

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

Country: FSM, Pohnpei and Kosrae

Part 1: Recent climate

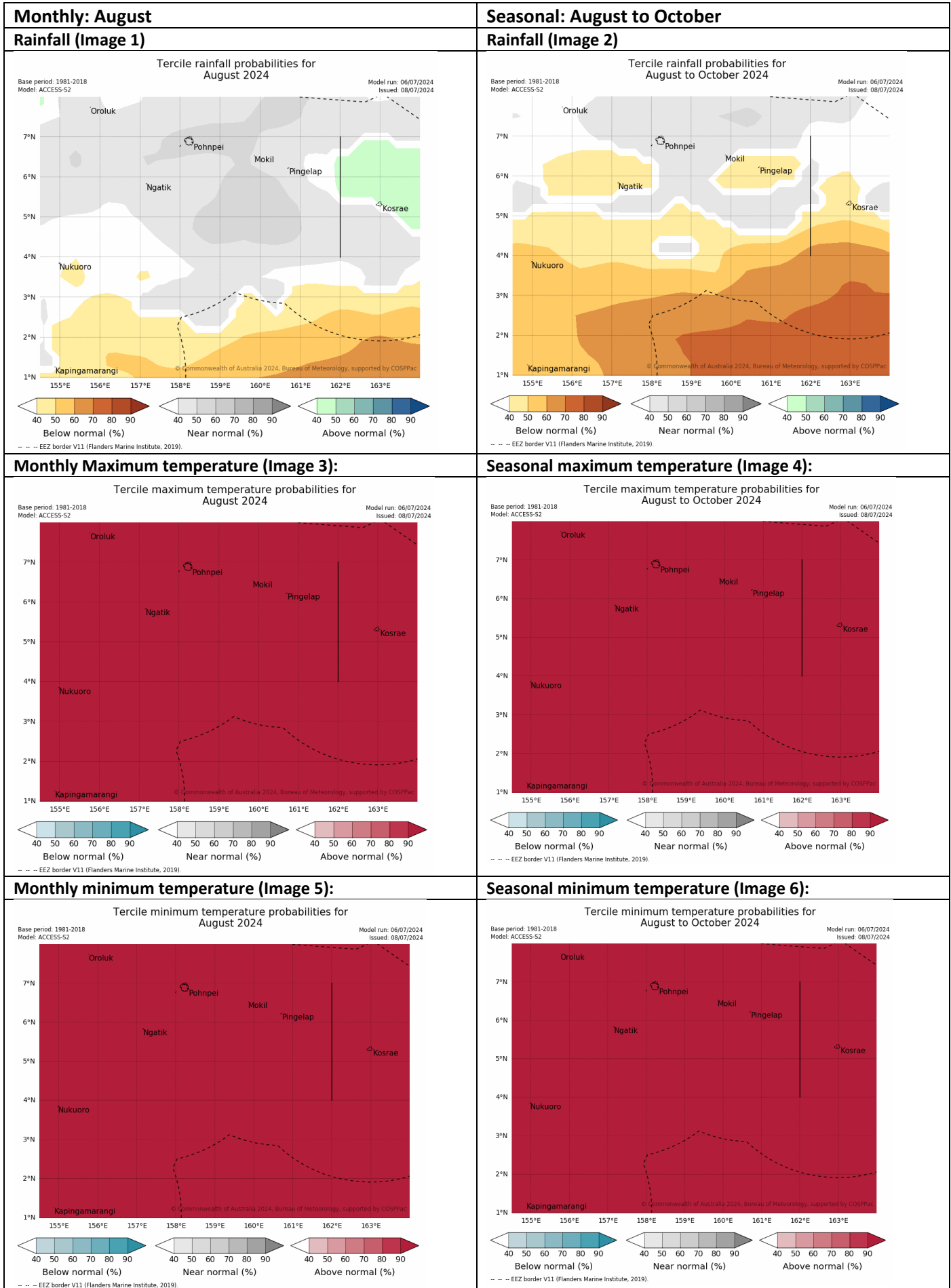
**TABLE 1: Monthly Rainfall**

Station (include data period)	Apr-2024	May-2024	Jun-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Pohnpei (1945-2024)	542.5	611.4	389.6	372.9	468.2	411.4	32/74
Kosrae (1954-2024)	371.9	557.8	407.2	365.7	458.8	401.2	29/56

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

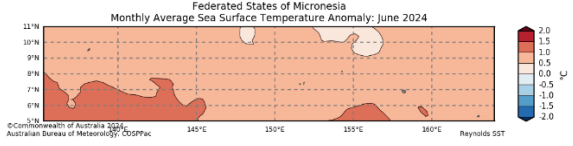
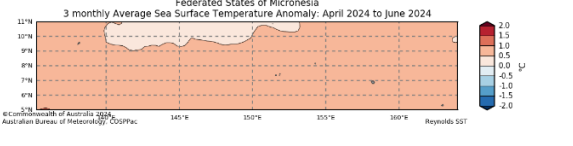
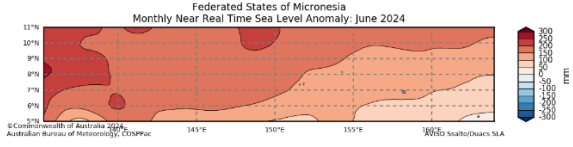
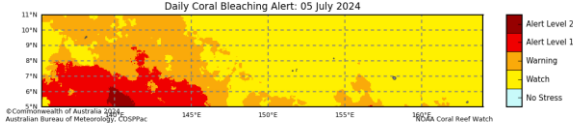
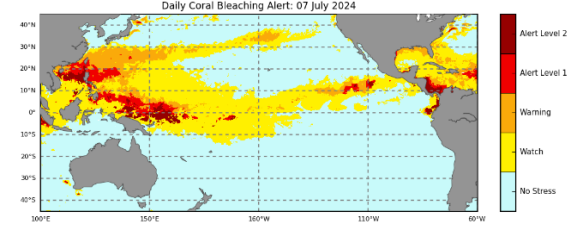
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Pohnpei (1945-2024)	1543.5	Above normal	1252.0	1514.9	1359.8	53/74
Kosrae (1954-2024)	1336.9	Normal	1223.1	1537.9	1318.0	30/51

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

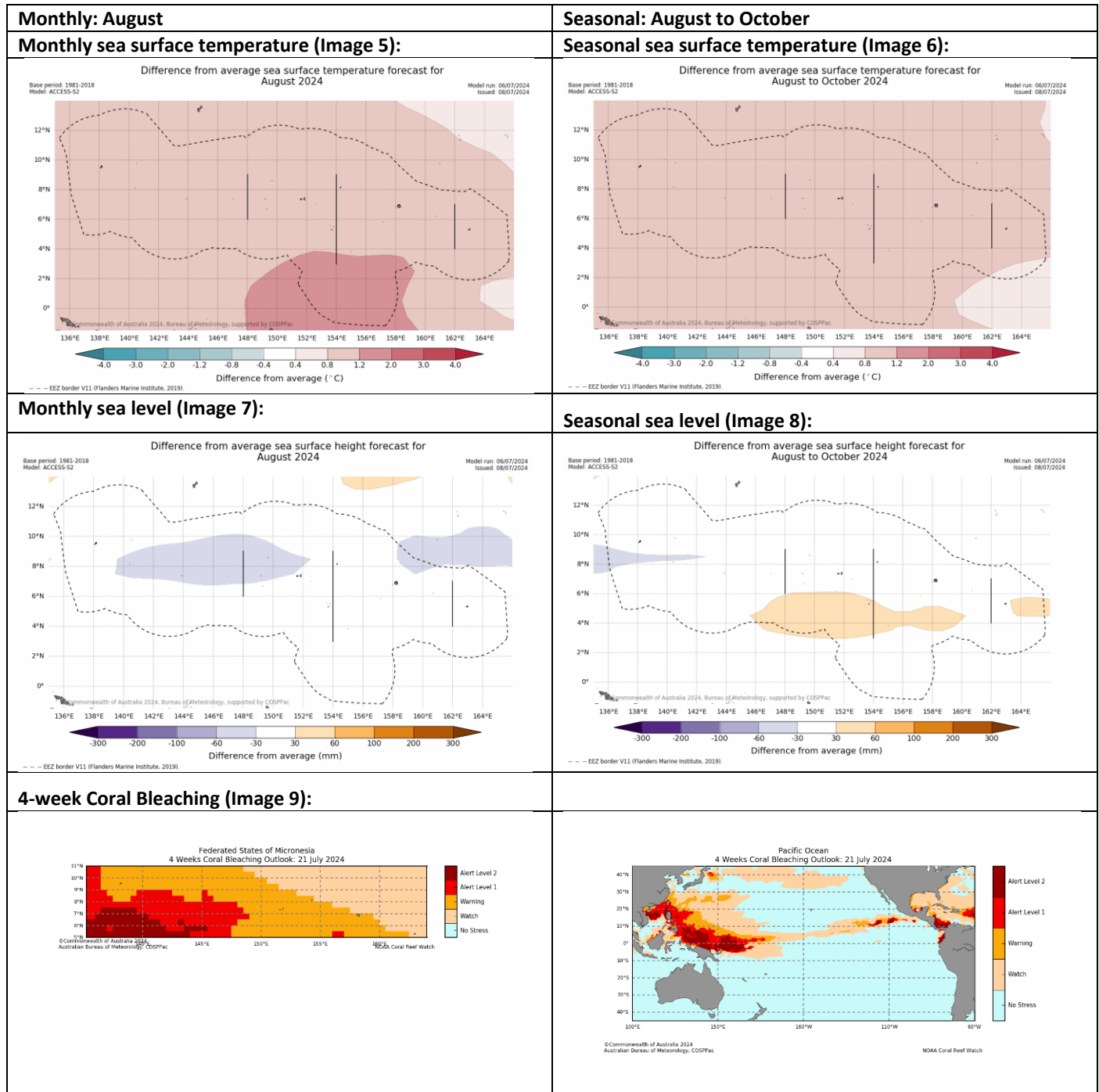


# Part 2: Recent Ocean Observation

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

Monthly: June 2024	Last three months: April to June 2024:
<p><b>Sea Surface Temperature (Image 1):</b></p>  <p>Federated States of Micronesia Monthly Average Sea Surface Temperature Anomaly: June 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p><b>Sea Surface Temperature (Image 4):</b></p>  <p>Federated States of Micronesia 3 monthly Average Sea Surface Temperature Anomaly: April 2024 to June 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>
<p><b>Sea level (Image 2):</b></p>  <p>Federated States of Micronesia Monthly Near Real Time Sea Level Anomaly: June 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	
<p><b>Daily coral bleaching alert (Image 3):</b></p>  <p>Federated States of Micronesia Daily Coral Bleaching Alert: 05 July 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 07 July 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

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



## Summary Statement

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

The rainfall for June was near-normal over both Pohnpei and Kosrae. For the past three months, rainfall was above normal over Pohnpei and near-normal over Kosrae.

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

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for August is likely to be near-normal over Pohnpei and the outer islands of Oroluk, Ngatik, Mokil, and Pingelap, while below normal rainfall is likely over Nukuoro and Kapingamarangi. In Kosrae, August's rainfall is likely to be above normal.

The rainfall for August to October is likely to be near-normal over Pohnpei, and below normal for the rest of the outer islands as well as in Kosrae.

Maximum and minimum temperatures during August and averaged over August to October, are very likely to be above normal over Pohnpei and Kosrae.

## Part 2: Recent Ocean summary statement

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

June and averaged over April to June, ocean temperatures around Pohnpei and Kosrae were 0.5 to 1.0°C above normal.

June sea levels were 100mm to 200mm above normal around Pohnpei and 50 to 150mm above normal around Kosrae.

There is a coral bleaching 'Watch' for Pohnpei and Kosrae.

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

### Ocean Variable statement

August and averaged over August to October, ocean temperatures around Pohnpei and Kosrae are predicted to be 0.8 to 1.2°C above normal.

August sea levels around Pohnpei and Kosrae are predicted to be near-normal.

Averaged over August to October, sea levels around Pohnpei are predicted to be near-normal and 30 to 60mm above normal east of Kosrae.

Coral bleaching outlook is at 'Warning' for Pohnpei and 'Watch' for Kosrae.

## IN BRIEF for Teleconference

- Rainfall was near-normal for June and April to June, except for Pohnpei where rainfall was above normal for April to June.
- The rainfall outlook generally indicates normal most likely in August but below average for total rainfall over August to October
- 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		Pohnpei Municipal Gov't, Kosrae Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries	60	49	11	
EAR Watch		Pohnpei Municipal Gov't, Kosrae Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries	60	49	11	

Monthly Climate Briefing						
Ocean Outlook						
Climate data request						
<b>Total</b>			<b>60</b>	<b>49</b>	<b>11</b>	