

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 224

Country: Papua New Guinea

Part 1: Recent climate

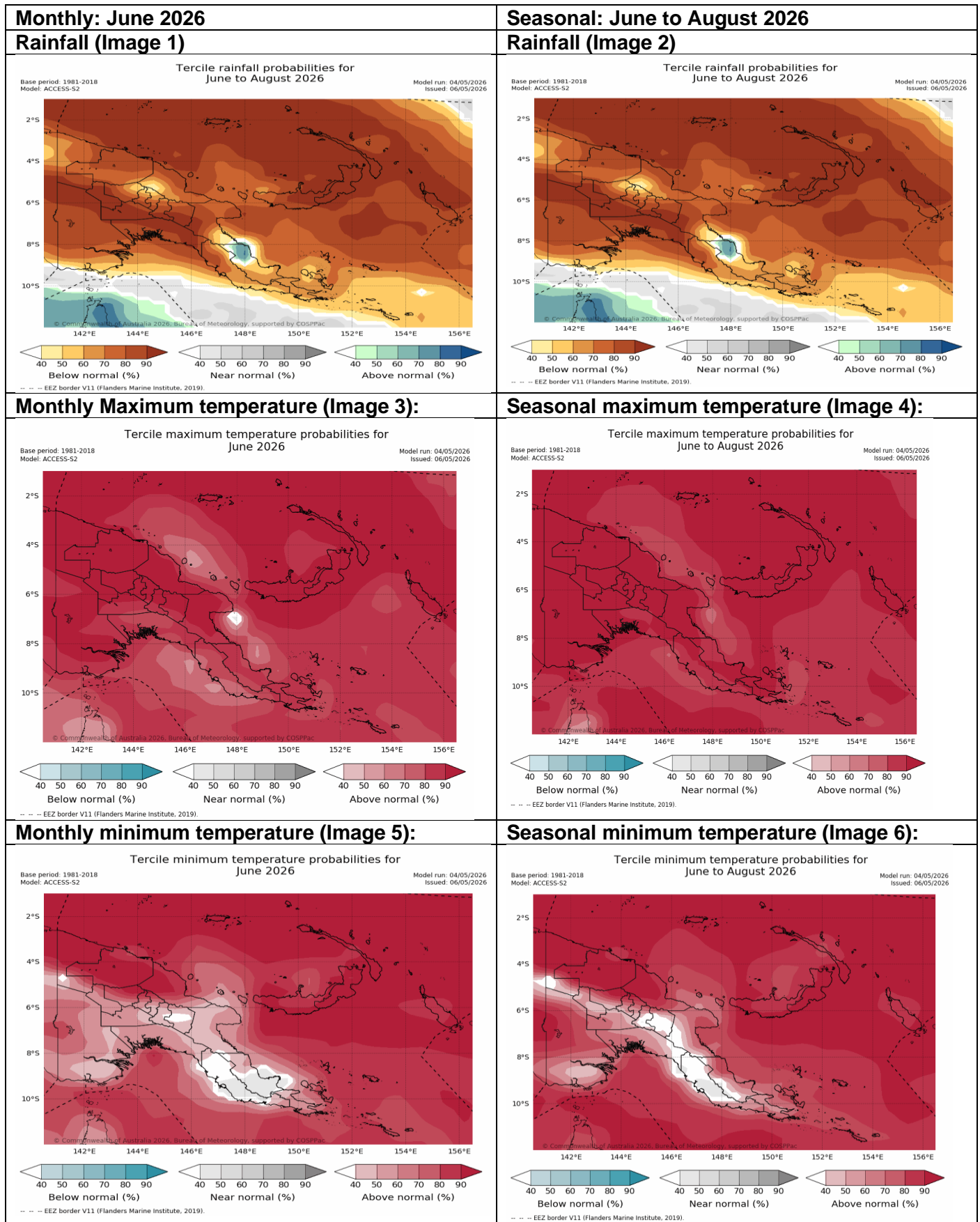
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2026	Mar-2026	Apr-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Momase Region							
Madang (1944-2026)	130	239.8	467	328.7	456.0	396.0	51/72
Nadzab (1973-2026)				88.0	160.2	103.8	
Wewak (1956-2026)	171.2	261.6	238.6	163.0	235.5	189.3	47/68
Vanimo (1918-2026)				184.0	278.2	229.0	
Highlands Region							
Goroka (1948-2026)				162.8	214.8	191.8	
New Guinea Islands Region							
Momote (1949-2026)				228.2	291.8	264.4	
Kavieng (1916-2026)	279.3	194.3	210.8	269.8	324.9	296.4	19/95
Tokua (1995-2026)	257.6	210.0	369.6	185.0	236.4	227.4	27/28
Southern Region							
Misima (1917-2026)				206.0	308.0	244.0	
Port Moresby (1875-2026)	140.2	209.4	30.4	83.5	141.7	106.0	12/134

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

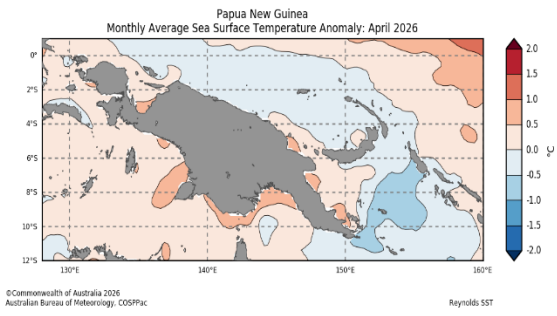
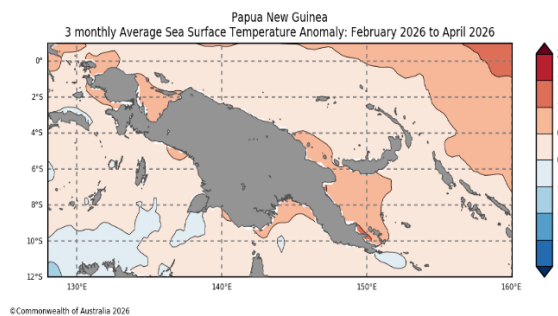
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Momase Region						
Madang (1944-2026)	836.8	Below normal	945.2	1149.4	1046.4	14/72
Nadzab (1973-2026)			397.6	494.0	455.2	
Wewak (1894-2026)	671.4	Above normal	436.1	530.8	483.4	58/67
Vanimo (1918-2026)			728.3	909.3	834.6	
Highlands Region						
Goroka (1948-2026)			612.0	746.2	673.4	
New Guinea Islands Region						
Momote (1949-2026)			748.9	901.7	797.9	
Kavieng (1917-2026)	684.4	Below normal	823.4	958.1	893.6	15/91
Tokua (1995-2026)	837.2	Above normal	535.1	686.1	645.3	22/25
Southern Region						
Misima (1917-2026)			709.9	940.9	827.2	
Port Moresby (1875-2026)	380.0	Below normal	471.9	604.0	540.5	26/133

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



Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2026

<p>Monthly: April 2026</p>	<p>Last three months: February to April 2026</p>
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Papua New Guinea Monthly Average Sea Surface Temperature Anomaly: April 2026</p> <p>©Commonwealth of Australia 2026 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>Papua New Guinea 3 monthly Average Sea Surface Temperature Anomaly: February 2026 to April 2026</p> <p>©Commonwealth of Australia 2026 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>
<p>Sea level anomaly (Image 2):</p>	
<p>National daily coral bleaching alert (Image 3):</p>	<p>Pacific daily coral bleaching alert (Image 5):</p>

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

Monthly: June 2026	Seasonal: June to August 2026
Monthly sea surface temperature anomaly (Image 5):	Seasonal sea surface temperature anomaly (Image 6):
<p>Difference from average sea surface temperature forecast for June 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 04/05/2026 Issued: 06/05/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supplied by GCSpace</p> <p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Difference from average sea surface temperature forecast for June to August 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 04/05/2026 Issued: 06/05/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supplied by GCSpace</p> <p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p>
Monthly sea level anomaly (Image 7):	Seasonal sea level anomaly (Image 8):
<p>Difference from average sea surface height forecast for June 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 04/05/2026 Issued: 06/05/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supplied by GCSpace</p> <p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Difference from average sea surface height forecast for June to August 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 04/05/2026 Issued: 06/05/2026</p> <p>© Commonwealth of Australia 2026. Bureau of Meteorology, supplied by GCSpace</p> <p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p>
National 4-week Coral Bleaching Outlook (Image 9):	Pacific 4-week Coral Bleaching Outlook (Image 10):

Summary Statement

Monthly and last three months: April/February to April 2026 statement

The rainfall for April was below normal at Kavieng and Port Moresby. Above normal rainfall was observed over Madang, Tokua and Wewak. For the past three months, rainfall was below normal at Madang, Kavieng and Port Moresby. Above normal rainfall was observed over Tokua and Wewak.

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

Monthly/Seasonal rainfall and temperature Outlook statements

The rainfall for June and June to August 2026 is likely or very likely to be below normal over PNG.

Maximum and minimum temperatures during June and June to August 2026 are likely or very likely to be near normal to above normal over PNG.

Part 2: Recent Ocean summary statement

Monthly and last three months: April/February to April 2026

April sea surface temperatures (SSTs) around PNG were -1 below normal to 0.5°C above normal.

Averaged over February to April 2026, sea surface temperatures around PNG were average to 0.4°C above normal.

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

Ocean Variable statement

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

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

June 2026 sea levels around PNG are predicted to be average to -60 mm below normal.

Averaged over June to August 2026, sea levels around PNG are predicted to be average to -30 mm below normal.

In brief for Teleconference

- Rainfall was below normal for April and February to April 2026, except Wewak and Tokua where rainfall was above normal for both periods.
- The rainfall outlook generally indicates below normal most likely in June and June to August 2026.
- SSTs were below normal to above normal for April and February to April 2026. The outlook shows average to above average SSTs for the next one and three months.
- Sea levels are predicted to be below normal for June and June to August 2026.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (April 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 company	14	13	1			
Drought Update	Private, Govt, NGOs, Consultants	252	195	57			
Climate data request	Education, staff	2	2				
Total		268	210	58			

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		

