

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 220

Country: Marshall Islands

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Oct-2025	Nov-2025	Dec-2025				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2026)	525.5	303.0	213.9	216.9	341.6	279.7	23/72
Kwajalein (1945-2026)	368.3	168.9	66.3	133.8	201.9	161.4	3/80

TABLE 2: Three-month Total Rainfall for October to December 2025

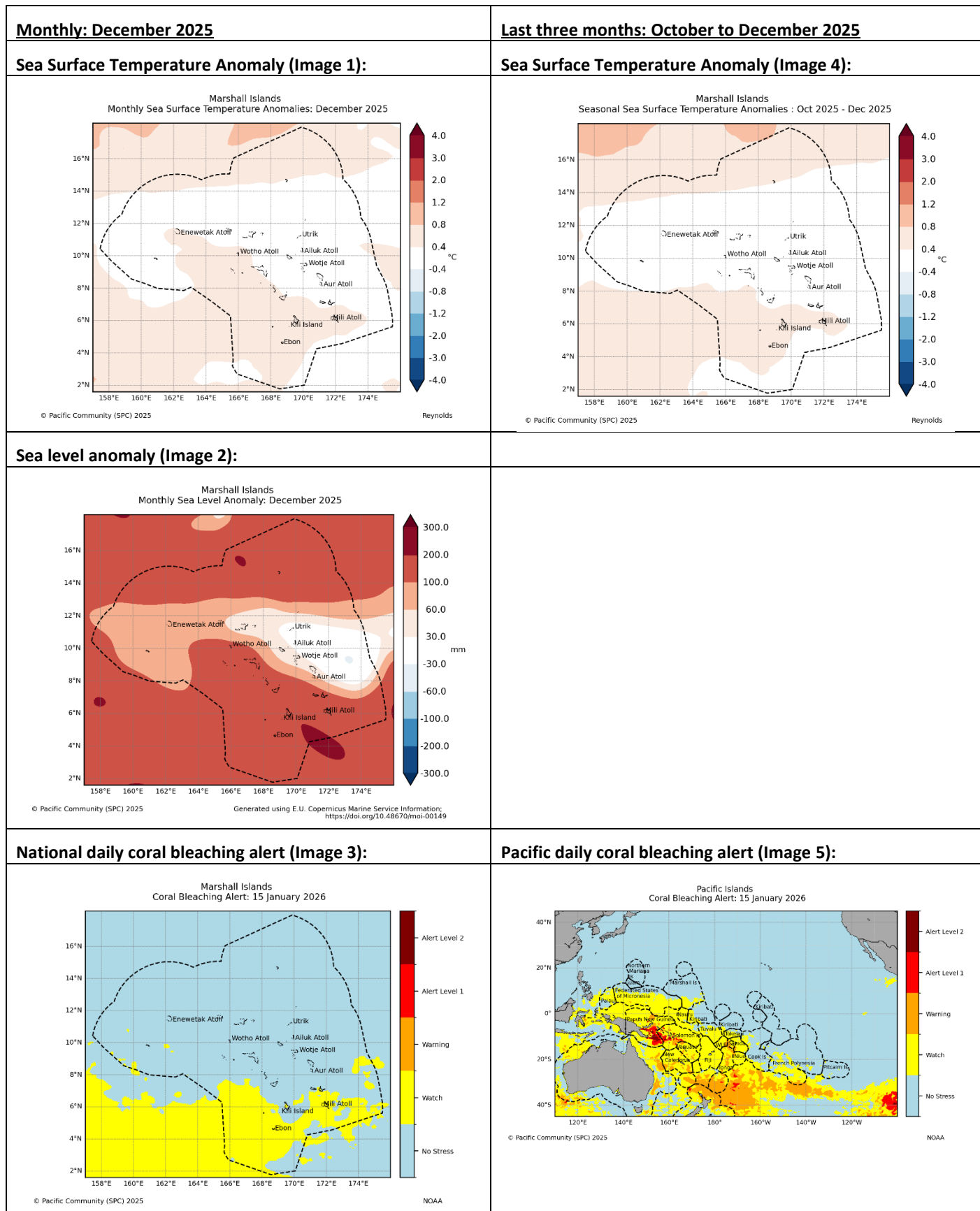
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Majuro (1954-2026)	1042.4	Normal	878.1	1084.9	1012.7	40/72
Kwajalein (1945-2026)	603.5	Below normal	730.0	834.8	772.6	13/80

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2026

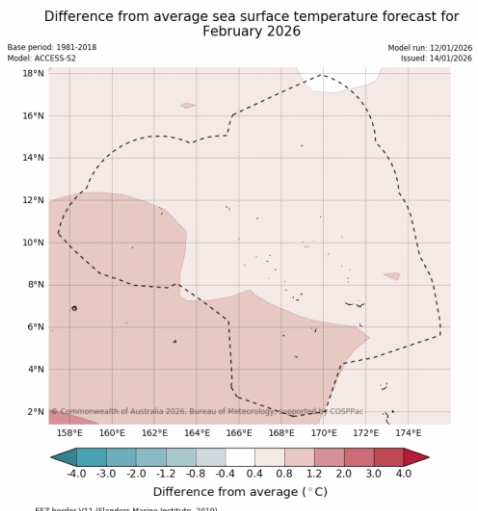
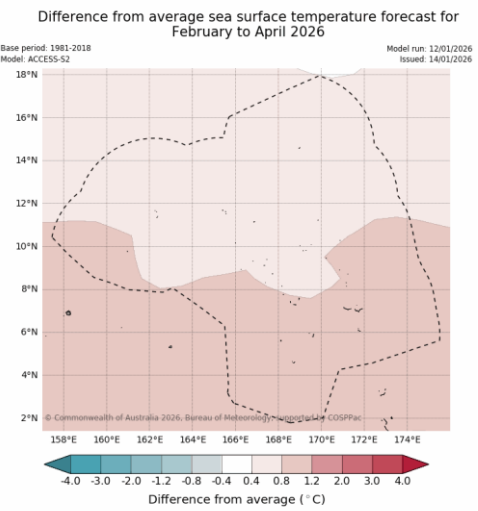
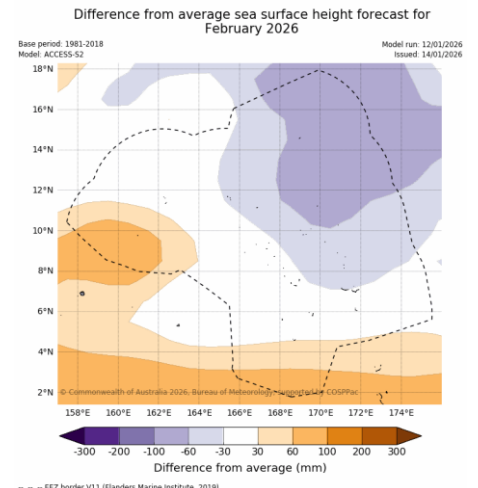
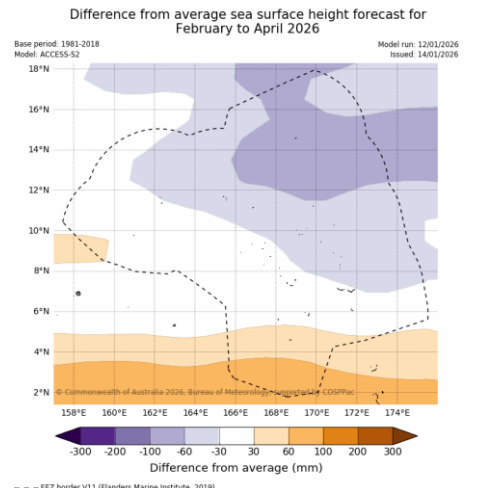
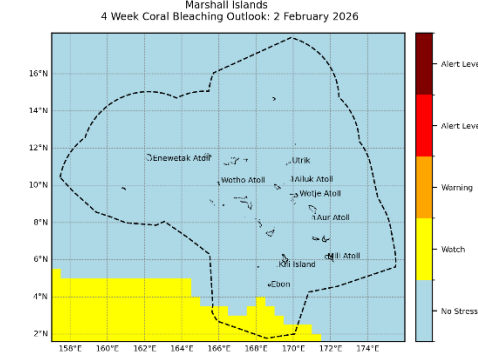
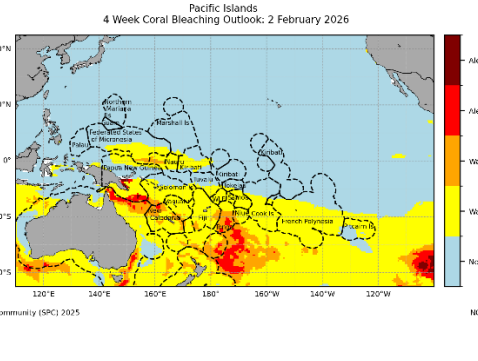
Monthly: February 2026	Seasonal: February to April 2026
<p>Rainfall (Image 1)</p> <p>Tercile rainfall probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Rainfall (Image 2)</p> <p>Tercile rainfall probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p>Monthly Maximum temperature (Image 3):</p> <p>Tercile maximum temperature probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Seasonal maximum temperature (Image 4):</p> <p>Tercile maximum temperature probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p>Monthly minimum temperature (Image 5):</p> <p>Tercile minimum temperature probabilities for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>	<p>Seasonal minimum temperature (Image 6):</p> <p>Tercile minimum temperature probabilities for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>40 50 60 70 80 90 Below normal (%) 40 50 60 70 80 90 Near normal (%) 40 50 60 70 80 90 Above normal (%)</p> <p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p>

Part 2: Recent Ocean Observation

Monthly/Three months: December and October to December 2025



Part 2i. Monthly and Seasonal Outlooks for February and February to April 2026

Monthly: February 2026	Seasonal: February to April 2026
<p>Monthly sea surface temperature anomaly (Image 5):</p>  <p>Difference from average sea surface temperature forecast for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, Geoscience Australia, COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Seasonal sea surface temperature anomaly (Image 6):</p>  <p>Difference from average sea surface temperature forecast for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, Geoscience Australia, COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
<p>Monthly sea level anomaly (Image 7):</p>  <p>Difference from average sea surface height forecast for February 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, Geoscience Australia, COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Seasonal sea level anomaly (Image 8):</p>  <p>Difference from average sea surface height forecast for February to April 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 12/01/2026 Issued: 14/01/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, Geoscience Australia, COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
<p>National 4-week Coral Bleaching Outlook (Image 9):</p>  <p>Marshall Islands 4 Week Coral Bleaching Outlook: 2 February 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025 NOAA</p>	<p>Pacific 4-week Coral Bleaching Outlook (Image 10):</p>  <p>Pacific Islands 4 Week Coral Bleaching Outlook: 2 February 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025 NOAA</p>

Summary Statement

Monthly and last three months: December 2025/October to December 2025 statement

The rainfall for December was below normal for both Majuro and Kwajalein. For the past three months, normal rainfall was observed at Majuro, while below normal for Kwajalein. Kwajalein recorded its 3rd driest December on record.

Part 1i. Monthly and Seasonal Outlooks for February and February to April 2026

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for February 2026 is likely or very likely to be above normal over the central and southern Marshall Islands. For most of the northern parts of the Marshall Islands, the outlook offers little guidance. In the northwestern parts of the region, the outlook shows February's rainfall is likely to be below normal.

The rainfall for February to April 2026 is likely or very likely to be above normal for most of the Marshall Islands.

Maximum and minimum temperatures during February and February to April 2026 are very likely to be above normal across the RMI.

Part 2: Recent Ocean summary statement

Monthly and last three months: December 2025/October to December 2025

December sea surface temperatures (SSTs) around the western and southern parts of the Marshall Islands were 0.4 to 0.8°C above normal, while SSTs elsewhere were -0.4 to 0.4°C near-normal

Averaged over October to December, sea surface temperatures around the southern Marshall Islands were 0.4 to 0.8°C above normal, while -0.4 to 0.4°C near normal SSTs were observed across the rest of the Marshall Islands.

December sea levels across the Marshall Islands were 60 to 200 mm above normal, except for some atolls situated in the northeastern parts of the nation, where near normal sea levels were observed.

A coral bleaching Watch status is currently in effect for some parts of the Marshall Islands mostly the southern region as of 15 of January 2026.

Part 2i. Monthly and Seasonal Outlooks for February and February to April 2026

Ocean Variable statement

February and averaged over February to April, sea surface temperatures around the Marshall Islands are predicted to be 0.4 to 1.2°C above normal.

February and averaged over February to April, sea levels around the southern parts of the Marshall Islands are predicted to be 30 to 100 mm above normal, while the northern and northeastern parts of the nation are predicted to be 30 to 60 mm below normal.

Coral Bleaching outlook indicates Watch status for the next 4 weeks. Mainly for the southern waters of the Marshall Islands.

In brief for Teleconference

- Rainfall was below normal for December and October to December, except for Kwajalein where rainfall was above normal for both periods. It was the 3rd driest December for Kwajalein.
- The rainfall outlook generally indicates above normal most likely in February 2026 for the central and southern Marshall Islands. Above normal for total rainfall over February to April 2026 for most of the Marshall Islands.
- SSTs were near-normal to above normal for December and October to December. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for December. Near-normal to Below normal sea levels are predicted for February and February to April 2026.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (November 2025)

Product	Date: December 2025	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Comments (If there are comments from you Stakeholders)
Climate Bulletin							
EAR Watch	December 3 2025	NDMO, MWSC, EPA, NRC, OCIT, MIDPO, CCD, PSS, ACWA, WASH CLUSTERS	27	17	10		Currently working with the MIDPO group to schedule a workshop for the disability group.
Monthly Climate Briefing	December 5 2025	CHIEF SECRETARY OFFICE (CSO) AND NATIONAL DISASTER MANAGEMENT OFFICE (NDMO)	6	4	2		
Ocean Outlook							
Climate data request							
Total			33	21	12		

Stakeholder category	Do your products reach this group? (Y/N)	Tailored product? (Y/N)
Agriculture sector	Y	Y
Disaster Risk Reduction sector	Y	Y

Energy sector	Y	Y
Health sector	Y	Y
Water sector	Y	Y
Fisheries and Aquaculture sector	Y	Y
Tourism sector	Y	Y
Maritime sector	Y	Y
Research & education sector	N	N
Women's <input type="checkbox"/> organisations	Y	Y
National disability organisations	Y	Y
Community based organisations (e.g. councils)	Y	Y
Products offered in local dialects/ languages	N	N

IMPACTS



1.(SOURCE:FACEBOOK POST 12/03/25 PC:Ronnie Ignacio)

Inundation occurred on December 3rd, impacting low-lying areas in Majuro, the Marshall Islands' capital. The airport roadway was the most impacted and pounded with waves and debris, as shown in the attached photos. The airport road is the sole means to get to the west side of the island. Water and debris filled and covered the road, causing a shutdown for few hours during high tide.

This inundation event was supplemented by a combination of the lunar cycle and a north swell from another weather system. Coastal Flood Statement and Advisories were issued and delivered to the general public.



2.(SOURCE:FACEBOOK POST 12/03/25 PC:Hirobo Obeketang)