

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 220

Country: Tuvalu

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2025	Nov-2025	Dec-2025				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Nanumea (1941-2026)	107.3	127.6	140.8	202.5	355.3	265.4	21/85
Nui (1946-2026)	146.7	163.1	288.8	265.9	415.8	307.6	35/77
Funafuti (1933-2026)	300.5	155.6	314.4	310.9	436.4	343.0	32/93
Niulakita (1953-2026)	334.0	300.6	276.7	236.4	348.0	290.3	32/71

TABLE 2: Three-month Total Rainfall for October to December 2025

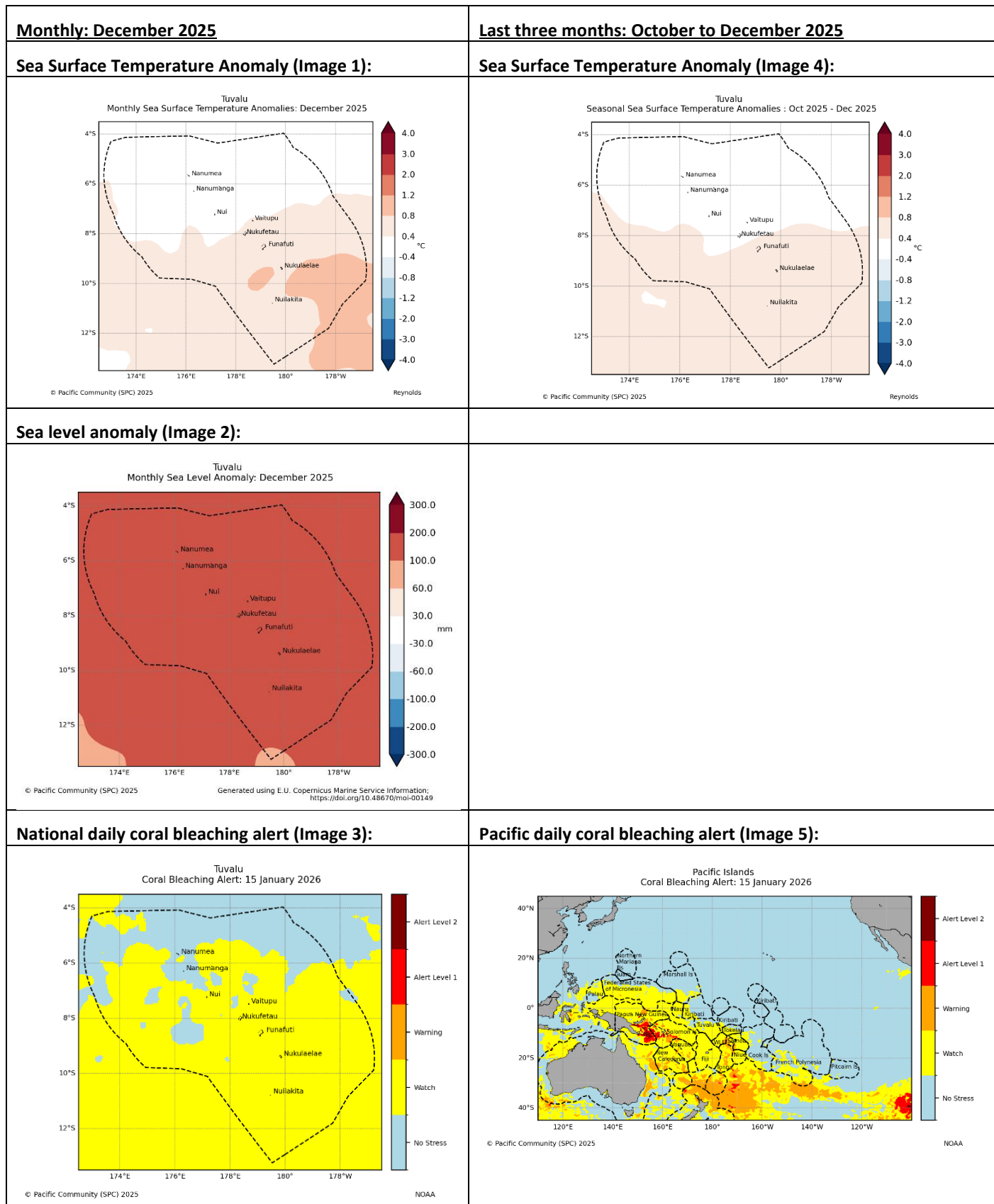
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nanumea (1941-2026)	375.7	Below normal	519.2	755.6	622.0	22/83
Nui (1946-2026)	598.6	Below normal	695.8	907.4	801.2	22/77
Funafuti (1933-2026)	770.5	Below normal	807.6	1010.3	898.9	24/93
Niulakita (1953-2026)	911.3	Normal	779.1	948.8	841.3	43/71

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2026

Monthly: February 2026	Seasonal: February to April 2026
<p>Rainfall (Image 1)</p> <p>Tercile rainfall probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac.</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Rainfall (Image 2)</p> <p>Tercile rainfall probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac.</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p>Monthly Maximum temperature (Image 3):</p> <p>Tercile maximum temperature probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac.</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Seasonal maximum temperature (Image 4):</p> <p>Tercile maximum temperature probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac.</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p>Monthly minimum temperature (Image 5):</p> <p>Tercile minimum temperature probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supported by COSPPac.</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Seasonal minimum temperature (Image 6):</p> <p>Tercile minimum temperature probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</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: December and October to December 2025



Summary Statement

Monthly and last three months: December 2025/October to December 2025 statement

The rainfall for December was below normal over Tuvalu. For the past three months, rainfall was below normal over Nanumea, Nui and Funafuti, while Niulakita was near normal.

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2026

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for February 2026 is likely or very likely to be near-normal over Tuvalu, excepts Niulakita where the outlook offers little guidance.

The rainfall for February to April 2026 is likely or very likely to be near normal over northern group. In central and southern groups, shows February to April 2026 rainfall is likely or very likely to be below normal.

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

Part 2: Recent Ocean summary statement

Monthly and last three months: December 2025/October to December 2025

December and averaged over October to December sea surface temperatures (SSTs) around the northern group were -0.4 to 0.4°C near normal, while the central and southern groups' SSTs were 0.4 to 0.8°C above normal.

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

A coral bleaching on Watch across country.

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2026

Ocean Variable statement

February 2026 sea surface temperatures around Tuvalu are predicted to be 0.4 to 0.8°C above normal, excluding Nukulaelae and Niulakita SSTs, which are predicted to be -0.4 to 0.4 °C near normal.

Averaged over February to April 2026, sea surface temperatures around Tuvalu are predicted to be 0.4 to 0.8°C above normal.

February and averaged over February to April 2026, sea levels around the northern group are predicted to be -30 to 30 mm near normal, while in the central and southern groups, sea levels are predicted to be 30 to 100 mm above normal.

Coral Bleaching outlook indicates on Watch mostly parts of southern Tuvalu EEZ including Nukulaelae and Niulakita.

In brief for Teleconference

- Rainfall was normal for December except Nanumea which recorded below normal. For the October to December period, all the stations observed below normal except Niulakita where rainfall was near normal.
- The rainfall outlook generally indicates normal most likely in February 2026 but normal to below normal for total rainfall over February to April 2026.
- SSTs were near-normal to above normal for December and October to December. The outlook shows near-normal to above normal SSTs for the next month and above normal for the next three months.
- Sea levels were above normal for December. Near normal to above normal sea levels are predicted for February and February to April 2026.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (November 2025)

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			
	ClimateChange	1		1		
	Tuvalu Maritime	1		1		
	School					
	Fusialofa Association	1		1		
	Tuvalu National Woman Council (TWC)	1		1		
	EAR Watch	MET Staff	30	18		
Disaster Dept		2	1			
TRC		2				
TuCAN		1	1			
Agriculture		3	2			

	Head Quarter (PWIDW)	2	1			
	All-Island Council	14	10			
	Permanent					
	Sec Gov	1	1			
	Fisheries Dept	2	1			
	Health Dept	2	1			
	TEC Dept	1	1			
	Environment	1	1			
	ClimateChange	1	1			
	Tuvalu Maritime	1				
	School	1				
	Fusialofa Association	1				
	Tuvalu National Woman Council (TWC)					
Monthly Climate Briefing						
Ocean Outlook	MET Staff	30	18			
	Disaster Dept	2	1			
	TRC	2				
	TuCAN	1	1			
	Agriculture	3	2			
	Head Quarter (PWIDW)	2	1			
	All-Island Council	14	10			
	Permanent					
	Sec Gov	1	1			
	Fisheries Dept	2	1			
	Health Dept	2	1			
	TEC Dept	1	1			
	Environment	1	1			
	ClimateChange	1	1			
	Tuvalu Maritime	1				
	School					
	Fusialofa Association	1				
	Tuvalu National Woman Council (TWC)	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	N
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	Y	N
Research & education sector	Y	N
Women's <input type="checkbox"/> organisations	Y	N
National disability organisations	Y	N
Community based organisations (e.g. councils)	Y	Y
Products offered in local dialects/ languages	N	N