

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 209

Country: FSM, Pohnpei and Kosrae

Part 1: Recent climate

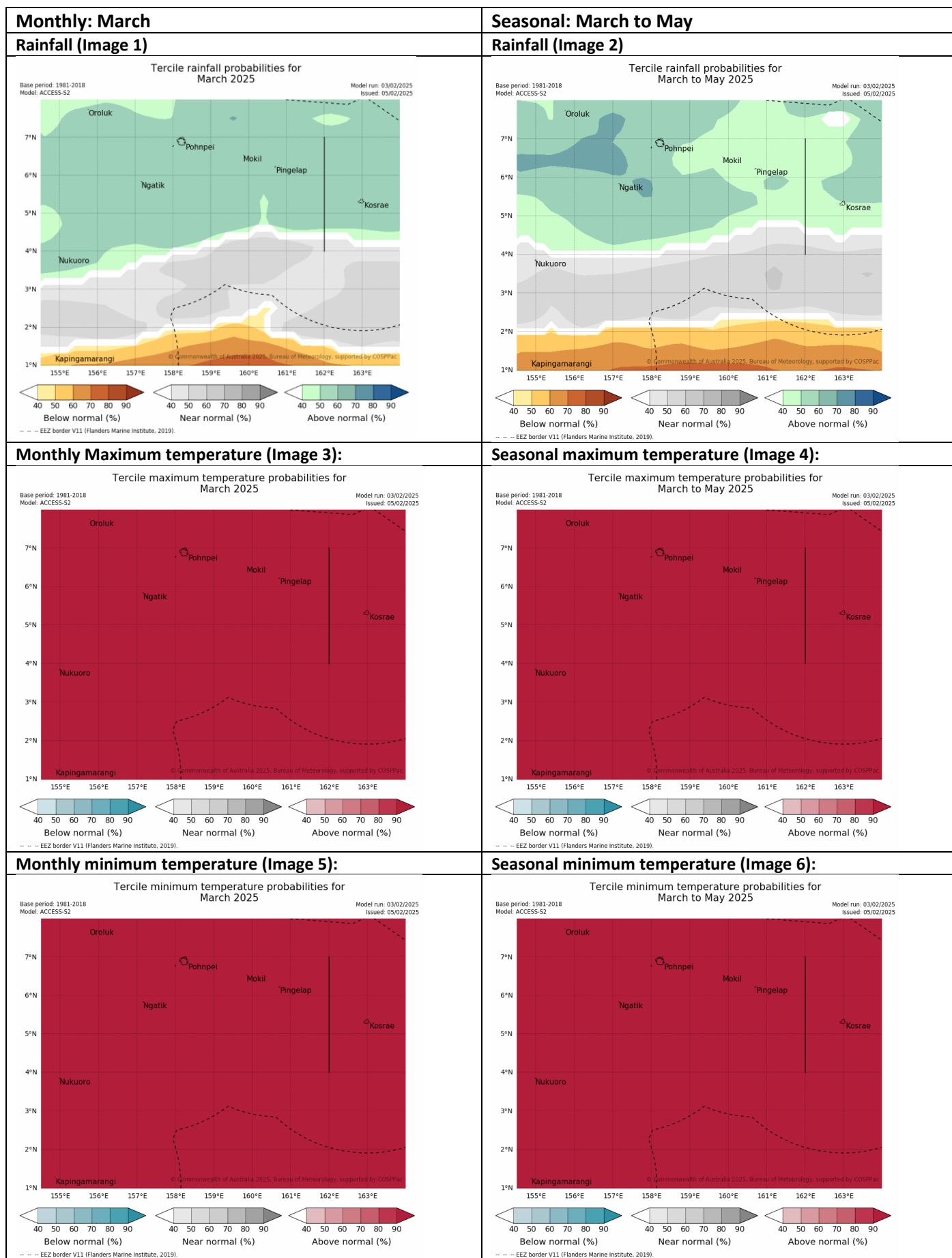
TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2024	Dec-2024	Jan-2025				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Pohnpei (1945-2025)	398.8	806.2	393.7	255.1	370.6	285.3	53/76
Kosrae (1954-2025)	294.9	560.8	671.1	313.2	477.4	419.6	48/53

TABLE 2: Three-month Rainfall for November 2024 to January 2025

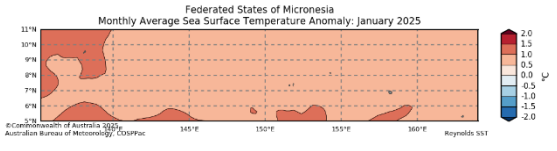
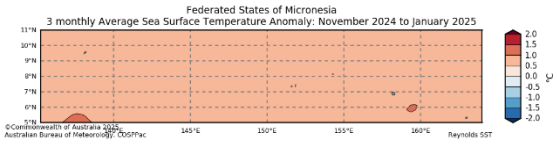
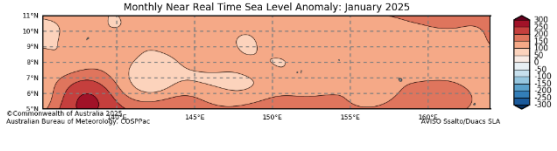
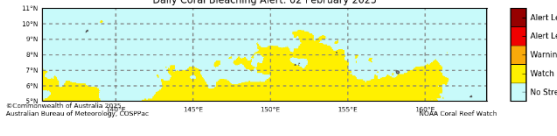
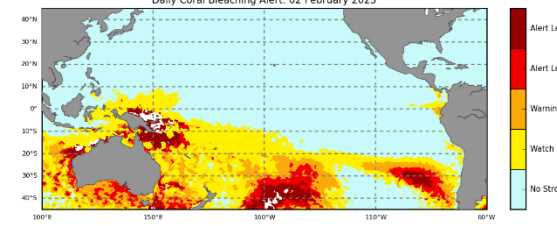
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Pohnpei (1945-2025)	1598.7	Above normal	999.1	1211.8	1122.7	71/75
Kosrae (1954-2025)	1526.8	Normal	1179.9	1532.6	1303.9	30/45

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

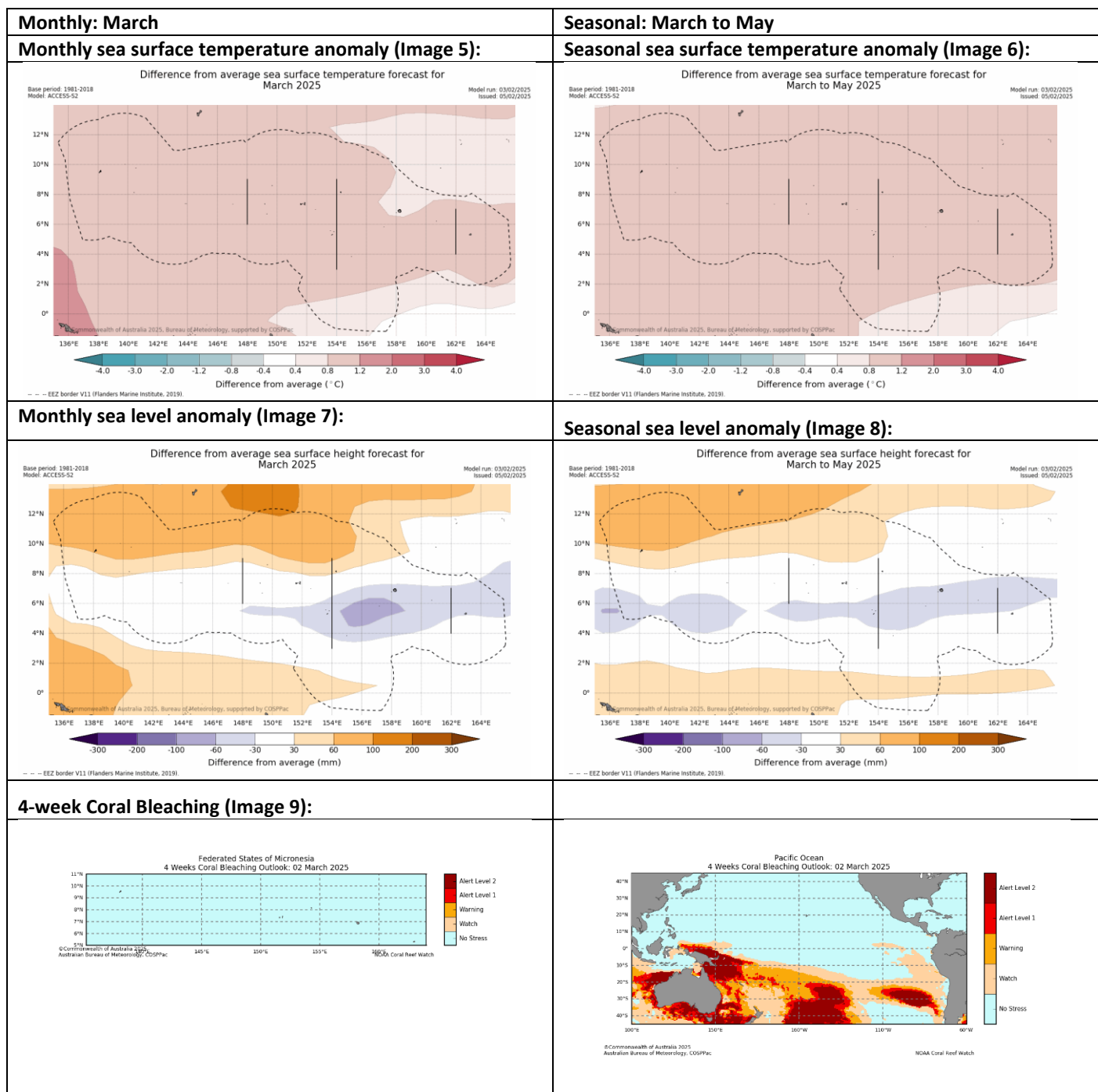


Part 2: Recent Ocean Observation

Monthly/Three months: January 2025 and November 2024 to January 2025

Monthly: January 2025	Last three months: November 2024 to January 2025:
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Federated States of Micronesia Monthly Average Sea Surface Temperature Anomaly: January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>Federated States of Micronesia 3 monthly Average Sea Surface Temperature Anomaly: November 2024 to January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p>
<p>Sea level anomaly (Image 2):</p>  <p>Federated States of Micronesia Monthly Near Real Time Sea Level Anomaly: January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Federated States of Micronesia Daily Coral Bleaching Alert: 02 February 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 02 February 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025



Summary Statement

Monthly and last three months: January 2025/November 2024 to January 2025 statement

The rainfall for January was above normal over Pohnpei and Kosrae. January was the sixth wettest on record for Kosrae. For the past three months, rainfall was above normal over Pohnpei and normal over Kosrae. November to January was the fifth wettest on record for Pohnpei.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March is likely to be above normal over Pohnpei, the outer islands of Oroluk, Ngatik, Mokil, Pingelap, Nukuoro, and the state of Kosrae. In Kapingamarangi, the outlook shows March's rainfall is likely to be below normal.

The rainfall for March to May is likely to be above normal over Pohnpei, the outer islands of Oroluk, Ngatik, Mokil, Pingelap, Nukuoro, and the state of Kosrae. In Kapingamarangi, the outlook shows March to May rainfall is very likely to be below normal.

Maximum and minimum temperatures during March and averaged over March to May are very likely to be above normal over Pohnpei and Kosrae.

Part 2: Recent Ocean summary statement

Monthly and last three months: January 2025/November 2024 to January 2025

January and averaged over November to January, sea surface temperatures (SSTs) around Pohnpei and Kosrae were 0.5 to 1.0°C above normal.

January sea levels around Pohnpei and Kosrae were 100 to 150mm above normal.

A coral bleaching Watch status is currently in effect for south of Pohnpei as of 02 February 2025.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025

Ocean Variable statement

March and averaged over March to May, sea surface temperatures around Pohnpei and Kosrae are predicted to be 0.4 to 1.2°C above normal.

March sea levels around Pohnpei and Kosrae are predicted to be 30mm to 60mm below normal.

Averaged over March to May, sea levels around Pohnpei are predicted to be 30mm to 60mm below normal while Kosrae is predicted to be near normal.

Coral Bleaching outlook indicates No Stress status for the next 12 weeks.

In brief for Teleconference

- Rainfall was above normal for January and November to January, except Kosrae where rainfall was near normal from November to January. January was the sixth wettest on record for Kosrae, while Pohnpei recorded the fifth wettest November to January on record.
- The rainfall outlook generally indicates above normal most likely in March and March to May, except for the outer island of Kapingamarangi where the outlook generally indicates below normal for both periods.
- SSTs were above normal for January and November to January. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Below-normal sea levels are predicted for March and March to May.

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

Product	Date: January 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, Conservation Society of Pohnpei	63	51	12			
EAR Watch		Pohnpei Municipal Gov't, Kosrae	63	51	12			

		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						
Monthly Climate Briefing								
Ocean Outlook								
Climate data request								
Total			63	51	12			