

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 219

Country: PNG

Part 1: Recent climate

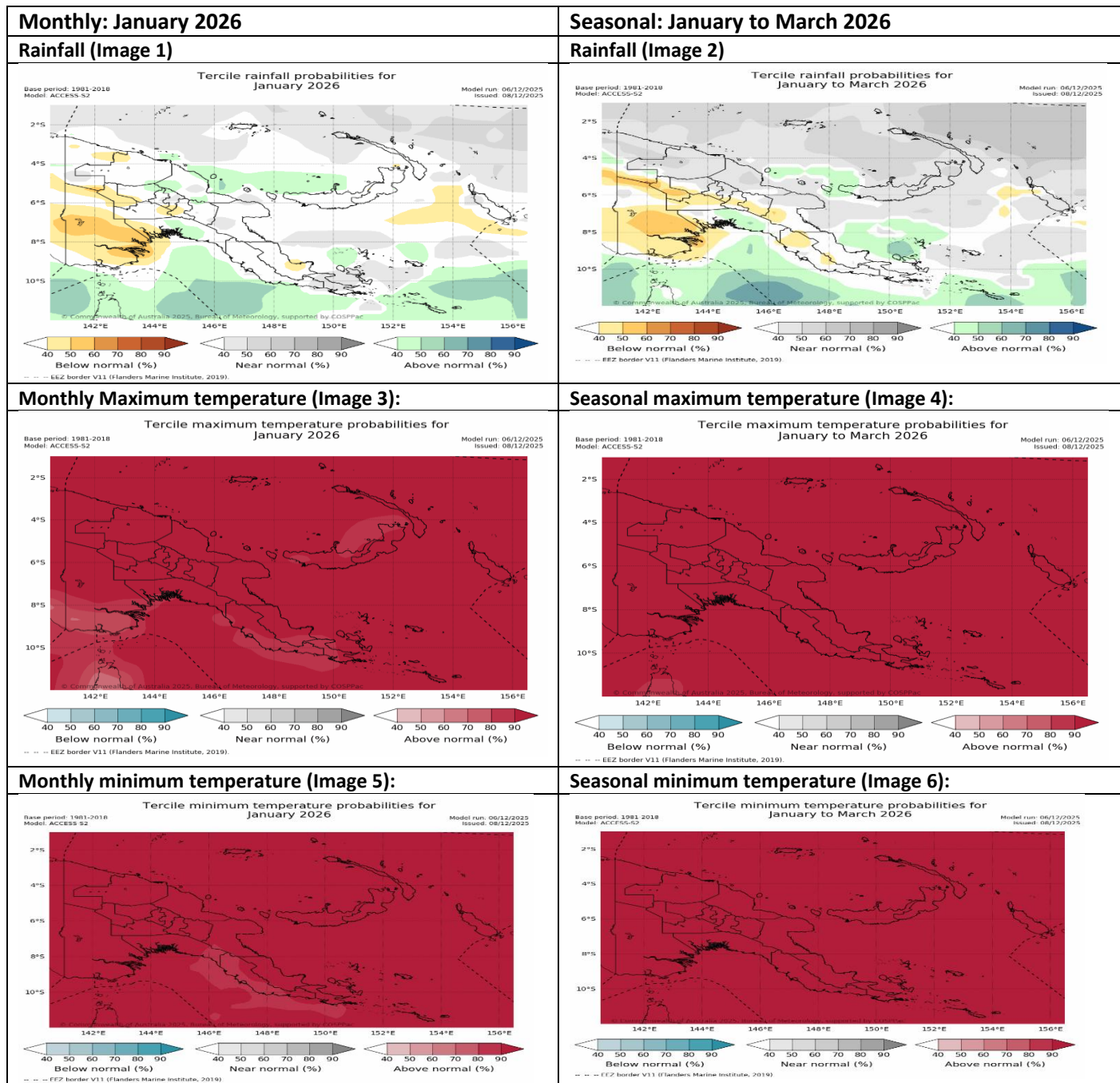
TABLE 1: Monthly Rainfall

Station (include data period)	Sep-2025	Oct-2025	Nov-2025					Rank
			Total (mm)	33%tile	67%tile	Median		
	Total (mm)	Total (mm)	Rainfall (mm)					
<i>Momase Region</i>								
Madang (1944-2025)				273.9	364.3	324.1		
Nadzab (1973-2025)	122.8			79.3	110.1	90.0		
Wewak (1956-2025)	270.2	263.2	266.6	153.6	236.8	195.6	53/68	
Vanimo (1918-2025)	106.2	290.8	307.2	162.2	241.7	200.8	63/69	
<i>Highlands Region</i>								
Goroka (1948-2025)	20.6	112.6	193.2	133.0	185.8	157.0	42/58	
<i>New Guinea Islands Region</i>								
Momote (1949-2025)				190.2	287.4	236.8		
Kavieng (1916-2025)	195.2			196.3	270.0	231.1		
<i>Southern Region</i>								
Misima (1917-2025)				119.4	219.0	164.4		
Port Moresby (1875-2025)	37.0	49.2	278.6	22.1	79.5	45.9	126/128	

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

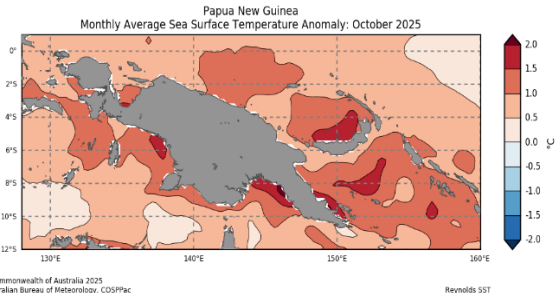
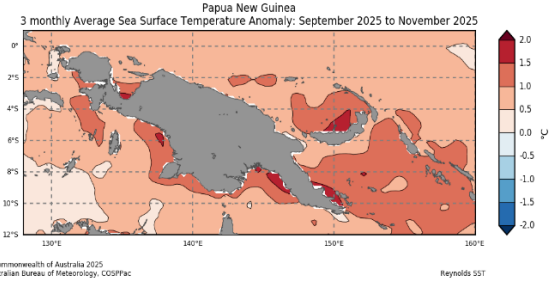
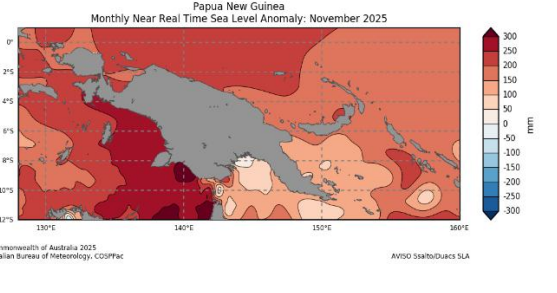
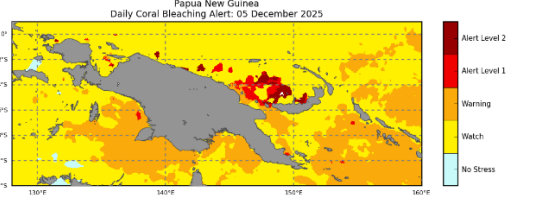
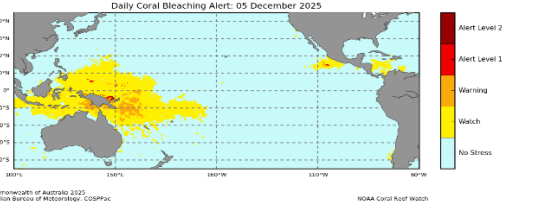
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
<i>Momase Region</i>						
Madang (1944-2025)			618.0	836.3	690.3	
Nadzab (1973-2025)			239.9	344.5	292.9	
Wewak (1894-2025)	800.0	Above normal	529.3	674.8	592.8	56/65
Vanimo (1918-20245)	704.2	Above normal	502.5	640.2	554.4	54/64
<i>Highlands Region</i>						
Goroka (1948-2025)	326.4	Below normal	353.3	478.8	423.0	14/57
<i>New Guinea Islands Region</i>						
Momote (1949-2025)			633.4	779.0	727.0	
Kavieng (1917-2025)			554.7	757.4	682.4	
<i>Southern Region</i>						
Misima (1917-2025)			495.9	795.7	676.0	
Port Moresby (1875-2025)	364.8	Above normal	84.3	163.6	112.2	115/117

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

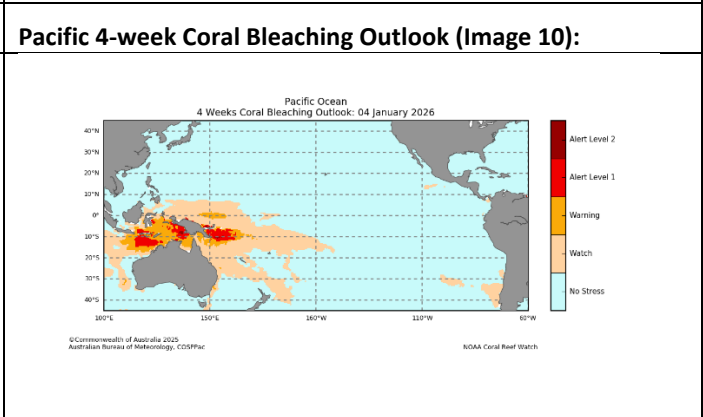
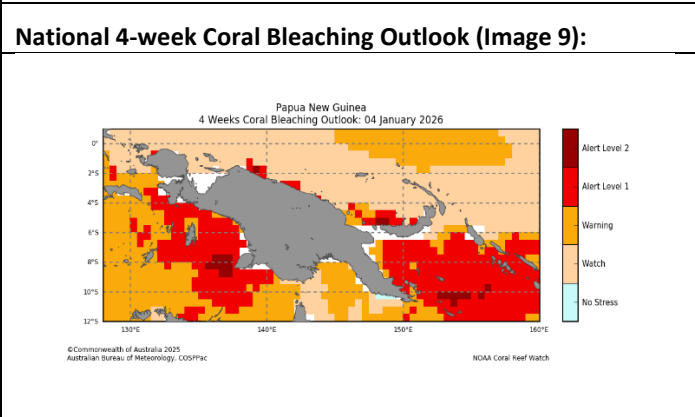
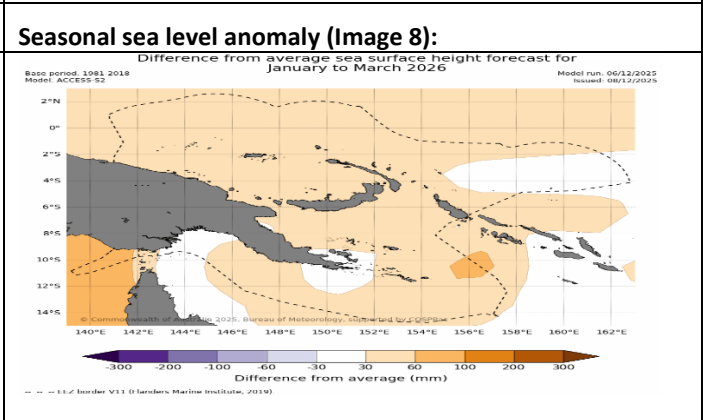
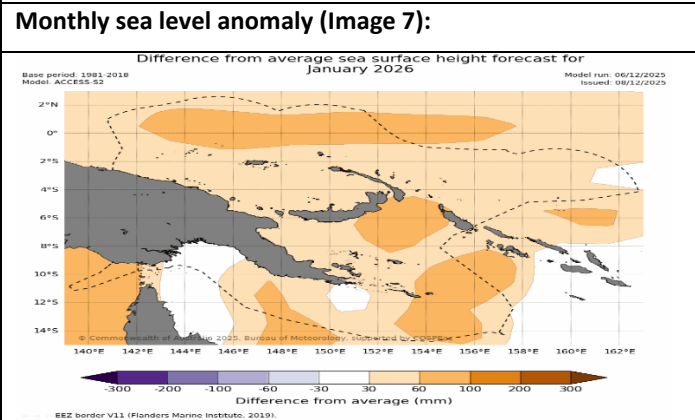
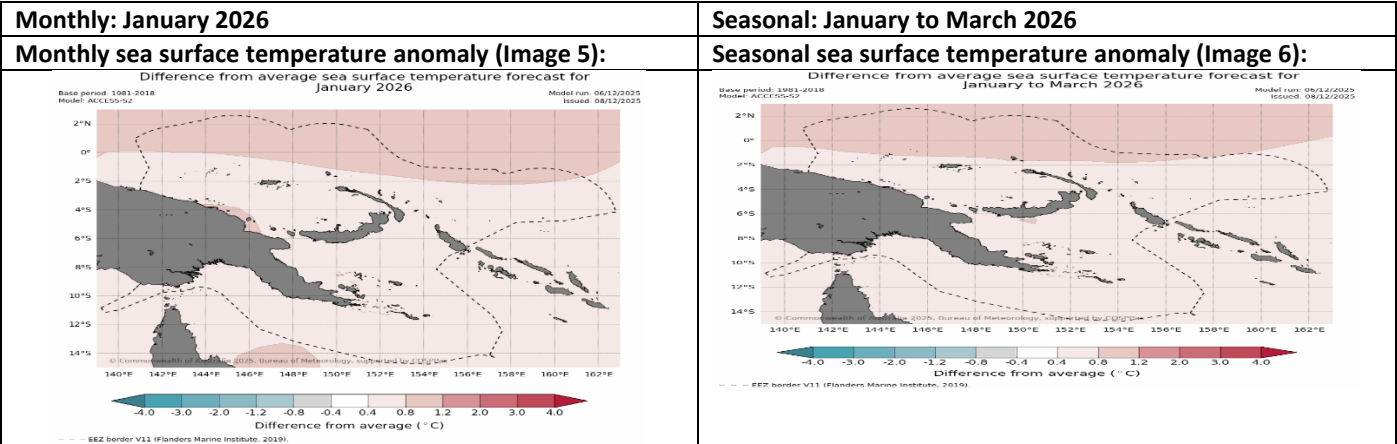


Part 2: Recent Ocean Observation

Monthly/Three months: November and September to November 2025

Monthly: November 2025	Last three months: September to November 2025
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Papua New Guinea Monthly Average Sea Surface Temperature Anomaly: October 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>Papua New Guinea 3 monthly Average Sea Surface Temperature Anomaly: September 2025 to November 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>
<p>Sea level anomaly (Image 2):</p>  <p>Papua New Guinea Monthly Near Real Time Sea Level Anomaly: November 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac AVISO SeaTopo/ARCS SLA</p>	
<p>National daily coral bleaching alert (Image 3):</p>  <p>Papua New Guinea Daily Coral Bleaching Alert: 05 December 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>	<p>Pacific daily coral bleaching alert (Image 5):</p>  <p>Pacific Ocean Daily Coral Bleaching Alert: 05 December 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>

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



Summary Statement

Monthly and last three months: November 2025/September to November 2025 statement

The rainfall for November was above normal over PNG. Vanimo recorded its 7th highest November rainfall while Port Moresby registered its 3rd highest. For the past three months, rainfall was above normal over PNG except Goroka with below normal rainfall. Port Moresby recorded its 3rd highest for the period from September to November.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for January and January to March 2026 is likely to be near normal to below normal over PNG except Milne Bay, Gulf, Madang and West New Britain may possibly receive normal to above normal rainfall.

Maximum and minimum temperatures during January and January to March 2026 are likely to be above normal over PNG.

Part 2: Recent Ocean summary statement

Monthly and last three months: November 2025/September to November 2025

November sea surface temperatures (SSTs) around PNG were 0.5 to 1.5°C above normal.

Averaged over September to November, sea surface temperatures around PNG were 0.5 to 2.0°C above normal.

November sea levels around PNG were 50 to 150 mm above normal.

A coral bleaching Alert Level 1 and 2 are currently in effect for northern waters of PNG as of 05th December.

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

Ocean Variable statement

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

Averaged over January to March 2026, sea surface temperatures around PNG are predicted to be 0.4 to 0.8°C above normal.

January 2026 sea levels around PNG are predicted to be 30 to 60 mm above normal.

Averaged over January to March 2026, sea levels around PNG are predicted to be 30 to 60 mm above normal.

Coral Bleaching outlook indicates Alert Level 1 and 2 status for the next 12 weeks.

In brief for Teleconference

- Rainfall was above normal for November and September to November, except Goroka received below normal rainfall during September to November.
- The rainfall outlook generally indicates below normal to normal most likely in January and January to March 2026.
- SSTs were above normal for November and September to November. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for November. Above normal sea levels are predicted for January and January to March 2026.
- There is a Coral bleaching Alert level 1 and 2 in place for PNG

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)
OK Tedi Climate Update	Staff of OK Tedi	11	10	1		
Drought Update	Government, NGOs, Companies, Schools,	254	196	58		
Climate data request		6	4	2		
Total		271	210	61		

Stakeholder category	Do your products reach this group? (Y/N)	Tailored product? (Y/N)
Agriculture sector		
Disaster Risk Reduction sector		
Energy sector		
Health sector		
Water sector		
Fisheries and Aquaculture sector		
Tourism sector		
Maritime sector		
Research & education sector		
Women's [] organisations		
National disability organisations		
Community based organisations (e.g. councils)		
Products offered in local dialects/ languages		