# Country: Chuuk, FSM

# Part 1: Recent climate

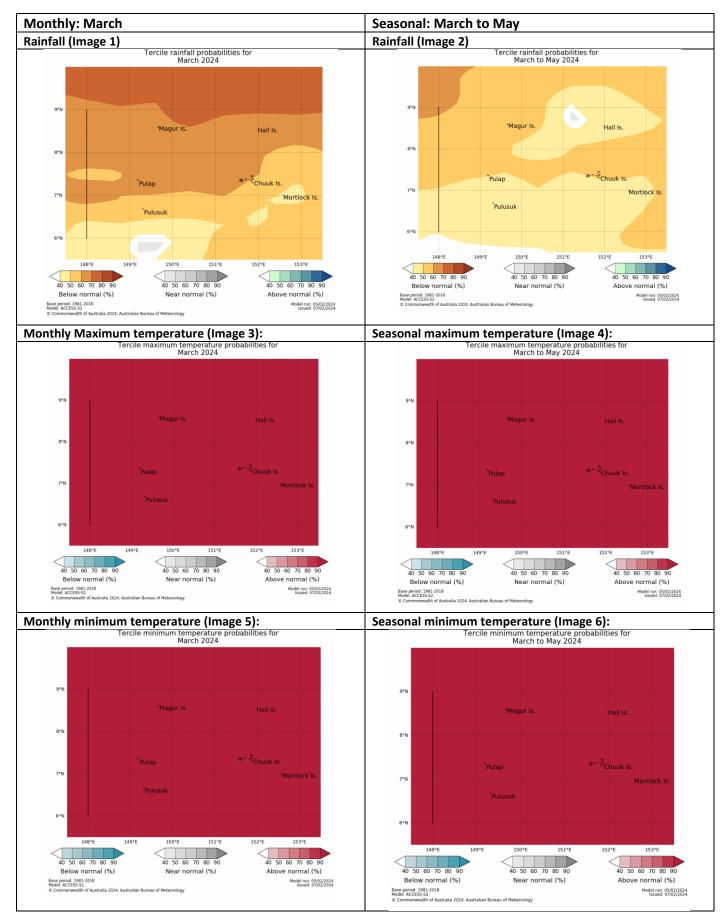
# TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2023	Dec-2023	Jan-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nalik
Chuuk (1946-2024)	379.2	285.0	255.3	193.8	274.9	237.2	45/76

# TABLE 2: Three-month Total Rainfall for November 2023 to January 2024

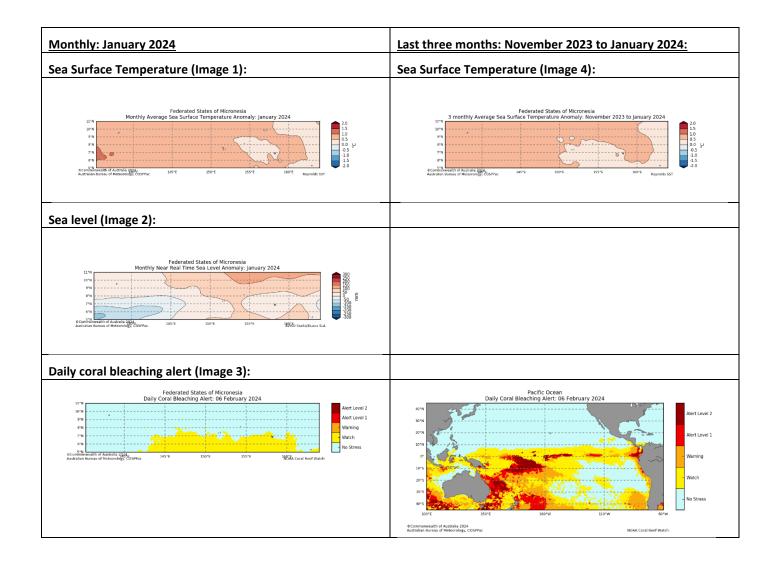
Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank
Chuuk (1946-2024)	919.5	Normal	768.3	965.3	842.2.	48/77

## Part 1i. Monthly and Seasonal Outlooks for March and March to May 2024

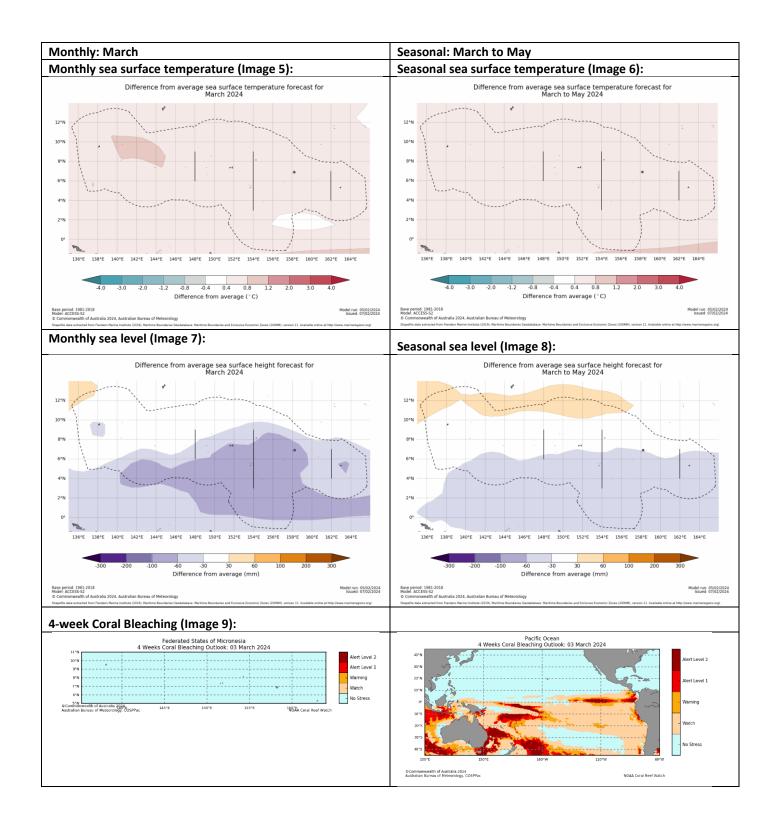


## Part 2: Recent Ocean Observation

#### Monthly/Three months: January 2024 and November 2023 to January 2024



## Part 2i. Monthly and Seasonal Outlooks for March and March to May 2024



### **Summary Statement**

#### Monthly and last three months: January 2024/November 2023 to January 2024 statement

The rainfall for January and for the November to January season was normal over Chuuk.

## Part 1i. Monthly and Seasonal Outlooks for March and March to May 2024

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

The rainfall for March and March to May is likely or very likely to be below normal over nearly all of the Chuuk region.

Maximum and minimum temperatures during March and the March to May season are very likely to be above normal over the entire Chuuk region.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: January 2024/November 2023 to January 2024

January ocean temperatures around the entire Chuuk region were 0.5 to 1.0°C above normal.

Averaged over November to January, ocean temperatures around Chuuk Lagoon and the Mortlock islands were near normal, while the rest of the Chuuk region were 0.5 to 1.0°C above normal.

January sea levels around Chuuk Lagoon, western parts of the Mortlock islands, Puluwat, Pulap, and Pulusuk were near normal while Namonuito Atoll, Hall islands, and Eastern parts of the Mortlock islands were 50mm to 100mm above normal.

Coral bleaching alert shows Watch status for southern Chuuk waters.

## Part 2i. Monthly and Seasonal Outlooks for March and March to May 2024

#### **Ocean Variable statement**

In March and the March to May season outlook, ocean temperatures around the entire Chuuk region are predicted to be 0.4 to 0.8°C above normal.

March sea levels around Chuuk Lagoon and the Mortlock islands are predicted to be 60mm to 100mm below normal while the Hall islands and western islands (included Polowat, Pulap, and Pulusuk) are predicted to be 30mm to 60mm below normal. The outlook for Namonuito atoll for March is likely to be near normal.

Averaged over March to May, sea levels around the Mortlock islands are predicted to be 30mm to 60mm below normal. The outlook for the same season over the rest of Chuuk are likely to be near normal.

Coral bleaching outlook predicts no thermal stress for the next four weeks.

#### **IN BRIEF for Teleconference**

• Rainfall was normal for both one and three months.

- The rainfall outlook indicates below average in March and over March to May.
- Air temperatures are very likely to be above average over March and March to May.
- SSTs were above normal for January and November to January. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSH) were above normal for January. Below normal sea surface heights are predicted for March and March to May.

Product	Date: January 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin			4	2	2	
EAR Watch			4	2	2	
Monthly Climate Briefing						
Ocean Outlook			4	2	2	
Climate data request						
		Total	4	2	2	

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