# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 168

**Country: Vanuatu** 

Part 1: Recent climate

**TABLE 1: Monthly Rainfall** 

	Jun-2021	Jul-2021	Aug-2021				
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Kank
Northern Region							
Sola (1971-2021)	125.6	204.4	257.3	133.6	272.1	190.4	30/48
Pekoa (1971-2021)	26.5	63.2		60.6	104.6	79.6	
Lamap (1961-2021)	26.5	68.5	109.5	49.3	92.3	66.8	48/60
Southern Region							
Bauerfield (1972-2021)	33.0	63.9	102.6	47.1	94.3	65.1	36/49
Port Vila (1953-2021)		61.5	83.0	44.3	93.0	74.4	39/69
Whitegrass (1972-2021)	30.2	11.3	19.7	23.7	56.7	31.9	16/50
Aneityum (1952-2021)	60.6	77.0	4.5	72.5	138.8	102.9	1/70

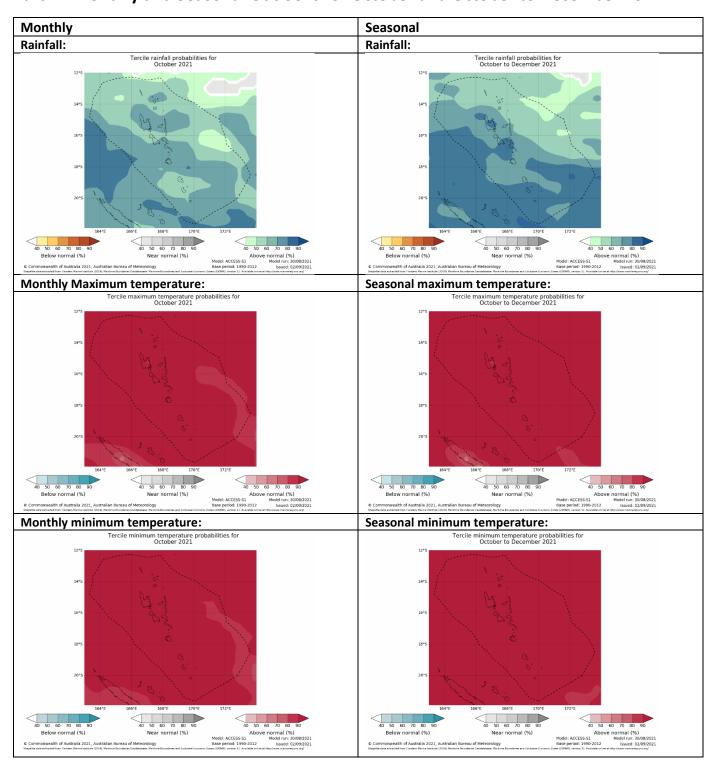
**TABLE 2: Three-month Total Rainfall for June to August 2021** 

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Northern Region							
Sola (1971-2021)	587.3	Below normal	591.1	1017.9	775.9	16/46	
Pekoa (1971-2021)			240.9	460.1	390.5		
Lamap (1961-2021)	204.5	Below normal	232.0	337.7	285.0	17/60	
Southern Region							
Bauerfield (1972-2021)	199.5	Below normal	254.6	373.5	327.2	12/49	
Port Vila (1953-2021)			236.1	402.9	306.4		
Whitegrass (1972-2021)	61.2	Below normal	136.3	229.6	161.2	4/49	
Aneityum (1952-2021)	142.1	Below normal	307.9	438.4	384.5	2/70	

 $Very \ Low: \ X < 0.0 \\ Low: \ 0 \le X < 5 \\ Moderate \ 5 \le X < 10 \\ Good: \ 10 \le X < 15 \\ High: \ 15 \le X < 25 \\$ 

Very High:  $25 \le X < 35$  Exceptional:  $X \ge 35$ 

# Part 1i. Monthly and Seasonal Outlooks for October and October to December 2021

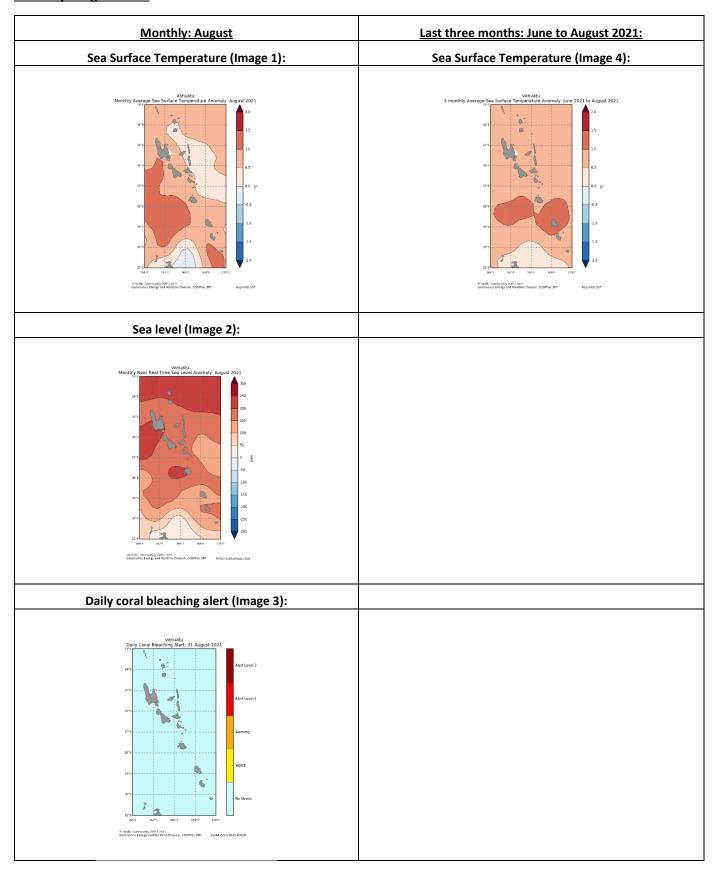


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Very High: 25 ≤X < 35 Exceptional: X ≥ 35

# Part 2: Recent Ocean summary statement

## Monthly: August 2021



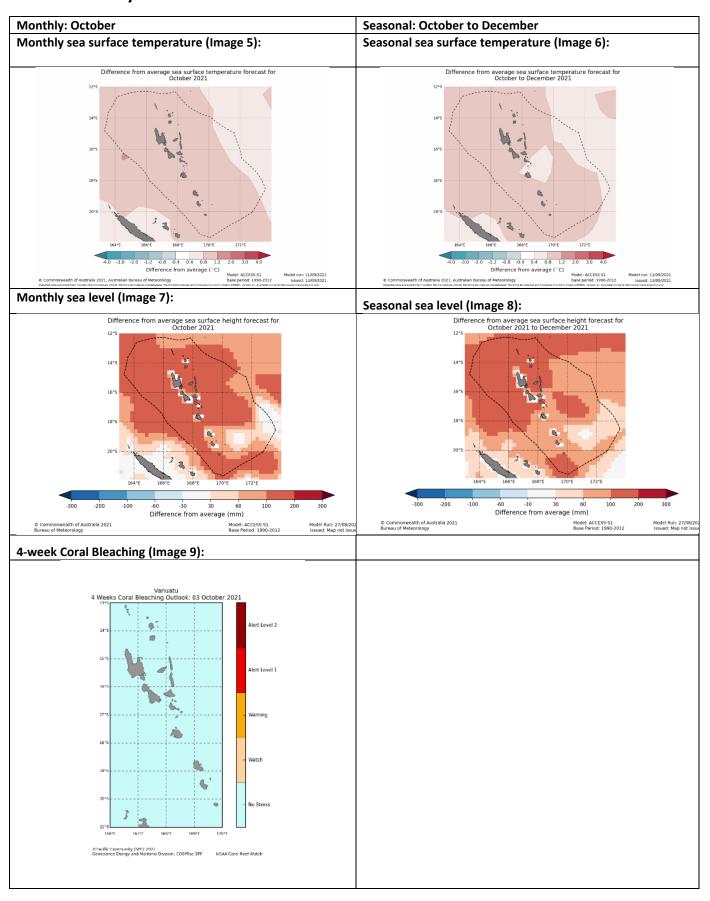
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#### NB: The X LEPS % score has been categorised as follows:

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### **Summary Statement**

#### Monthly and last three months: August 2021/June to August statement

Below normal rainfall was recorded at Whitegrass and Aneityum for the month of August. On the other hand, above normal rainfall was recorded at Lamap and Bauerfield. Near normal rainfall was received at Sola and Port Vila. Rainfall data is not available for Pekoa. It was the driest August on record for Aneityum.

Below normal rainfall was recorded in all stations for the June to August period. Rainfall data was not available at Pekoa and Port Vila. It was the second driest June to August on record for Aneityum and the fourth driest for Whitegrass.

# Part 1i. Monthly and Seasonal Outlooks for October and October to December 2021

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

The rainfall and temperature outlook for October, and the October to December period, is very likely to be above normal for the whole country.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: August/June to August 2021

Most of the Vanuatu archipelago experienced normal to slightly warmer than average SST in August. For the June to August period, SSTs were warmer than average with the warmest SSTs of 1.5 °C above average located over Erromango Island.

Sea level was higher than normal in August. The highest SL was 250 mm and was located over the Torba group, and the western parts of Santo and Efate Island.

## Part 2i. Monthly and Seasonal Outlooks for October and October to December 2021

#### **Ocean Variable statement**

The outlook for the Vanuatu archipelago shows a significant temperature difference of 0.8-1.2°C for October, as well as the October to December period, and sea level forecasts of up to 200 mm above average is expected for the next one to three months.

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

Product	Date: August 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
Vanuatu Climate Update	<b>7</b> <sup>th</sup>	Local Community Noticeboard around Efate Island	25 Noticeboards		
Monthly Tide Calendar	7 <sup>th</sup>	Local Community Noticeboard around Efate Island	25 Noticeboards		
Training on understanding the different products and services of weather, Climate Variability and Climate Change in Vanuatu and the Climate Smart Agriculture recommendations and practices.	9 <sup>th</sup> — 13 <sup>th</sup>	Women's group	78		78
,		Total	78		78

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