

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 202

Country: Chuuk, FSM

Part 1: Recent climate

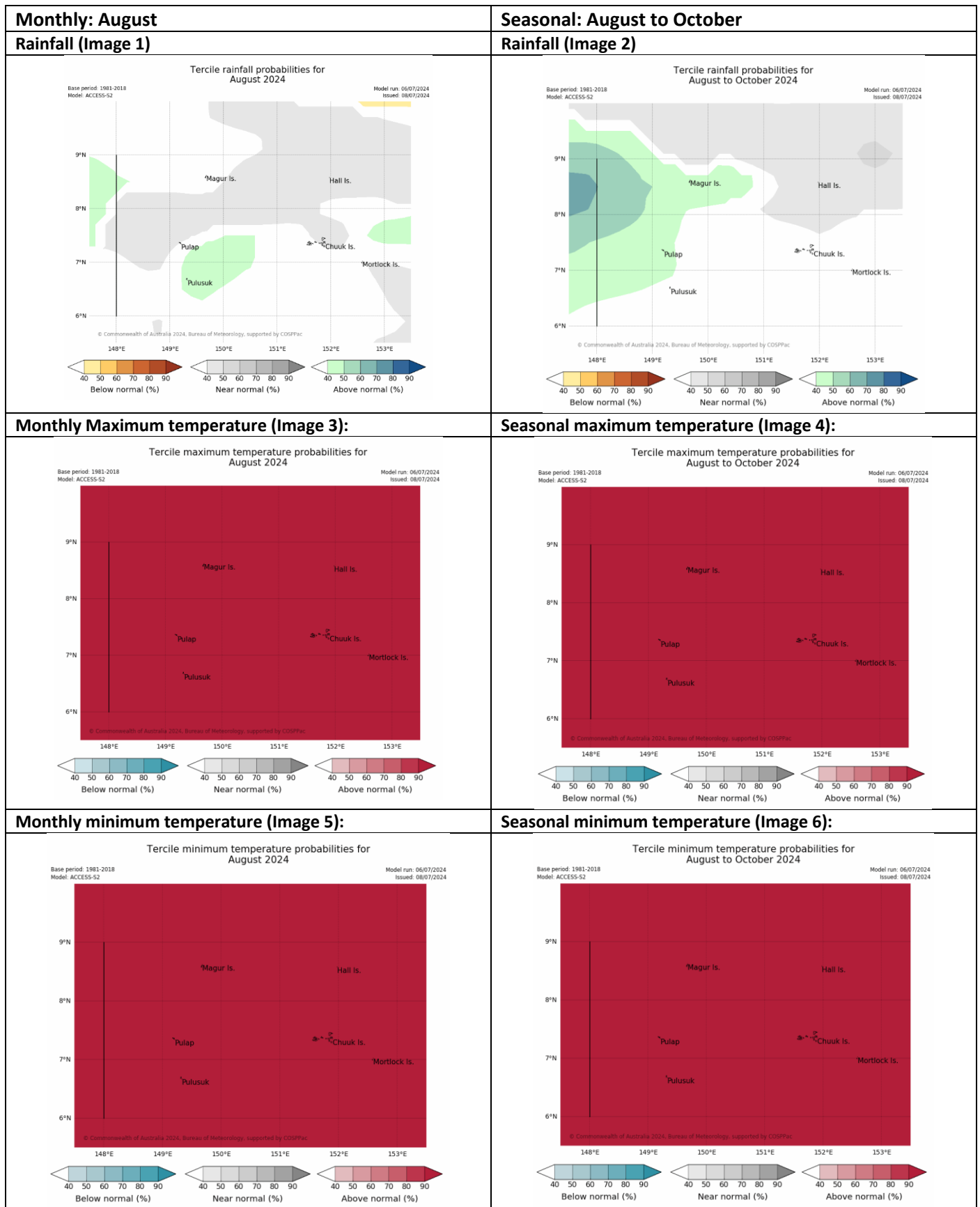
TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2024	May-2024	Jun-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Chuuk (1946-2024)	314.5	273.3	390.7	279.2	354.9	308.5	63/75

TABLE 2: Three-month Total Rainfall for April to June 2024

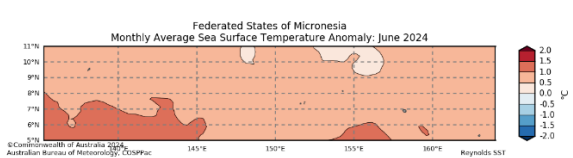
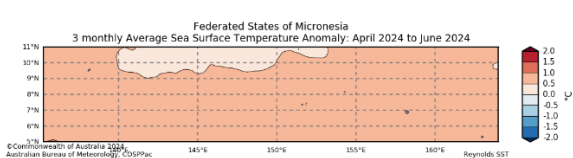
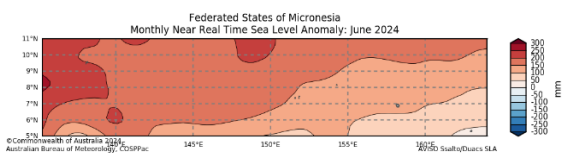
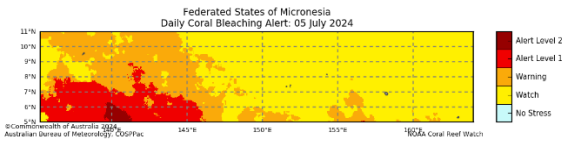
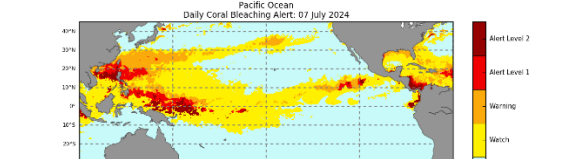
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Chuuk (1946-2024)	978.5	Normal	866.9	1062.9	972.6	39/75

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024

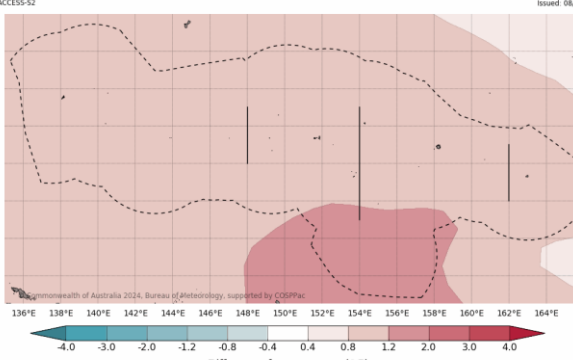
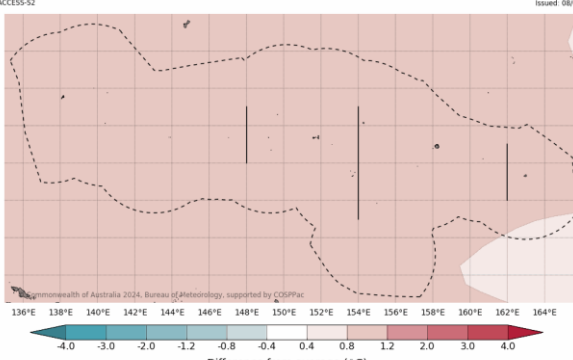


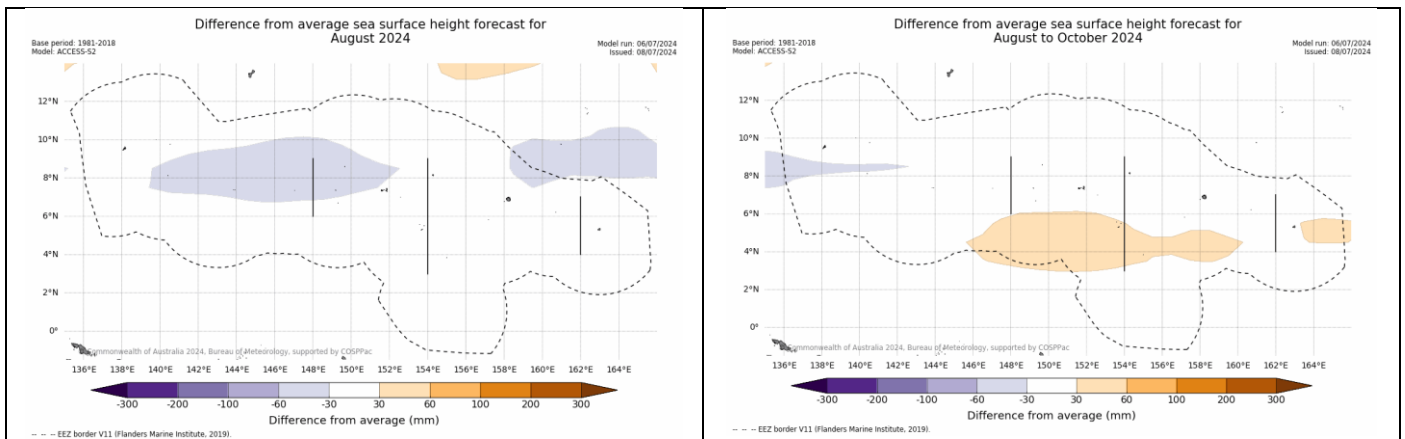
Part 2: Recent Ocean Observation

Monthly/Three months: June 2024 and April to June 2024

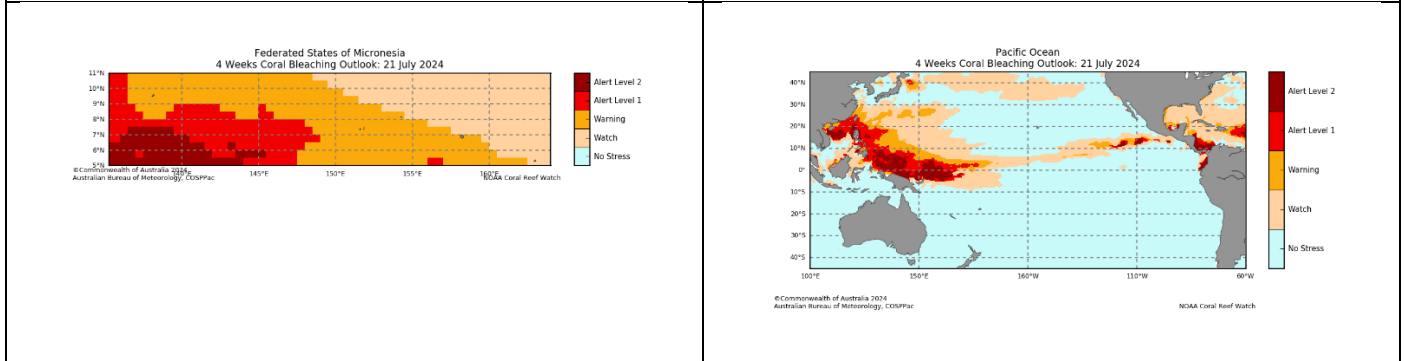
<p>Monthly: June 2024</p>	<p>Last three months: April to June 2024:</p>
<p>Sea Surface Temperature (Image 1):</p> 	<p>Sea Surface Temperature (Image 4):</p> 
<p>Sea level (Image 2):</p> 	
<p>Daily coral bleaching alert (Image 3):</p> 	

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024

<p>Monthly: August</p>	<p>Seasonal: August to October</p>
<p>Monthly sea surface temperature (Image 5):</p> 	<p>Seasonal sea surface temperature (Image 6):</p> 
<p>Monthly sea level (Image 7):</p>	<p>Seasonal sea level (Image 8):</p>



4-week Coral Bleaching (Image 9):



Summary Statement

Monthly and last three months: June 2024/April to June 2024 statement

June's rainfall in Chuuk Lagoon was above normal, while it has been near-normal for the past three months.

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall in August is likely to be near normal for Chuuk Lagoon, Hall Islands, and the Mortlock Islands. The outlook for Namonuito Atoll offers little guidance, while above normal rainfall is likely for the western island of Pulusuk.

The rainfall for August to October is likely to be above normal over the western Chuuk islands, near-normal in the Hall islands, while there is little guidance for Pulusuk, Chuuk Lagoon and the Mortlock Islands.

Maximum and minimum temperatures during August and averaged over August to October are very likely to be above normal over the entire Chuuk region

Part 2: Recent Ocean summary statement

Monthly and last three months: June 2024/April to June 2024

During June and averaged over April to June, ocean temperatures around the entire Chuuk region were 0.5 to 1.0°C above normal.

June sea levels around Chuuk Lagoon and the Mortlock Islands were 100mm to 150mm above normal, while the rest of the islands experienced 150mm to 200mm above normal.

The coral bleaching alert is at ‘watch’ level for the region.

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024

Ocean Variable statement

During August and the August to October season, ocean temperatures around the entire Chuuk region are predicted to be 0.8 to 1.2°C above normal.

August sea levels around the northwest islands of Chuuk are predicted to be 30mm to 60mm below normal, while near-normal elsewhere.

Averaged over August to October, sea levels around the Mortlock islands are predicted to be 30mm to 60mm above normal, while near-normal elsewhere.

The 4-week coral bleaching outlook shows ‘warning’ level for the region.

IN BRIEF for Teleconference

- Rainfall was above normal for June and near normal for April to June.
- In general, August and August to October rainfall is likely to be near-normal, except for the western Chuuk islands where August to October rainfall is likely to be above normal.
- SSTs were above normal for June and April to June. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for June. Near normal sea surface heights are predicted for August and August to October.

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

Product	Date: June 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7	
EAR Watch		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7	
Monthly Climate Briefing						
Ocean Outlook		DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	15	8	7	
Climate data request						

	Total	45	24	21	
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