

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 222

Country: PNG

Part 1: Recent climate

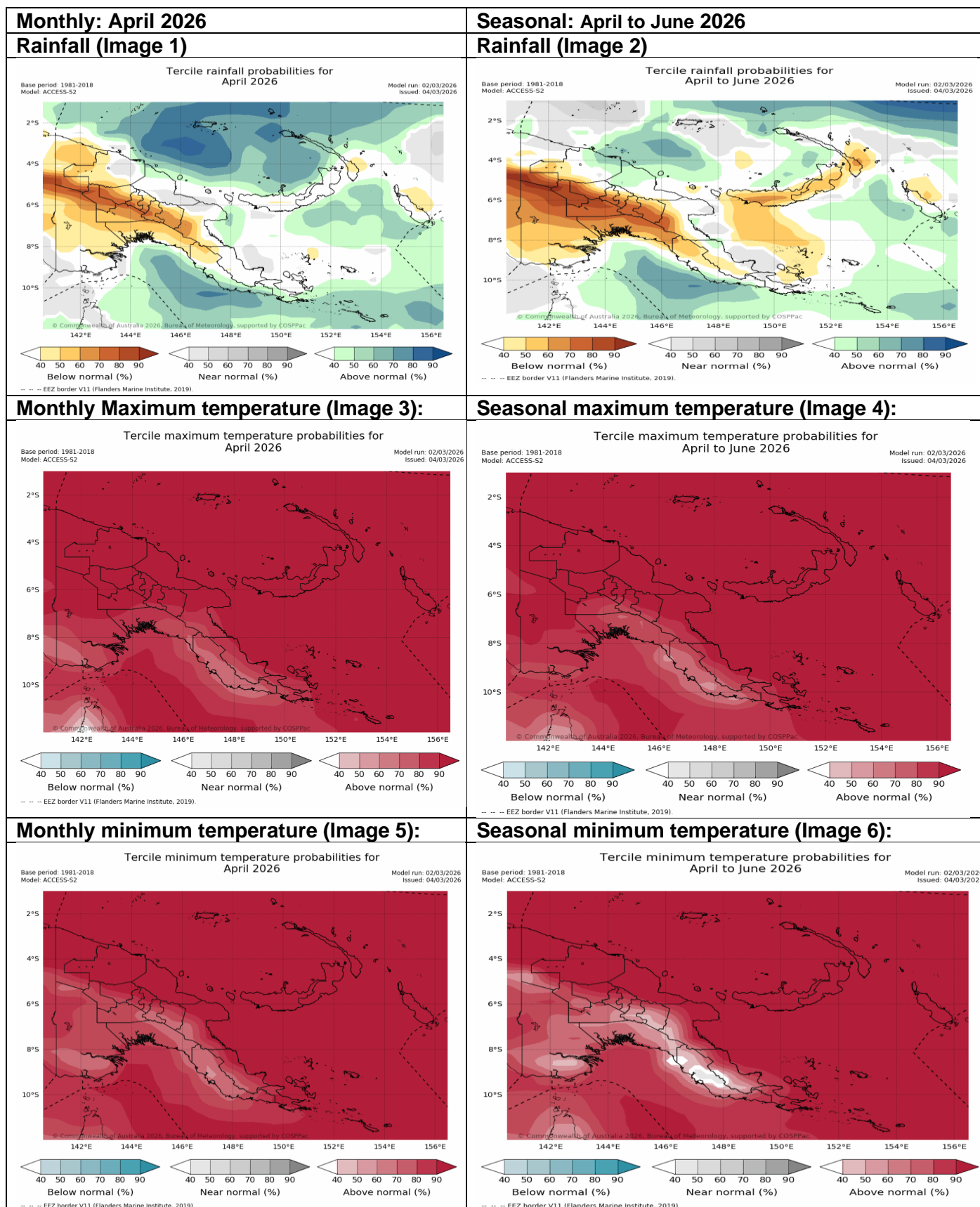
TABLE 1: Monthly Rainfall

Station (include data period)	Dec-2025	Jan-2026	Feb-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Momase Region							
Madang (1944-2026)		160.2	130.0	232.2	335.0	268.7	4/74
Nadzab (1973-2026)	101.8	187.8	193.0	114.9	187.4	155.8	35/51
Wewak (1956-2026)	307.2	87.2	171.2	104.0	147.2	121.6	53/70
Vanimo (1918-2026)	209.6			211.3	328.9	285.5	
Highlands Region							
Goroka (1948-2026)	136.2	286.4	301.0	194.0	265.0	228.4	47/63
New Guinea Islands Region							
Momote (1949-2026)				203.5	292.5	227.2	
Kavieng (1916-2026)		194.3	279.3	226.2	305.3	264.4	50/94
Southern Region							
Misima (1917-2026)				185.8	327.0	248.0	
Port Moresby (1875-2026)	187.8	212.6	140.2	125.8	220.0	171.9	49/138

TABLE 2: Three-month Total Rainfall for December 2025 to February 2026

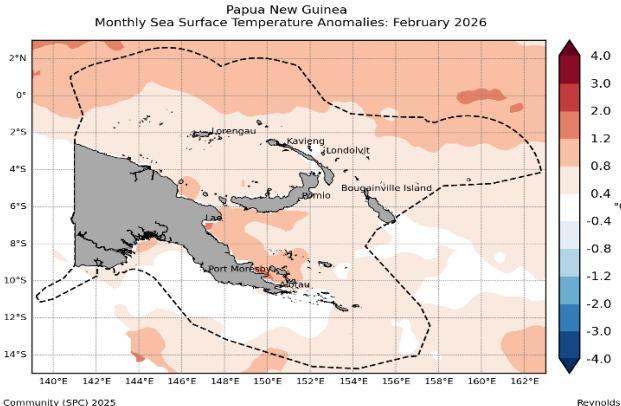
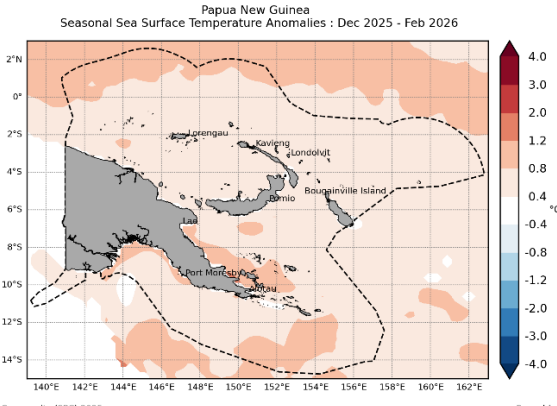
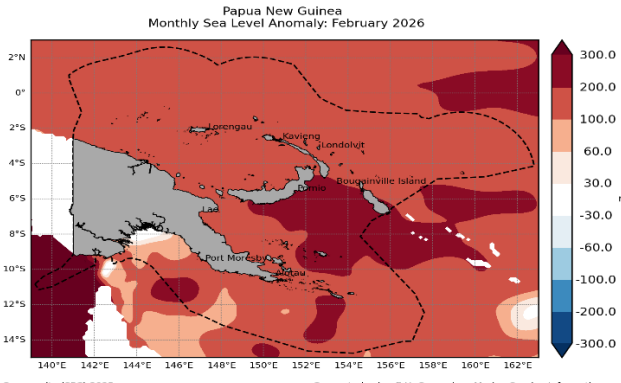
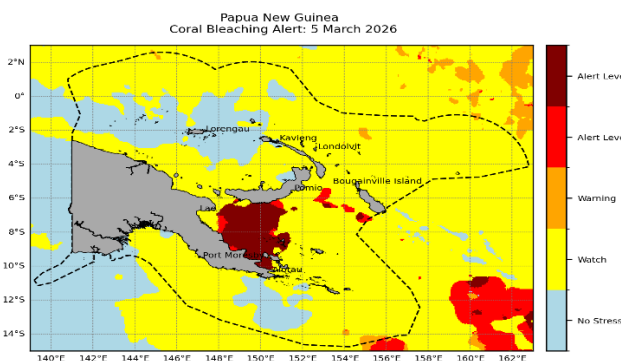
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Momase Region						
Madang (1944-2026)			926.0	1110.2	1019.0	
Nadzab (1973-2026)	482.6	Normal	423.8	510.0	489.0	24/49
Wewak (1894-2026)	565.6	Above normal	361.8	461.2	414.4	62/69
Vanimo (1918-2026)			746.7	925.3	817.1	
Highlands Region						
Goroka (1948-2026)	723.6	Normal	636.3	740.9	702.0	31/55
New Guinea Islands Region						
Momote (1949-2026)			758.5	872.4	806.8	
Kavieng (1917-2026)			835.5	970.5	884.6	
Southern Region						
Misima (1917-2026)			657.3	876.9	759.2	
Port Moresby (1875-2026)	540.6	Normal	442.0	596.7	505.0	84/133

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



Part 2: Recent Ocean Observation

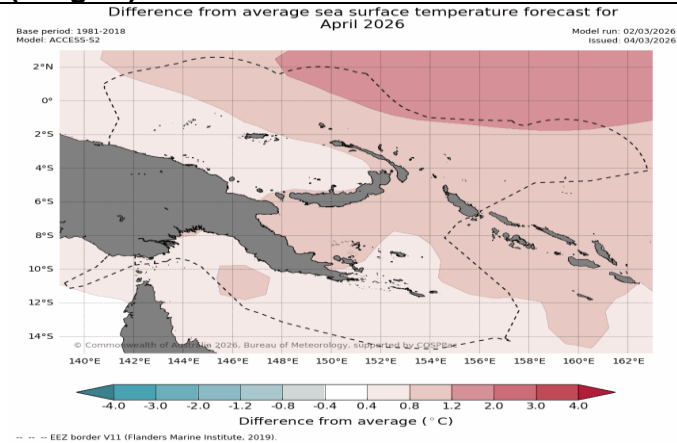
Monthly/Three months: February and December 2025 to February 2026

Monthly: February 2026	Last three months: December 2025 to February 2026
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Papua New Guinea Monthly Sea Surface Temperature Anomalies: February 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>Papua New Guinea Seasonal Sea Surface Temperature Anomalies : Dec 2025 - Feb 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>
<p>Sea level anomaly (Image 2):</p>  <p>Papua New Guinea Monthly Sea Level Anomaly: February 2026</p> <p>© Pacific Community (SPC) 2025 Generated using E.U. Copernicus Marine Service Information: https://doi.org/10.48670/moi-00149</p>	
<p>National daily coral bleaching alert (Image 3):</p>  <p>Papua New Guinea Coral Bleaching Alert: 5 March 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p>	<p>Pacific daily coral bleaching alert (Image 5):</p>

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

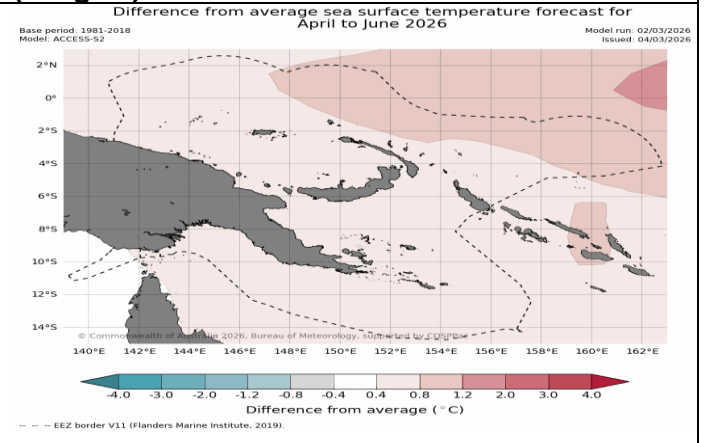
Monthly: April 2026

Monthly sea surface temperature anomaly (Image 5):

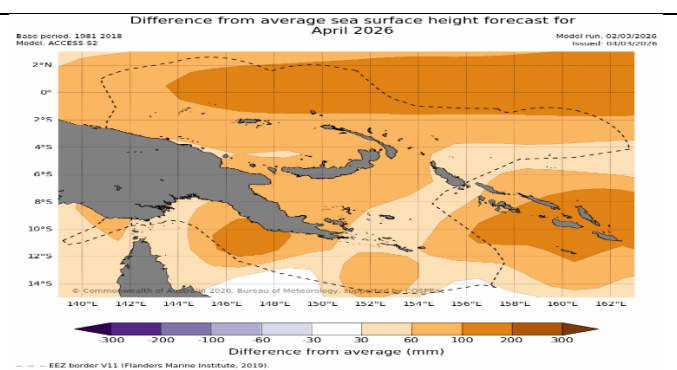


Seasonal: April to June 2026

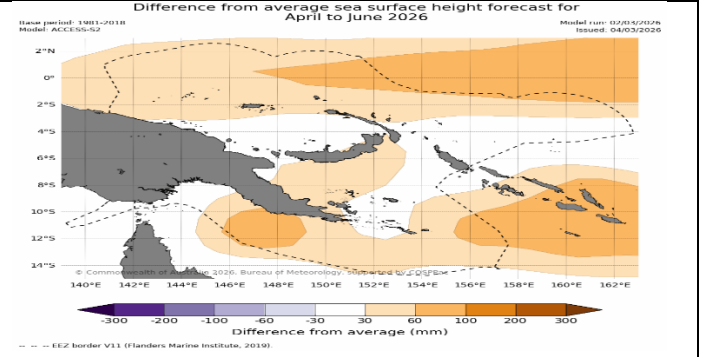
Seasonal sea surface temperature anomaly (Image 6):



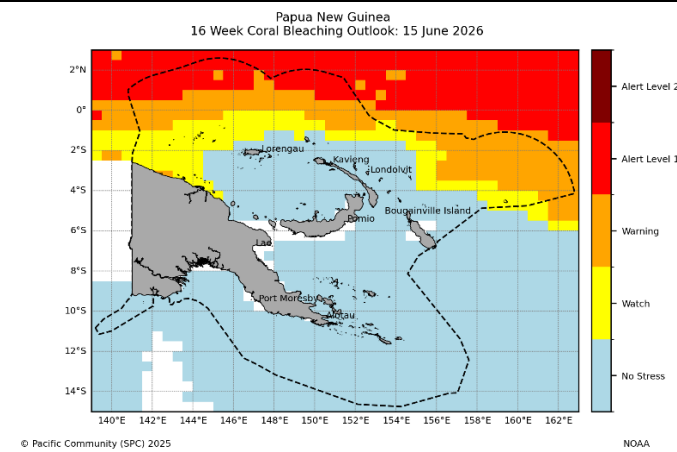
Monthly sea level anomaly (Image 7):



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: February/December 2025 to February 2026 statement

The rainfall for February was near normal to above normal across PNG except Madang received below normal rainfall.

Madang recorded the 4th driest February on record.

December to February rainfall was normal in all observed stations except Wewak recorded above normal.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for April and April to June 2026 is likely to be below normal to above normal over PNG except Kavieng and Manus are likely to receive normal to above normal rainfall.

Maximum and minimum temperatures during April 2026 and April to June are likely to be near normal to above normal over PNG

Part 2: Recent Ocean summary statement

Monthly and last three months: February/December 2025 to February 2026

February sea surface temperatures (SSTs) around PNG were 0.4 to 0.8°C above normal.

Averaged over December 2025 to February 2026, sea surface temperatures around PNG were 0.4 to 0.8°C above normal.

February sea levels around PNG were 100 to 200 mm above normal.

A coral bleach Alert 2 currently in effect for West New Britain and Oro province as of 5th March.

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

Ocean Variable statement

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

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

April 2026 sea levels around PNG are predicted to be 30 to 100mm above normal.

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

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

In brief for Teleconference

- Rainfall was below normal above normal for February and December 2025 to February 2026, except Wewak where rainfall was above normal for both periods.
- The rainfall outlook generally indicates below normal to normal most likely in April 2026 and for total rainfall over April to June 2026 except Manus and Kavieng predicted to receive above normal rainfall.
- SSTs were near to above normal for February and December 2025 to February 2026. The outlook shows normal to above SSTs for the next one and three months.
- Sea levels were above normal for February. Above normal sea levels are predicted for April and April to June 2026.

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

Product	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Comments (If there are comments from you Stakeholders)
Ok Tedi Briefing	11 th	10	9	1		
Ok Tedi Briefing	28 th	10	9	1		
Drought Watch	Govt, Private sector, NGOs, staff	252	195	57		
Climate data request	Govt, Private sector, NGOs, staff	6	4	2		
Total		278	217	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		

