Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 201

Country: Marshall Islands

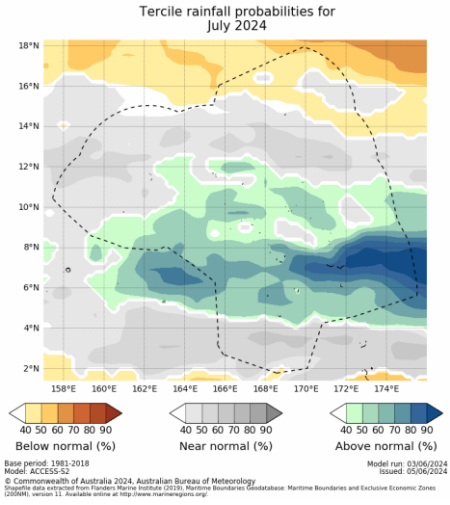
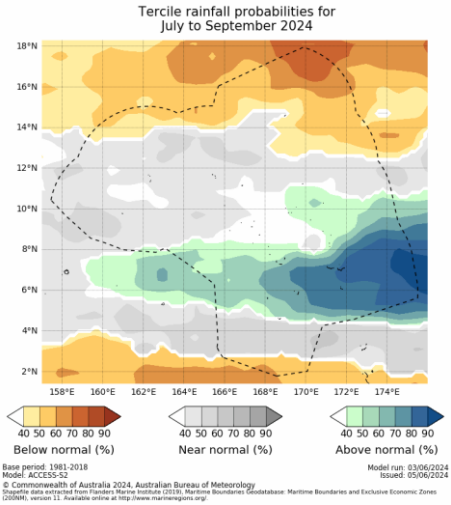
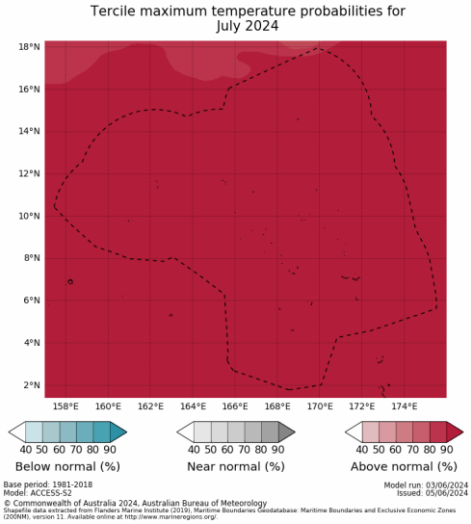
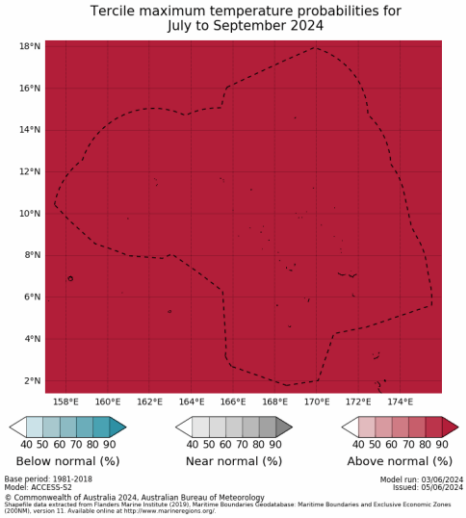
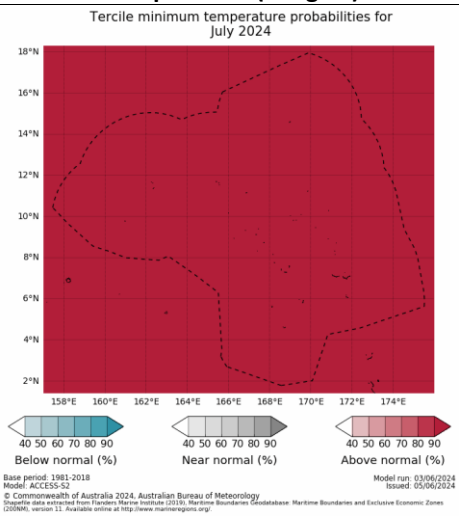
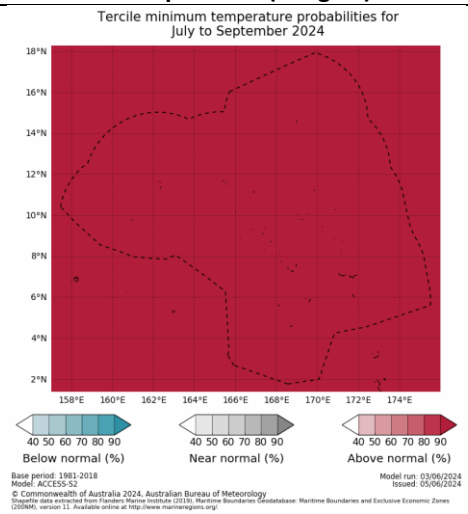
Part 1: Recent climate

Station (include data period)	Mar-2024	Apr-2024	May-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2024)	27.4	264.9	385.3	215.2	322.2	269.6	57/70
Kwajalein (1945-2024)	117.1	106.4	283.7	166.5	278.4	211.0	57/80

TABLE 2: Three-month Total Rainfall for March to May 2024

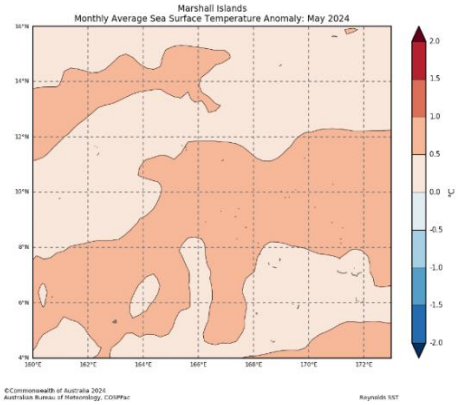
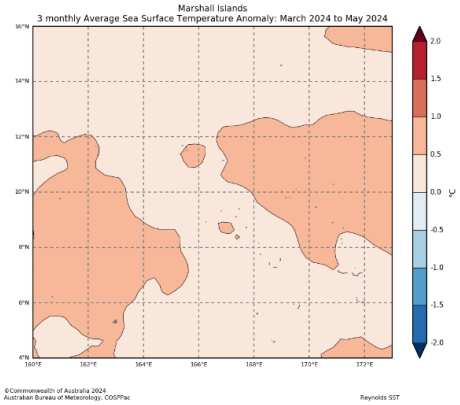
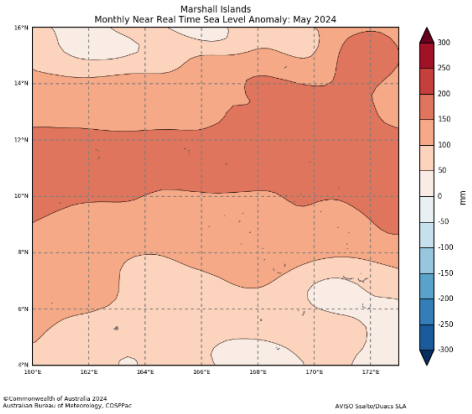
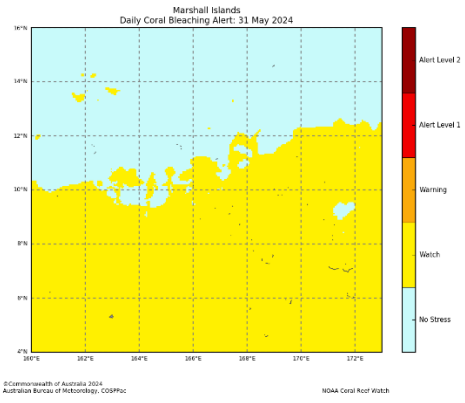
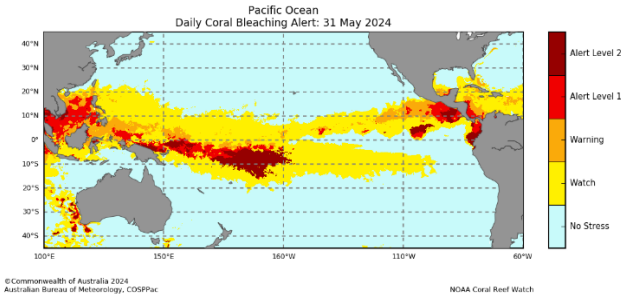
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Majuro (1954-2024)	677.6	Normal	642.7	906.8	753.3	27/70
Kwajalein (1945-2024)	507.2	Normal	380.0	649.0	532.3	41/80

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024

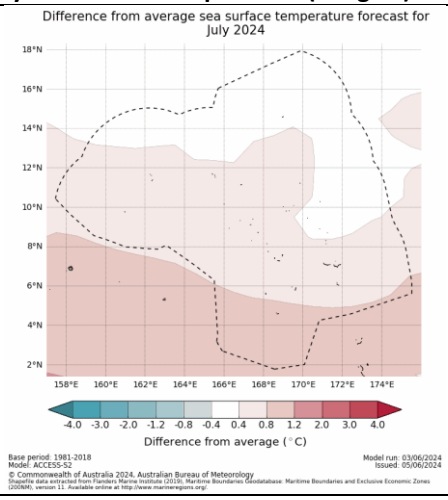
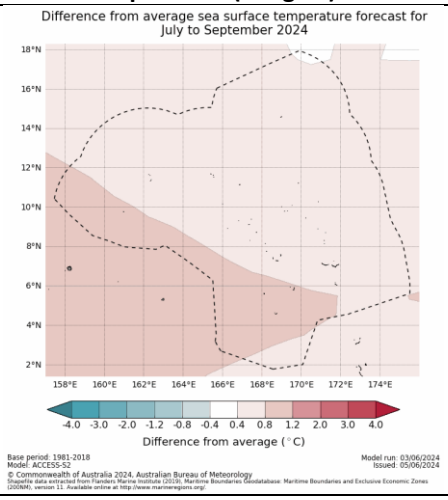
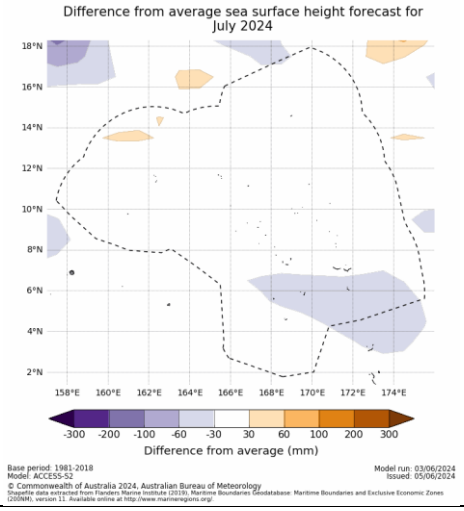
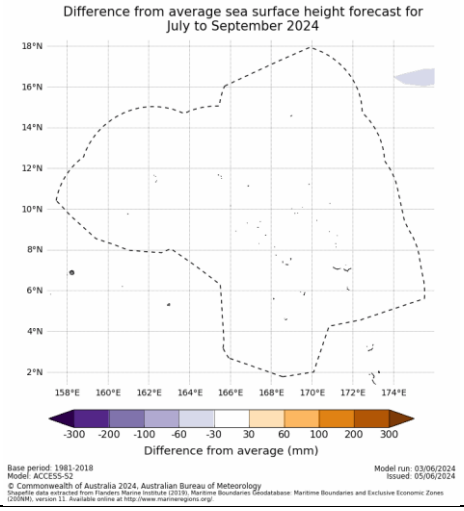
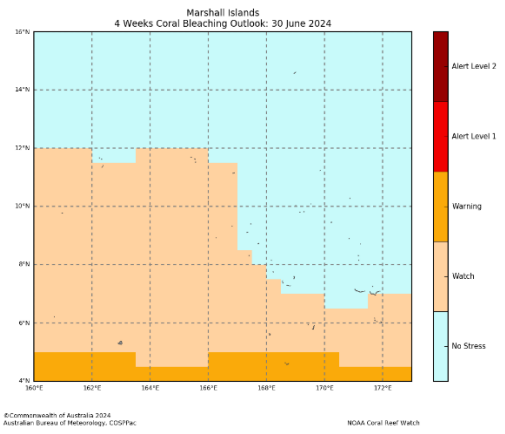
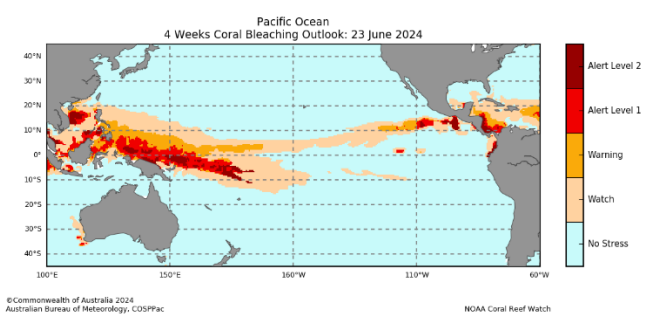
Monthly: July	Seasonal: July to September
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: May 2024 and March to May 2024

Monthly: May 2024	**Last three months: March to May 2024:**
Sea Surface Temperature (Image 1):	**Sea Surface Temperature (Image 4):**
	
Sea level (Image 2):	
	
Daily coral bleaching alert (Image 3):	
	

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024

Monthly: July	Seasonal: July to September
Monthly sea surface temperature (Image 5):	**Seasonal sea surface temperature (Image 6):**
	
Monthly sea level (Image 7):	**Seasonal sea level (Image 8):**
	
4-week Coral Bleaching (Image 9):	
	

Summary Statement

Monthly and last three months: May 2024/March to May 2024 statement

The rainfall for May was above normal for both Majuro and Kwajalein. For the past three months, rainfall was normal for both stations.

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for July is likely or very likely to be above normal over most atolls in the RMI. In the northernmost and southernmost parts of the RMI, near-normal rainfall is likely.

The rainfall for July to September is likely or very likely to be above normal over central RMI, near-normal in the west and mid-north, and below normal in northernmost and southernmost RMI..

Maximum and minimum temperatures during July and averaged over July to September are likely or very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: May 2024/March to May 2024

May and averaged over March to May, ocean temperatures around the Marshall Islands were utmost 1.5°C above normal.

May sea levels around the Marshall Islands were utmost 250mm above normal, with 150mm to 200mm in the northern RMI.

Coral Bleaching was in a WATCH status for most islands in the RMI.

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024

Ocean Variable statement

July and a over July to September, ocean temperatures for most of the islands in the RMI are predicted to be 0.4 to 1.2°C above normal. July sea levels around the RMI are predicted to be near normal, except for the southeastern RMI where 30mm to 60mm below normal are predicted.

Averaged over July to September, sea levels across the Marshall Islands are predicted to be near normal.

The Coral Bleaching outlook is in WATCH status for the western and southern parts of the RMI.

IN BRIEF for Teleconference

- Rainfall was above normal for May and normal for March to May.
- The rainfall outlook generally indicates above normal for central RMI, and near-normal in the northern and southern region for July and July to September.SSTs were above normal for May and March to May. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for May. Near-normal sea surface heights are predicted for July and July to September. Below normal SSH are predicted in the southeastern RMI for the month of July.

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

Product	Date: May 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin						
EAR Watch						
Monthly Climate Briefing	05/20/2024	Office of the Chief Secretary and National Disaster Management Office	7	4	3	
Ocean Outlook						
Climate data request	05/22/2024	Marshall Islands Chamber of Commerce	6	3	3	Local Climate Data to conduct feasibility studies in some atolls.
		Total	**13**	**7**	**6**	