

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 204

Country: PNG

Part 1: Recent climate

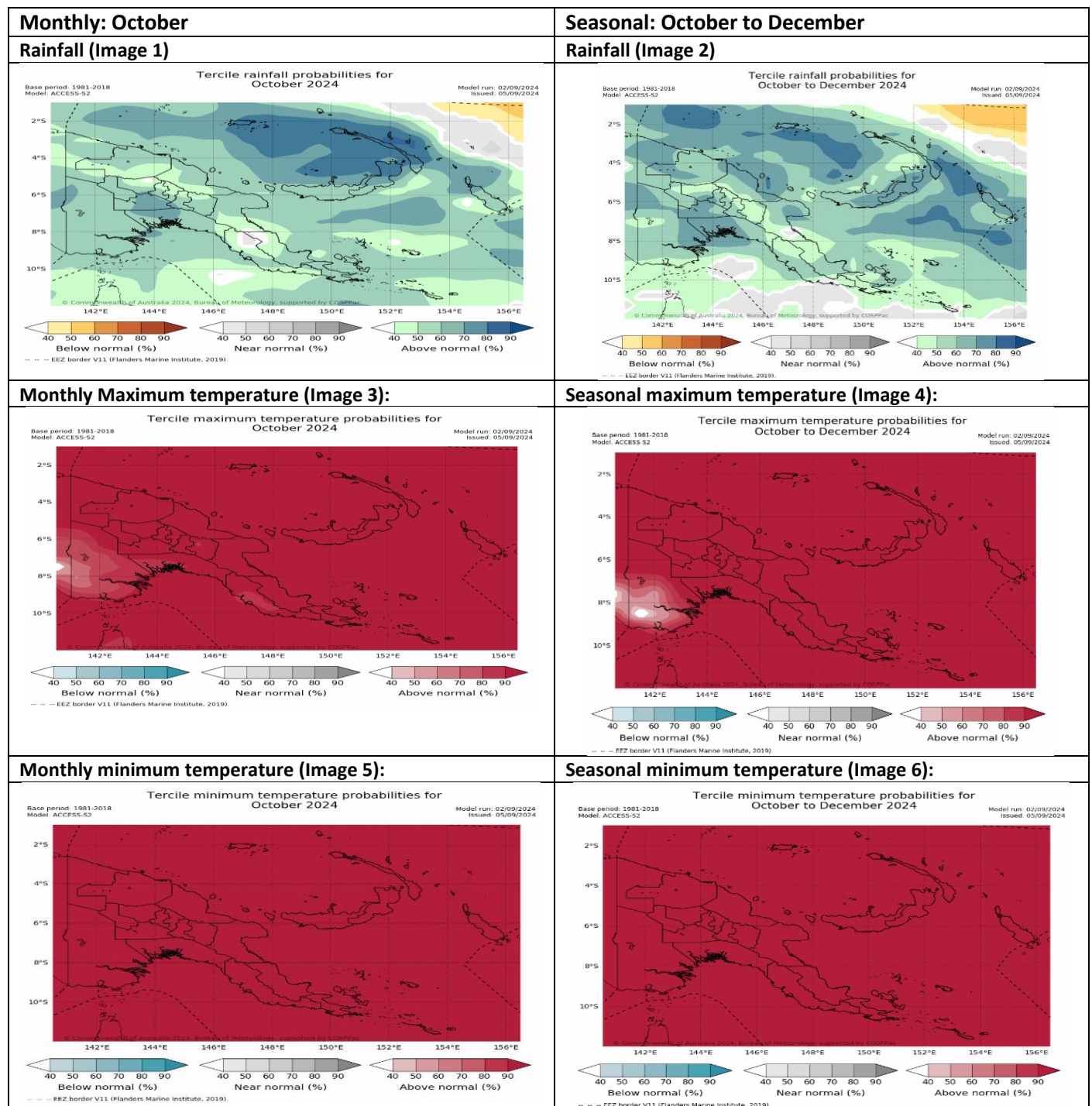
TABLE 1: Monthly Rainfall

Station (include data period)	June-2024	July-2024	August-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Momase Region							
Madang (1944-2022)				62.4	142.1	99.0	
Nadzab (1973-2024)	199.8	255.6	306.0	81.9	155.6	112.8	50/51
Wewak (1956-2024)	168.6		168.2	117.6	211.4	146.2	
Vanimo (1918-2024)				136.5	193.3	164.8	
Highlands Region							
Goroka (1948-2024)	51.6	110.2		48.5	84.0	64.0	
New Guinea Islands Region							
Momote (1949-2023)				221.0	334.8	276.4	
Kavieng (1916-2024)	240.6	405.5		156.9	253.0	205.9	
Southern Region							
Misima (1917-2022)				78.9	162.6	108.4	
Port Moresby (1875-2024)	15.8	1.0	44.2	8.4	31.8	14.8	105/125

TABLE 2: Three-month Total Rainfall for June to August 2024

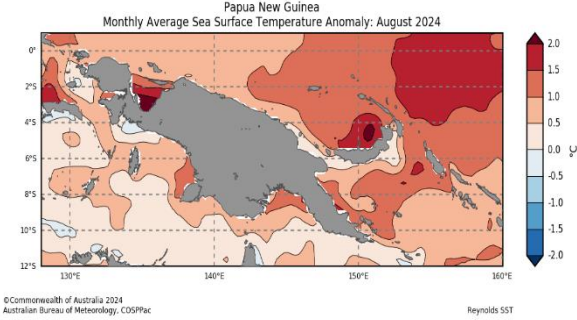
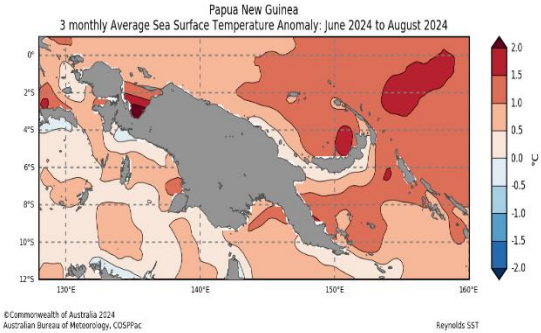
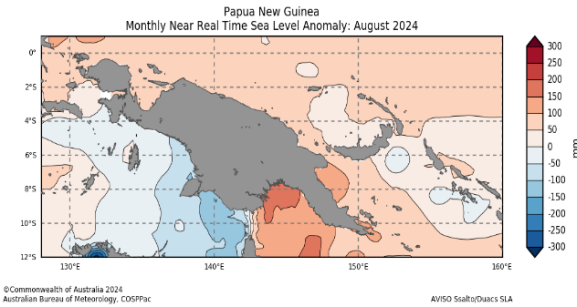
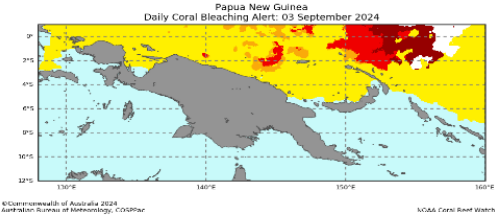
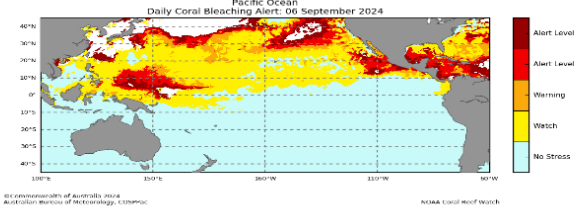
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Momase Region						
Madang (1944-2022)			403.2	546.9	473.0	
Nadzab (1973-2024)	761.4	Above normal	295.0	425.8	332.4	49/49
Wewak (1894-2024)			492.3	621.8	563.2	
Vanimo (1918-2024)			511.4	632.0	559.4	
Highlands Region						
Goroka (1948-2024)			169.5	242.5	189.2	
New Guinea Islands Region						
Momote (1949-2023)			742.2	1057.7	936.2	
Kavieng (1917-2024)			562.0	778.0	700.0	
Southern Region						
Misima (1917-2022)			341.3	548.0	481.8	
Port Moresby (1875-2024)	61.0	Normal	55.5	110.2	87.2	42/111

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2024

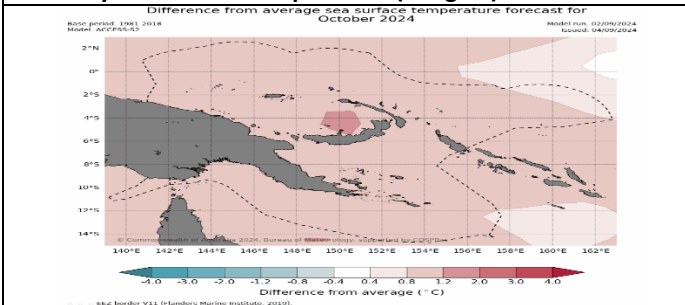
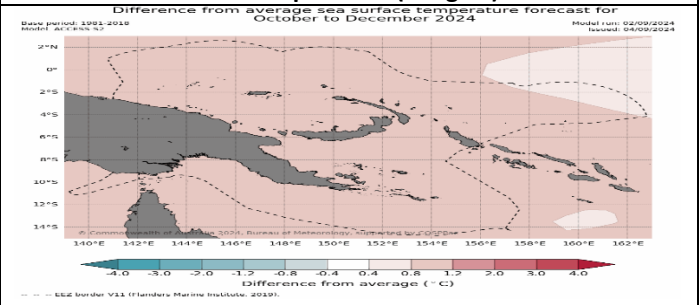
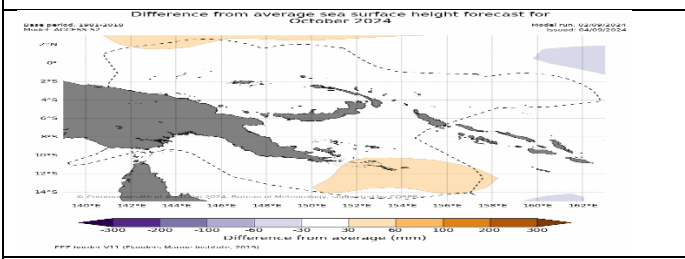
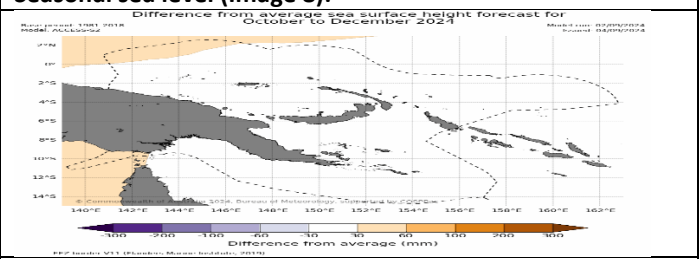


Part 2: Recent Ocean Observation

Monthly/Three months: August 2024 and June to August 2024

<p>Monthly: August 2024</p> <p>Sea Surface Temperature (Image 1):</p> 	<p>Last three months: June to August 2024:</p> <p>Sea Surface Temperature (Image 4):</p> 
<p>Sea level (Image 2):</p> 	
<p>Daily coral bleaching alert (Image 3):</p> 	

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2024

Monthly: October	Seasonal: October to December
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
	
Monthly sea level (Image 7):	Seasonal sea level (Image 8):
	
4-week Coral Bleaching (Image 9):	

Summary Statement

Monthly and last three months: August 2024/June to August 2024 statement

The rainfall for August and June to August was normal to above normal over the three monitoring stations that reported.

Nadzab had its second wettest August, and wettest June to August on record.

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for October and October to December is likely or very likely to be above normal across the country.

Maximum and minimum temperatures during October and averaged over October to December are very likely to be above normal over PNG.

Part 2: Recent Ocean summary statement

Monthly and last three months: August 2024/June to August 2024

August ocean temperatures around PNG were 0.5 to 2°C above normal.

Averaged over June to August, ocean temperatures around PNG were 0.5 to 1.5°C above normal.

August sea levels around PNG were 50mm to 100mm above normal.

There is a coral bleaching watch in place for northern waters of PNG.

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2024

Ocean Variable statement

October ocean temperatures around PNG are predicted to be 0.8 to 1.2°C above normal.

Averaged over October to December, ocean temperatures around PNG are predicted to be 0.4 to 0.8°C above normal.

October's sea levels around Milne Bay are predicted to be 30mm to 60mm above normal.

Averaged over October to December, sea levels around PNG are predicted to be -30mm to 30mm near normal.

IN BRIEF for Teleconference

- Rainfall was near-normal or above normal for August and June to August. Nadzab had record high June to August rainfall.
- Rainfall is likely or very likely to be above normal in October and for October to December.
- SSTs were above for August and June to August. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSH) were above normal for August. Near normal sea surface heights are predicted for October and October to December.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: August 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Students visits	2 nd & 20 th	UPNG	49	27	22		20-30	
Drought Update	23rd	NGOs, Consultants, Construction Companies, Govt Agencies, Companies, General Public	219	178	41			
Climate Science and Service Training Workshop	27th - 30th	Bom, SPREP, PNGNWS	15	9	6			
Ok Tedi Bulletin	29th	OK Tedi Staff	11	10	1			
Climate data request								Nil
Total			294	224	70			