

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 223

Country: PNG

Part 1: Recent climate

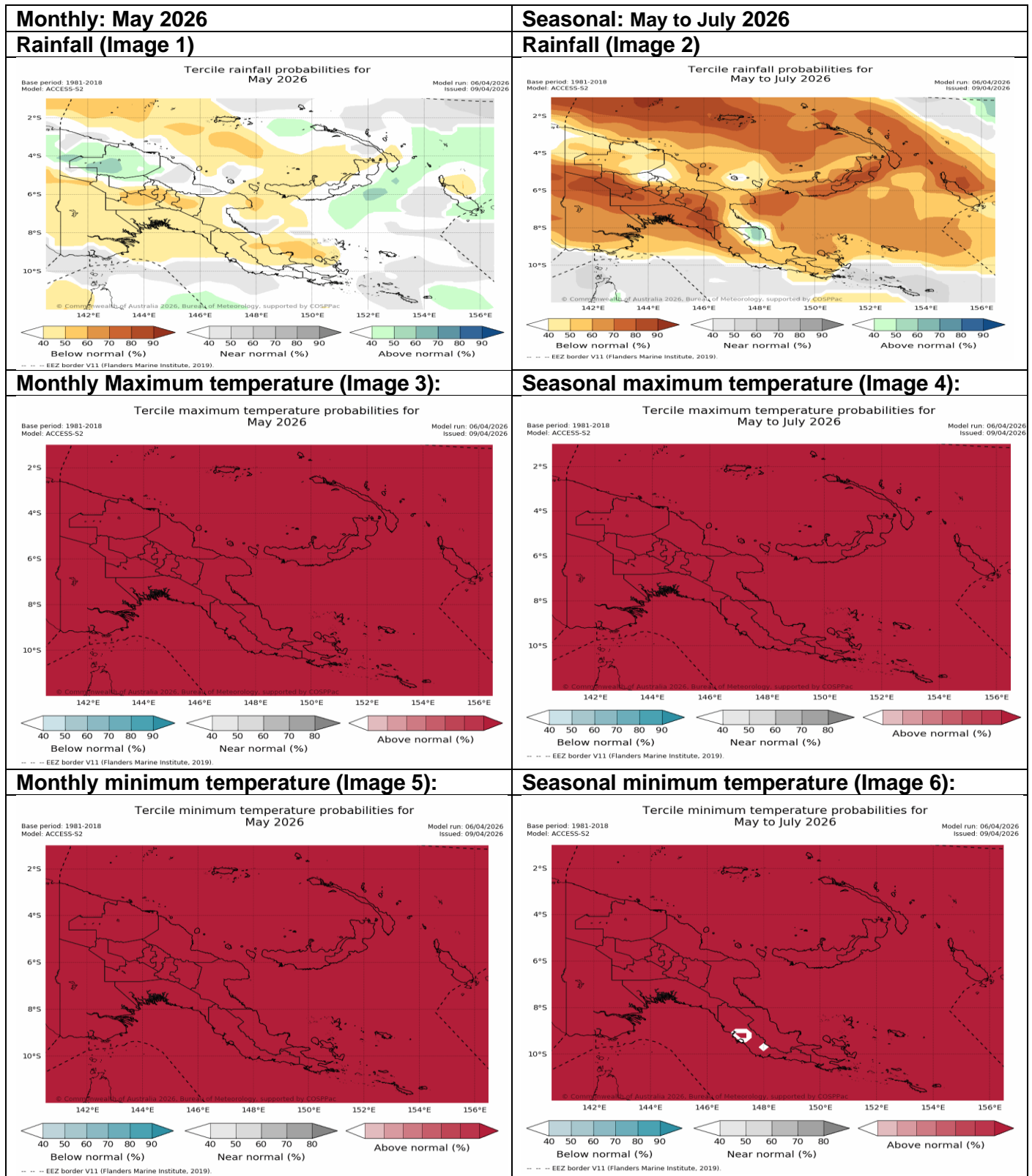
TABLE 1: Monthly Rainfall

Station (include data period)	Jan-2026	Feb-2026	Mar-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Momase Region							
Madang (1944-2026)	160.2	130.0	239.8	309.7	401.3	343.6	10/74
Nadzab (1973-2026)	187.8	193.0	98.4	141.0	201.8	158.8	8/50
Wewak (1956-2026)	87.2	171.2		132.3	184.0	153.4	
Vanimo (1918-2026)				214.8	350.2	279.2	
Highlands Region							
Goroka (1948-2026)	286.4	301.0	230.6	208.2	279.4	241.0	30/64
New Guinea Islands Region							
Momote (1949-2026)				262.0	333.0	291.0	
Kavieng (1916-2026)	194.3	279.3	194.3	269.5	371.7	326.3	19/93
Tokua (1995-2026)	61.0	257.6	210.0	178.9	239.8	208.1	17/31
Southern Region							
Misima (1917-2026)				202.6	320.0	218.1	
Port Moresby (1875-2026)	212.6	140.2	209.4	160.0	280.4	252.0	81/138

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

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Momase Region						
Madang (1944-2026)	530.0	Below normal	897.6	1083.0	975.8	2/73
Nadzab (1973-2026)	479.2	Normal	431.6	517.9	470.0	28/49
Wewak (1894-2026)			381.6	455.6	428.3	
Vanimo (1918-2026)			767.8	983.6	881.0	
Highlands Region						
Goroka (1948-2026)	818.0	Above normal	642.3	779.0	709.2	45/59
New Guinea Islands Region						
Momote (1949-2026)			751.3	881.1	804.6	
Kavieng (1917-2026)	667.9	Below normal	841.0	1000.0	919.0	18/89
Tokua (1995-2026)	528.6		495.6	743.2	561.6	13/28
Southern Region						
Misima (1917-2026)			697.9	908.3	783.3	
Port Moresby (1875-2026)	562.2	Normal	536.0	704.0	611.2	64/138

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

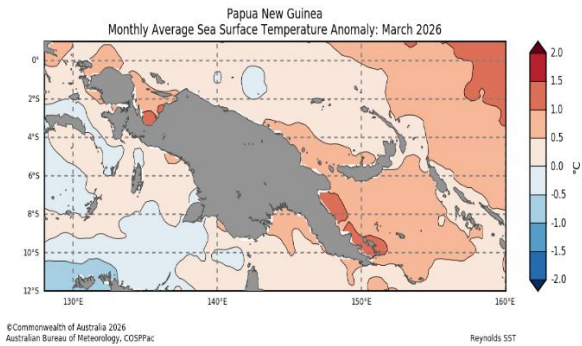


Part 2: Recent Ocean Observation

Monthly/Three months: March and January to March 2026

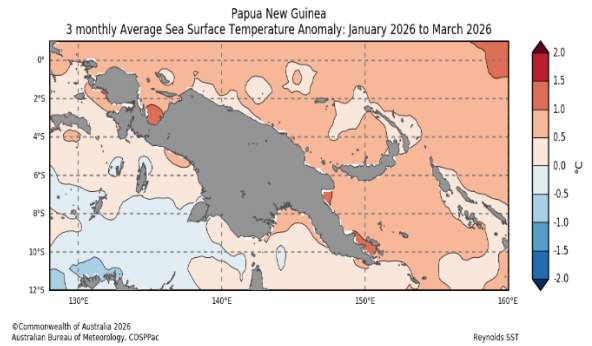
Monthly: March 2026

Sea Surface Temperature Anomaly (Image 1):

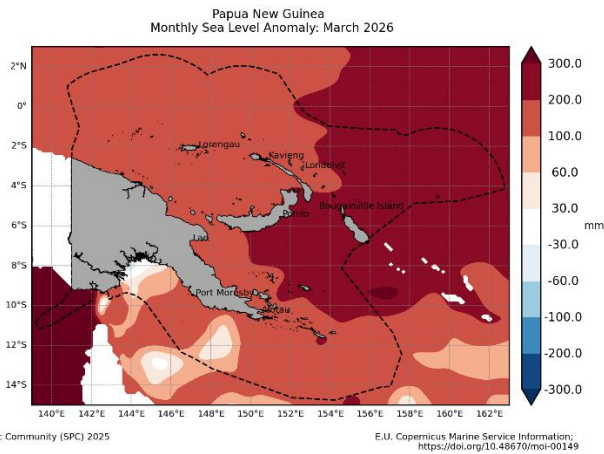


Last three months: January to March 2026

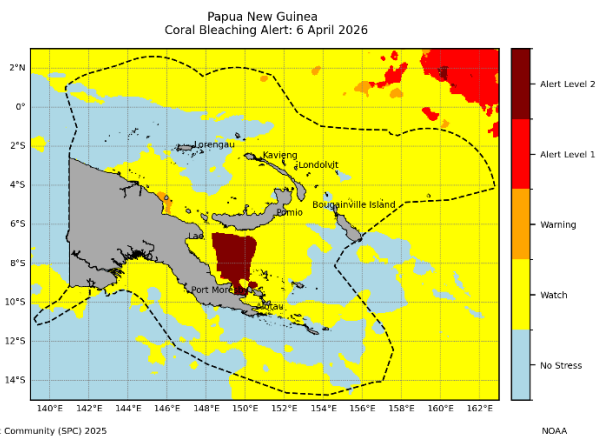
Sea Surface Temperature Anomaly (Image 4):



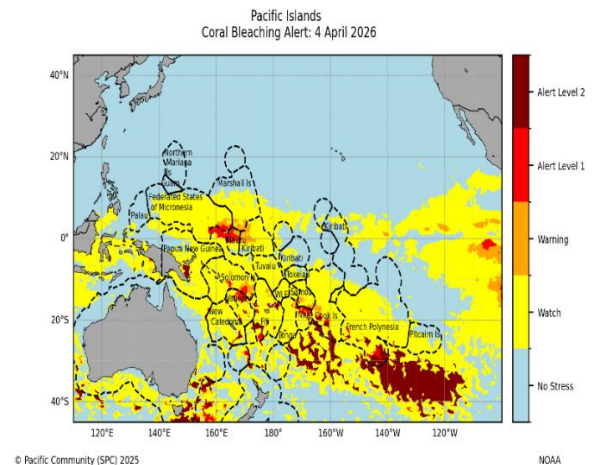
Sea level anomaly (Image 2):



National daily coral bleaching alert (Image 3):



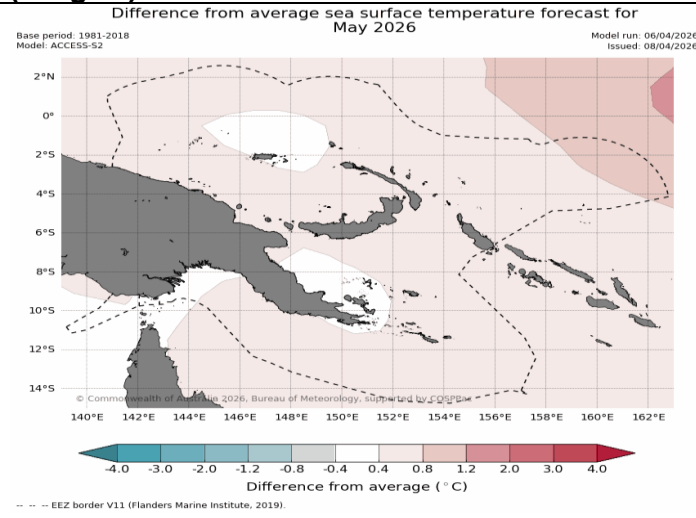
Pacific daily coral bleaching alert (Image 5):



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

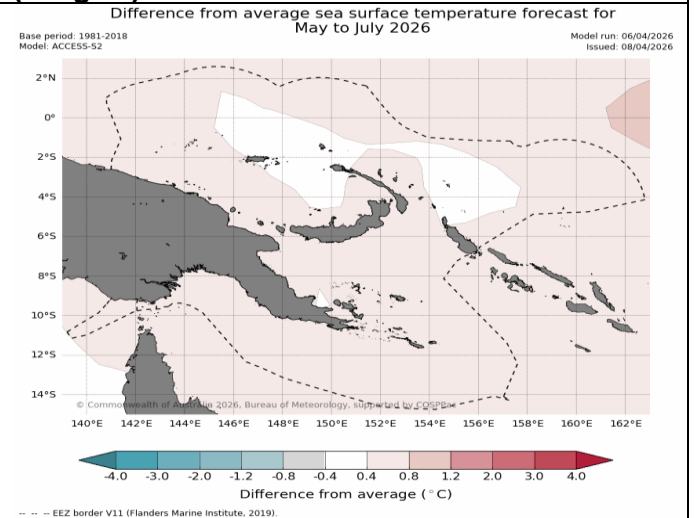
Monthly: May 2026

Monthly sea surface temperature anomaly (Image 5):

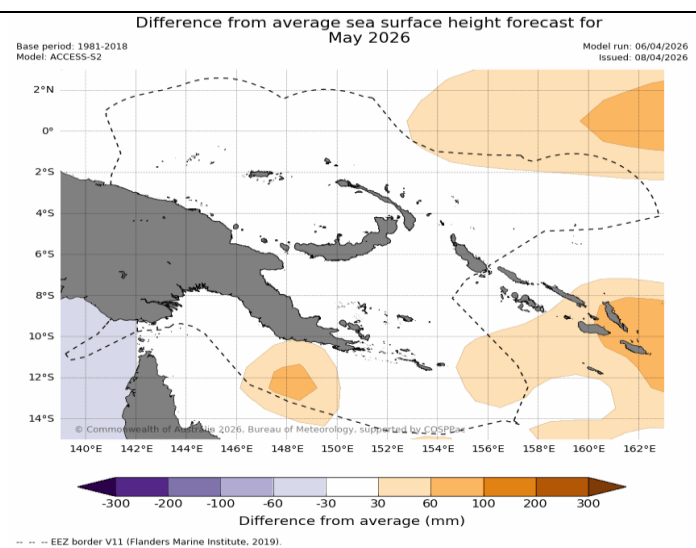


Seasonal: May to July 2026

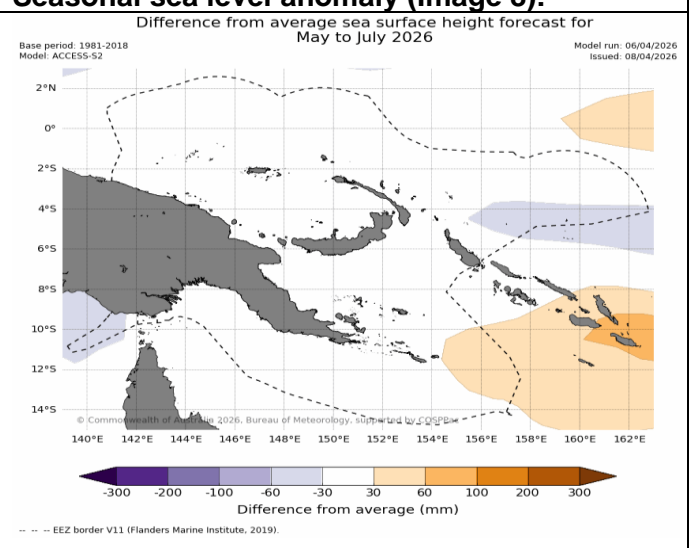
Seasonal sea surface temperature anomaly (Image 6):



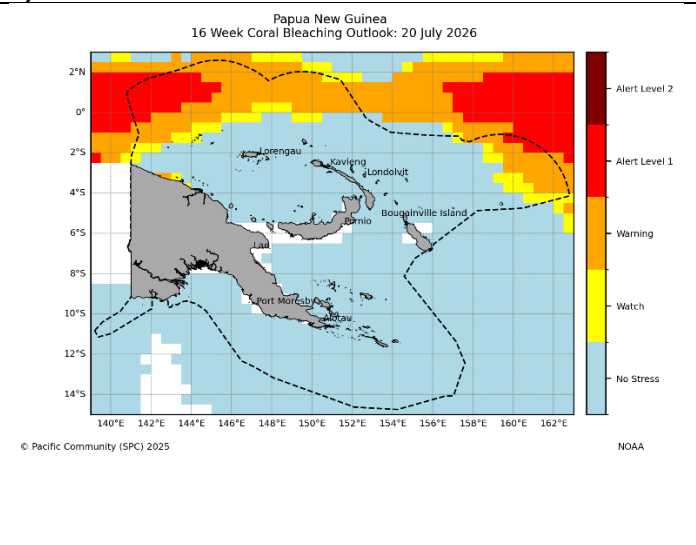
Monthly sea level anomaly (Image 7):



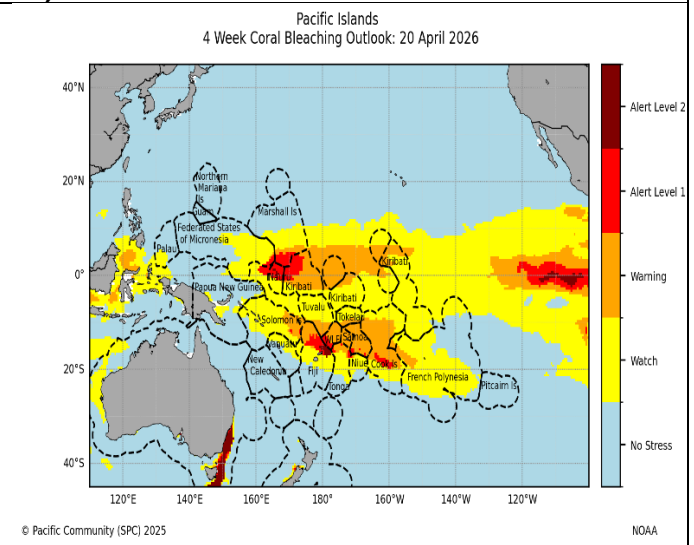
Seasonal sea level anomaly (Image 8):



National 4-week Coral Bleaching Outlook (Image 9):



Pacific 4-week Coral Bleaching Outlook (Image 10):



Summary Statement

Monthly and last three months: March/January to March 2026 statement

The rainfall for March was below normal for Madang, Nadzab and Kavieng and normal over Goroka, Port Moresby and Tokua. For the past three months, rainfall was above normal for Goroka, below normal for Madang and Kavieng. Rest of the stations received normal rainfall.

Madang experienced drier than normal conditions over the past one and three months and recorded its 2nd driest for that period.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for May 2026 is likely to be near normal to above normal for East, West Sepik and South Bougainville. Rest of PNG is expected to receive below normal rainfall. May to July forecasts show below normal rainfall across PNG.

Maximum and minimum temperatures during May 2026 and May to July are very likely to be above normal over PNG

Part 2: Recent Ocean summary statement

Monthly and last three months: March/January to March 2026

March sea surface temperatures (SSTs) around PNG were average to 0.1°C above normal.

Averaged over January to March 2026, sea surface temperatures around PNG were average to 0.1°C above normal.

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

Ocean Variable statement

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

Averaged over May to July 2026, sea surface temperatures around PNG are predicted to be average to 0.4°C above normal.

May 2026 sea levels around PNG are predicted to be average to 30 mm above normal.

Averaged over May to July 2026, sea levels around PNG are predicted to be average.

In brief for Teleconference

- Rainfall was near-normal to below normal for March and January to March 2026, except Goroka received above normal over the three months period.
- The rainfall outlook generally indicates below normal across PNG May and May to July 2026.
- SSTs were above normal for March and January to March 2026. The outlook shows normal to above normal SSTs for the next one and three months.
- Average sea levels are predicted for May and May to July 2026.

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

<i>Product</i>	<i>Stakeholder</i>	<i>Total Number of Participants</i>	<i>Number of Male</i>	<i>Number of Female</i>	<i>Disability</i>	<i>Age group</i>	<i>Comments (If there are comments from you Stakeholders)</i>
OK Tedi Briefing	Private sector	14	13	1			
Drought Update	Govt, Private sector, NGOs, staff	252	195	57			
Climate data request	Private sector, staff	3	2	1			
Total							

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

