



TUVALU OCEAN & FISHERIES OUTLOOK



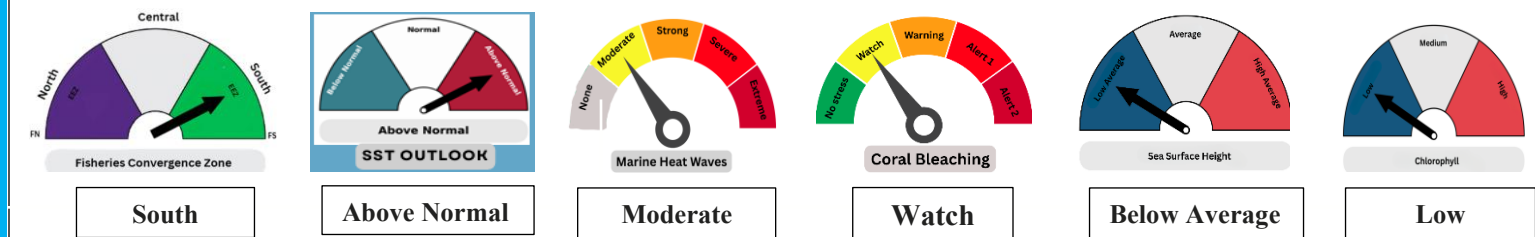
Version: 10

SUMMARY

JUNE 2026

Issue Outline:

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



EL NIÑO SOUTHERN OSCILLATION (ENSO) UPDATE



IMPACTS

LA NIÑA

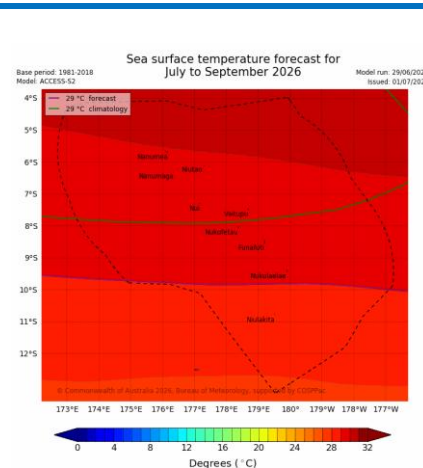
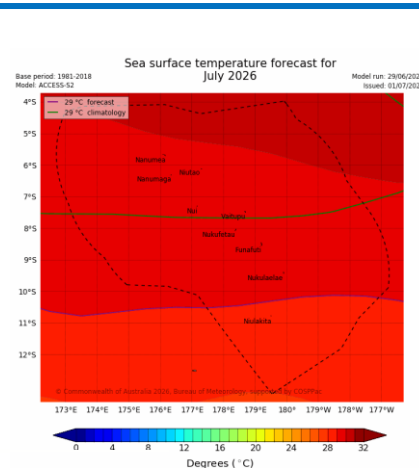
- Cooler Sea Surface Temperature
- Less Rainfall
- Moderate to strong trade winds

EL NIÑO

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

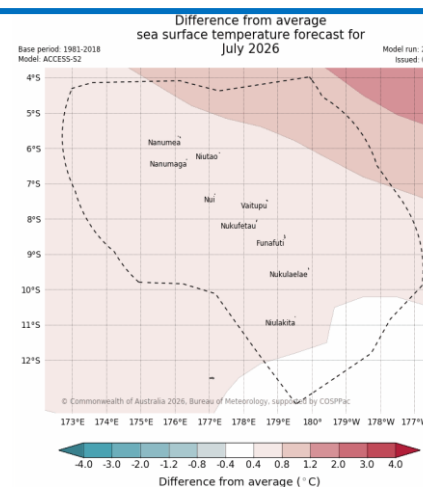
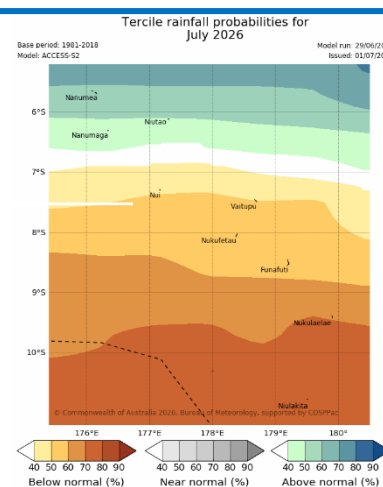
The El Niño–Southern Oscillation (ENSO) is currently at the Alert status, although there are signs of possible reaching El Nino thresholds..

FISHERIES CONVERGENCE ZONE (FCZ) MONTHLY & SEASONAL (JULY & JULY TO SEPTEMBER)



- The FCZ for July 2026, is forecasted to be located South of Tuvalu between Nukulaelae and Niulakita.
- The FCZ for the next three months, July to September 2026, is forecasted to be located close to Nukulaelae and south of its climatological position.
- Note: Lagoon temperatures may be higher than temperatures forecast for the open ocean.

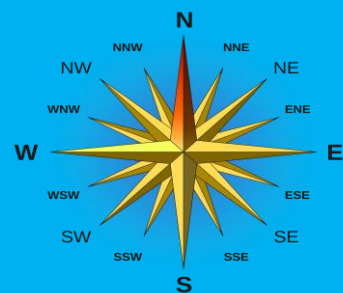
RAINFALL AND SEA SURFACE TEMPERATURE MONTHLY (JULY 2026)



- Above normal rainfall over Nanumea, Nanumaga and Niutao
- Low Chance of below normal rainfall over Nui and Vaitupu.
- Medium chance of below normal rainfall in Nukufetau, and Funafuti, Nukulaelae and Niulakita.
- SSTs around Tuvalu Island are forecast to be between 0.4°C to 0.8°C (degrees) above average. There is a warmer SST's approaching from the North East of the group EEZ.

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>



Tide Calendar

Scan me for more information

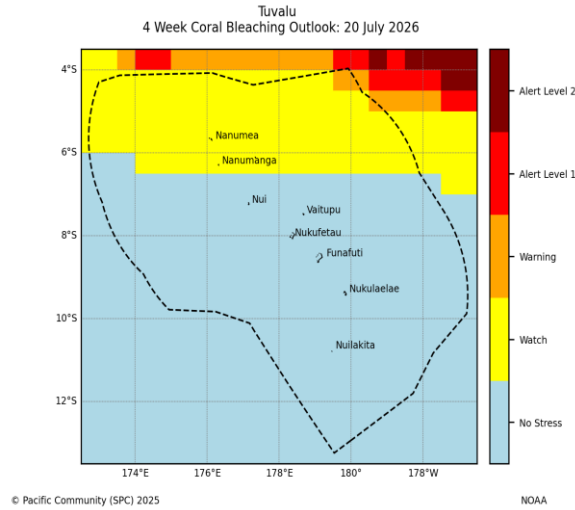
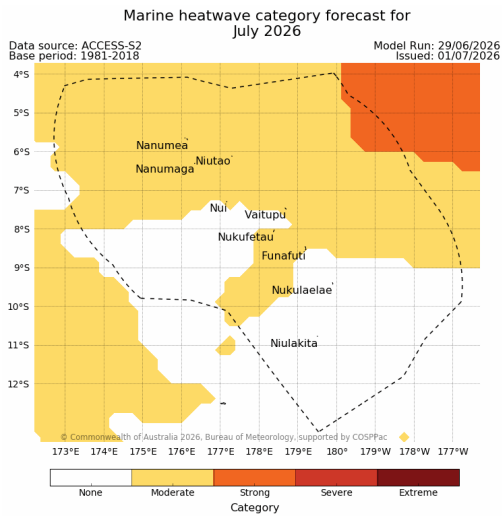


Tide App



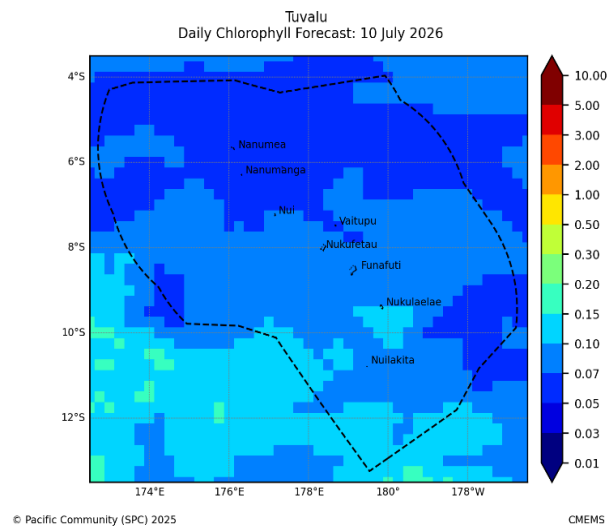
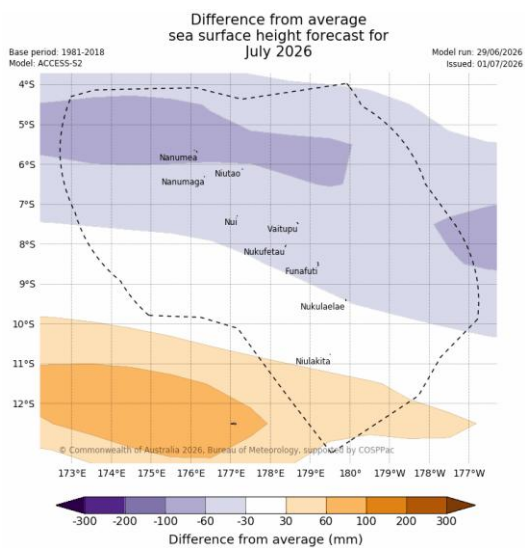
Real time display

MARINE HEAT WAVE AND CORAL BLEACHING OUTLOOK JULY 2026







- A moderate marine heatwave is forecast to develop over the waters surrounding the northern islands, extending into the northern Exclusive Economic Zone (EEZ), as well as across the northeastern waters of the central islands and Funafuti, reaching into the EEZ. In contrast, **No** marine heatwave is forecast for the waters surrounding Nukulaelae and Niulakita or across the southeastern and southern EEZ.
- A strong heatwave (orange color) approaching from the North East EEZ of the country.
- Coral Bleaching Outlooks on Watch over the Northern Groups, and **NO** stress for the Central and Southern groups of Tuvalu



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



- Sea surface height (Different from the average) for Nukulaelae, Funafuti, Nukufetau, Vaitupu, Nui, Niutao and Nanumaga is forecast to be between -30 to -60 (mm). Nanumea is forecast to be between -60 to -100 (mm) from the average.
- A low concentration of chlorophyll located in the southern waters of Tuvalu including Nukulaelae and Niulakita

TIDE PREDICTION AND MOON PHASE MONTHLY(JULY 2026)

Tides	Date	Time	Level
 1 st Highest Tide	15 th July	(05:24)	3.10m
 1 st Lowest Tide	15 th July	(11:52)	1.01m
 2 nd Highest Tide	31 st July	(05:47)	2.86m
 2 nd Lowest Tide	31 st July	(12:07)	1.23m

Moon Phase	Date
 Last Quarter	8 th July
 New Moon	14 th July
 First Quarter	21 st July
 Full Moon	30 th July

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>