

Country: Pohnpei and Kosrae, FSM

Part 1: Recent climate

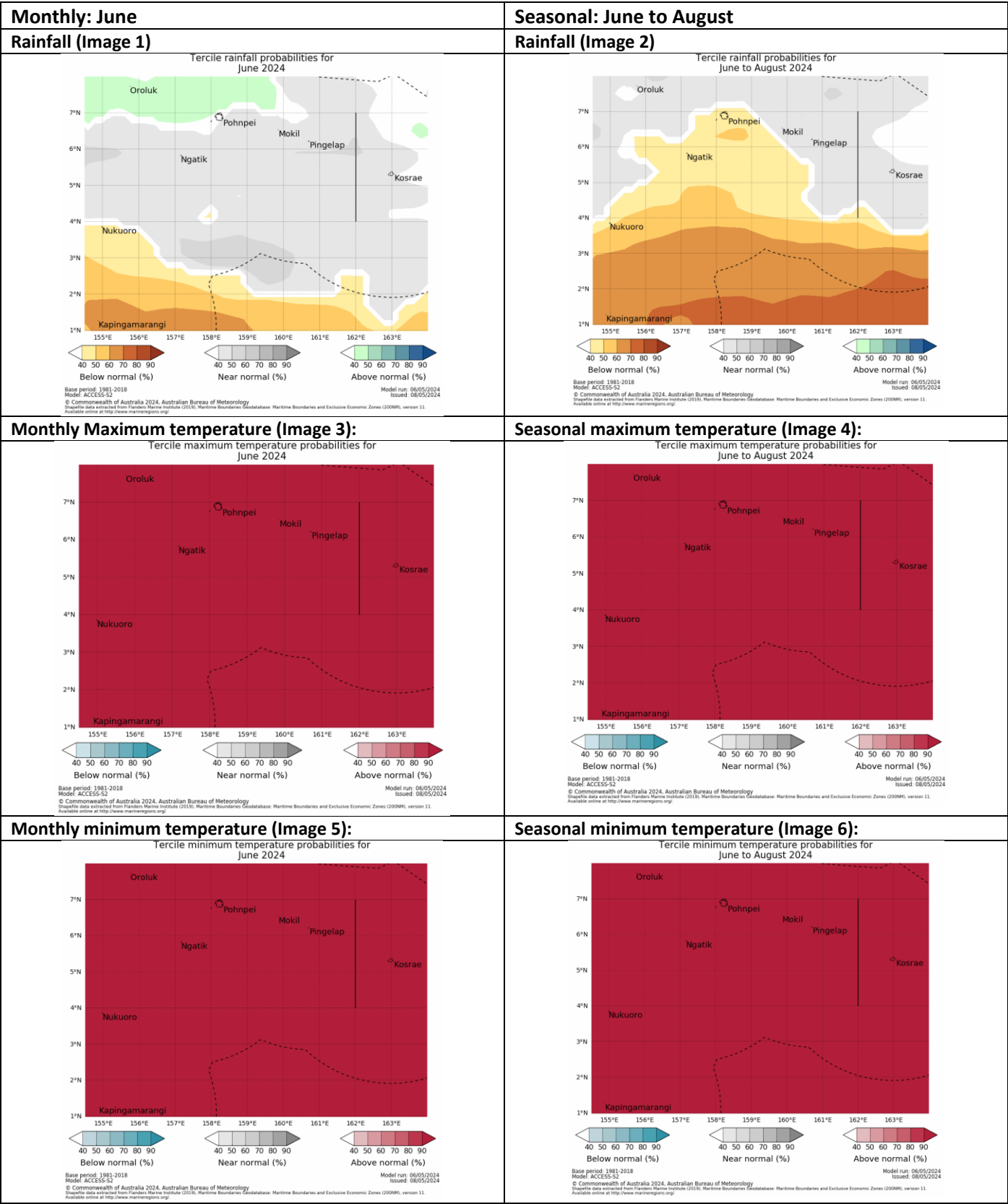
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2024	Mar-2024	Apr-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Pohnpei (1949-2024)	413.3	305.3	542.5	380.0	542.6	461.0	50/75
Kosrae (1954-2024)	391.9	389.6	371.9	434.4	576.4	490.2	11/57

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

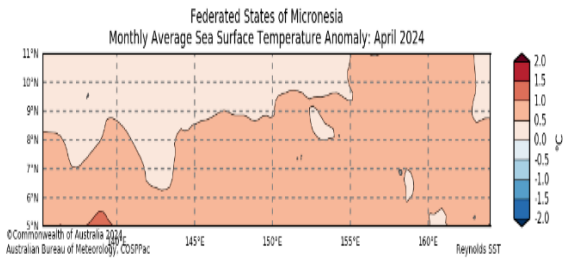
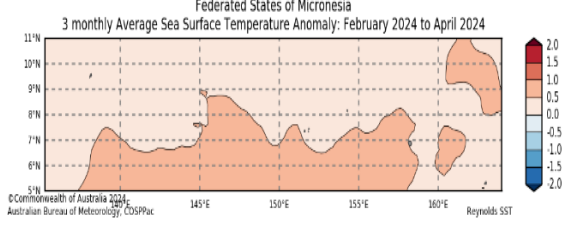
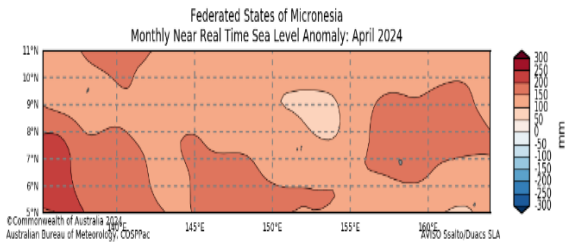
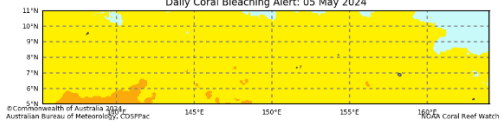
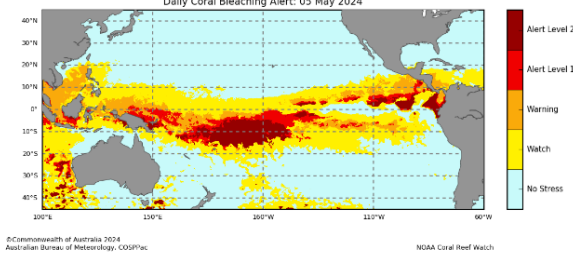
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Pohnpei (1949-2024)	1261.1	Above normal	993.4	1236.9	1093.8	49/75
Kosrae (1954-2024)	1153.4	Normal	1145.2	1650.1	1397.6	19/50

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



Part 2: Recent Ocean Observation

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

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

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

Monthly: June	Seasonal: June to August
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
<div><p>Difference from average sea surface temperature forecast for June 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Shapfile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimegaps.org/">http://www.maritimegaps.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>	<div><p>Difference from average sea surface temperature forecast for June to August 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Shapfile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimegaps.org/">http://www.maritimegaps.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>
Monthly sea level (Image 7):	Seasonal sea level (Image 8):
<div><p>Difference from average sea surface height forecast for June 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Shapfile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimegaps.org/">http://www.maritimegaps.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>	<div><p>Difference from average sea surface height forecast for June to August 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Shapfile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimegaps.org/">http://www.maritimegaps.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>
4-week Coral Bleaching (Image 9):	
<div><p>Federated States of Micronesia 4 Weeks Coral Bleaching Outlook: 02 June 2024</p><p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COGPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 02 June 2024</p><p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COGPPac</p><p>NOAA Coral Reef Watch</p></div>

## Summary Statement

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

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

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

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for June is likely to be above normal north of Pohnpei, and below normal in the southwest of the region, including Nukuoro and Kapingamarangi. June rainfall is likely to be near-normal in remaining areas, including Kosrae.

The rainfall for June to August is likely to be below normal over Pohnpei and the outer islands of Ngatik, Nukuoro, and Kapingamarangi. In Kosrae and the rest of the outer islands of Pohnpei, the outlook shows June to August's rainfall is likely to be near-normal.

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

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

## Part 2: Recent Ocean summary statement

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

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

Averaged over February to April, ocean temperatures around Pohnpei and Kosrae were 0.5°C above normal.

April sea levels around Pohnpei were 150 to 200mm above normal. In Kosrae, April sea levels were 100 to 150mm above normal.

Coral bleaching alert at "Watch" for Pohnpei and Kosrae.

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

### Ocean Variable statement

June ocean temperatures around Pohnpei and Kosrae are predicted to be 0.4 to 0.8°C above normal.

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

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

## IN BRIEF for Teleconference

- April rainfall was near-normal over Pohnpei and below normal over Kosrae. For February to April, rainfall was above normal at Pohnpei and near-normal at Kosrae.
- June rainfall is likely to be near-normal at most sites. June to August rainfall is likely to be near-normal at about half of the islands, and below normal over the remainder.
- SSTs were above normal for April and February to April. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for April. Near normal SSHs are predicted for June and June to August.

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

Product	Date: April 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	54	43	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	54	43	11	

Monthly Climate Briefing						
Ocean Outlook						
Climate data request						
Total			54	43	11	