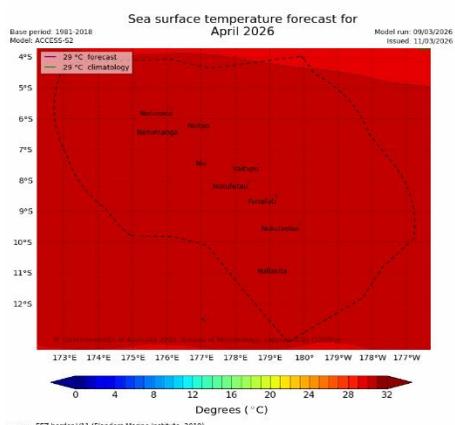
LA NINA

- Cooler Sea Surface Temperature
- Less Rainfall
- Moderate to strong trade winds

EL NINO

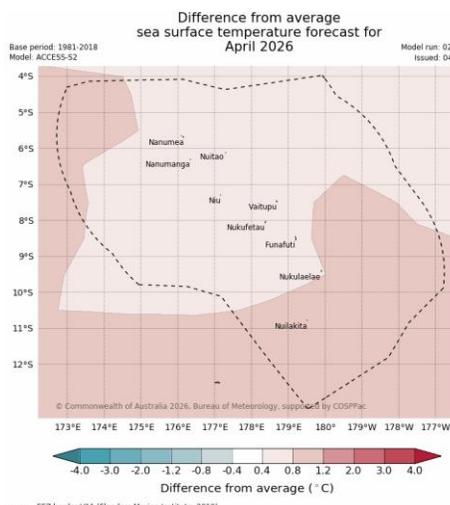
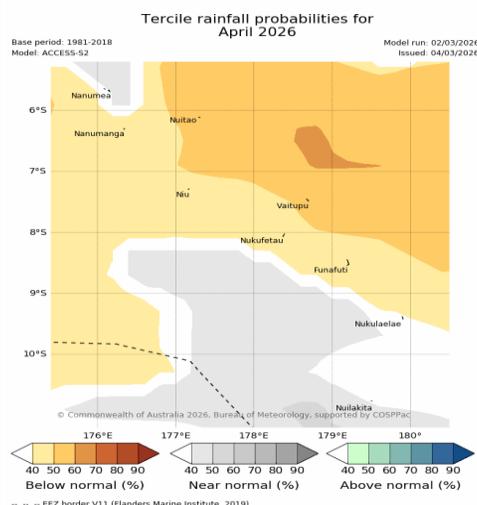
- Warmer Sea Surface Temperature
- More Rainfall
- Weakened in the trade winds
- Coral Bleaching

FISHERIES CONVERGENCE ZONE (FCZ) MONTHLY & SEASONAL (APRIL & APRIL TO JUNE 2026)

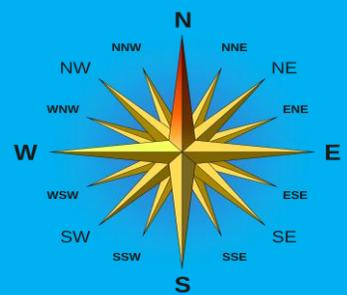


- The FCZ for April 2026, is forecast to lie outside of Tuvalu EEZ and its normal position for April.
- The FCZ for the next three months, April to June 2026, is forecast to be located further south of Tuvalu EEZ, and its climatological position for April to June.
- Note: Lagoon temperatures may be higher than temperatures forecast for the

RAINFALL AND SEA SURFACE TEMPERATURE MONTHLY (APRIL 2026)



- Low chance of Below Normal rainfall over Nanumaga, Niutao, Nui, Vaitupu, Nukufetau and Funafuti.
- Low Chance of Near normal rainfall over Nanumea, Nukulaelae and Niulakita
- SSTs around Tuvalu Island are forecast to be between 0.4 degrees and 1.2 degrees above average.



Contacts:

- **Email:**
tuvmet@gmail.com
- **Website:**
www.tuvmet.tv
- **Facebook page:**
Tuvalu Meteorological Service

- <http://www.bom.gov.au/climate/ens0/?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>



Tide Calendar

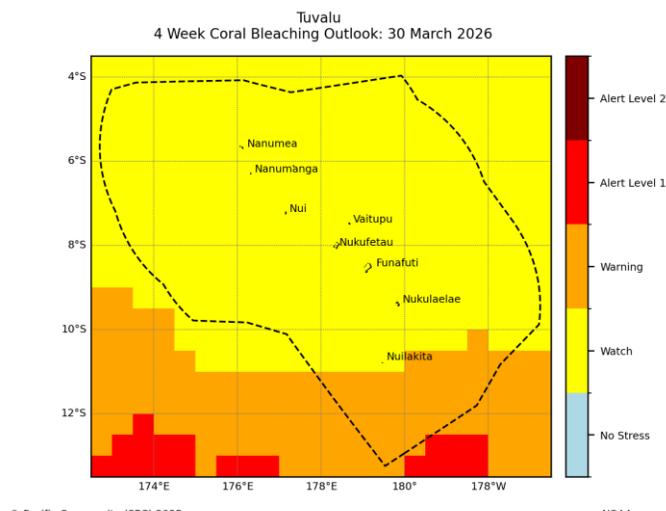
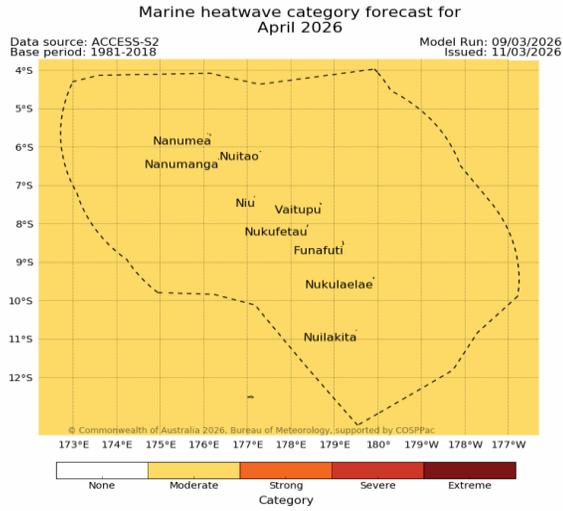


Tide App



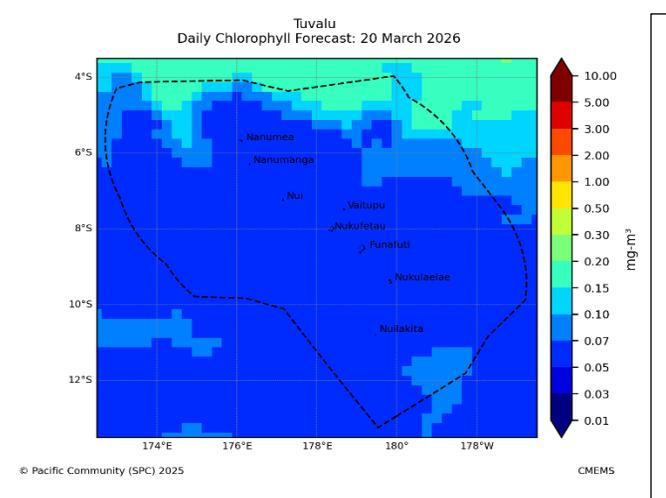
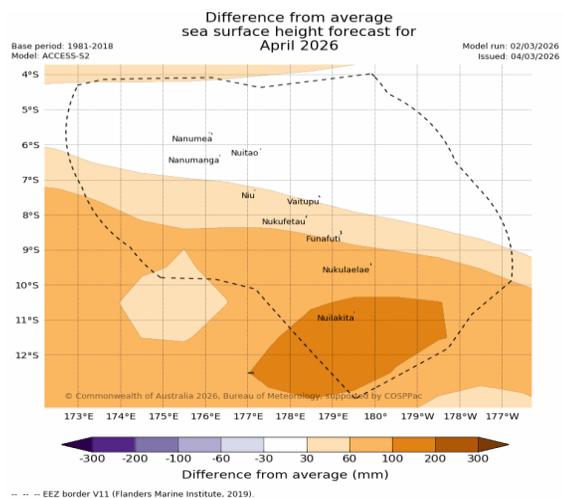
Real time display

MARINE HEAT WAVE AND CORAL BLEACHING OUTLOOK MARCH 2026



- Marine heatwaves in the moderate category are forecast to develop over Tuvalu. There maybe medium impacts on ocean ecosystems, including stress on marine organisms, species migration, and algal blooms in locations during April 2026.
- Coral Bleaching Outlook shows on Watch over Nanumea, Niutao, Nanumaga, Nui, Vaitupu, Nukufetau, Funafuti and Nukulaelae. But Warning indicated over Futher South Tuvalu EEZ including Niulakita.

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



- Sea surface height (difference from the average) for Nui, Nukufetau, Funafuti, Nukulaelae and Niulakita is forecast to be between 30-200 (mm), higher than the average.
- Sea surface height for Nanumea, Nanumaga and Niutao are forecast to be average for this time of year.
- A little concentration of chlorophyll located further north nearby the EEZ of Tuvalu.

TIDE PREDICTION AND MOON PHASE MONTHLY(APRIL 2026)

Tides	Date	Time	Level
	1 st Highest Tide	2 nd April	(05:02) 3.01m
	1 st Lowest Tide	1 st April	(22:55) 1.29m
	2 nd Highest Tide	18 th April	(05:09) 3.18m
	2 nd Lowest Tide	18 th April	(11:28) 1.13m

Moon Phase	Date
Full Moon	2 nd April
Last Quarter	10 th April
New Moon	17 th April
First Quarter	24 th April

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 council) every year. OR click on this link below to access on tide calendar of each islands (Tuvalu).
<https://oceanportal.spc.int/library>