Country: Papua New Guinea

Part 1: Recent climate

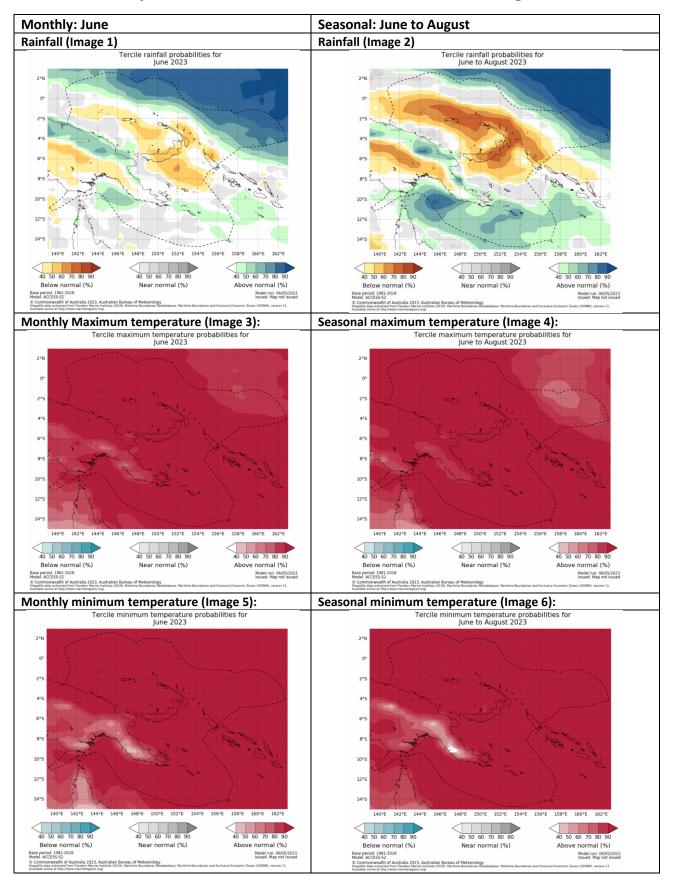
TABLE 1: Monthly Rainfall

	Feb-2023	Mar-2023	Apr-2023					
Station (include data period)			Total 33%tile 6 (mm)		67%tile	Median	Pank	
	Total (mm)	Total (mm)		Rank				
Momase Region								
Madang (1944-2022)				329.1	459.3	396.0		
Nadzab (1973-2023)	233.8	25.6	67.0	89.7	136.0	103.8	8/48	
Wewak (1956-2023)	255.0	137.0	135.2	159.1	233.9	186.4	16/66	
Vanimo (1918-2023)	367.8	145.4	237.0	184.0	278.2	228.1	37/68	
	·	Highla	nds Region					
Goroka (1948-2023)	225.0	172.0	213.0	162.8	214.8	191.8	38/61	
	New Guinea Islands Region							
Momote (1949-2023)	430.0	136.2		229.5	292.7	265.5		
Kavieng (1916-2023)	301.1	376.0	453.0	268.7	326.0	295.9	85/94	
Southern Region								
Misima (1917-2021)				207.8	319.8	253.9		
Port Moresby (1875-2023)	188.2	132.2	247.0	83.5	135.0	105.8	122/131	

TABLE 2: Three-month Total Rainfall for February to April 2023

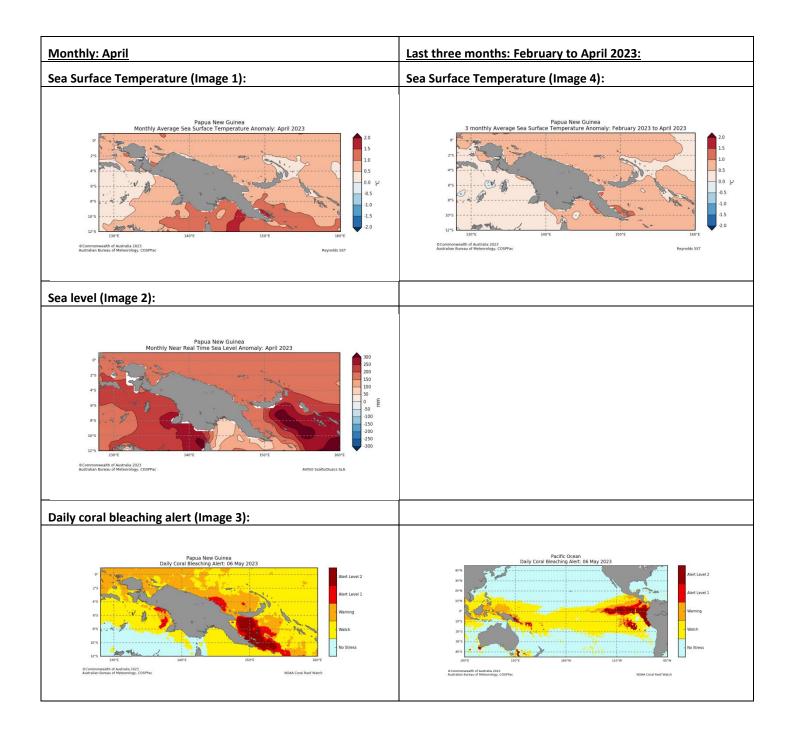
Station	Three-month Total		33%tile	67%tile	Median	Rank		
		Rainfall (mm)						
Momase Region								
Madang (1944-2023)			945.2	1149.4	1046.4			
Nadzab (1973-2023)	326.4	Below normal	397.6	495.9	454.6	11/45		
Wewak (1894-2023)	527.2	Above normal	431.6	519.8	475.9	44/65		
Vanimo (1918-2023)	750.2	Normal	731.5	920.5	836.7	26/66		
Highlands Region								
Goroka (1948-2023)	610.0	Normal	608.3	745.8	671.0	20/59		
New Guinea Islands Region								
Momote (1949-2023)			748.9	901.7	797.9			
Kavieng (1917-2023)	1130.1	Above normal	823.4	958.1	893.6	80/91		
Southern Region								
Misima (1917-2023)			709.9	940.9	827.2			
Port Moresby (1875-2023)	567.4	Normal	465.2	592.9	531.7	81/130		

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023

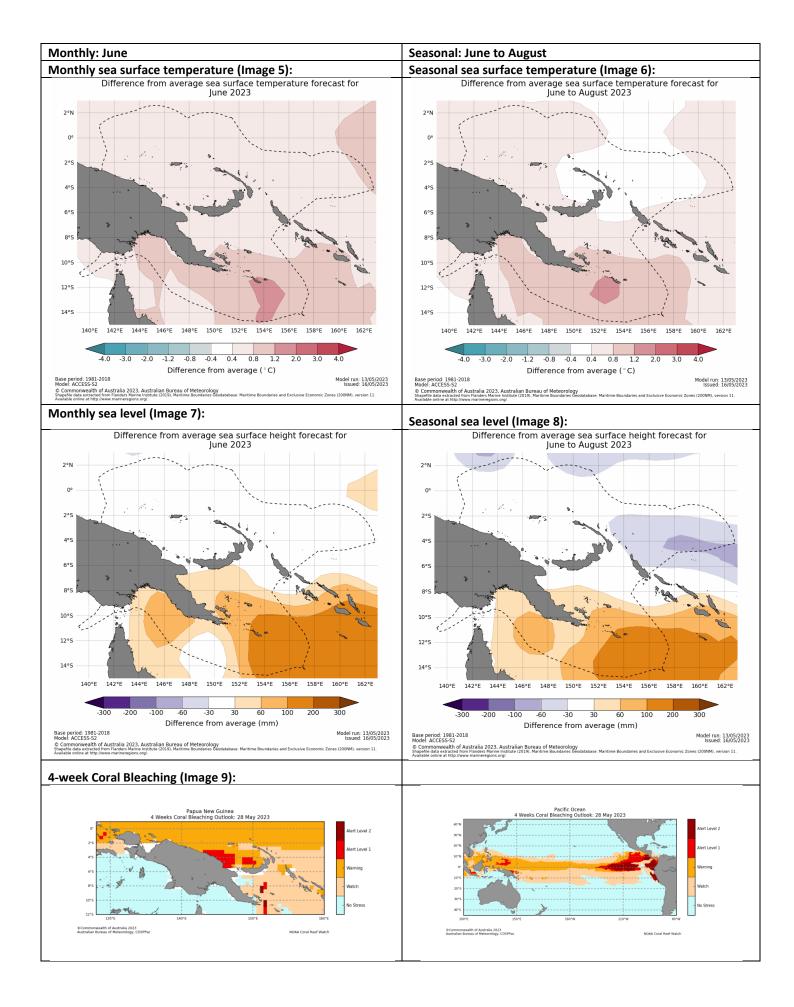


Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2023



Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023



Summary Statement

Monthly and last three months: April 2023/February to April 2023 statement

Rainfall for April was below normal for Nadzab and Wewak, above normal for Kavieng and Port Moresby, and nearnormal for Vanimo and Goroka. Kavieng and Port Moresby recorded their tenth wettest April on record.

April rainfall was not available for Madang, Misima and Momote.

Rainfall for February to April was below normal at Nadzab, above normal at Wewak and Kavieng, and near-normal at Vanimo, Goroka and Port Moresby.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023

Monthly /Seasonal rainfall and temperature Outlook statements

June rainfall is likely to be above normal over the Momase region and the eastern Milne Bay Islands. Near-normal to below normal is likely for the rest of the country, although there is little guidance across much of the southern coastal areas.

The rainfall for June to August is very likely to be below normal for the Islands and Highlands Regions. Near-normal to below normal rainfall is likely for the Western, Gulf and Central Regions, while above normal is likely over much of the Momase Region, together with Oro and Milne Bay Provinces.

In general, maximum and minimum temperatures during June and averaged over June to August are very likely to be above normal over PNG. The only exception is Central Province during June to August where the outlook offers little guidance for minimum temperatures.

Part 2: Recent Ocean summary statement

Monthly and last three months: April 2023/February to April 2023

April ocean temperatures around PNG were 0.5 to 2.0 °C above normal.

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

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

PNG has a 'Alert Level 2' coral bleaching status over the western Solomon Sea. 'Watch to Alert level 1' status for most of PNG.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023

Ocean Variable statement

June ocean temperatures around PNG are predicted to be 0.4 to 2.0 °C above normal.

Averaged over June to August, ocean temperatures around PNG are predicted to be 0.4 to 2.0 °C above normal.

June sea levels around PNG are predicted to be 30mm to 200mm above normal.

Averaged over June to August, sea levels around PNG are predicted to be 30mm to 200mm above normal.

The four-week coral bleaching outlook to 28 May shows PNG has patches of 'Alert level 2' status over the southern Solomon Sea. 'No Stress to Alert level 1' for most of PNG.

Product	Date: April 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Seasonal Climate Outlook	24 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.	154	110	44	
Monthly Drought Update	28th	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	120	75	45	

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

	Cult	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 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				
Monthly OTML Climate Briefing	6th	Ok Tedi Mine Limited, PNGNWS, BOM	14	11	3	
Climate data request		UniTech, Uni Star Engineering & Constructions, PNGCE, Kramer Ausenco, Hebou Constructions Ltd	17	13	4	
		Total	305	209	96	