# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 185

**Country: Vanuatu** 

**Part 1: Recent climate** 

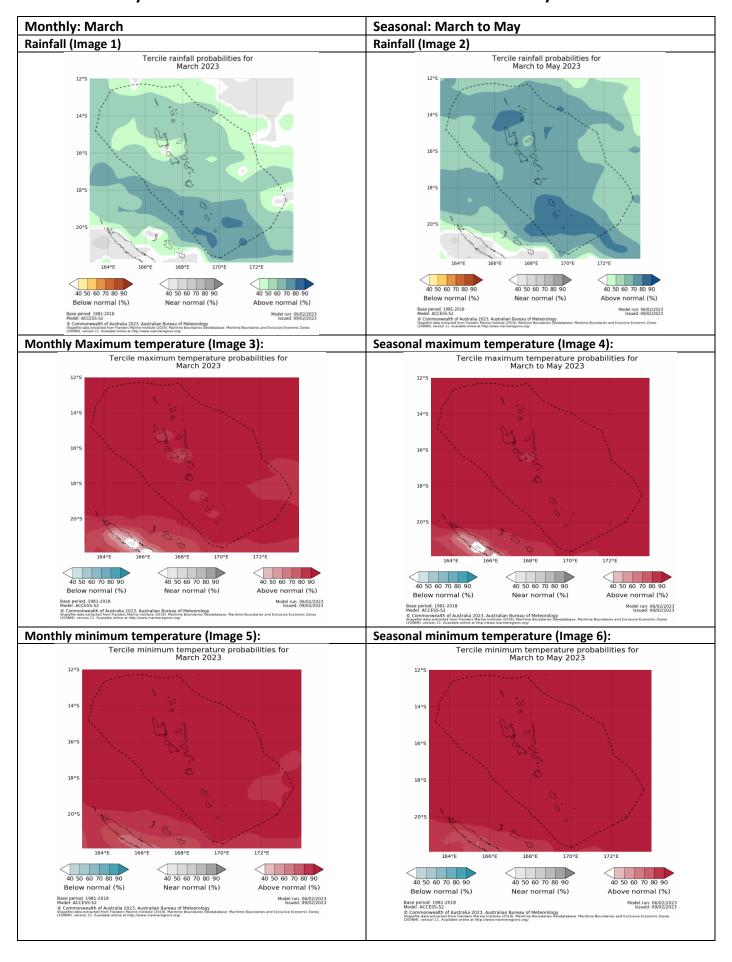
**TABLE 1: Monthly Rainfall** 

Station (include data period)	Nov- 2022	Dec- 2022	Jan-2023					
			Total (mm)	33%tile	67%tile	Median	Rank	
	Total (mm)	Total (mm)	Rainfall (mm)				Ralik	
Northern Region								
Sola (1971-2023)	241.7	266.3	303.3	321.6	455.8	383.3	16/51	
Pekoa (1971-2023)	256.4	210.7	279.2	235.5	341.1	289.1	24/53	
Lamap (1961-2023)	229.5	152.5		172.0	275.2	215.6		
Southern Region								
Bauerfield (1972-2023)	331.9	370.8	486.3	205.1	325.6	257.0	44/52	
Port Vila (1953-2023)				199.6	325.4	243.1		
Whitegrass (1972-2023)	150.0	109.0	328.9	110.2	221.8	168.2	41/52	
Aneityum (1952-2023)	148.0	321.0	316.0	157.6	359.1	246.7	43/72	

**TABLE 2: Three-month Total Rainfall for November 2022 to January 2023** 

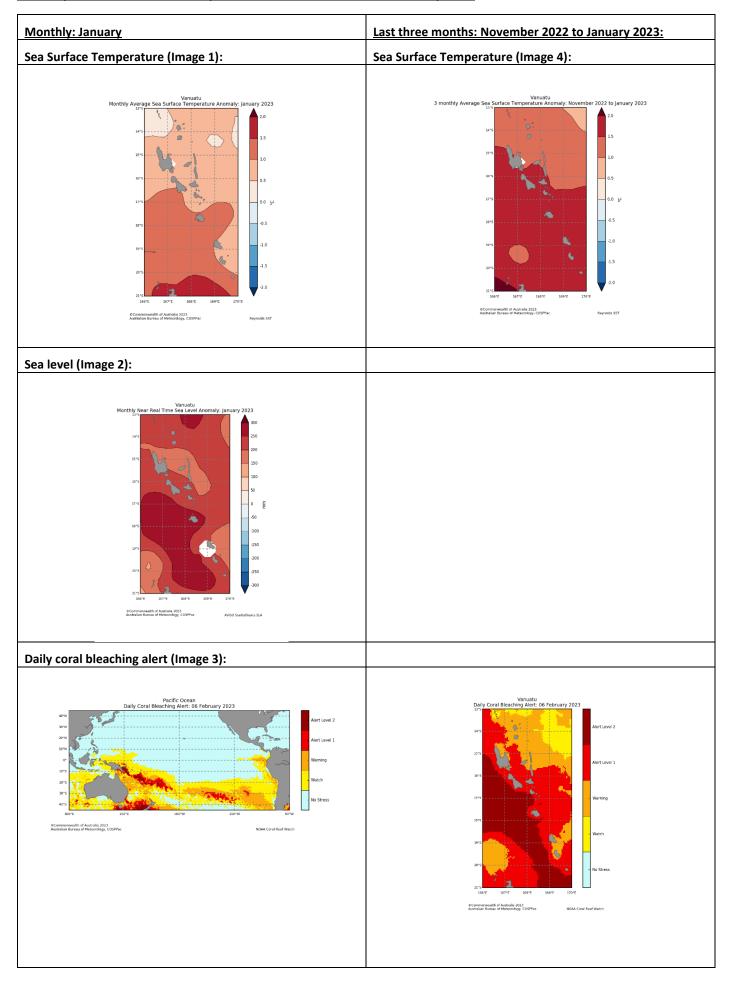
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Northern Region							
Sola (1971-2023)	811.3	Below normal	1053.8	1358.9	1194.4	7/48	
Pekoa (1971-2023)	746.3	Normal	595.0	819.0	624.3	32/51	
Lamap (1961-2023)			436.6	551.3	478.6		
Southern Region							
Bauerfield (1972-2023)	1189.0	Above normal	450.6	687.6	577.7	49/50	
Port Vila (1953-2023)			429.8	672.9	570.9		
Whitegrass (1972-2023)	587.9	Above normal	265.3	410.5	331.6	45/51	
Aneityum (1952-2023)	785.0	Above normal	436.9	680.4	601.5	55/71	

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

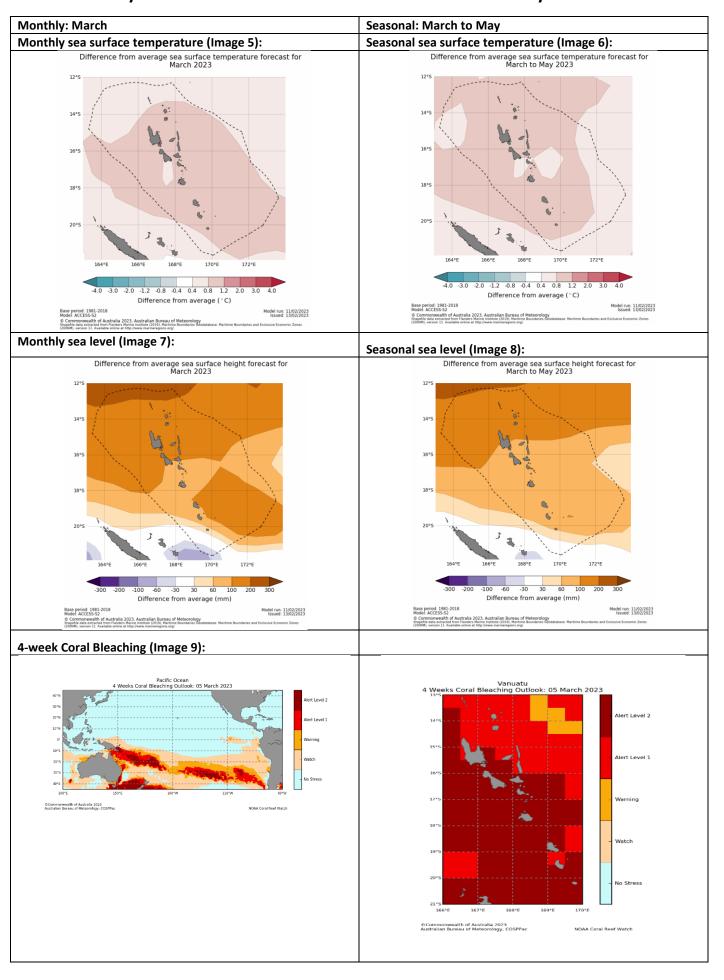


# **Part 2: Recent Ocean Observation**

# 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

During January, rainfall was above normal in Bauerfield and Whitegrass, near-normal in Pekoa and Aneityum, and below normal at Sola.

For the November 2022 to January 2023 period, rainfall was above normal in the Southern Region, near-normal at Pekoa, and above normal at Sola.

Bauerfield posted its second wettest November to January period in 50 years of record.

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

#### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March 2023 is *very likely* to be above normal for most of the country, except for South Santo, Ambae and Northwest Malekula where rainfall is just *likely* to be above normal.

The rainfall for the period of March to May 2023 is *very likely* to be above normal for the whole country.

Maximum and minimum temperatures during March and averaged over March to May 2023, are *very likely* to be above normal over the whole country.

### Part 2: Recent Ocean summary statement

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

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

Averaged over November 2022 to January 2023, ocean temperatures around Vanuatu were 1 to 2°C above normal.

January sea levels around Vanuatu were up to 300mm above normal.

Coral bleaching alert on 'Alert Level 1 and 2' for most of Vanuatu.

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

#### **Ocean Variable statement**

The monthly (March) and seasonal (March to May) ocean temperatures around Vanuatu are predicted to be 0.8 to 1.2°C above normal.

The monthly and seasonal sea level forecast around Vanuatu are predicted to be 60mm to 200mm above normal.

The 4-week coral bleaching outlook for Vanuatu until 05 March is predicted to be Alert Level 1 for Torba Province, and Alert Level 2 for Sanma, Penama, Malampa, Shefa and Tafea Province.

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

Product	Date: January 2023	Stakeholder	Total Number of Participants	Number of male	Number of female
116 Toll Free Update	13 <sup>th</sup>	General Public			
Community Climate Centres Climate Briefing	18 <sup>th</sup>	VMGD, Van-KIRAP, NDMO, Agriculture, Infrastructure, Water, General Public.	27	19	8
Agro-met Bulletin	20 <sup>th</sup>	General Public			
Fisheries-Climate Outlook	20 <sup>th</sup>	General Public			
Tourism-Climate Bulletin	20 <sup>th</sup>	General Public			
Vanuatu Ocean Outlook	20 <sup>th</sup>	General Public			
		Total	27	19	8