Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 196

Country: Vanuatu

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2023	Nov-2023	Dec-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Northern Region							
Sola (1971-2024)	182.0	267.8	235.6	239.1	446.6	353.9	17/50
Pekoa (1971-2024)	156.6	33.7	237.5	149.8	225.0	180.6	35/52
Lamap (1961-2024)				102.8	160.3	127.1	
Southern Region							
Bauerfield (1972-2024)	126.3	72.4	201.7	137.2	209.4	178.8	33/51
Port Vila (1953-2024)		47.5	146.5	115.0	223.9	173.9	30/71
Whitegrass (1972-2024)	39.6	7.3	29.9	50.0	100.7	80.0	9/53
Aneityum (1952-2024)	194.6	25.2	94.3	118.3	246.2	168.0	18/72

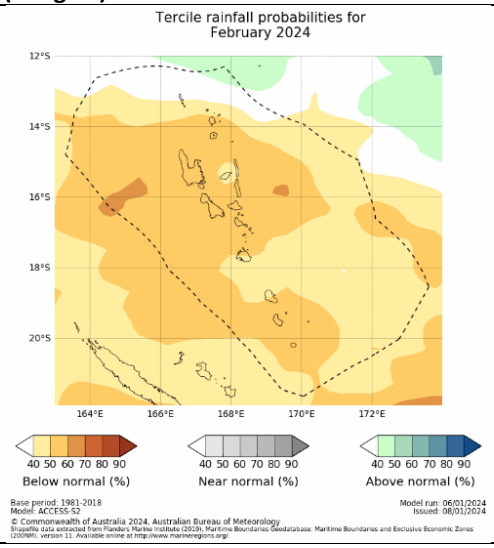
TABLE 2: Three-month Total Rainfall for October to December 2023

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Northern Region						
Sola (1971-2024)	685.4	Below normal	923.0	1370.6	1178.0	10/49
Pekoa (1971-2024)	427.8	Normal	424.4	632.3	528.3	19/52
Lamap (1961-2024)			336.6	459.1	375.2	
Southern Region						
Bauerfield (1972-2024)	400.4	Normal	343.0	594.5	458.4	24/51
Port Vila (1953-2024)			312.0	519.0	431.5	
Whitegrass (1972-2024)	76.8	Below normal	141.0	234.6	189.3	6/52
Aneityum (1952-2024)	314.1	Below normal	324.9	579.7	409.7	24/72

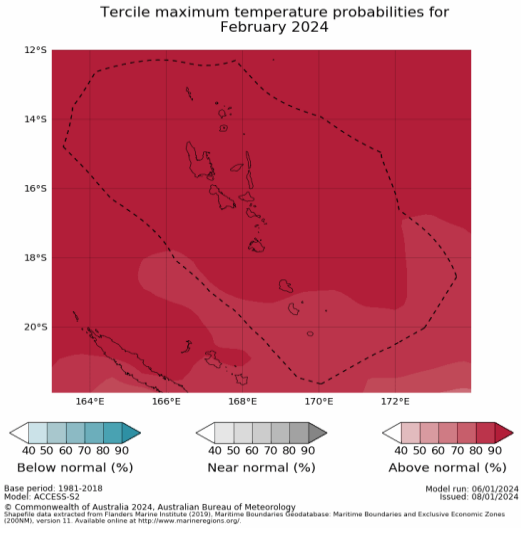
Part 1i. Monthly and Seasonal Outlooks for February and February to April 2024

Monthly: February

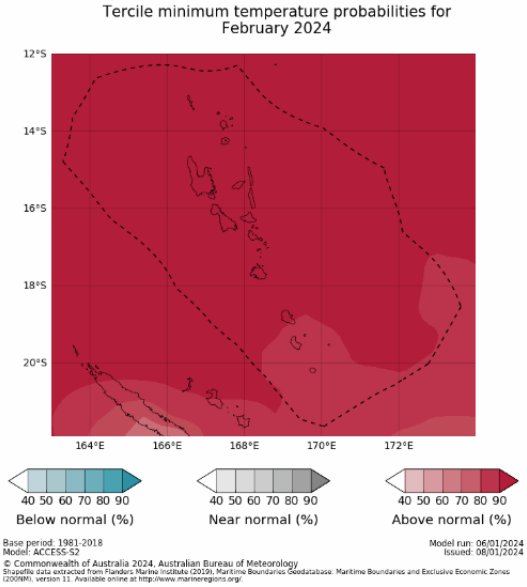
Rainfall (Image 1)



Monthly Maximum temperature (Image 3):

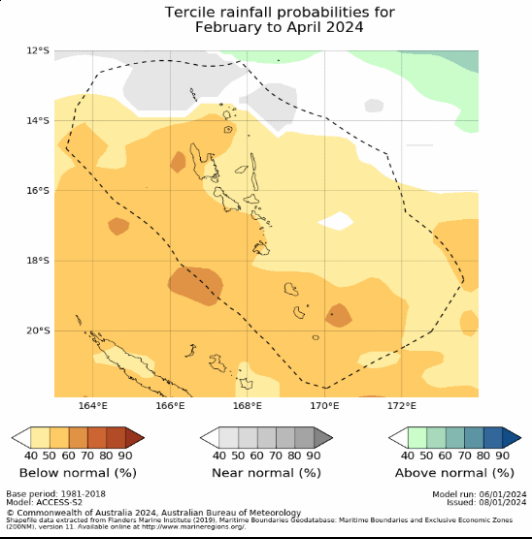


Monthly minimum temperature (Image 5):

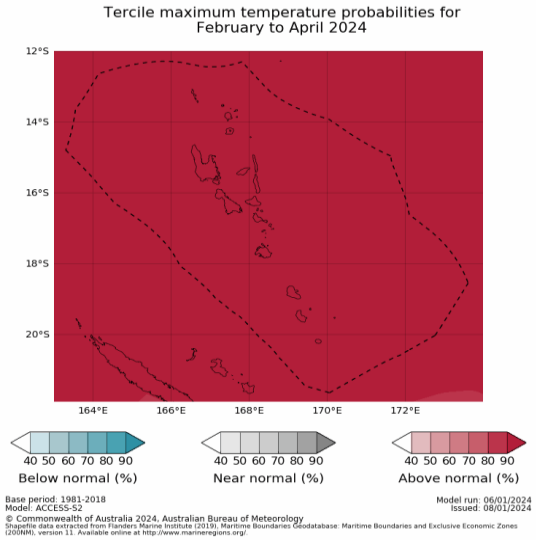


Seasonal: February to April

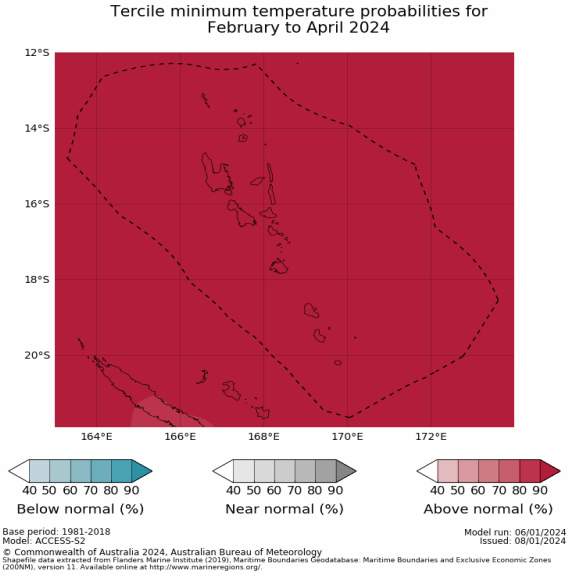
Rainfall (Image 2)



Seasonal maximum temperature (Image 4):

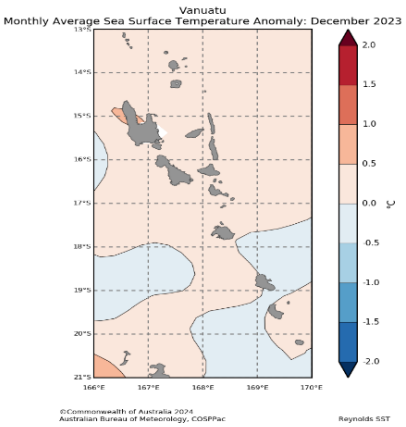
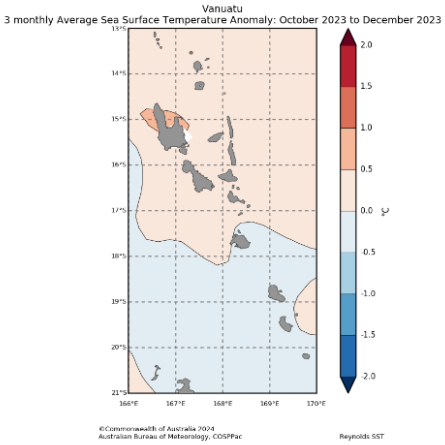
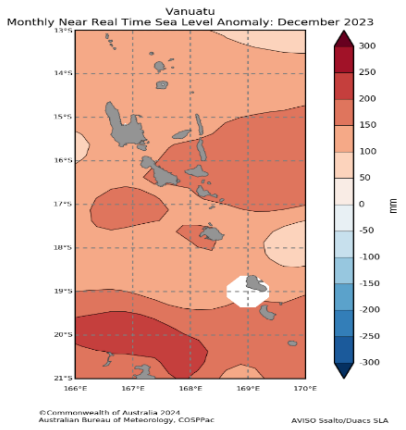
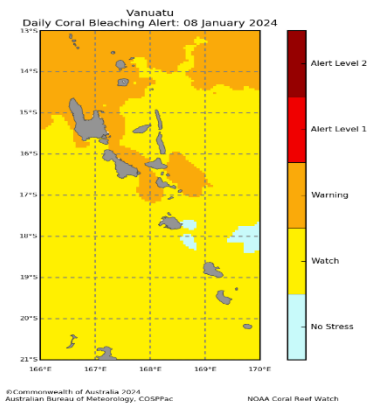
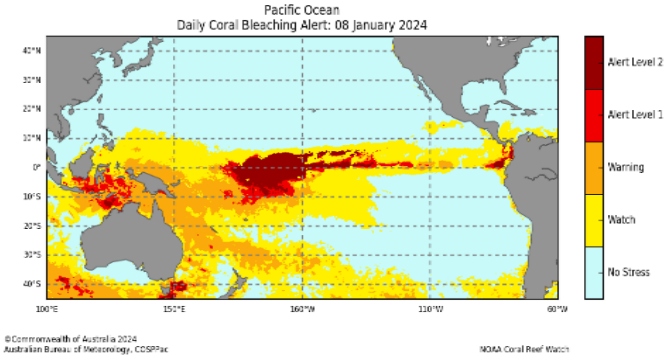


Seasonal minimum temperature (Image 6):

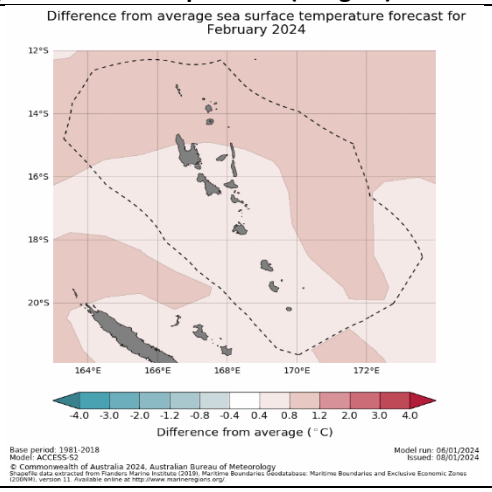
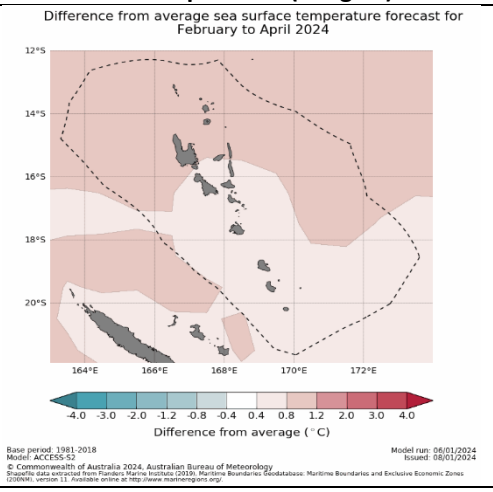
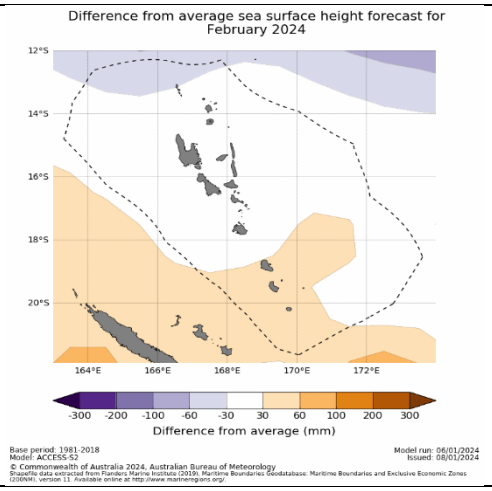
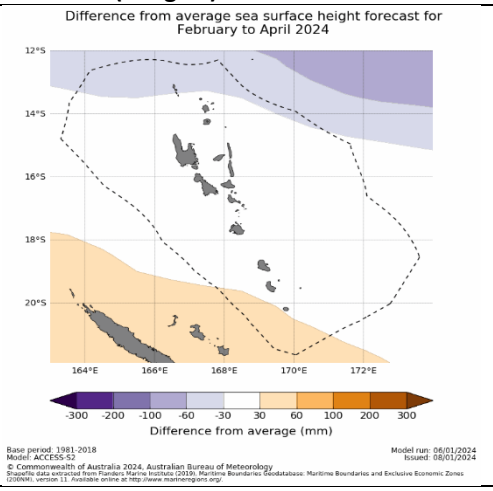
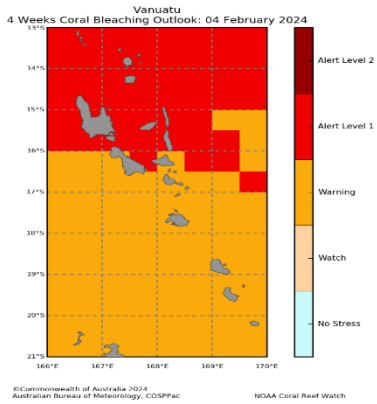
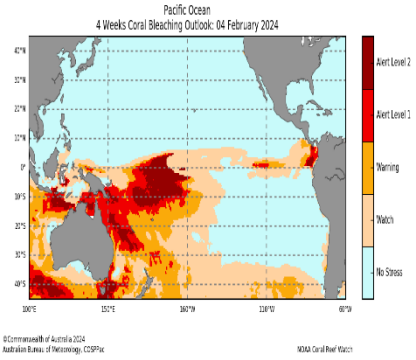


Part 2: Recent Ocean Observation

Monthly/Three months: December and October to December 2023

Monthly: December	**Last three months: October to December 2023:**
Sea Surface Temperature (Image 1):	**Sea Surface Temperature (Image 4):**
	
Sea level (Image 2):	
	
Daily coral bleaching alert (Image 3):	
	

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2024

Monthly: February	Seasonal: February to April
Monthly sea surface temperature (Image 5):	**Seasonal sea surface temperature (Image 6):**
	
Monthly sea level (Image 7):	**Seasonal sea level (Image 8):**
	
4-week Coral Bleaching (Image 9):	
	

Summary Statement

Monthly and last three months: December 2023/October to December 2023 statement

The rainfall for December was below normal at Sola, Whitegrass and Aneityum, near-normal at Bauerfield and Port Vila, and above normal at Pekoa.

The three-month total rainfall for October to December was below normal at Sola, Whitegrass and Aneityum, and near-normal at Pekoa and Bauerfield.

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for February, and for the February to April period, is likely to be below normal for most of the country.

Maximum and minimum temperatures during February, and averaged for the February to April period, are very likely to be above normal over the whole country.

Part 2: Recent Ocean summary statement

Monthly and last three months: December 2023/October to December 2023

December and averaged over October to December ocean temperatures over Vanuatu were near normal expect northern Espiritu Santo with 0.5 to 1.0°C above normal. December sea levels around Vanuatu were 50mm to 200mm above normal.

Coral bleaching alert at WATCH for southern Vanuatu, and WARNING for northern Vanuatu.

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2024

Ocean Variable statement

Ocean temperatures for February, and averaged over February to April, are predicted to be 0.4 to 1.2°C above normal.

February sea levels around the southern islands are predicted to be 30mm to 60mm above normal. Elsewhere are likely to be within the near normal range.

Averaged over February to April, sea levels around most of the country are predicted to be within the near normal range.

Coral bleaching outlook predicts Alert level 1 for the northern islands, while WARNING is predicted for the central and southern islands.

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

Product	Date: December 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				