Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 192

Country: Vanuatu

Part 1: Recent climate

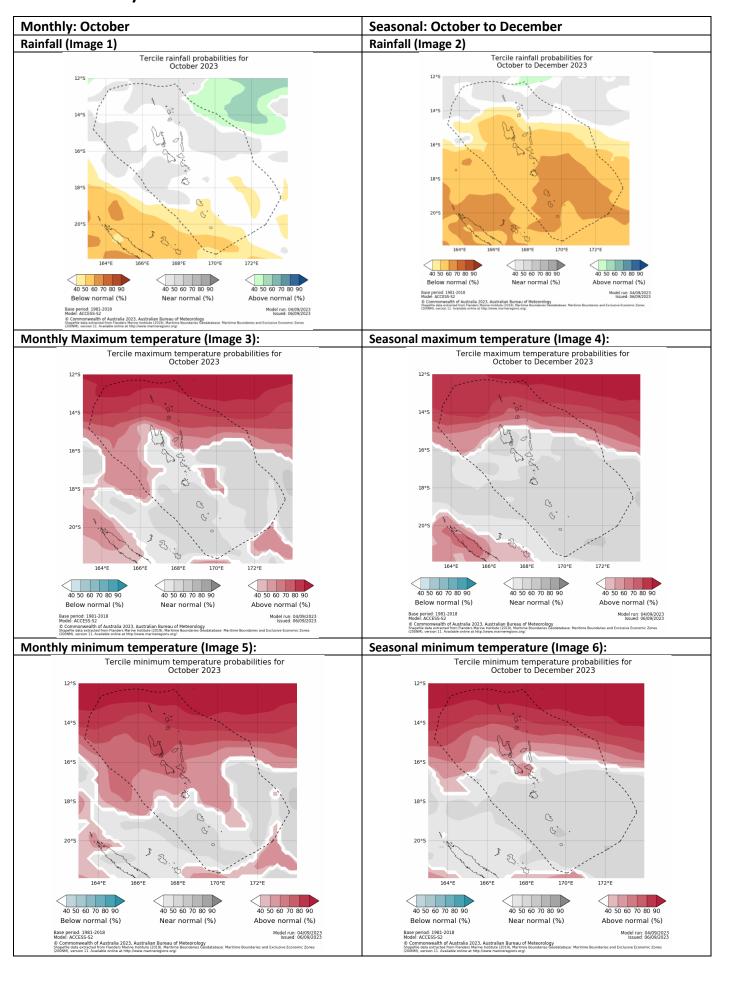
TABLE 1: Monthly Rainfall

	Jun-2023	Jul-2023	Aug-2023					
' Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank	
	Total (mm)	Total (mm)	Rainfall (mm)				Naiik	
Northern Region								
Sola (1971-2023)	372.4	267.4	138.9	139.1	266.5	191.0	17/50	
Pekoa (1971-2023)	167.4	219.1	196.0	60.9	107.5	80.4	46/52	
Lamap (1961-2022)				51.1	93.0	68.5		
Southern Region								
Bauerfield (1972-2023)	65.1	125.6	162.0	47.9	97.9	66.6	46/51	
Port Vila (1953-2023)	59.0	108.5	97.0	47.1	92.7	75.1	49/71	
Whitegrass (1972-2023)	48.3	32.4	163.6	22.9	55.4	31.1	49/52	
Aneityum (1952-2023)	22.7	32.4	269.7	72.2	136.8	102.9	70/72	

TABLE 2: Three-month Total Rainfall for June to August 2023

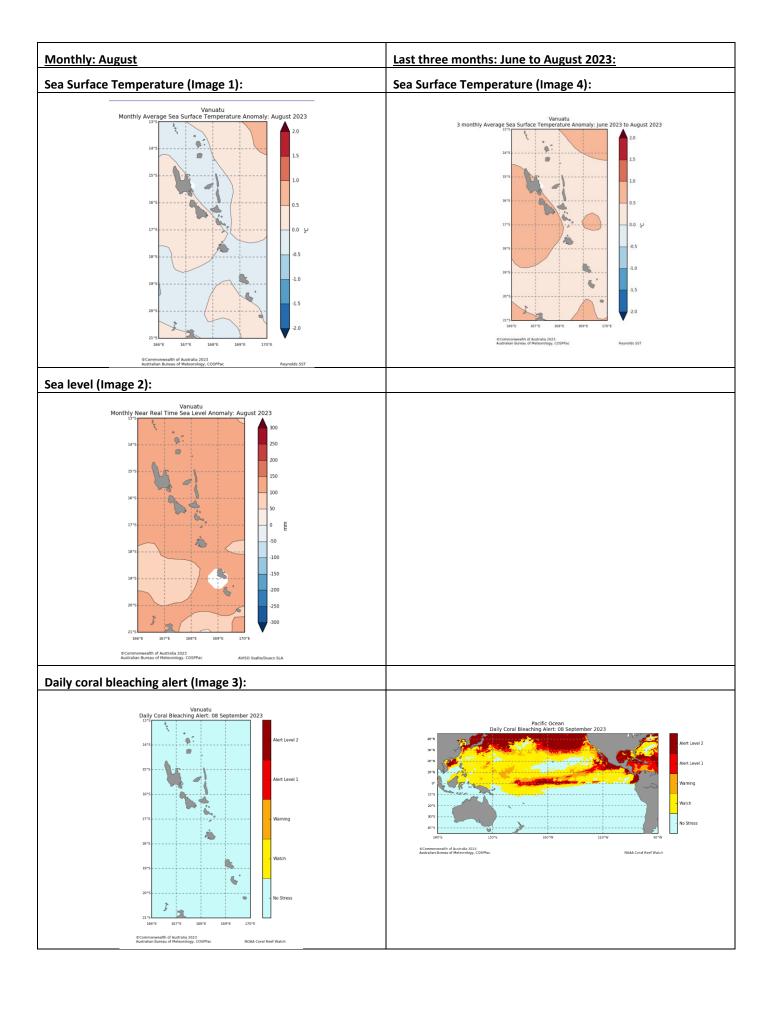
Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank		
	Rainfall (mm)							
Northern Region								
Sola (1971-2023)	778.7	Normal	589.8	1029.8	775.9	25/48		
Pekoa (1971-2023)	582.5	Above normal	242.5	475.4	393.5	42/52		
Lamap (1961-2022)			230.2	339.7	285.0			
Southern Region								
Bauerfield (1972-2023)	352.7	Normal	247.8	374.3	327.2	33/51		
Port Vila (1953-2023)	264.5	Normal	237.3	407.7	310.0	30/70		
Whitegrass (1972-2023)	244.3	Above normal	135.3	230.1	161.2	38/51		
Aneityum (1952-2023)	324.8	Normal	306.7	440.5	384.5	28/72		

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023

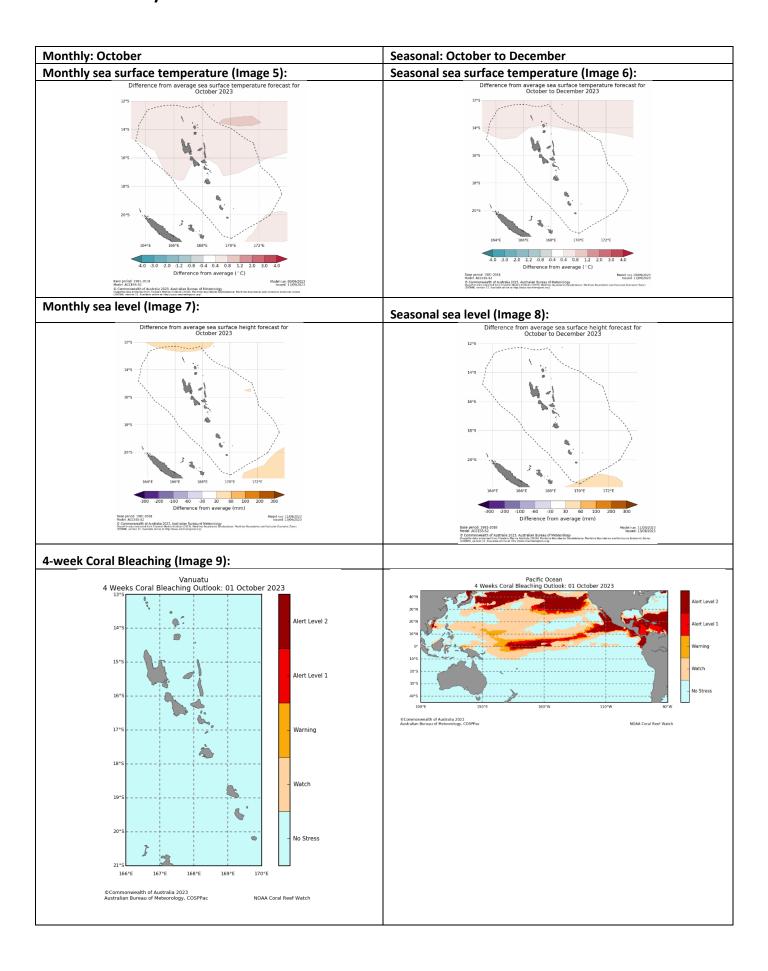


Part 2: Recent Ocean Observation

Monthly/Three months: August and June to August 2023



Part 2i. Monthly and Seasonal Outlooks for October and October to December 2023



Summary Statement

Monthly and last three months: August 2023/June to August 2023 statement

Rainfall for August was above normal over most of the country, except at Sola which recorded below normal. Bauerfield recorded its sixth wettest August in 51 years, Whitegrass its fourth wettest in 52 years, and Aneityum its third wettest in 72 years.

For the June to August period, rainfall was above normal at Pekoa and Whitegrass, and near-normal at remaining sites.

Rainfall for Lamap was not available for both the August, and the June to August period.

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for October is likely to be below normal over Tafea province, and normal over Torba province. The outlook offers little guidance elsewhere.

Rainfall for the October to December period is very likely to be below normal over Sanma, Penama, Malampa, Shefa and Tafea provinces. Rainfall is likely to be below normal to normal over Torba province.

Maximum temperatures during October are likely or very likely to be above normal over Torba and Penama provinces, and likely to be near-normal across the rest of Vanuatu.

Maximum temperatures averaged over October to December are very likely to be above normal over Torba province, but across the rest of the country near-normal temperatures are likely.

Minimum temperatures during October are likely or very likely to be above normal, except over Tafea where near-normal temperatures are likely.

Minimum temperatures averaged over October to December are likely or very likely to be above normal over Torba, Sanma, Penama and Malampa, while near-normal temperatures are likely over Shefa and Tafea Provinces.

Part 2: Recent Ocean summary statement

Monthly and last three months: August 2023/June to August 2023

August ocean temperatures around Vanuatu were near normal. -

Averaged over June to August, ocean temperatures around Vanuatu were 0.0 to 1.0°C above normal.

August sea levels around Vanuatu were 100mm to 150mm above normal. Data for Erromango Island was not available.

Coral bleaching alert reveals no thermal stress for Vanuatu.

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2023

Ocean Variable statement

October ocean temperatures around Torba, Sanma, Penama and parts of the Malampa province are predicted to be 0.4 to 0.8°C above normal.

Averaged over October to December, ocean temperatures around parts of Torba province are predicted to be 0.4 to 0.8°C above normal, while the rest of the country is predicted to experience near normal temperatures.

October sea levels and averaged October to December sea levels around Vanuatu are predicted to be near normal.

Coral bleaching outlook forecasts no thermal stress for the next four weeks.

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

Product	Date: August 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin						
EAR Watch						
Monthly Climate Briefing						
Ocean Outlook						
Climate data request						
		Total				