

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 221

Country: Tuvalu

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2025	Dec-2025	Jan-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2025)	127.6	140.8	454.3	248.8	380.1	328.8	64/85
Nui (1946-2025)	163.1	288.8	296.0	238.0	437.3	318.5	36/81
Funafuti (1933-2025)	155.6	314.4	358.2	291.2	446.5	391.4	40/94
Niulakita (1953-2025)	300.6	276.7	456.7	238.0	437.3	364.8	51/73

TABLE 2: Three-month Total Rainfall for November 2025 to January 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2025)	722.7	Normal	579.0	980.6	860.2	33/84
Nui (1946-2025)	747.9	Below normal	783.8	1090.7	935.6	25/77
Funafuti (1933-2025)	828.2	Below normal	921.0	1131.1	1025.9	14/93
Niulakita (1953-2025)	1034.0	Normal	829.5	1130.5	1020.0	37/70

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2026

Monthly: March 2026	Seasonal: March to May 2026
Rainfall (Image 1)	Rainfall (Image 2)
<p>Tercile rainfall probabilities for March 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Tercile rainfall probabilities for March to May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
Monthly Maximum temperature (Image 3):	Seasonal maximum temperature (Image 4):
<p>Tercile maximum temperature probabilities for March 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Tercile maximum temperature probabilities for March to May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
Monthly minimum temperature (Image 5):	Seasonal minimum temperature (Image 6):
<p>Tercile minimum temperature probabilities for March 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Tercile minimum temperature probabilities for March to May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/02/2026 Issued: 04/02/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>

Part 2: Recent Ocean Observation

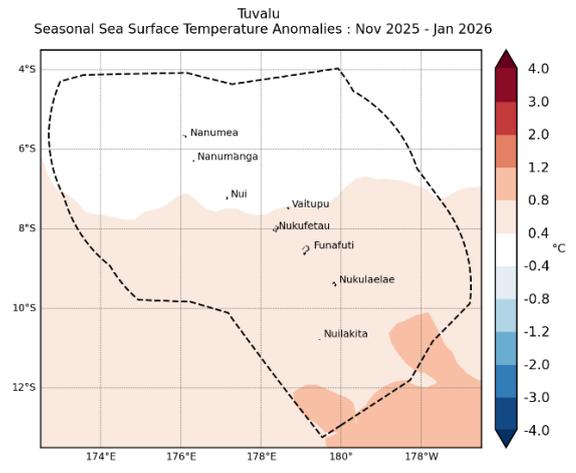
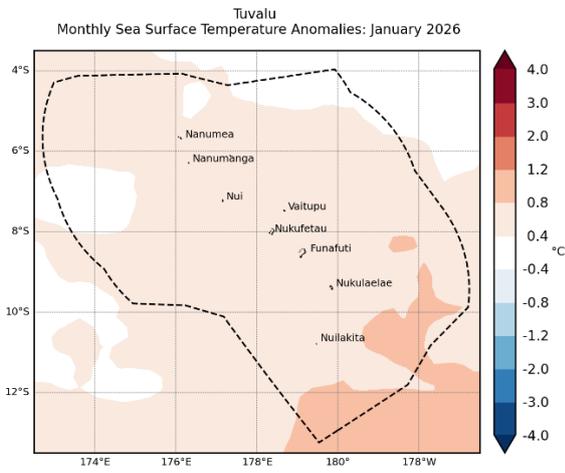
Monthly/Three months: January and November 2025 to January 2026

Monthly: January 2026

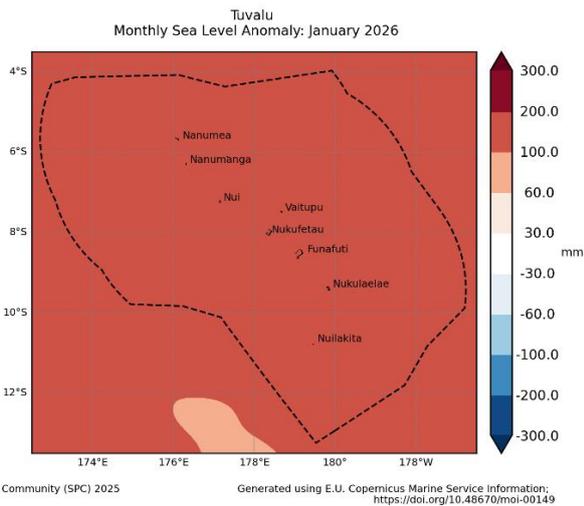
Last three months: November 2025 to January 2026

Sea Surface Temperature Anomaly (Image 1):

Sea Surface Temperature Anomaly (Image 4):

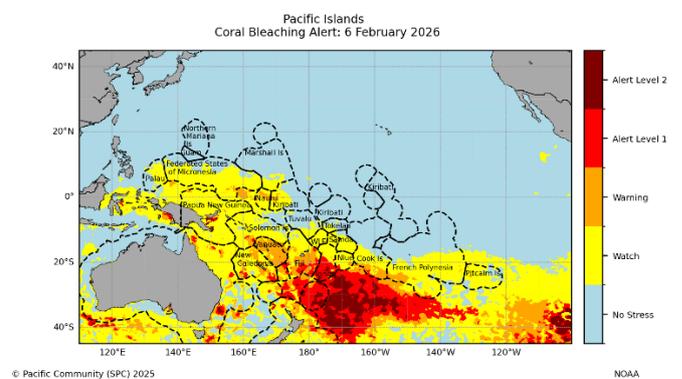
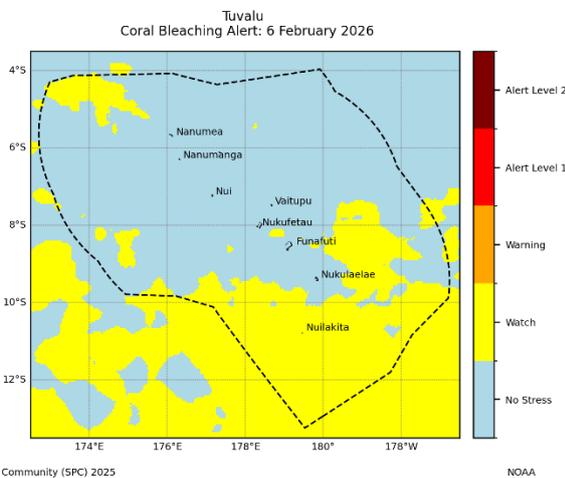


Sea level anomaly (Image 2):



National daily coral bleaching alert (Image 3):

Pacific daily coral bleaching alert (Image 5):



Summary Statement

Monthly and last three months: January/November 2025 to January 2026 statement

The rainfall for January was above normal over Nanumea and Niulakita, while near normal at Nui and Funafuti. For the past three months, rainfall was near normal over Nanumea and Niulakita. Below normal rainfall was observed in Nui and Funafuti.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2026

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March and March to May 2026 is likely or very likely to be below normal over Tuvalu.

Maximum and minimum temperatures during March and averaged over March to May 2026 are likely or very likely to be above normal over Tuvalu.

Part 2: Recent Ocean summary statement

Monthly and last three months: January/November 2025 to January 2026

January sea surface temperatures (SSTs) around Tuvalu were 0.4 to 0.

8°C above normal.

Averaged over November 2025 to January 2026, sea surface temperatures around north were -0.4 to 0.4°C near normal and 0.4 to 0.8°C above normal at central and southern groups Tuvalu.

January sea levels around Tuvalu were 100 to 200 mm above normal.

A coral bleaching on Watch across the country.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2026

Ocean Variable statement

March 2026 sea surface temperatures around Tuvalu are predicted to be 0.4 to 0.8°C above normal.

Averaged over March to May 2026, sea surface temperatures around Tuvalu are predicted to be 0.8 to 1.2°C, excluding the northeast parts Tuvalu EEZ are predicted to be 0.4 to 0.8°C above normal.

March and averaged over March to May 2026 sea levels around the northern group are predicted to be -30 to 30 mm near normal. In central and southern groups, sea levels are predicted to be 30 to 100 mm above normal.

Coral Bleaching outlook indicates Watch status for the next 4 weeks.

In brief for Teleconference

- Rainfall was near-normal to above normal for January and near normal to below normal over November 2025 to January 2026.
- The rainfall outlook generally indicates below normal most likely in March 2026 and March to May 2026.
- SSTs were near-normal to above normal for January and November 2025 to January 2026. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Near-normal to above normal sea levels are predicted for March and March to May 2026.

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

Product	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Comments (If there are comments from you Stakeholders)
Climate Bulletin	MET Staff	30	18	12		
	Disaster Dept	2	1	1		
	TRC	2		2		
	TuCAN	1	1			
	Agriculture	3	2	1		
	Head Quarter (PWIDW)	2	1	1		
	All-Island Council	14	10	4		
	Permanent Sec Gov	1	1			
	Fisheries Dept	2	1	1		
	Health Dept	2	1	1		
	TEC Dept	1	1			
	Environment	1	1			
	Climate Change	1		1		
	Tuvalu	1		1		
	Maritime					
	School	1		1		
	Fusialofa Association	1		1		1
	Tuvalu National	1		1		
	Woman Council (TWC)	1		1		

EAR Watch	MET Staff	30	18	12		
	Disaster Dept	2	1	1		
	TRC	2		2		
	TuCAN	1	1			
	Agriculture	3	2	1		
	Head Quarter (PWIDW)	2	1	1		
	All-Island Council	14	10	4		
	Permanent Sec Gov	1	1			
	Fisheries Dept	2	1	1		
	Health Dept	2	1	1		
	TEC Dept	1	1			
	Environment	1	1			
	Climate Change	1		1		
	Tuvalu	1		1		
	Maritime					
	School	1		1		
	Fusialofa Association	1		1	1	
	Tuvalu National Woman Council (TWC)	1		1		
	Monthly Climate Briefing	Climate Division	4	2	2	
Forecast Division		2	2			
Fisheries and Ocean Outlook	MET Staff	30	18	12		
	Disaster Dept	2	1	1		
	TRC	2		2		
	TuCAN	1	1			
	Agriculture	3	2	1		
	Head Quarter (PWIDW)	2	1	1		
	All-Island Council	14	10	4		
	Permanent	1	1			

	Sec Gov					
	Fisheries Dept	2	1	1		
	Health Dept	2	1	1		
	TEC Dept	1	1			
	Environment	1	1			
	Climate Change	1		1		
	Tuvalu	1		1		
	Maritime					
	School	1				
	Fusialofa Association	1		1		
	Tuvalu National Woman Council (TWC)	1			1	
Climate data request						
	Total	368	139	111	1	

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	N	N
Health sector	N	N
Water sector	Y	Y
Fisheries and Aquaculture sector	Y	Y
Tourism sector	N	N
Maritime sector	N	N
Research & education sector	N	N
Women's organisations	Y	N
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

Dates	Phenomena/Event	Location	Image
25/01/2026 to 01/02/2026	Strong Wind Warning	Central and Southern Waters of Tuvalu	