Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 192

Country: Marshall Islands

Part 1: Recent climate

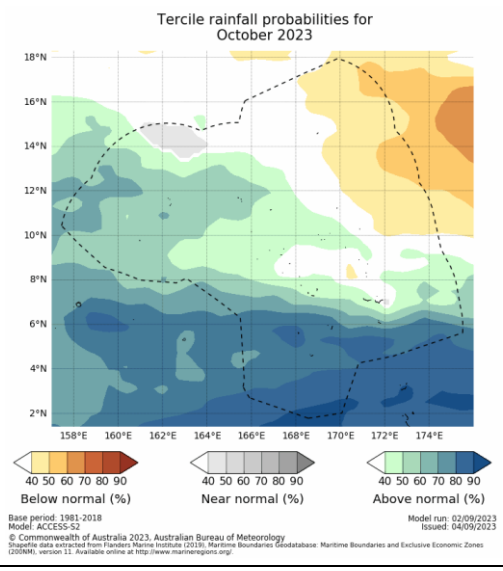
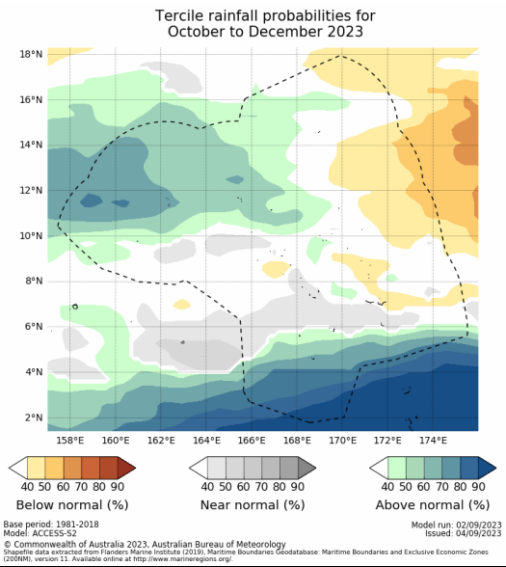
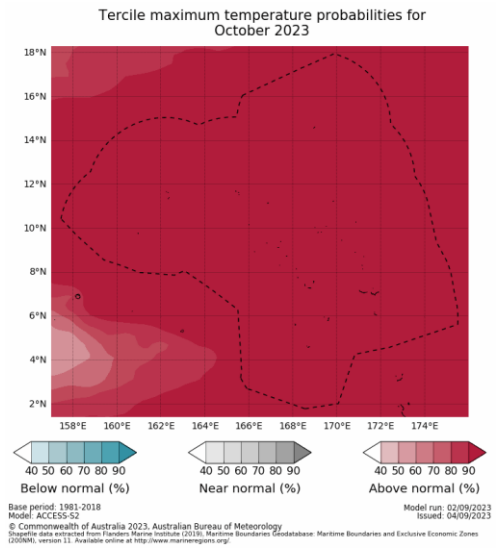
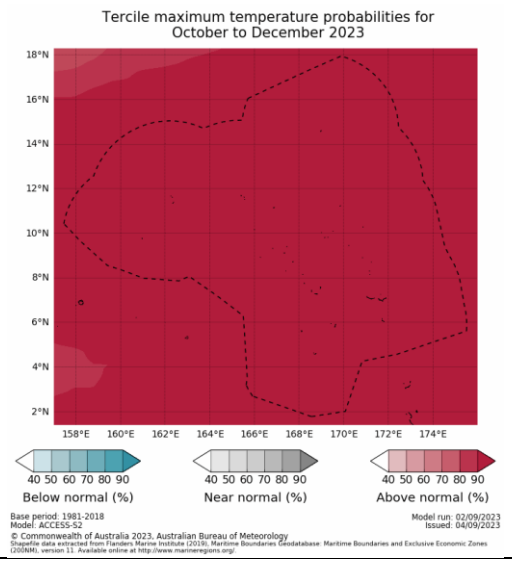
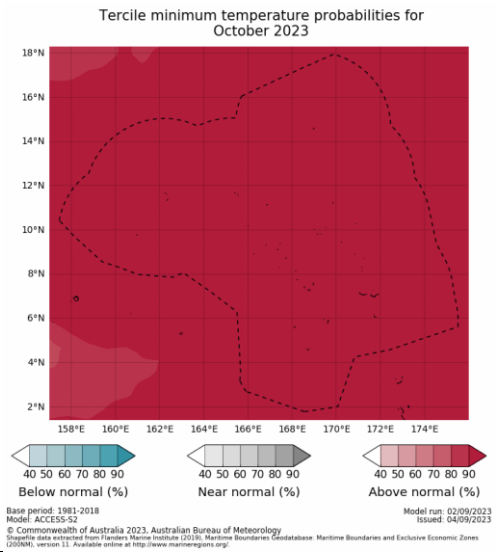
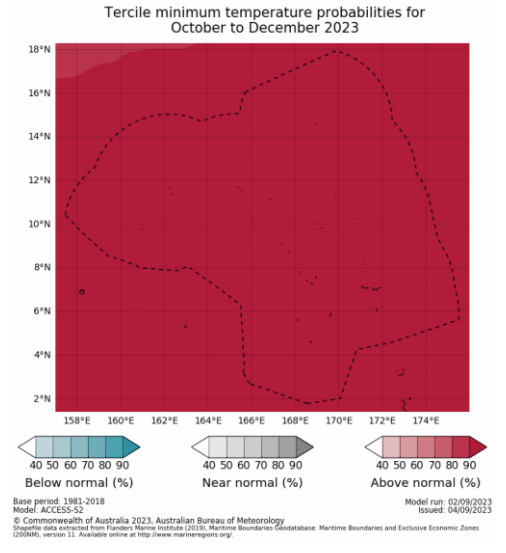
TABLE 1: Monthly Rainfall

Station (include data period)	Jun-2023	Jul-2023	Aug-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2023)	293.6	199.9	281.2	259.3	321.4	287.2	33/70
Kwajalein (1945-2023)	252.2	113.0	199.6	192.2	293.7	237.8	29/79

TABLE 2: Three-month Total Rainfall for June to August 2023

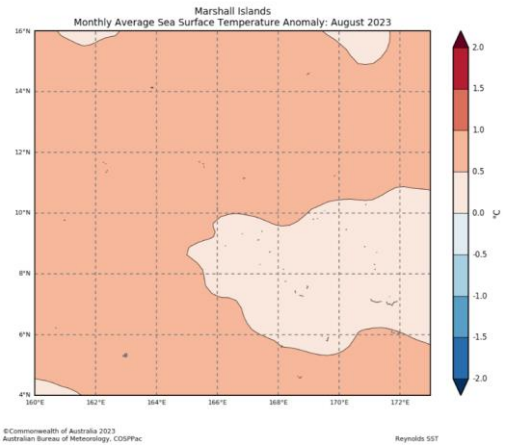
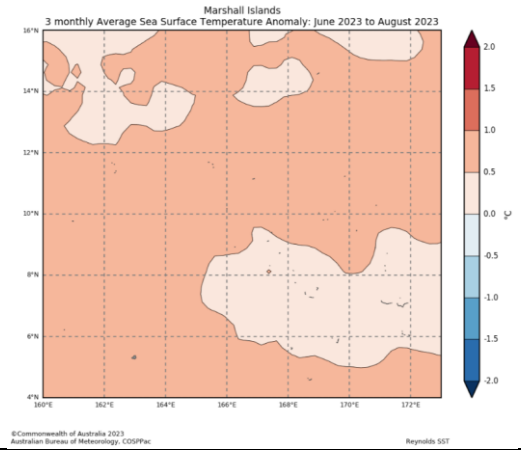
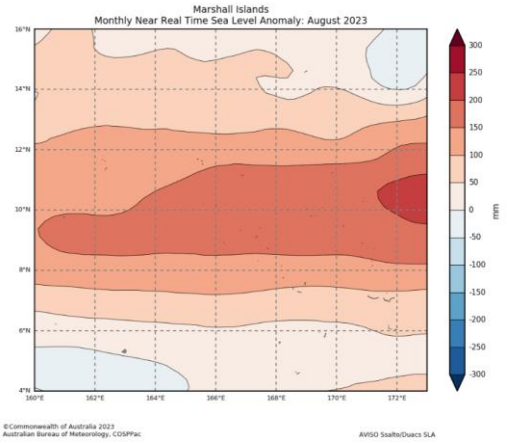
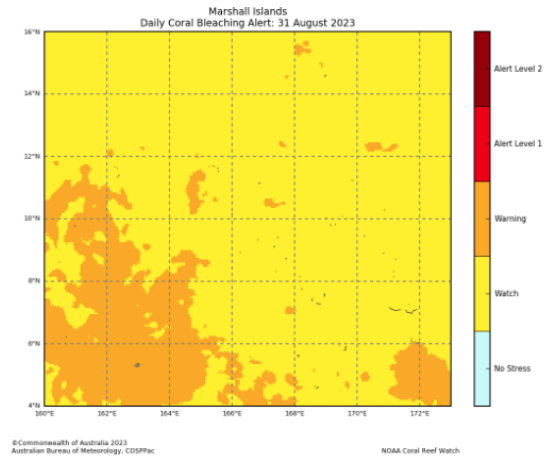
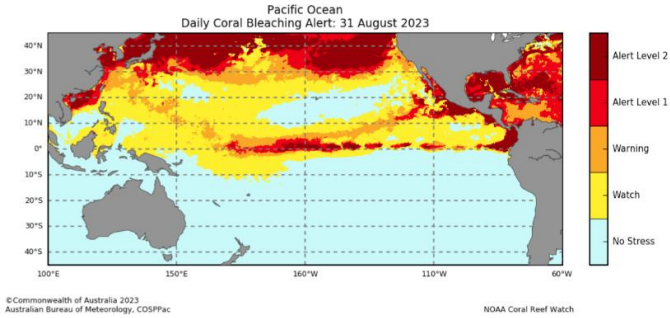
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Majuro (1954-2023)	774.7	Below normal	796.1	961.8	874.8	18/70
Kwajalein (1945-2023)	564.8	Below normal	652.8	813.3	723.4	15/79

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023

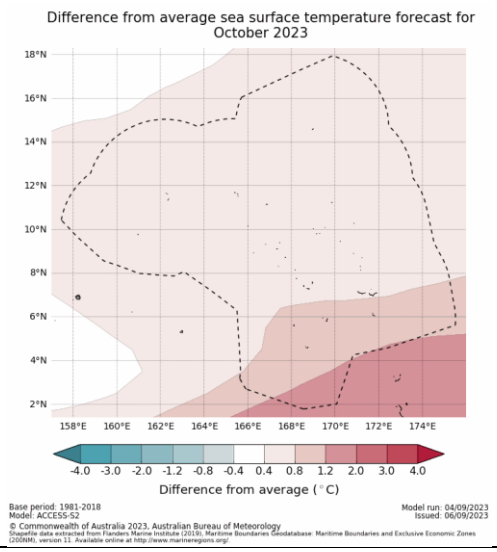
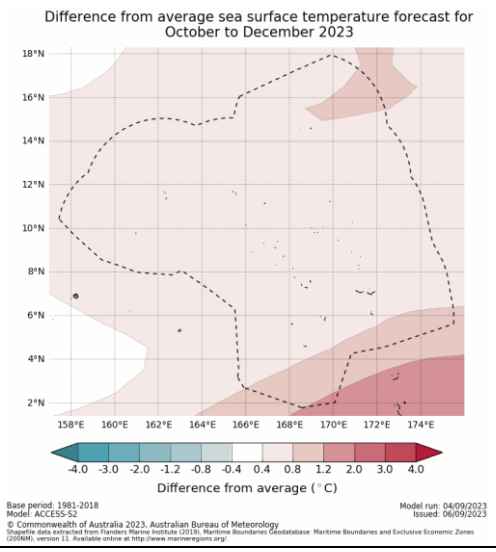
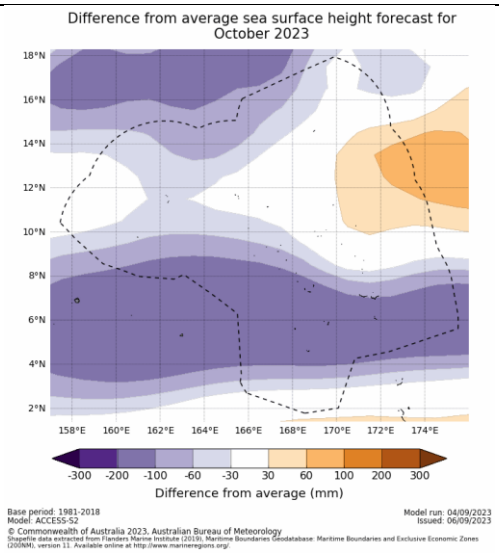
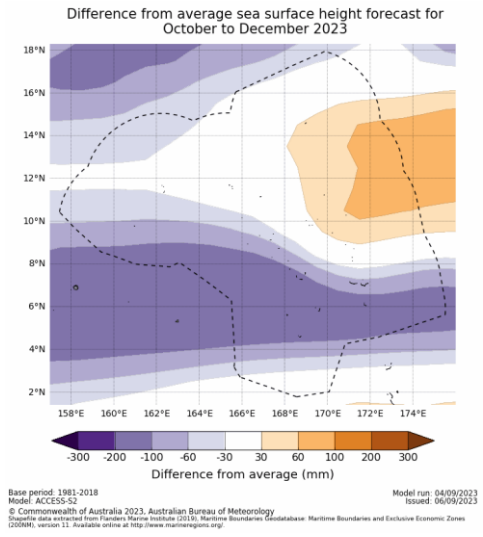
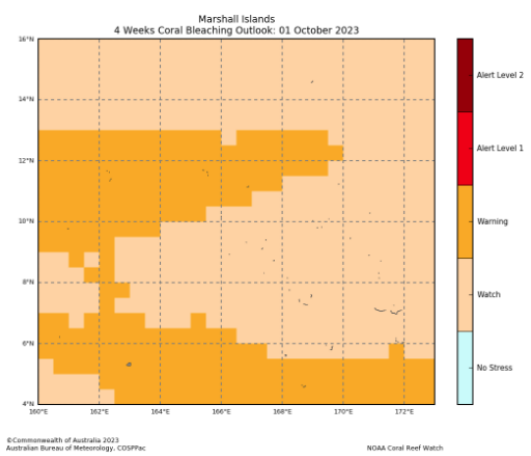
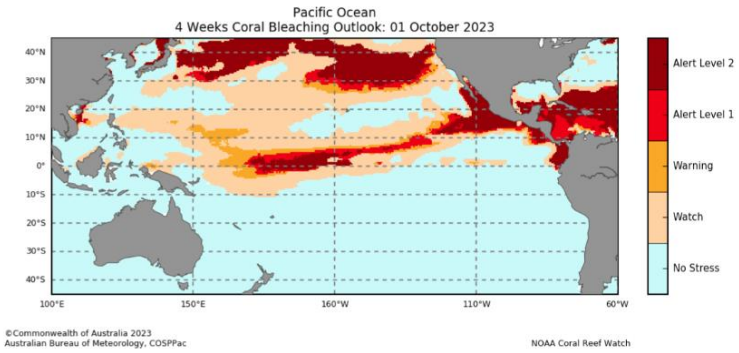
Monthly: October	Seasonal: October to December
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: August and June to August 2023

Monthly: August	Last three months: June to August 2023:
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 October and October to December 2023

Monthly: October	Seasonal: October to December
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: August 2023/June to August 2023 statement

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

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for October is likely or very likely to be above normal over southern, central, and northwestern RMI, including Majuro. In northeast RMI, the outlook shows October's rainfall is likely or very likely to be below normal. The outlook offers little guidance for a narrow region between these, including Kwajalein.

The rainfall for October to December is likely or very likely to be above normal over southern and northwestern RMI. In the central RMI, including Majuro and Kwajalein, the outlook offers little guidance, while for northeastern areas, below normal rainfall is likely.

Maximum and minimum temperatures during October and averaged over October to December are likely or very likely to be above normal across the RMI.

Part 2: Recent Ocean summary statement

Monthly and last three months: August 2023/June to August 2023

August ocean temperatures around most of the RMI were utmost 1.0°C above normal, while 0.5°C near normal for the central RMI including Majuro and Kwajalein.

Averaged over June to August, ocean temperatures around most of the RMI were utmost 1.0°C above normal, with 0.5°C near normal for the central RMI including Majuro and Kwajalein.

August sea levels around the central and northern atolls were 50mm to 300mm above normal.

Coral bleaching was on WARNING status for southern and western waters, while the rest of the RMI's water was on WATCH status.

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2023

Ocean Variable statement

October ocean temperatures around the central and northern RMI are predicted to be 0.4 to 0.8°C above normal, while 0.8 to 1.2°C above normal in the southern RMI.

Averaged over October to December, ocean temperatures around the RMI are predicted to be 0.4 to 0.8°C above normal.

October and averaged over October to December sea levels around the southern, central and northwestern RMI are predicted to be -30mm to -200mm below normal. An area of above normal sea level ranging over 30mm to 100mm is predicted for the northeastern RMI.

Coral bleaching outlook, the southern and northwestern waters of the RMI are in WARNING status, while a WATCH status is in place for the central and northern waters.

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

Product	Date: August 2023	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	08/18/23	Office of the Chief Secretary and the National Disaster Management Office	6	4	2	
Ocean Outlook						
Climate data request						
		Total	**6**	**4**	**2**	