Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 188

Country: Vanuatu

Part 1: Recent climate

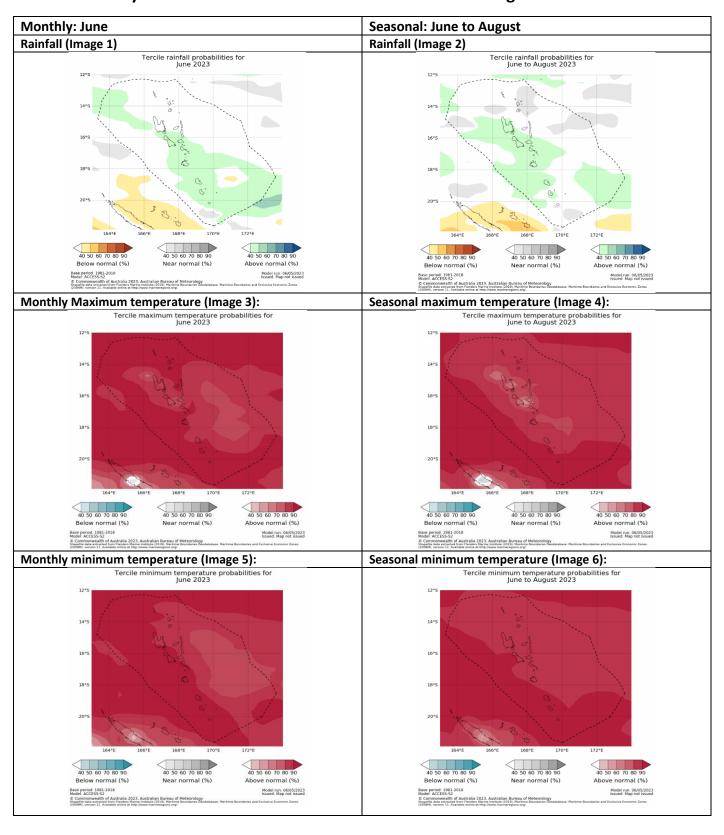
TABLE 1: Monthly Rainfall

Station (include data period)	Feb- 2023	Mar- 2023	Apr-2023					
			Total (mm)	33%tile	67%tile	Median	Rank	
	Total (mm)	Total (mm)	Rainfall (mm)				Ralik	
Northern Region								
Sola (1971-2023)	385.1	418.2	73.1	339.3	498.8	433.8	1/51	
Pekoa (1971-2023)	269.5	242.6	294.2	185.9	285.5	232.9	36/53	
Lamap (1961-2022)				162.2	242.0	198.2		
Southern Region								
Bauerfield (1972-2023)	416.9	444.1	82.9	165.2	265.9	199.5	8/51	
Port Vila (1953-2023)	481.0	738.5	103.5	139.2	243.3	182.4	9/71	
Whitegrass (1972-2023)	261.5	259.4	147.9	56.5	131.7	90.5	36/52	
Aneityum (1952-2023)	266.6	201.3	190.0	153.2	290.9	212.9	32/72	

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

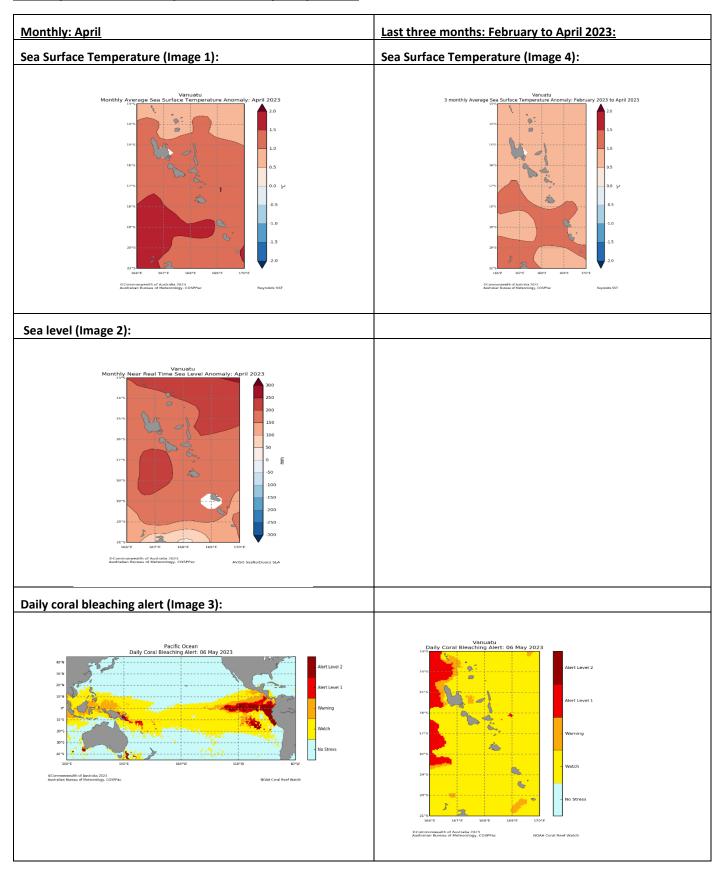
Station	Three-month Total		33%tile	67%tile	Median	Rank		
Northern Region								
Sola (1971-2023)	876.4	Below normal	1053.0	1326.5	1151.2	9/51		
Pekoa (1971-2023)	806.3	Normal	746.5	948.9	833.0	24/53		
Lamap (1961-2023)			628.9	755.7	700.9			
Southern Region								
Bauerfield (1972-2023)	943.9	Normal	771.3	999.8	905.1	28/51		
Port Vila (1953-2023)	1323.0	Above normal	769.1	920.5	850.2	70/71		
Whitegrass (1972-2023)	668.8	Above normal	427.0	579.7	490.4	41/52		
Aneityum (1952-2023)	657.9	Below normal	685.7	935.1	834.4	19/72		

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

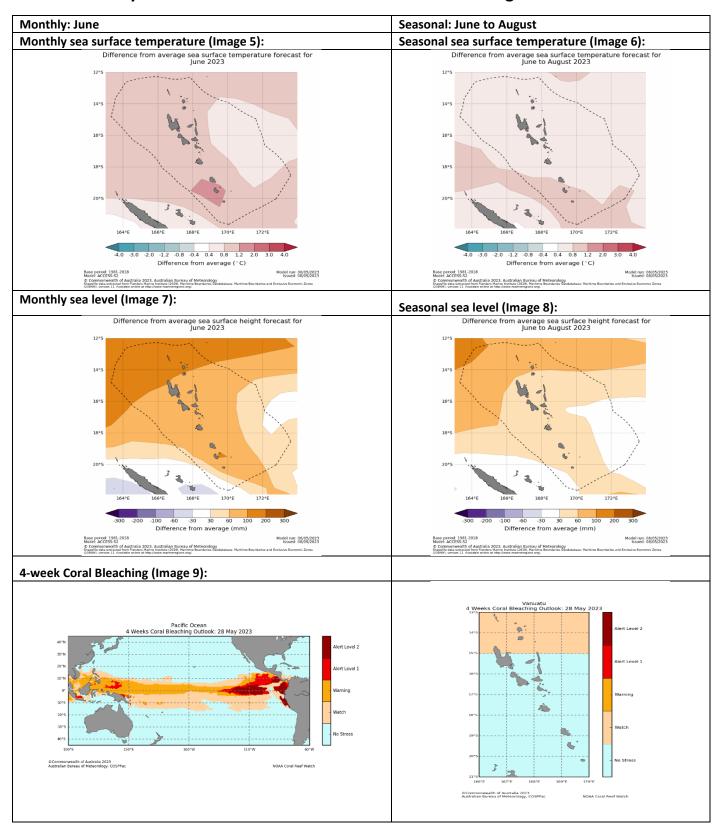


Part 2: Recent Ocean Observation

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

The rainfall for April was below normal at Sola, Bauerfield and Port Vila, normal at Aneityum, and above normal at Pekoa and Whitegrass. Sola recorded its driest April in 51 years. Data for Lamap was not available.

The three-month rainfall for February to April 2023 was below normal at Sola and Aneityum, normal at Pekoa and Bauerfield, and above normal at Port Vila and Whitegrass. Port Vila posted its second wettest February to April period on record. Data for Lamap was not available.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for June is likely or very likely to be above normal over Malampa, Shefa and Tafea provinces. The outlook offers little guidance over Torba, Sanma and Penama provinces.

The rainfall for June to August is likely to be above normal over Sanma, Malampa, Shefa and Tafea provinces, and near-normal over Torba province and Aneityum. The outlook offers little guidance over Torres, Penama province, Futuna and Aniwa.

Maximum and minimum temperatures during June, and averaged over June to August are very likely to be above normal over the whole country.

Part 2: Recent Ocean summary statement

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

April ocean temperatures around Vanuatu were 0.5 to 1.5°C above normal.

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

April sea levels around Vanuatu were 50mm to 250mm above normal.

Daily coral bleaching for Vanuatu as of 6th May is Warning for Loh and Toga (Torres Islands) while the rest of the country remains at Watch.

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

Ocean Variable statement

June ocean temperatures around Vanuatu are predicted to be 0.8 to 2.0°C above normal.

Averaged over June to August, ocean temperatures around Vanuatu are predicted to be 0.4 to 1.2°C above normal.

June sea levels around Vanuatu are predicted to be 60mm to 200mm above normal.

Averaged over June to August, sea levels around Vanuatu are predicted to be 30mm to 100mm above normal.

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

Product	Date: April 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from your Stakeholders)
Climate Bulletin						
EAR Watch						
Ocean Outlook						
Climate data request	12th	Vanuatu National University and VRN Volunteers	47 VRN	14	33	
Monthly climate & oceans update						
Facebook Livestream	26th		297	102	195	
Zoom meeting	26th		9	2	7	
Facebook summary post	26th		1,358	658	700	
Email version	26th		241	50	191	
		Total	1,952	826	1126	