Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 229

Country: Tuvalu

Part 1: Recent climate

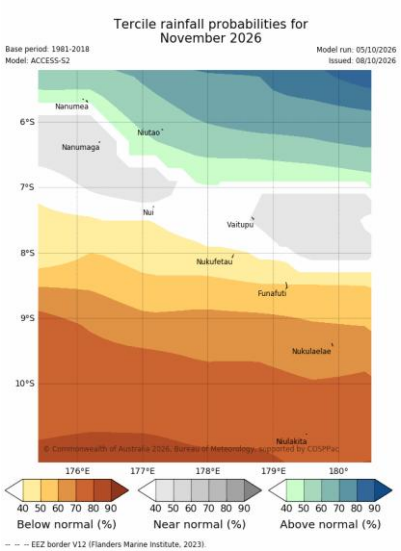
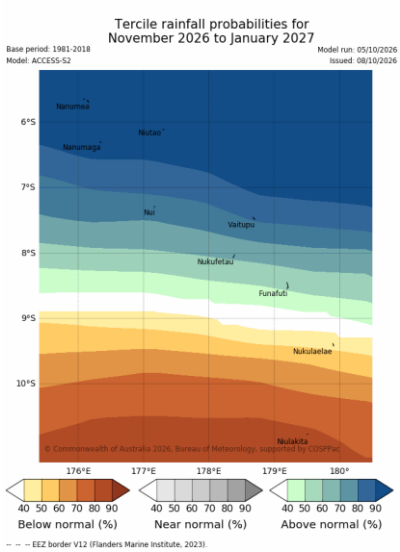
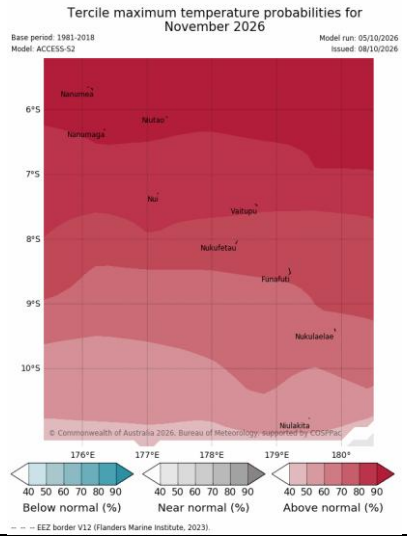
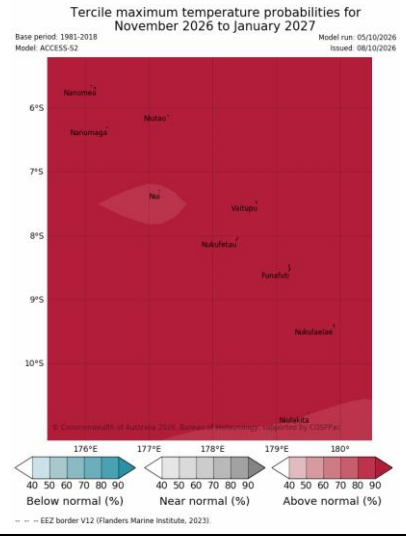
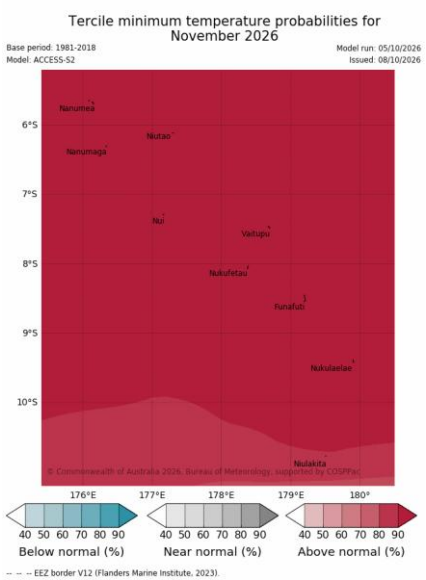
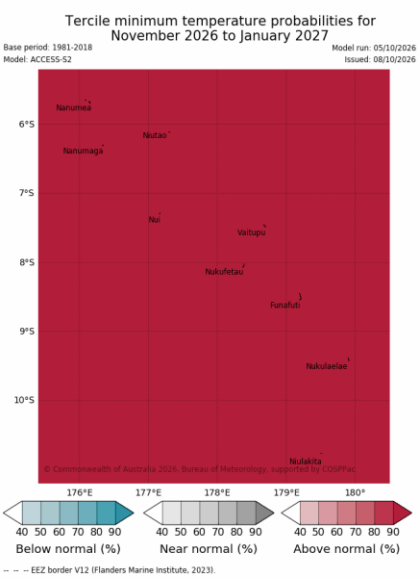
TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2026	Aug-2026	Sep-2026				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2026)	301.9	240.6	304.3	93.0	173.8	122.4	71/85
Nui (1946-2026)	324.2	344.5	154.8	129.6	198.7	178.9	35/80
Funafuti (1933-2026)	338.8	611.9	271.0	164.5	248.4	213.4	73/94
Niulakita (1953-2026)	109.7	356.7	522.9	178.4	235.0	199.0	**74/74**

TABLE 2: Three-month Total Rainfall for July to September 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2026)	846.8	Above normal	401.2	629.3	480.0	72/85
Nui (1946-2026)	823.5	Above normal	528.3	691.9	601.9	66/80
Funafuti (1933-2026)	1221.7	Above normal	608.0	780.7	702.3	**92/94**
Niulakita (1953-2026)	989.3	Above normal	533.6	744.2	622.1	**70/74**

Part 1i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Monthly: November 2026	**Seasonal: November 2026 to January 2027**
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

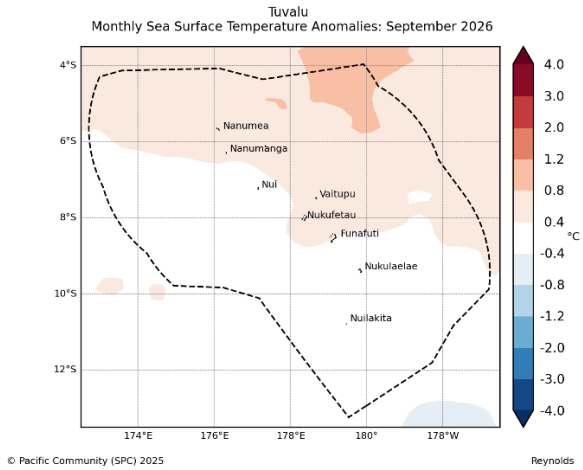
Part 2: Recent Ocean Observation

Monthly/Three months: September and July to September 2026

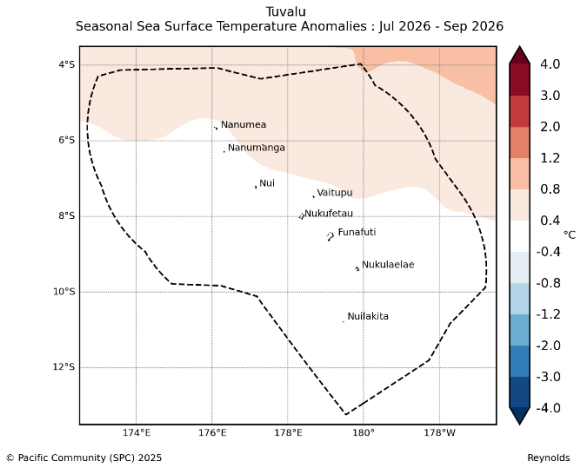
Monthly: September 2026

Last three months: July to September 2026

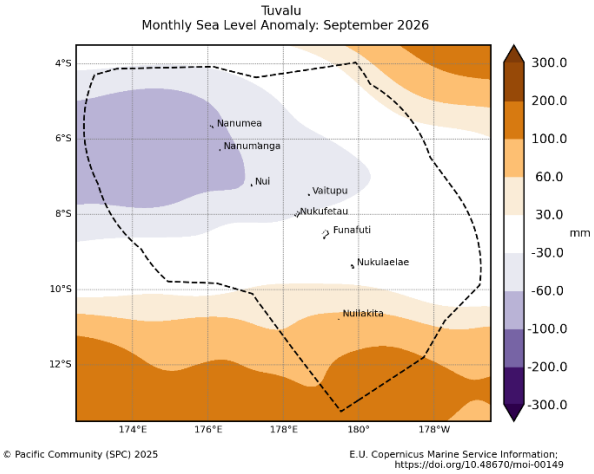
Sea Surface Temperature Anomaly (Image 1):



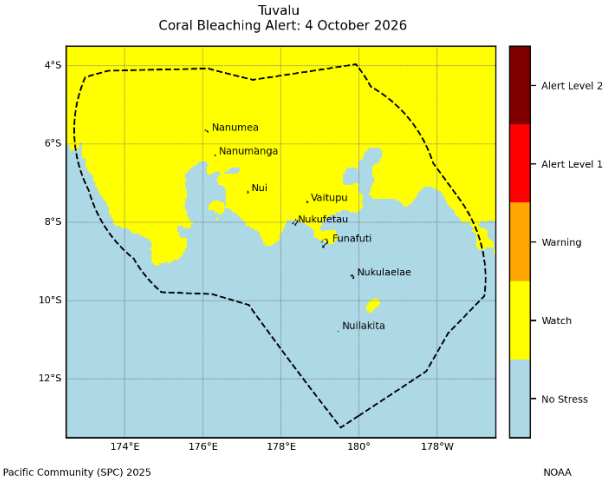
Sea Surface Temperature Anomaly (Image 4):



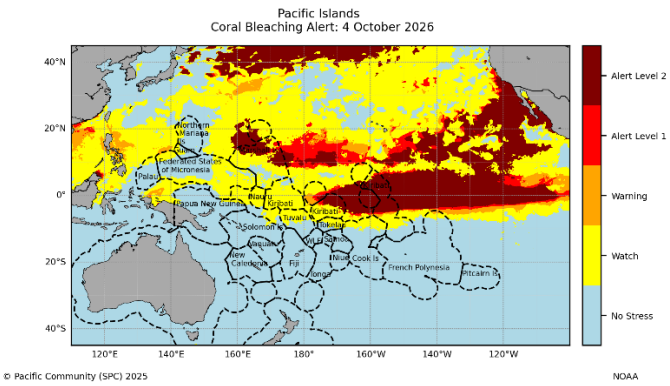
Sea level anomaly (Image 2):



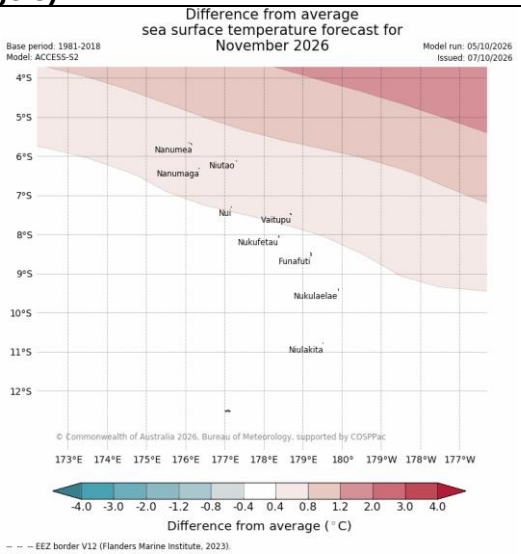
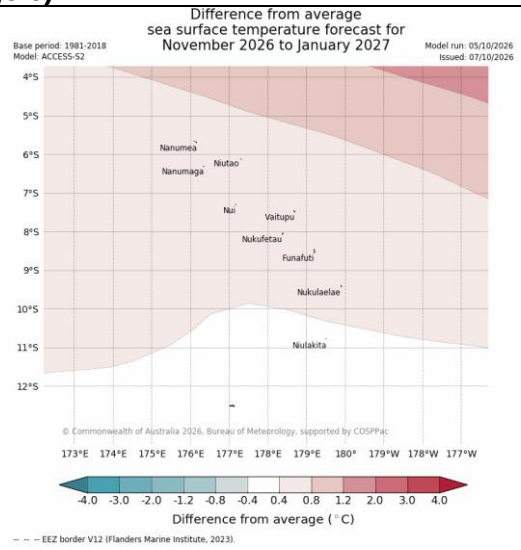
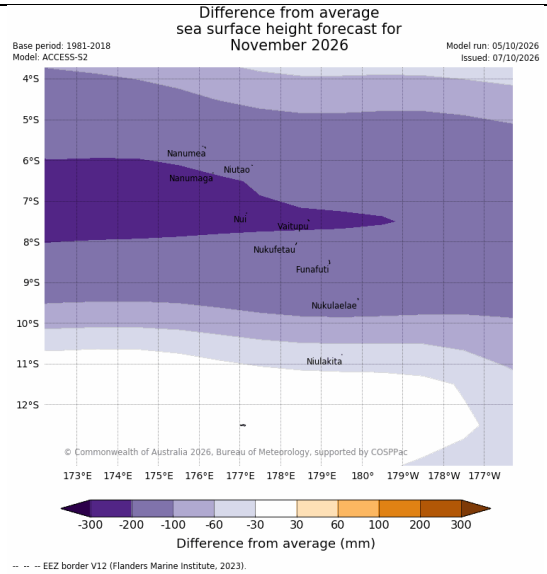
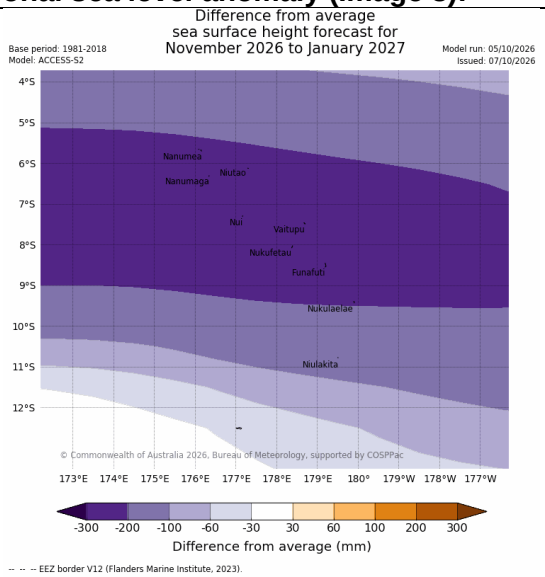
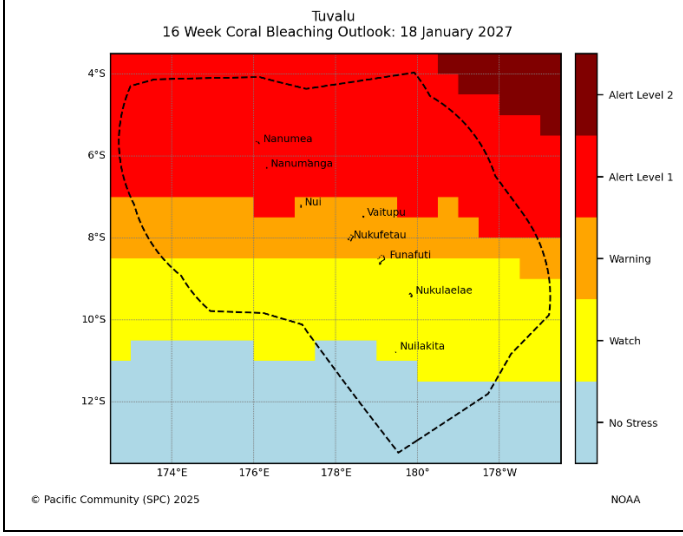
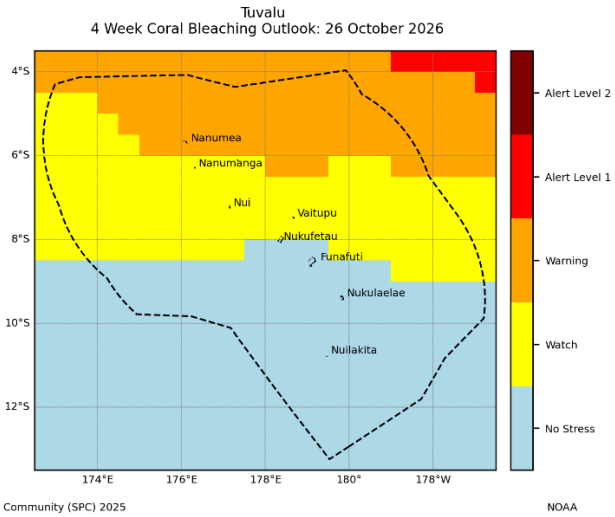
National daily coral bleaching alert (Image 3):



Pacific daily coral bleaching alert (Image 5):



Part 2i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Monthly: November 2026	**Seasonal: November 2026 to January 2027**
Monthly sea surface temperature anomaly (Image 5):	**Seasonal sea surface temperature anomaly (Image 6):**
	
Monthly sea level anomaly (Image 7):	**Seasonal sea level anomaly (Image 8):**
	
National 4-week Coral Bleaching Outlook (Image 9):	**Pacific 4-week Coral Bleaching Outlook (Image 10):**
	

Summary Statement

Monthly and last three months: September/July to September 2026 statement

The rainfall for September was above normal over Nanumea, Funafuti and Niulakita, while near normal rainfall in Nui.

For the past three months, rainfall was above normal over Tuvalu. Funafuti and Niulakita recorded its third and fifth in 94 and 74 years of record respectively.

Part 1i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Monthly/Seasonal rainfall and temperature Outlook statements

The rainfall for November 2026 is likely to be above normal over far northern group including Nanumea and Niutao. In central group, the outlook offers little guidance, except for Nanumaga and Vaitupu is likely to be near normal, while southern group including Nukufetau the outlook shows below normal.

The rainfall for November 2026 to January 2027 is very likely to be above normal over northern and central groups including Funafuti. In southern group shows November 2026 to January 2027 rainfall is likely or very likely to be below normal.

Maximum and minimum temperatures during November and averaged over November 2026 to January 2027 are likely or very likely to be above normal over Tuvalu.

Part 2: Recent Ocean summary statement

Monthly and last three months: September/July to September 2026

September sea surface temperatures (SSTs) around northern and central group were 0.4 to 0.8°C above normal, while southern group were -0.4 to 0.4°C near normal.

Averaged over July to September 2026, sea surface temperatures around Tuvalu were -0.4 to 0.4°C near normal, excepts far northern EEZ of Tuvalu were 0.4 to 0.8°C above normal.

September sea levels around northern and central group were 30 to 100 mm below normal. In southern group were -30 to 30 mm near normal, except Niulakita sea levels were 60 to 100 mm above normal.

A coral bleaching on watch status is currently in effect for northern group as of 4 October 2026.

Part 2i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Ocean Variable statement

November 2026 sea surface temperatures around northern group including Nui and Vaitupu are predicted to be 0.4 to 0.8°C above normal. In southern group the SST are predicted to be near normal.

Averaged over November 2026 to January 2027, sea surface temperatures around Tuvalu are predicted to be 0.4 to 0.8°C above normal, excluding Niulakita is predicted to be near normal.

November 2026 sea levels and averaged over November 2026 to January 2027 around Tuvalu are predicted to be 60 to 300 mm below normal.

Coral Bleaching outlook indicates Alert Level 1 status for the next 16 weeks around northern group Tuvalu.

In brief for Teleconference

- Rainfall was near normal to above normal for September and July to September 2026. Funafuti and Niulakita recorded its third and fifth in 94 and 74 years of record respectively.
- The rainfall outlook generally indicates above normal far northern group, near normal rainfall in the central group and below normal in the southern group most likely in November 2026. Above normal to below normal for total rainfall over November 2026 to January 2027 across the groups.
- SSTs were near-normal to above normal for September and July to September 2026. The outlook shows near normal to above normal SSTs for the next one and three months.
- Sea levels were below normal to above normal for September. Below normal sea levels are predicted for November and November 2026 to January 2027.
- Coral Bleaching Alert level 1 conditions are forecast for the next 16 weeks over the northern group of Tuvalu.

TABLE 3: Stakeholder Engagement – Evaluations of how effective NMS engage with stakeholders (September 2026)

Product	*Stakeholder*	*Total Number of Participants*	*Number of Male*	*Number of Female*	*Disability*	*Age group*	*Comments (If there are comments from you Stakeholders)*
EAR Watch	➢ Met Staff ➢ National Disaster Management Office (NDMO)	30 1	18 1	12			
Ocean and Fisheries Outlook	➢ Met Staff ➢ Fisheries Department ➢ NAFICOT ➢ FOFA	30 3 1 1	18	12 3 1 1			
Climate Summary	➢ MET Staff ➢ Disaster Dept ➢ TRC ➢ TuCAN ➢ Agriculture ➢ Head Quarter (PWIDW) ➢ All-Island Counsil ➢ Permanent Sec Gov ➢ Fisheries Dept ➢ Health Dept ➢ TEC Dept ➢ Environment Dept ➢ Climate Change Dept ➢ Public Work Dept (Water Section) ➢ Tuvalu Maritime School ➢ Fusialofa Association ➢ Tuvalu National Woman Counsil (TWC) ➢ Media Broadcasting	30 2 2 1 3 2 14 1 3 2 1 1 1 1 1 1 1 1	18 1 1 2 1 10 1 3 1 1 1 1 1	12 1 2 1 4 1 1 1 1	1		
Monthly and	➢ MET Staff	30	18	12			

Seasonal Outlook	➢ Disaster Dept	2	1	1			
	➢ TRC	2		2			
	➢ TuCAN	1	1				
	➢ Agriculture	3	2	1			
	➢ Head Quarter (PWIDW)	2	1				
	➢ All-Island Counsil	14	10	4			
	➢ Permanent Sec Gov	1	1				
	➢ Fisheries Dept	3	3				
	➢ Health Dept	2	1	1			
	➢ TEC Dept	1	1				
	➢ Environment	1	1				
	➢ Climate Change	1		1			
	➢ Public Work Dept (Water Section)	1		1			
	➢ Tuvalu Maritime School	1	1				
	➢ Fusialofa Association				1		
	➢ Tuvalu National Woman Counsil (TWC)	1		1			
	➢ Media Broadcasting	1		1			
		1		1			
AgroMet	➢ Met Staff ➢ Agriculture Department						
Climate data request	○ Digital Nation Project	1		1			
Outreach programs							
	Total	**204**	**120**	**82**	**2**		

Stakeholder category	Do your products reach this group? (Y/N)	Tailored product? (Y/N)
Agriculture sector	Y	Y
Disaster Risk Reduction sector	Y	Y
Energy sector	Y	Y
Health sector	Y	Y
Water sector	Y	Y
Fisheries and Aquaculture sector	Y	Y
Tourism sector	N	N
Maritime sector	Y	N
Research & education sector	Y	N
Women's [] organisations	Y	Y

National disability organisations	Y	Y
Community based organisations (e.g. councils)	Y	Y
Products offered in local dialects/ languages	N	N

Table 4: Impacts of Severe weather and climate events

Country: Tuvalu

ENSO Phase: El Nino

Synoptic Situation	Date	Type of Hazard	Impacts	Image	Latitude	Longitude	Sectors affected	No. of Deaths
A strong south eastly wind flow affects southern group of Tuvalu	27th September to 04th October 2026	➢ Strong Winds and distant storms ➢ Squalls 2-3meters ➢ Heavy Rainfall	• Disrupted inter island transport • Barge led to unbalance • Flooded and inundated low lying areas in Fongafale (Funafuti)	 	11°16'59.16" S	179°23'24.36" E	• Marine Department • Public transportation • Households	