

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 206

Country: FSM, Pohnpei and Kosrae

Part 1: Recent climate

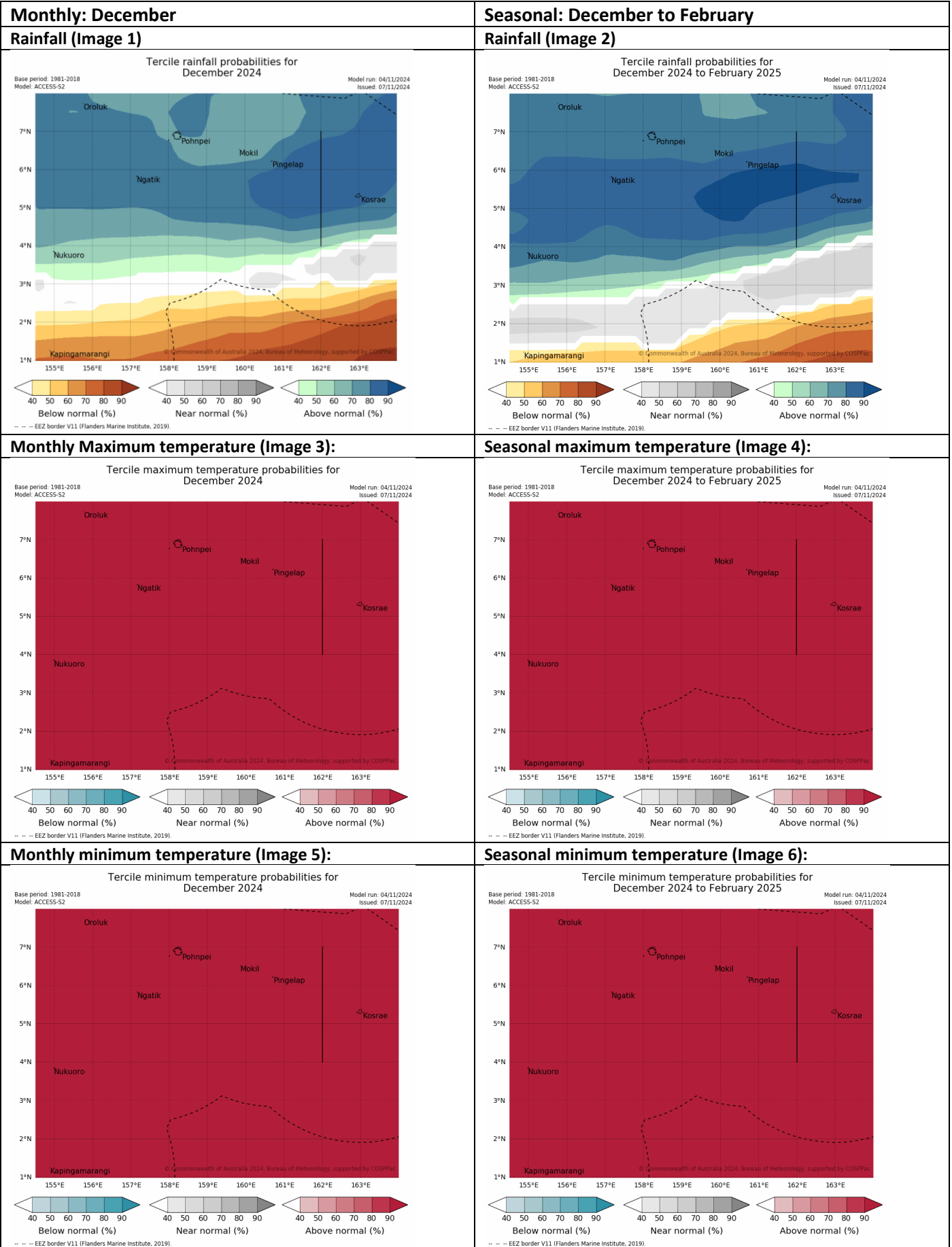
TABLE 1: Monthly Rainfall

Station (include data period)	Aug-2024	Sep-2024	Oct-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Pohnpei (1945-2024)	178.3	374.1	380.5	341.3	436.6	391.2	33/75
Kosrae (1954-2024)	233.9	277.4	331.5	279.0	364.8	317.7	32/56

TABLE 2: Three-month Rainfall for August to October 2024

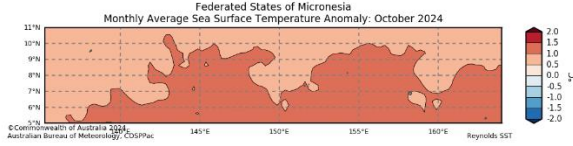
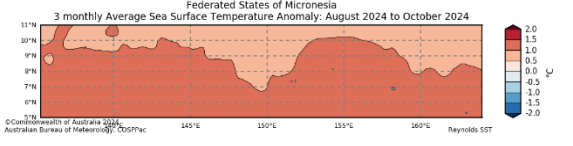
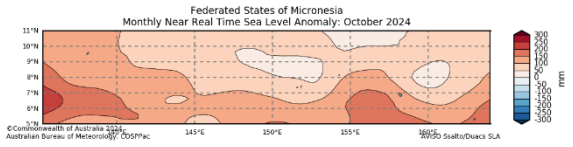
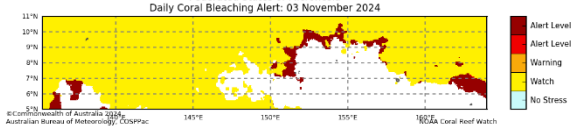
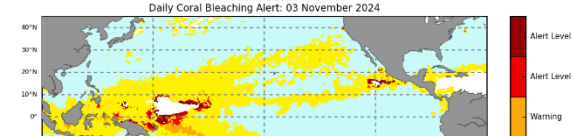
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Pohnpei (1945-2024)	932.9	Below normal	1105.6	1253.0	1161.2	5/75
Kosrae (1954-2024)	869.0	Below normal	960.3	1132.0	1046.0	8/47

Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

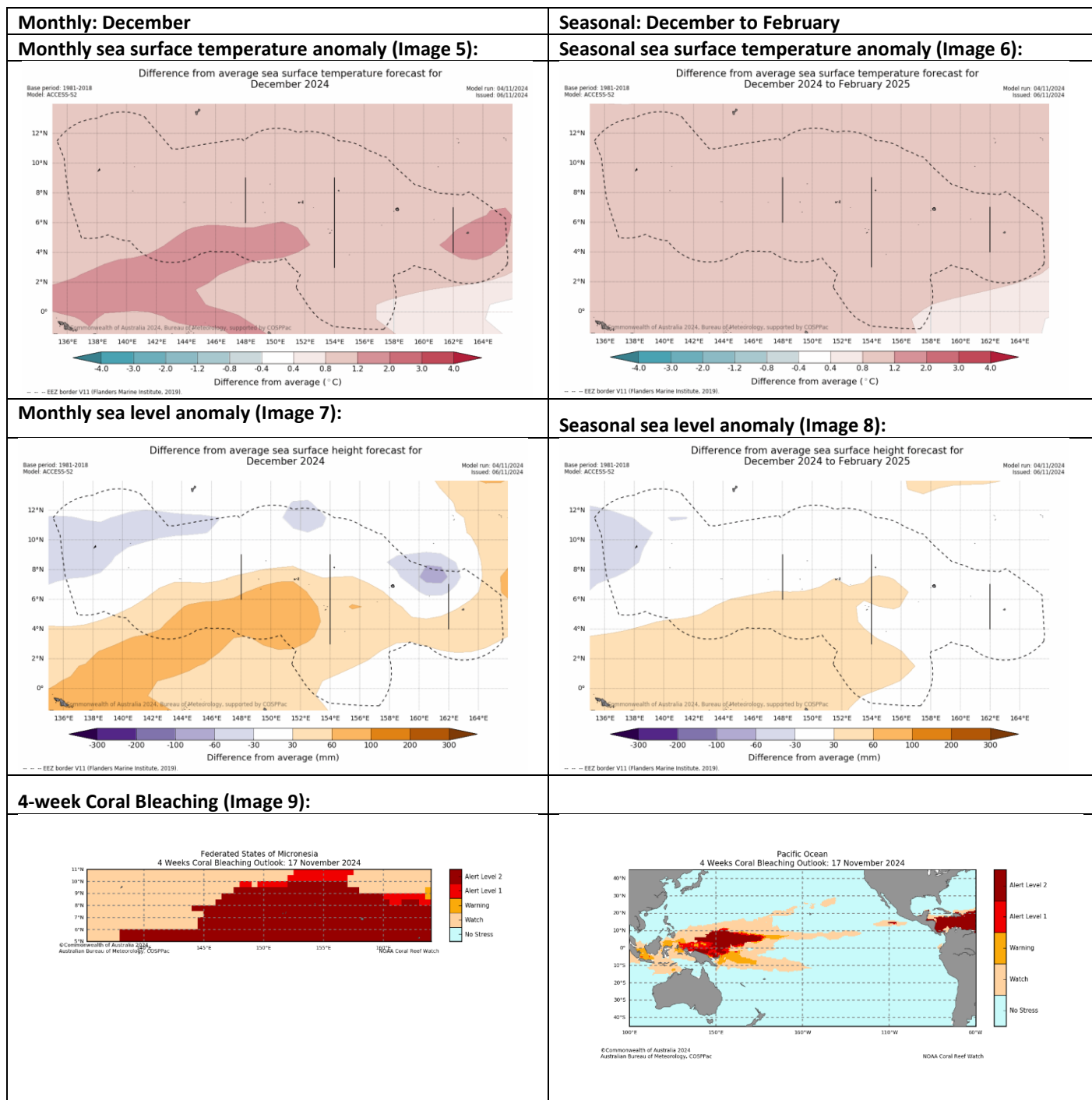


Part 2: Recent Ocean Observation

Monthly/Three months: October 2024 and August to October 2024

Monthly: October 2024	Last three months: August to October 2024:
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Federated States of Micronesia Monthly Average Sea Surface Temperature Anomaly: October 2024</p> <p>© Commonwealth of Australia 2024 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: August 2024 to October 2024</p> <p>© Commonwealth of Australia 2024 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: October 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: 03 November 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p>Daily coral bleaching alert (Image 3):</p>  <p>Pacific Ocean Daily Coral Bleaching Alert: 03 November 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>

Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025



Summary Statement

Monthly and last three months: October 2024/August to October 2024 statement

The rainfall for October was normal over Pohnpei and Kosrae. For the past three months, rainfall was below normal over the two States. Pohnpei recorded the 5th driest August to October period on record.

Part 1i. Monthly and Seasonal Outlooks for December and December to February 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for December is likely to be above normal over Pohnpei and the outer islands except for Kapingamarangi, which is likely to be below normal. In Kosrae, the outlook shows December's rainfall is very likely to be above normal.

The rainfall for December to February is likely to be above normal over Pohnpei and the outer islands except for Kapingamarangi which is likely to be below normal. In Kosrae, the outlook shows December to February's rainfall is likely to be above normal.

Maximum and minimum temperatures during June and averaged over December to February are very likely to be above normal over Pohnpei and Kosrae.

Part 2: Recent Ocean summary statement

Monthly and last three months: October 2024/August to October 2024

October sea surface temperatures (SSTs) around Pohnpei and Kosrae were 0.5 to 1.5°C above normal.

Averaged over August to October, sea surface temperatures around Pohnpei and Kosrae were 1.0 to 1.5°C above normal.

October sea levels around Pohnpei and Kosrae were 100 to 200mm above normal.

Part 2i. Monthly and Seasonal Outlooks for December and December to February 2025

Ocean Variable statement

December sea surface temperatures around Pohnpei are predicted to be 0.8 to 1.2°C above normal and 1.2 to 2.0°C around Kosrae.

Averaged over December to February, sea surface temperatures around Pohnpei and Kosrae are predicted to be 0.8 to 1.2°C above normal.

December sea levels around Pohnpei and Kosrae are predicted to be 30 to 60mm above normal.

Averaged over December to January, sea levels around Pohnpei and Kosrae are predicted to be near normal.

Coral Bleaching outlook indicates Alert Level 2 status for the next 4 weeks for Pohnpei and Kosrae.

IN BRIEF for Teleconference

- Rainfall was near-normal for October over Pohnpei and Kosrae. August to October, rainfall was below normal over Pohnpei and Kosrae with Pohnpei recording the 5th driest August to October on record.
- The rainfall outlook generally indicates above normal very likely in December and December to February except for the southern outer island of Kapingamarangi being below normal.
- SSTs were above normal for October and August to October. The outlook shows above-normal SSTs for the next one and three months.
- Sea levels were above normal for October. Above normal and near normal sea levels are predicted for December and December to January for respectively.
- Coral Bleaching outlook at Alert Level 2 for the next 12 weeks for Pohnpei and Kosrae.

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

Product	Date: October 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate and Ocean 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 Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public	60	49	11	

		Safety, Pohnpei Utility Corporation, Tourism, Fisheries				
Monthly Climate Briefing						
Ocean Outlook						
Climate data request						
Total			123	100	123	