Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 212

Country: Chuuk, FSM

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2025	Mar- 2025	Apr-2025				
			Total (mm)	33%tile	67%tile	Median	Pank
	Total (mm)	Total (mm)		Nunk			
Chuuk (1946-2025)	289.3	197.9	321.8	224.2	351.9	291.4	50/78

TABLE 2: Three-month Total Rainfall for February to April 2025

Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank	
Chuuk(1946-2025)	809.0	Normal	631.0	830.5	740.7	51/78	

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2025



Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2025



Part 2i. Monthly and Seasonal Outlooks for June and June to August 2025



Summary Statement

Monthly and last three months: April 2025/February to April 2025 statement

The rainfall for April and the February to April season was near normal over Chuuk.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for June is likely to be below normal over the entire Chuuk region except for Pulusuk where near normal conditions are expected.

The rainfall for June to August is likely to be below normal over the entire Chuuk region except for Pulusuk where there is little guidance as the chances of abovenormal, normal and below-normal are similar.

Maximum and minimum temperatures during June and averaged over June to August season are likely to be above normal over the entire Chuuk region.

Part 2: Recent Ocean summary statement

Monthly and last three months: April 2025/February to April 2025

April sea surface temperatures (SSTs) around Namonuito atoll and parts of the Hall islands were 0.5 to 1.0°C above normal. The rest of the Chuuk region was 0 to 0.5°C above normal.

Averaged over February to April, sea surface around Namonuito atoll and the Hall islands were 0.5 to 1.0°C above normal. The rest of the Chuuk region was 0 to 0.5°C above normal.

April sea levels around the entire Chuuk region were above normal. In the Mortlock islands, sea levels were 100 to 155mm. Around Chuuk Lagoon, the western islands including Pulap and Pulusuk, and the northwest island of Onoun were 150 to 200mm. The rest of the islands in Namonuito atoll and the Hall islands were 200 to 250mm.

A coral bleaching Watch status is currently in effect for the entire Chuuk region as of May 03, 2025.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2025

Ocean Variable statement

June and the average over June to August, sea surface temperatures around the entire Chuuk region are predicted to be 0.4 to 0.8°C above normal.

June sea levels around the Makur islands and the western parts of the Hall islands are predicted to be 60 to 100mm above normal. The western islands, including Pulap and Pulusuk, Chuuk Lagoon, and the rest of the Hall islands, are predicted to be near normal at 30 to 60mm.

Averaged over June to August, sea levels around the entire Chuuk region are predicted to be near normal. The Makur islands and parts of the Hall islands are predicted to be 30 to 60mm above normal. The rest of the Chuuk region will stay within the range of -30 to 30mm (near normal).

Coral Bleaching outlook indicates a Warning status for the next 4 weeks.

In brief for Teleconference

- Rainfall was near-normal for April and February to April.
- The rainfall outlook generally indicates below normal most likely in June and the June to August season.
- SSTs were above normal for April and February to April. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for April. Above normal sea levels are predicted for June, while near normal sea levels are predicted for June to August.

Product	Date: April 2025	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7		20-60 yrs of age	
EAR Watch		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7		20-60 yrs of age	
Monthly Climate Briefing								
Ocean Outlook		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7		20-60 yrs of age	
Climate data request								
		Total	45	24	21			

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

Acronyms:

DEOC - Disaster and Emergency Operations Center (this is the state disaster management office)

DECCEM – Department of Environment Climate Change and Emergency Management

CPUC – Chuuk Public Utilities Corporation

IOM – International Organization of Migration

CWC – Chuuk Women's Council

DOE – Department of Education

EPA – Environmental Protection Agency