Country: Papua New Guinea

Part 1: Recent climate

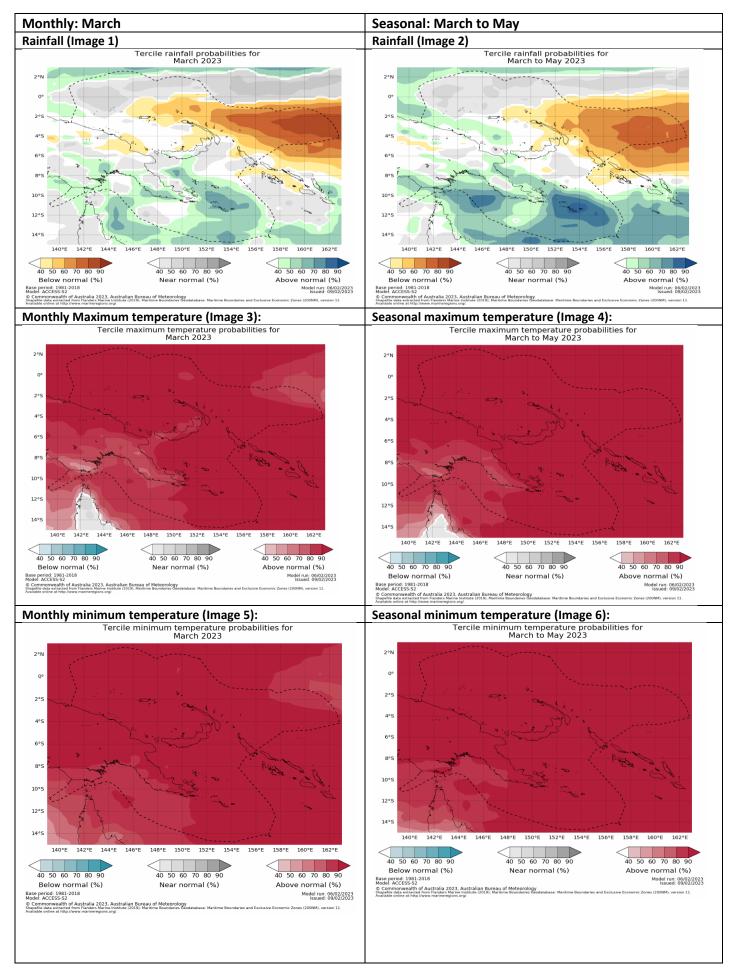
TABLE 1: Monthly Rainfall

	Nov-	Dec- Jan-2023					
Station (include data period)	2022	2022	Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)		Rainfa	ıll (mm)		Nalik
Momase Region							
Madang (1944-2022)				274.8	377.7	335.7	
Nadzab (1973-2023)	95.6	108.8	45.6	137.8	182.5	155.8	3/49
Wewak (1956-2023)	145.2	78.6	116.2	111.2	162.8	141.0	26/68
Vanimo (1918-2023)	151.4	241.8	186.6	214.8	342.5	283.0	21/72
Highlands Region							
Goroka (1948-2022)	190.2	241.0		194.7	262.6	225.0	
New Guinea Islands Region							
Momote (1949-2023)	141.2	407.6	163.0	238.7	316.5	273.0	14/72
Kavieng (1916-2023)	111.8	313.8	238.8	256.2	358.4	317.2	28/92
Southern Region							
Misima (1917-2022)				175.0	305.4	265.1	
Port Moresby (1875-2023)	65.5	281.3	204.2	153.0	235.0	195.0	84/135

TABLE 2: Th	ree-month Total Rainfall for	r November 2022 t	o January 2023

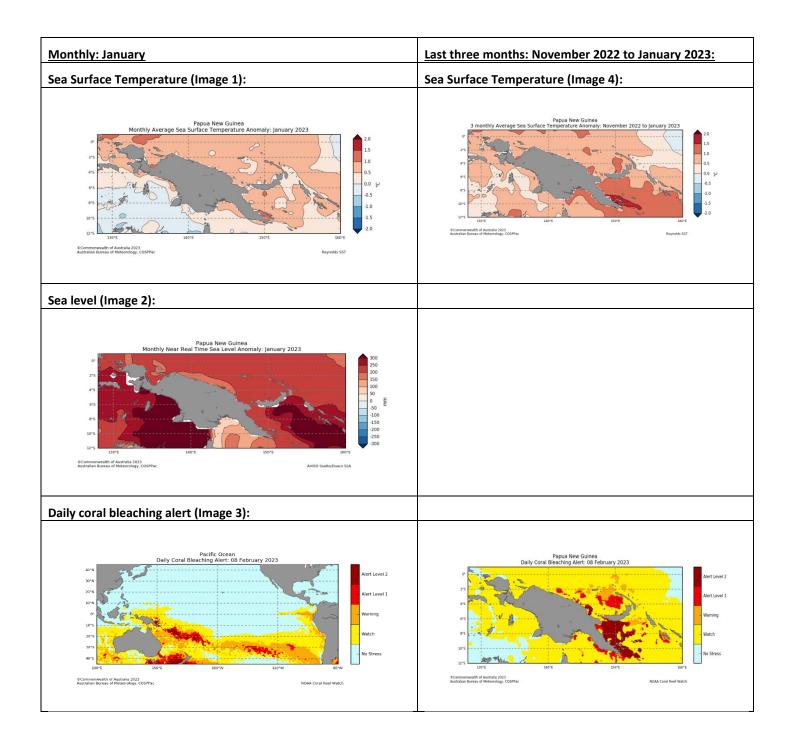
Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank	
		Momase Re	egion				
Madang (1944-2023)			953.0	1120.0	1036.4		
Nadzab (1973-2023)	250.0	Below normal	381.5	465.3	404.4	3/48	
Wewak (1894-2023)	340.0	Below normal	441.3	557.5	489.8	8/66	
Vanimo (1918-2023)	579.8	Below normal	674.9	854.8	743.7	15/64	
		Highlands R	egion				
Goroka (1948-2022)			536.5	644.4	597.2		
New Guinea Islands Region							
Momote (1949-2023)	711.8	Below normal	730.2	885.5	821.8	22/72	
Kavieng (1917-2023)	664.4	Below normal	777.0	949.9	846.6	15/90	
Southern Region							
Misima (1917-2022)			748.7	602.4	672.3		
Port Moresby (1875- 2023)	551.0	Above normal	344.1	483.4	403.0	110/123	

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2023

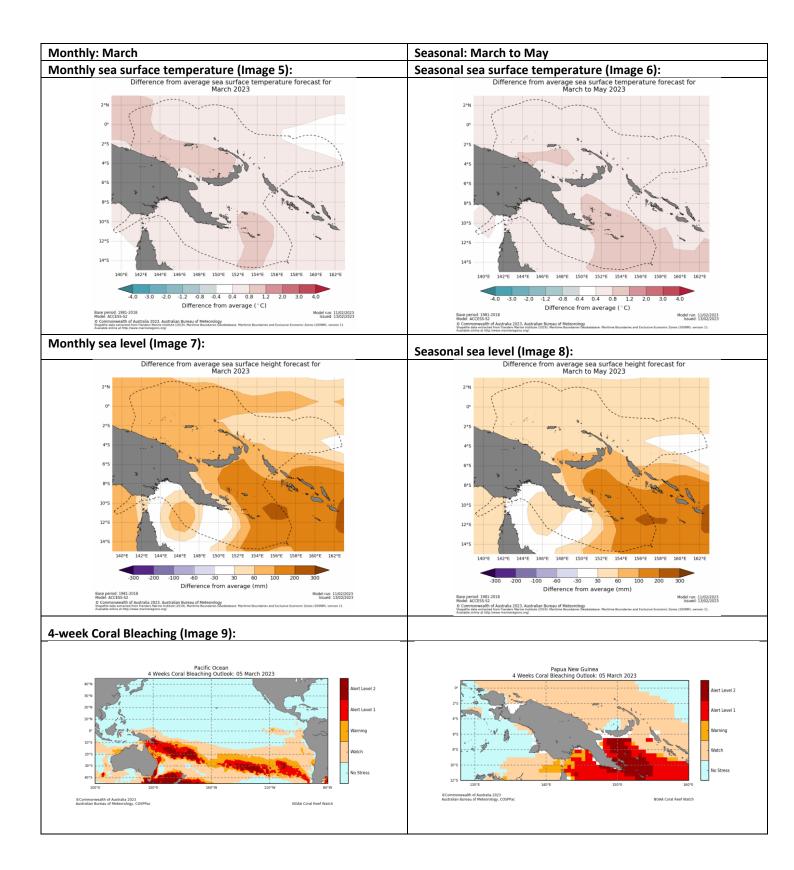


Part 2: Recent Ocean Observation

Monthly/Three months: January 2023 and November 2022 to January 2023



Part 2i. Monthly and Seasonal Outlooks for March and March to May 2023



Summary Statement

Monthly and last three months: January 2023/November 2022 to January 2023 statement

Rainfall for January was below normal at Nadzab, Vanimo, Momote and Kavieng, whilst it was near-normal at Wewak and Port Moresby.

Nadzab recorded its third driest January on record.

January rainfall was not available for Goroka, Misima and Madang.

Rainfall for November to January was above normal at Port Moresby and below normal at all other monitoring stations.

Nadzab posted its third driest and Wewak its eighth driest November to January on record. November to January rainfall totals for Goroka, Misima and Madang were not available.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2023

Monthly /Seasonal rainfall and temperature Outlook statements

Rainfall for March is likely to be below normal over the New Guinea Islands region, Madang, and patches of the East and West Sepik. In Morobe, the Highlands and Southern regions, March's rainfall is likely to be near-normal to above normal.

The rainfall for March to May is likely to be above normal over Morobe and the Southern region, but below normal in Bougainville, New Ireland and Manus. In East Sepik, West Sepik and Madang, the outlook offers little guidance as the chances of above normal, below normal and near normal are similar.

Maximum and minimum temperatures during March and averaged over March to May are likely to be above normal over all parts of PNG.

Part 2: Recent Ocean summary statement

Monthly and last three months: January 2023/November 2022 to January 2023

January ocean temperatures around PNG were 0.5°C to 1.0°C above normal. In northern waters of Milne Bay, the ocean temperatures were 0.5 to 1.5°C.

Averaged over November to January, ocean temperatures around PNG were 0.5 to 2.0°C above normal.

January sea levels around PNG were 50mm to above 300mm above normal.

PNG has a 'watch to Alert level 2' coral bleaching status.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2023

Ocean Variable statement

March ocean temperatures around PNG are predicted to be 0.4 to 1.2°C above normal.

Averaged over March to May, ocean temperatures around PNG are predicted to be 0.4 to 1.2°C above normal.

March sea levels around PNG are predicted to be 30mm to 100mm above normal, with far eastern waters reaching upmost 300mm above normal.

Averaged over March to May, sea levels around PNG are predicted to be 30mm to 100mm above normal, with far eastern waters reaching upmost 300mm above normal.

The four-week coral bleaching outlook to 5 March shows PNG has a 'watch to Alert level 2' status.

Product	Date: January 2023	nuary Number o Participant		Number of male	Number of female	
Seasonal Climate Outlook	15 th	Govt: National Disaster Centre, Dept. of Agriculture and Livestock, Climate Change Development Authority, National Agriculture Research Institute, Dept. of Transport, Dept. Of Mineral Policy and Geohazard Management, Dept. of Works, PNG Fire, National Maritime Safety Authority, Civil Aviation Safety Authority, PNG Forest Authority, National Capital District Commission, PNG Customs Authority, National Dept. Of Health, Dept. of Education, Centre for Environmental Protection Authority, Water PNG. UN agencies: UNDP, IOM, UNOCH. Private: PNG Air Services Limited, ExxonMobil, Ok Tedi Mining Ltd, PNG Power Ltd, Global Construction Ltd, Datec, Interoil, Air Niugini, Bank South Pacific, Kina Bank, SMEC, PNG Ports, Media and Universities.	171	130	41	
Drought Update	26th	ovt: National Disaster Centre, Dept. of Agriculture and Livestock, Climate Change Development Authority, National Agriculture Research Institute, Dept. of Transport, Dept. Of Mineral Policy and Geohazard Management, Dept. of Works, PNG Fire, National Maritime Safety Authority, Civil Aviation Safety Authority, PNG Forest Authority, National Capital District Commission, PNG Customs Authority, National Dept. Of Health, Dept. of Education, Centre for Environmental Protection	120	75	45	

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

Authority, Water PNG. UN agencies: UNDP, IOM, UNOCH. Private: PNG Air Services Limited, ExxonMobil, Ok Tedi Mining Ltd, PNG Power Ltd, Global Construction Ltd, Datec, Interoil, Air Niugini, Bank South Pacific, Kina Bank, SMEC, PNG Ports, Media and Universities			
Total	291	205	86