# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 171

**Country: Vanuatu** 

Part 1: Recent climate

**TABLE 1: Monthly Rainfall** 

	Sep- 2021	Oct-2021	Nov-2021				
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Dl-
	Total (mm)	Total (mm)		Rank			
Northern Region							
Sola (1971-2021)	186.4	396.2	630.2	303.4	489.7	422.0	41/49
Pekoa (1971-2021)	161.9	722.2	337.0	122.5	215.7	182.0	45/51
Lamap (1961-2021)	128.0	289.0	230.0	90.7	145.6	118.3	51/61
Southern Region							
Bauerfield (1972-2021)	82.6	241.9	218.0	98.9	179.4	130.3	39/49
Port Vila (1953-2021)	47.0	250.5	254.5	73.7	154.4	116.6	59/69
Whitegrass (1972-2021)	32.6	154.6	26.9	31.0	85.1	49.7	16/51
Aneityum (1952-2021)	42.8	247.3	60.2	58.5	150.3	107.5	25/70

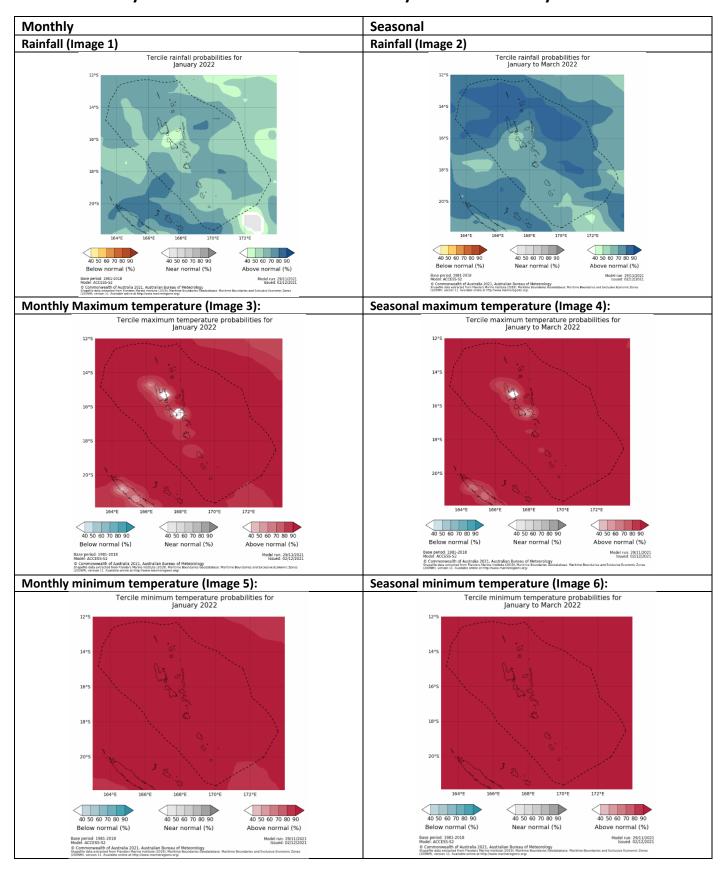
**TABLE 2: Three-month Total Rainfall for September to November 2021.** 

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Northern Region							
Sola (1971-2021)	1212.8	Above normal	885.1	1176.2	1024.4	33/48	
Pekoa (1971-2021)	1221.1	Above normal	332.1	521.4	434.9	51/51	
Lamap (1961-2021)	647.0	Above normal	274.5	404.7	326.9	53/60	
Southern Region							
Bauerfield (1972-2021)	542.5	Above normal	235.9	428.3	319.4	43/49	
Port Vila (1953-2021)	552.0	Above normal	232.8	389.2	303.6	62/69	
Whitegrass (1972-2021)	214.1	Normal	116.4	220.1	149.2	32/49	
Aneityum (1952-2021)	350.3	Normal	264.9	425.6	353.3	35/70	

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

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

## Part 1i. Monthly and Seasonal Outlooks for January 2022 and January to March 2022



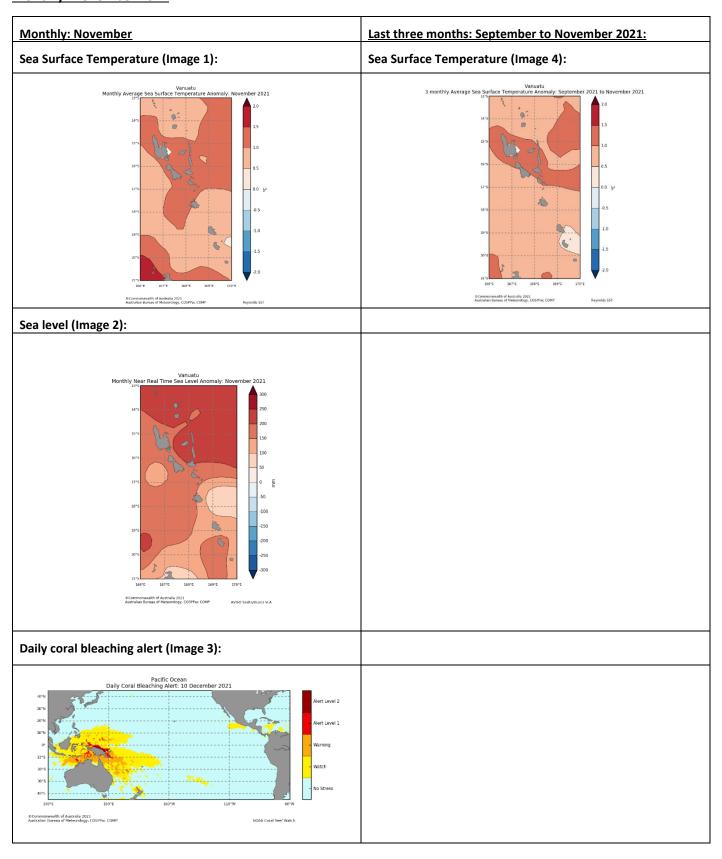
#### NB: The X LEPS % score has been categorised as follows:

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## Part 2: Recent Ocean summary statement

### **Monthly: November 2021**

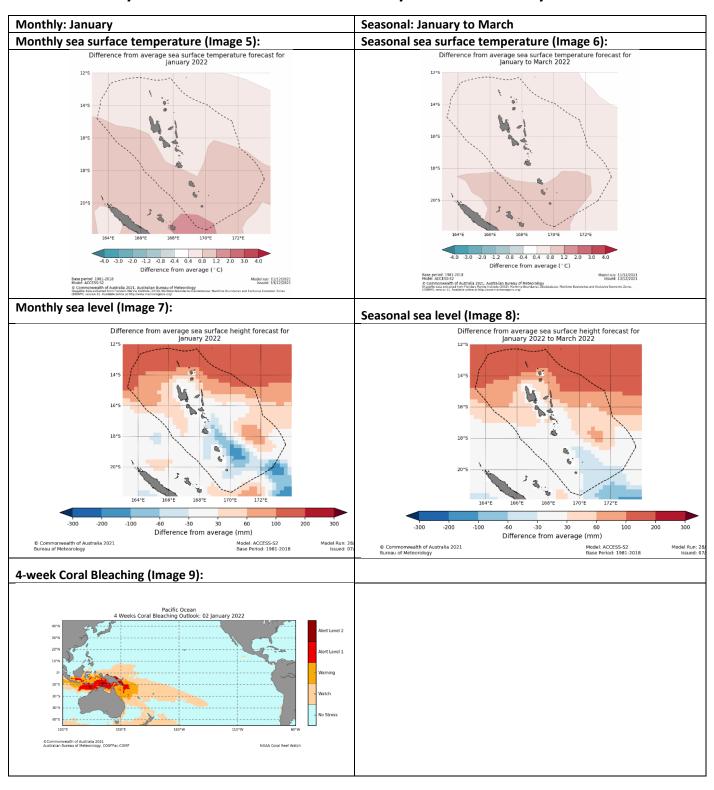


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## Part 2i. Monthly and Seasonal Outlooks for January 2022 and January to March 2022



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## **Summary Statement**

#### Monthly and last three months: November 2021/September to November statement (Highly significant changes)

Sola, Pekoa, Lamap, Bauerfield and Port Vila recorded above normal rainfall in November, while Whitegrass experienced below normal. Aneityum recorded normal rainfall.

For the last three month period, above normal rainfall was recorded at Sola, Pekoa, Lamap, Bauerfield, and Port Vila. Whitegrass and Aneityum recorded normal rainfall. Pekoa station recorded its wettest September to November period in 51 years.

## Part 1i. Monthly and Seasonal Outlooks for January 2022, and January to March 2022

#### Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

Rainfall is very likely to be above normal in January 2022, and January to March 2022 for Vanuatu. Both day-time and night-time temperatures are likely to be warmer than average in January 2022, and January to March 2022.

## Part 2: Recent Ocean summary statement

#### Monthly and last three months: November 2021/September to November statement (Highly significant changes)

Significantly high SSTs of 1.0 °C to 1.5 °C above average were experienced over most of the Sanma, Penama, Malampa and Shefa provinces in November 2021, and for the September to November period, these high SSTs were recorded over most of the Sanma, Penama and Malampa provinces.

The highest sea level recorded in November was experienced over most of the Torba and Penama provinces. Sea level was 200 mm – 250mm above average.

## Part 2i. Monthly and Seasonal Outlooks for January 2022, and January to March 2022

#### **Ocean Variable statement** (Highly significant changes)

Above average SSTs are very likely for Vanuatu from January 2022, and January to March 2022, with the highest difference from average of  $0.8 \,^{\circ}\text{C} - 1.0 \,^{\circ}\text{C}$  forecasted for the Tafea Province.

Sea level is very likely to be above average over the northern waters and below average over the southern waters. The highest sea level with a difference from average of 100 mm – 200 mm is expected for the Torba province, while the lowest sea level with a difference from average of -30 mm up to -200 mm is forecasted for waters east of the Tafea province.

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

Product	Date: November 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
NCOF	27 <sup>th</sup> – 29 <sup>th</sup> October	BOM, Vanuatu Meteorology & Geo-Hazards Department (Staffs), Farmers, World Vision Vanuatu, Vanuatu National Disaster Management Office (NDMO), VMGD-Van- KIRAP Staffs, Agriculture Sector, Fisheries Sector, Water Sector, Tourism Sector.	56	46	10
Vanuatu Climate Update	12th	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).	206	104	102
EAR Watch	12th	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International, Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).	206	104	102
Vanuatu Ocean Outlook	12th	VMGD-Van-KIRAP Staffs, Oxfam Vanuatu, Action Aid Vanuatu, University of the South Pacific (USP), Vanuatu Statistics Office, SPREP, Vanuatu National Disaster Management Office (NDMO), Media-Vanuatu, Vanuatu Red Cross Society, Matevulu College, Onesua Presbyterian College, Aore Adventist College, Tafea College, CSU, Vanuatu Care International,	206	104	102

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Total			284	156	118
Notice Board Updates around Efate	20th	Pango (1), Erakor (3), Eratap (3), Teouma (1), Eton (1), Korongo (1), Korangua School (1), Pangpang (1), Epau (1), Ekipe School (1), Epule (1), Onesua College (1), Emua (1), Saama (1), Malatia School (1), Siviri (1), Malafau (1), Tanoliu (1), Mangaliliu (1), Mele School (1), Waisisi (1)			
Community Climate Update	17 <sup>th</sup>	VMGD-Van-KIRAP Staffs, Action Aid Vanuatu, Vanuatu National Disaster Management Office (NDMO), Vanuatu Red Cross Society, Vanuatu Care International, Save the Children Vanuatu, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Facebook).	22	16	6
		Save the Children Vanuatu, UNDP, Shefa Education, Live & Learn, UN-Women, Vanuatu Christian Council (VCC), GCF Private Consultants, Vanuatu Society of People Living with Disability, Unelco Vanuatu, World Health Organization, Vanuatu Meteorology & Geo-Hazards Department (Staffs), General Public (Website and VMGD Call-Center).			