# **Country: Marshall Islands**

# Part 1: Recent climate

# TABLE 1: Monthly Rainfall

Station (include data period)	Apr- 2022	May- 2022	Jun-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nalik
Majuro (1954-2022)	610.1	170.7	197.6	239.4	330.7	287.3	13/68
Kwajalein (1945-2022)	208.5	334.5	248.4	176.1	259.2	205.8	49/77

# TABLE 2: Three-month Total Rainfall for April to June 2022

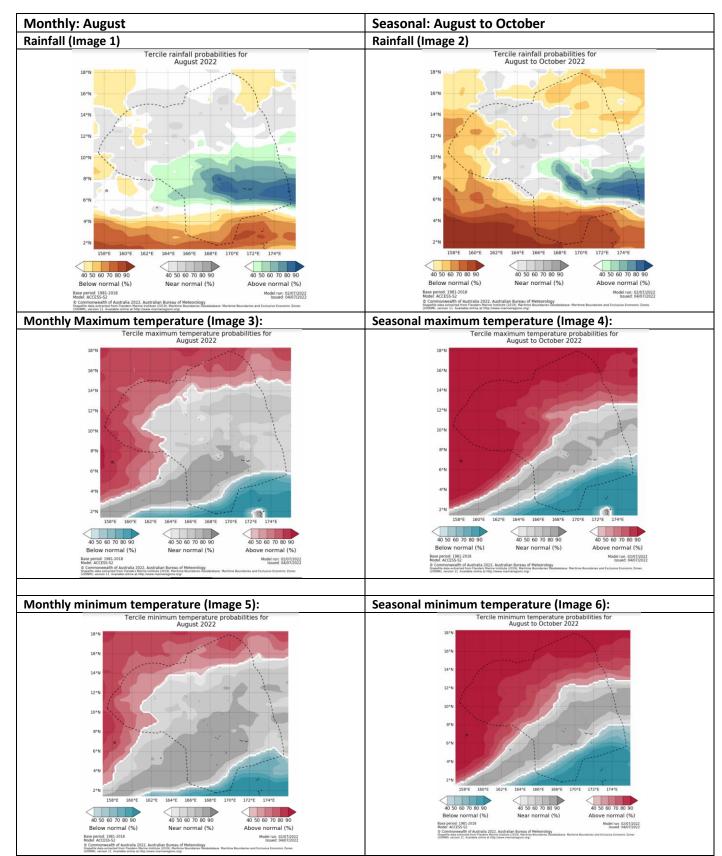
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Majuro (1954-2022)	978.4	Normal	675.4	981.0	841.3	45/68	
Kwajalein (1945-2022)	791.4	Above normal	506.6	720.4	612.2	61/78	

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$  Moderate  $5 \le X < 10$ 

# Part 1i. Monthly and Seasonal Outlooks for August and August to October 2022



NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

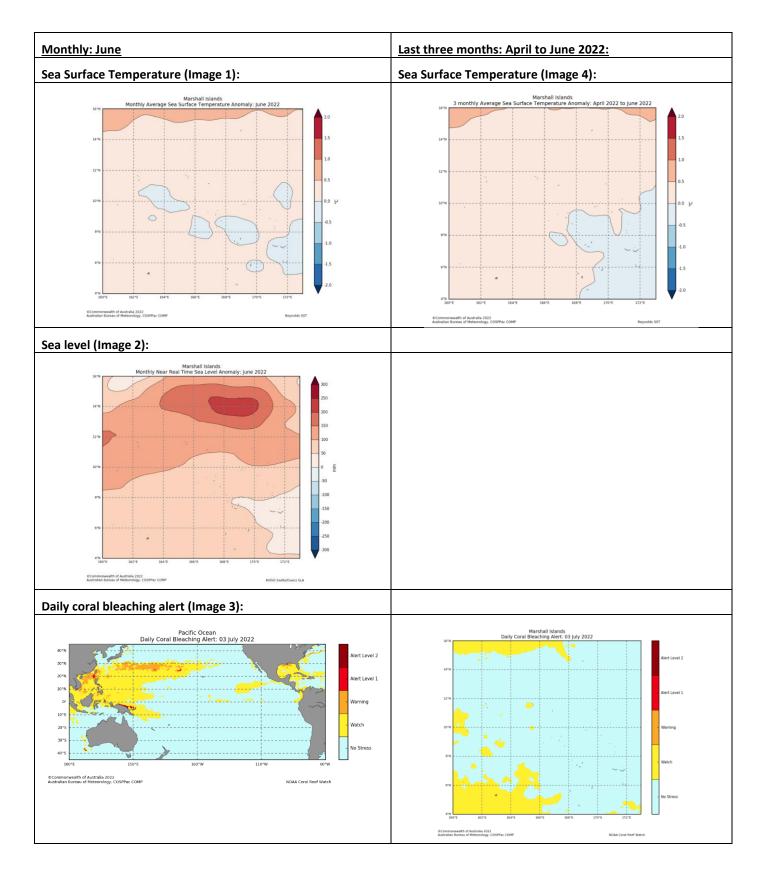
Low:  $0 \le X < 5$ 

X < 5 Moderate  $5 \le X < 10$ 

Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

# Part 2: Recent Ocean observations

#### Monthly: June 2022



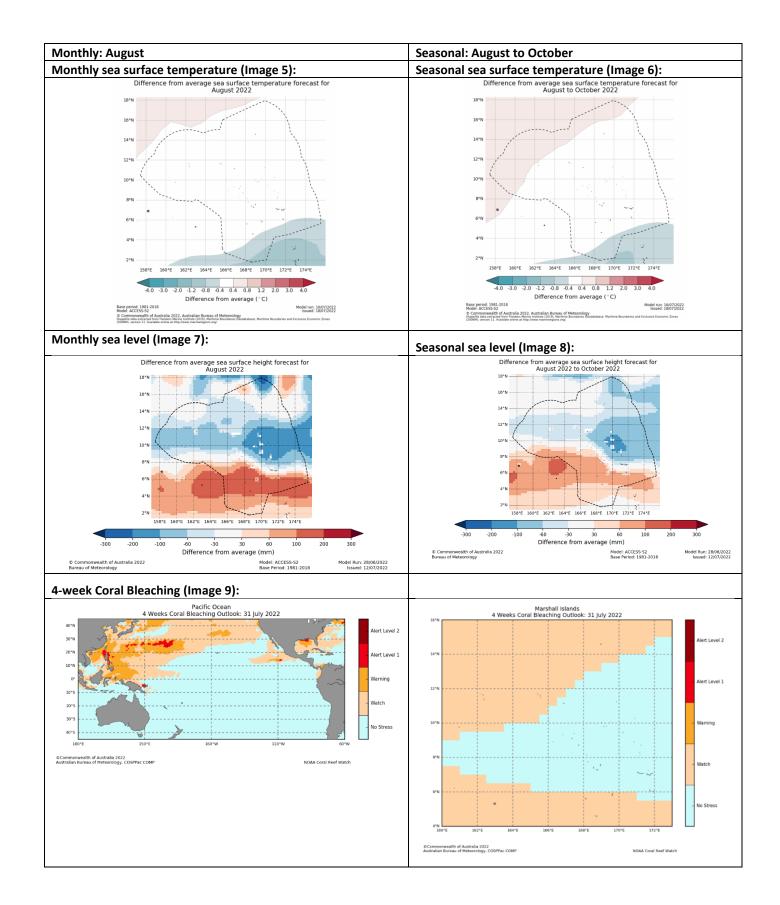
#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low: 0 ≤ X < 5

Moderate 5 ≤ X < 10

# Part 2i. Monthly and Seasonal Outlooks for August and August to October 2022



#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

x < 0.0 Low:  $0 \le X < 5$ 

Moderate  $5 \le X < 10$ 

Good: 10 ≤ X < 15 High: 15≤ X < 25

## **Summary Statement**

### Monthly and last three months: June 2022/April to June 2022 statement (Highly significant changes)

Below normal rainfall was recorded at Majuro in June 2022, while normal rainfall was recorded at Kwajalein. For April to June, Majuro recorded normal rainfall, while Kwajalein recorded above normal rainfall.

# Part 1i. Monthly and Seasonal Outlooks for August and August to October 2022

### Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

The outlooks for August and August to October show rainfall is likely to be above normal at both Majuro and Kwajalein. The outlooks, however, are different for most other parts of RMI's EEZ, with normal rainfall the most likely outcome for the islands further north of Kwajalein, including Bikini and Enewetak atolls. South of 5°N (for Aug) and 6°N (for Aug-Oct), the outlooks indicate below average rainfall as the most likely outcome.

The monthly maximum and minimum temperature outlooks show August temperatures are likely to be near normal for the majority of the Marshall Islands. The seasonal maximum and minimum temperature outlooks also indicate near-normal temperatures for Majuro and Kwajalein, but for the islands north of Kwajalein, the outlooks show a strong chance of above normal temperatures.

# Part 2: Recent Ocean summary statement

### Monthly and last three months: June/April to June 2022 (Highly significant changes)

For June and April to June, SSTs were near-normal across the Marshall Islands.

June sea levels were ranging from 50 to 100 mm above average across the southern half of RMI, and between 100 mm and 250 mm above normal in the north.

The entire Marshall Islands placed in NO STRESS status for Coral Bleaching during the month of June.

# Part 2i. Monthly and Seasonal Outlooks for August and August to October 2022

### **Ocean Variable statement** (Highly significant changes)

The monthly and seasonal outlooks show near-normal SSTs for most of the Marshall Islands during August and August to October.

For the northern and central Marshall Islands, the monthly and seasonal outlooks indicate below average sea levels of 30 to 200 mm. The southern parts of the EEZ, the outlook shows significant sea levels around 60 to 100 mm above average for August, while 100mm to 200mm above average for August to October.

Coral bleaching outlook is on watch status for the islands located on the farthest northern and southern parts of Marshall Islands, with the remaining on no thermal stress status.

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

Product	Date: June 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	6/22/2022	Office of the Chief Secretary and the NDMO	6	4	2
Ocean Outlook					
Climate data request					
		Total	6	4	2

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$ Moderate  $5 \le X < 10$ Good:  $10 \le X < 15$ High:  $15 \le X < 25$