

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

Country: Marshall Islands

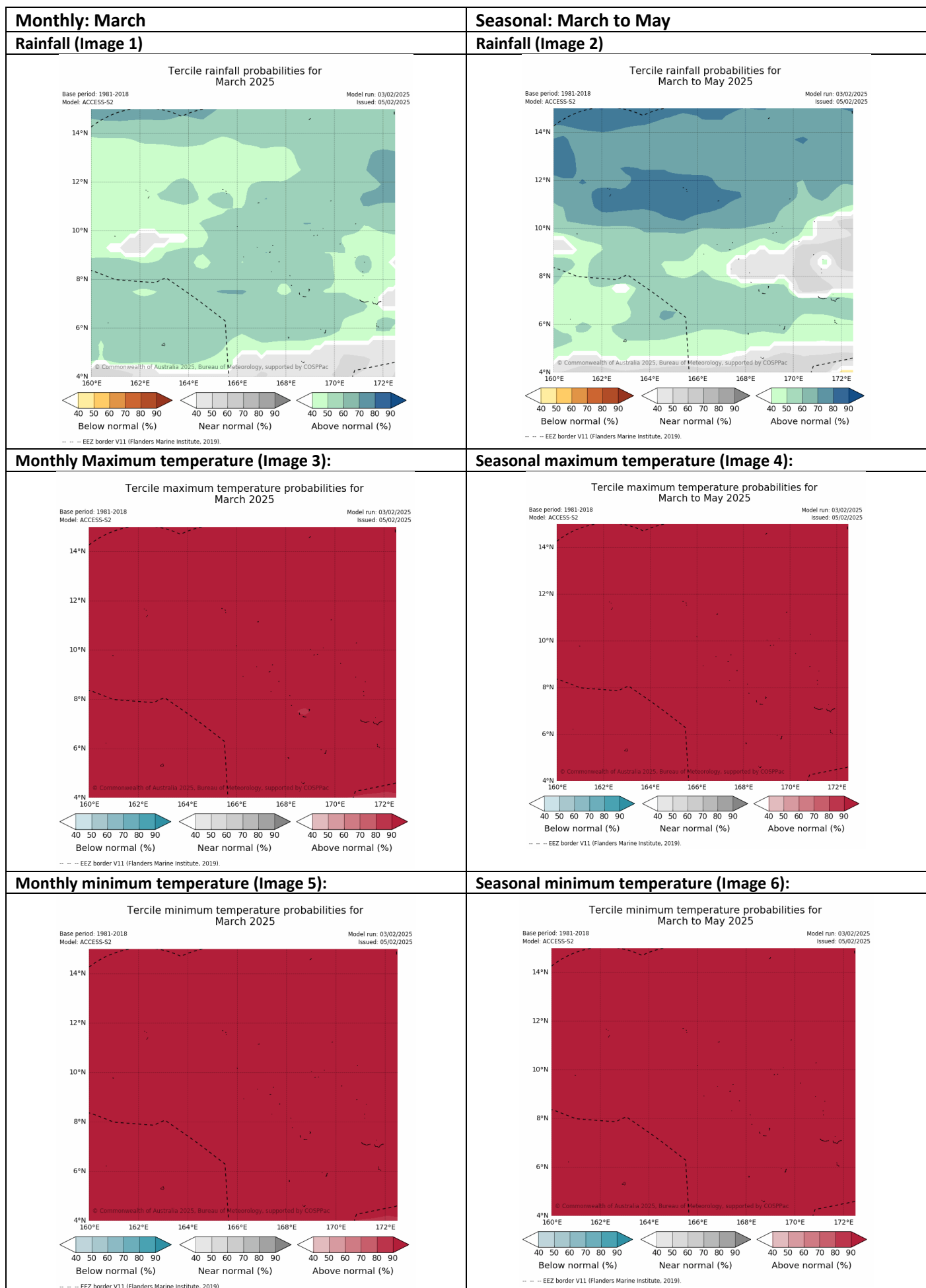
## Part 1: Recent climate

Station (include data period)	Nov-2024	Dec-2024	Jan-2025				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2025)	360.2	413.5	125.7	149.9	238.0	206.1	16/71
Kwajalein (1945-2025)	306.6	156.0	44.2	58.8	128.7	89.0	20/81

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

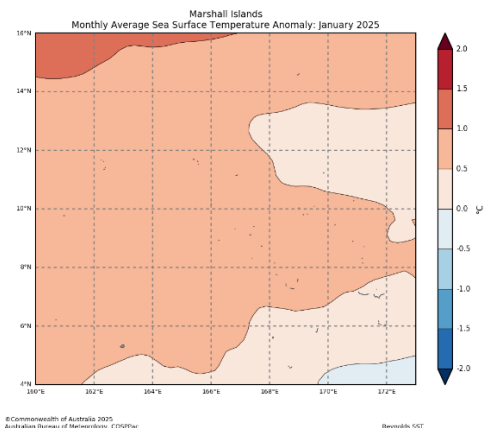
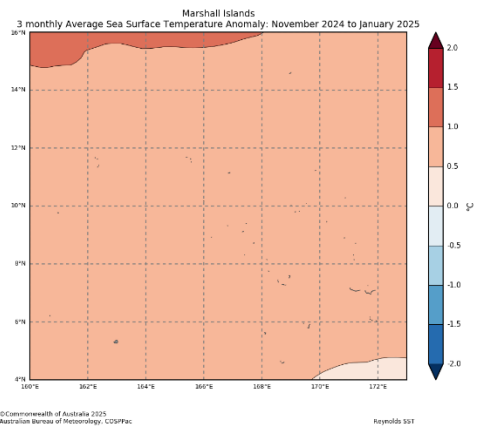
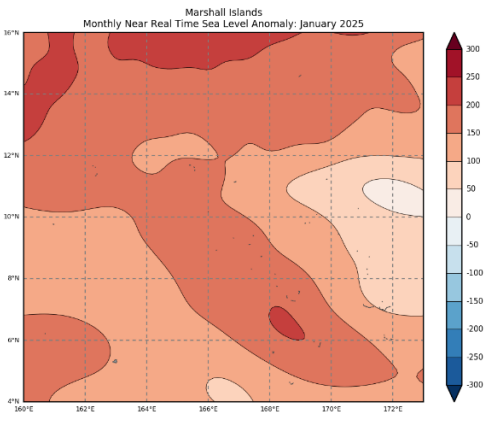
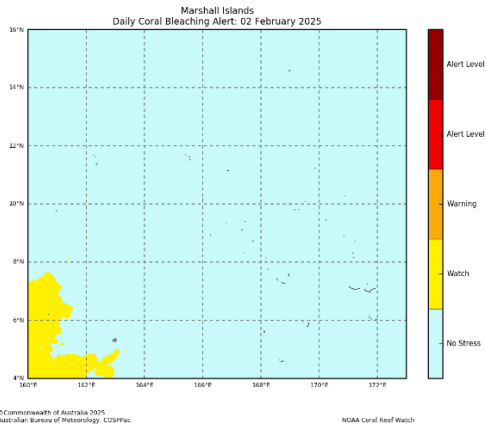
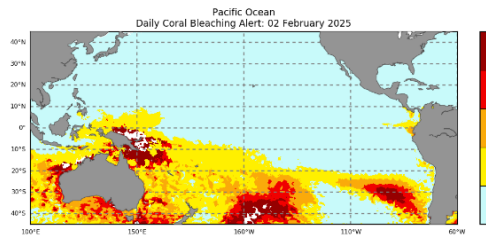
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Majuro (1954-2025)	899.4	Normal	736.4	917.0	837.0	46/ 71
Kwajalein (1945-2025)	506.8	Below normal	525.3	650.9	583.8	23/ 79

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

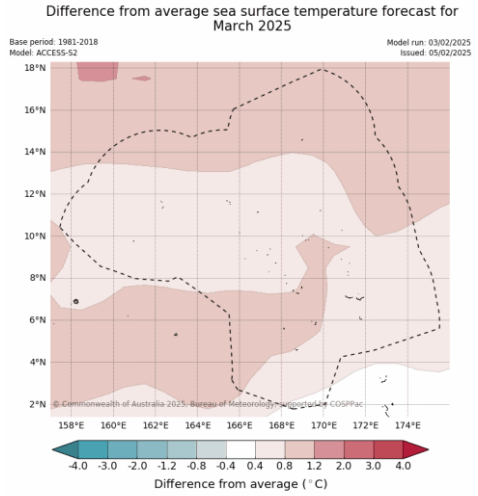
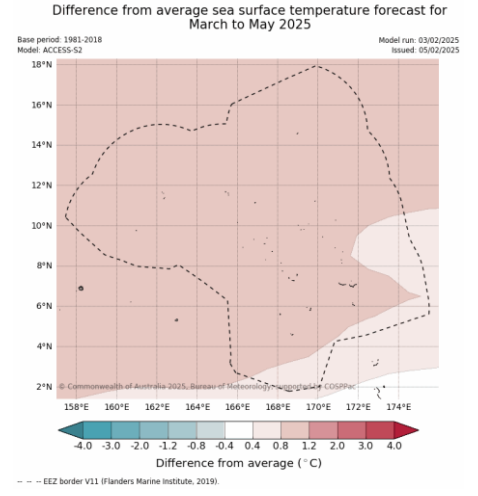
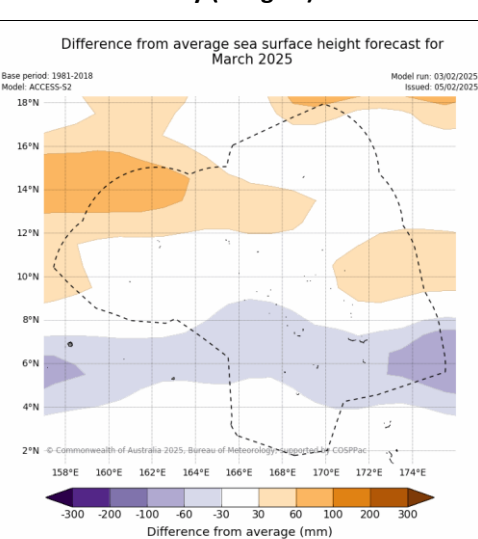
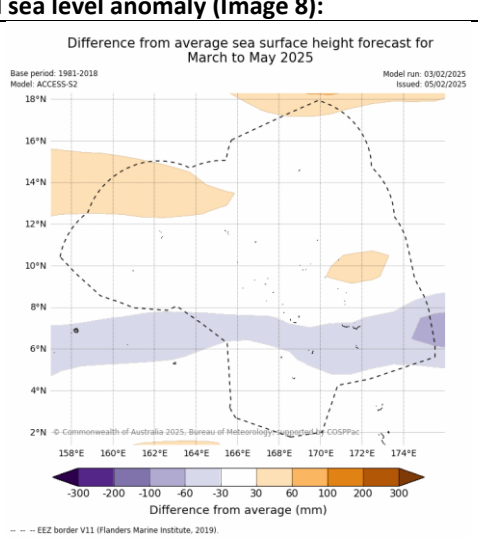
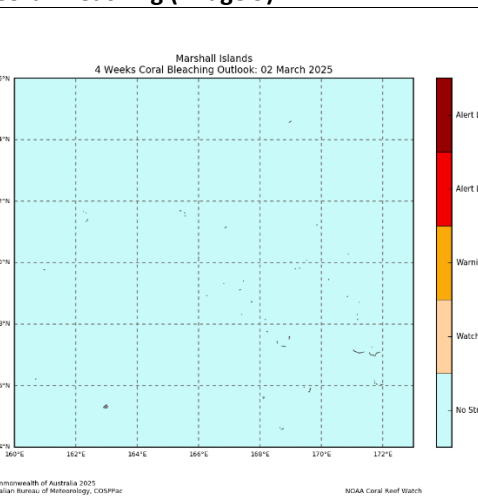
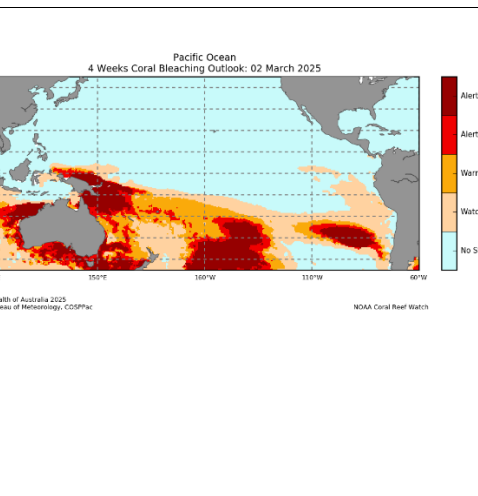


# Part 2: Recent Ocean Observation

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

<p><b>Monthly: January 2025</b></p>	<p><b>Last three months: November 2024 to January 2025:</b></p>
<p><b>Sea Surface Temperature Anomaly (Image 1):</b></p>  <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>	<p><b>Sea Surface Temperature Anomaly (Image 4):</b></p>  <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac Reynolds SST</p>
<p><b>Sea level anomaly (Image 2):</b></p>  <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac AVISO SeaRIS/Duacs SLA</p>	Empty space for Image 3
<p><b>Daily coral bleaching alert (Image 3):</b></p>  <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>	 <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac NOAA Coral Reef Watch</p>

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

Monthly: March	Seasonal: March to May
<p><b>Monthly sea surface temperature anomaly (Image 5):</b></p> <p>Difference from average sea surface temperature forecast for March 2025</p>  <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 03/02/2025 Issued: 05/02/2025</p> <p>© Commonwealth of Australia 2025. Bureau of Meteorology. Australian Bureau of Meteorology. COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p><b>Seasonal sea surface temperature anomaly (Image 6):</b></p> <p>Difference from average sea surface temperature forecast for March to May 2025</p>  <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 03/02/2025 Issued: 05/02/2025</p> <p>© Commonwealth of Australia 2025. Bureau of Meteorology. Australian Bureau of Meteorology. COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p><b>Monthly sea level anomaly (Image 7):</b></p> <p>Difference from average sea surface height forecast for March 2025</p>  <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 03/02/2025 Issued: 05/02/2025</p> <p>© Commonwealth of Australia 2025. Bureau of Meteorology. Australian Bureau of Meteorology. COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p><b>Seasonal sea level anomaly (Image 8):</b></p> <p>Difference from average sea surface height forecast for March to May 2025</p>  <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 03/02/2025 Issued: 05/02/2025</p> <p>© Commonwealth of Australia 2025. Bureau of Meteorology. Australian Bureau of Meteorology. COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p><b>4-week Coral Bleaching (Image 9):</b></p> <p>Marshall Islands 4 Weeks Coral Bleaching Outlook: 02 March 2025</p>  <p>© Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	<p>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 02 March 2025</p>  <p>© Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

## Summary Statement

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

The rainfall for January was below normal at both Majuro and Kwajalein. For the past three months, rainfall was normal at Majuro and below normal at Kwajalein.

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

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March and March to May is likely or very likely to be above normal over most of the RMI. The outlook for March to May is likely to be normal in the central easternmost RMI.

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

## 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 2025 sea surface temperatures (SSTs) around the RMI were 0.5 to 1.0°C above normal except for two atolls in the southern RMI where near normal SSTs were observed.

Averaged over November to January 2025, sea surface temperatures around the RMI were 0.5 to 1.0 °C above normal.

January sea levels around the RMI were 50 to 200mm above normal. Higher sea levels were observed in the northern RMI.

A coral bleaching is currently in No Stress for the most part of the RMI's Exclusive Economic Zone (EEZ), as of February 02, 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 for most of the RMI are predicted to be 0.4 to 1.2°C above normal.

March sea levels in the southern RMI are predicted to be 30 to 100mm below normal. Near normal are predicted for the northern RMI and above normal for the north westernmost RMI with 30 to 100mm.

Averaged over March to May, sea levels around the southern RMI are predicted to be 30 to 100mm below normal. Near normal sea levels are predicted for central and northern RMI.

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

### In brief for Teleconference

- The rainfall for January 2025 was below normal at both Majuro and Kwajalein. For the past three months, rainfall was normal at Majuro while below normal was reported at Kwajalein.
- The rainfall outlook generally indicates above normal is very likely in March and March to May across the RMI, except in the easternmost part of the country, the outlook for March to May is likely to be near normal.

- 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. Near normal to below normal sea levels are predicted for March and March to May, except at the northernmost part of the country, sea levels are predicted to be above normal.
- Coral bleaching is currently in No Stress for most part of the RMI's EEZ. The outlook indicates No Stress status in the next three months.

**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								
EAR Watch								
Monthly Climate Briefing	01/17/2025	Chief Secretary Office and National Disaster Management Office	6	4	2			
Ocean Outlook								
Climate data request								
2 <sup>nd</sup> National Climate Outlook Forum (NCOF- 2)	01/20 & 21/2025	NDMO-Outer Islands Disaster Focal Points & RMI Stakeholders	32	27	5			
<b>Total</b>			<b>38</b>	<b>31</b>	<b>7</b>			