

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 203

Country: FSM, Pohnpei and Kosrae

Part 1: Recent climate

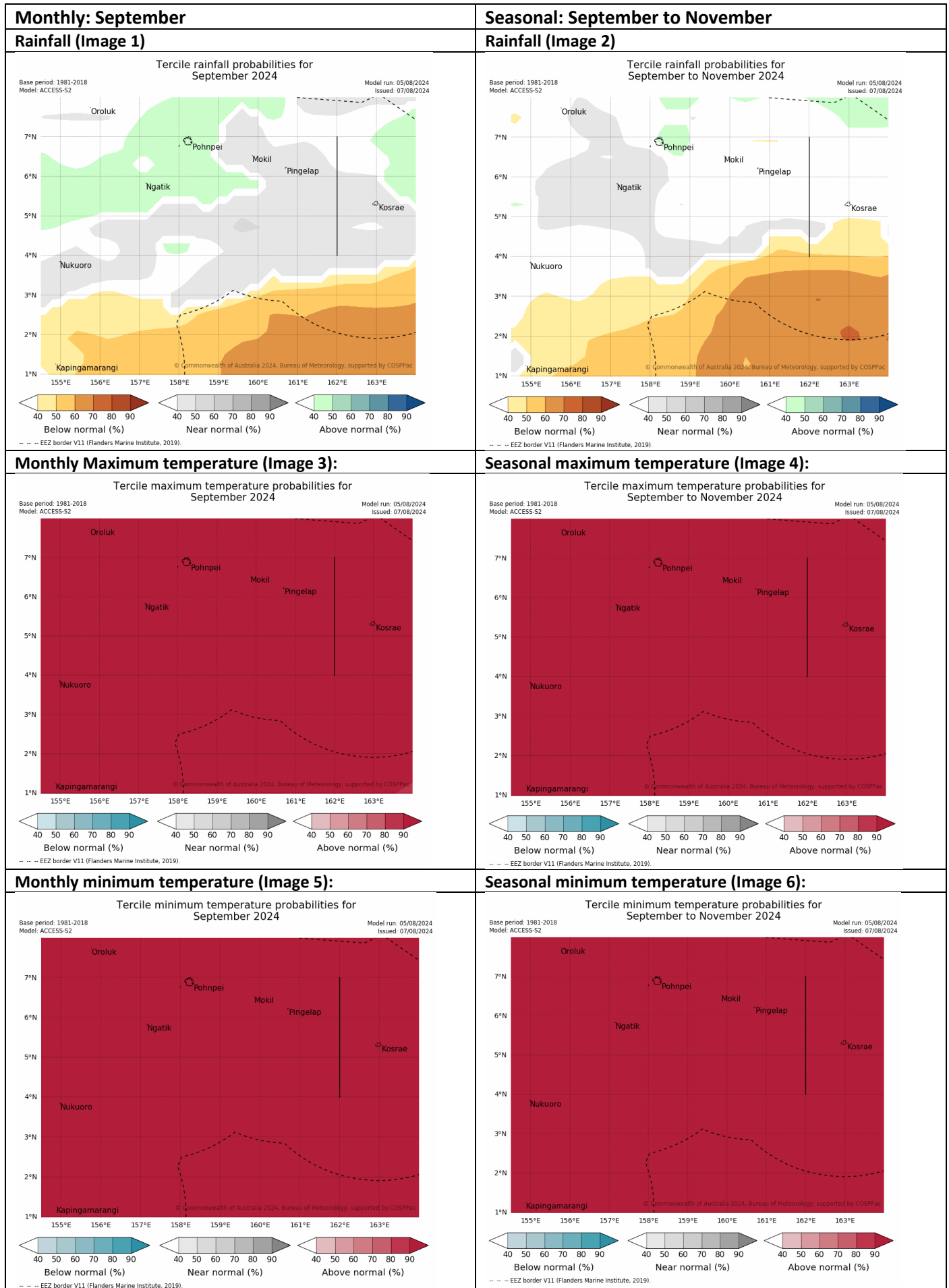
TABLE 1: Monthly Rainfall

Station (include data period)	May-2024	Jun-2024	Jul-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Pohnpei (1945-2024)	611.4	389.6	535.7	356.6	440.0	396.8	59/75
Kosrae (1954-2024)	557.8	407.2	584.0	354.4	471.4	399.2	50/57

TABLE 2: Three-month Rainfall for May to July 2024

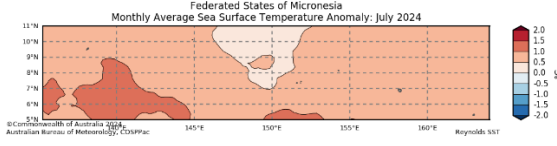
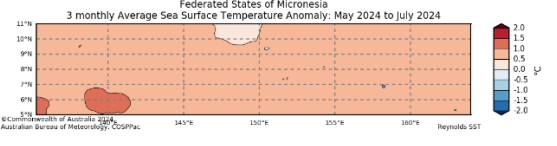
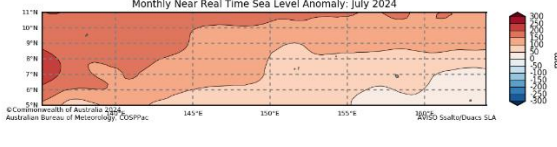
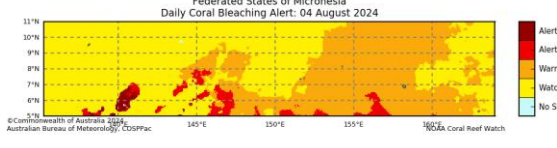
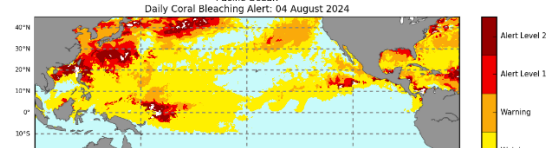
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Pohnpei (1945-2024)	1536.7	Above normal	1235.2	1441.4	1322.0	60/74
Kosrae (1954-2024)	1549.0	Above normal	1153.2	1453.8	1299.9	40/50

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2024

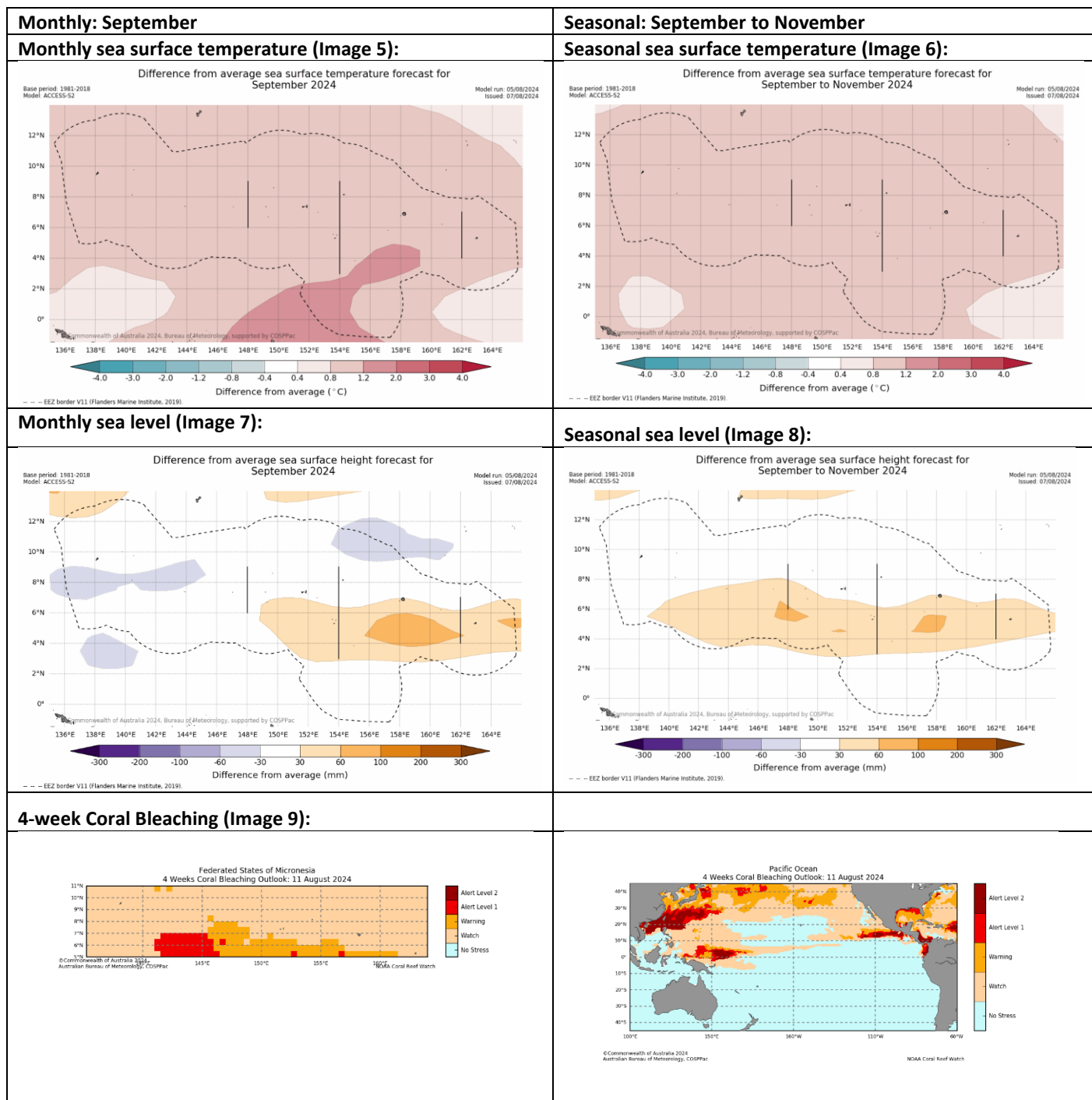


Part 2: Recent Ocean Observation

Monthly/Three months: July 2024 and May to July 2024

<p>Monthly: July 2024</p>	<p>Last three months: May to July 2024:</p>
<p>Sea Surface Temperature (Image 1):</p>  <p>Federated States of Micronesia Monthly Average Sea Surface Temperature Anomaly: July 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p>Sea Surface Temperature (Image 4):</p>  <p>Federated States of Micronesia 3 monthly Average Sea Surface Temperature Anomaly: May 2024 to July 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>
<p>Sea level (Image 2):</p>  <p>Federated States of Micronesia Monthly Near Real Time Sea Level Anomaly: July 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Federated States of Micronesia Daily Coral Bleaching Alert: 04 August 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 04 August 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 September and September to November 2024



Summary Statement

Monthly and last three months: July 2024/May to July 2024 statement

The rainfall for July and May to July was above normal for both Pohnpei and Kosrae stations.

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for September is likely to be above normal over Pohnpei and Ngatik. In Kosrae, Pingelap, Mokil, and Nukuoro, the outlook shows September's rainfall is likely to be near normal and likely to be below normal over Kapingamarangi.

The rainfall for September to November is likely to be above normal over Pohnpei, below normal over Kapingamarangi, and near normal over Oroluk and Ngatik. For the rest of the country, the outlook offers little guidance for September to November's rainfall.

Maximum and minimum temperatures during September and averaged over September to November are very likely to be above normal over Pohnpei and Kosrae and the outer islands.

Part 2: Recent Ocean summary statement

Monthly and last three months: July 2024/May to July 2024

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

July sea levels around Pohnpei were 50mm to 100mm above normal and near normal around Kosrae.

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

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2024

Ocean Variable statement

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

September and averaged over September to November, sea levels around Pohnpei and Kosrae are predicted to be 30mm to 60mm above normal.

The coral bleaching outlook shows "watch" level for both Pohnpei and Kosrae.

IN BRIEF for Teleconference

- Rainfall was above normal for July and May to July, for Pohnpei and Kosrae.
- The rainfall outlook generally indicates above normal likely in September for Pohnpei, Kosrae, and the outer islands, except for Kapingamarangi, where the outlook indicates likely below normal. September to November, likely to be above normal over Pohnpei, near normal west of Pohnpei, and below normal in the south.

- SSTs were above normal for July and May to July. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for July around Pohnpei and near normal around Kosrae. Above normal sea surface heights are predicted for September and September to November.

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

Product	Date: July 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	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,	60	49	11			

		DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries						
Monthly Climate Briefing								
Ocean Outlook								
Climate data request								
Total			60	49	11			