Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 175

**Country: Marshall Islands** 

Part 1: Recent climate

**TABLE 1: Monthly Rainfall** 

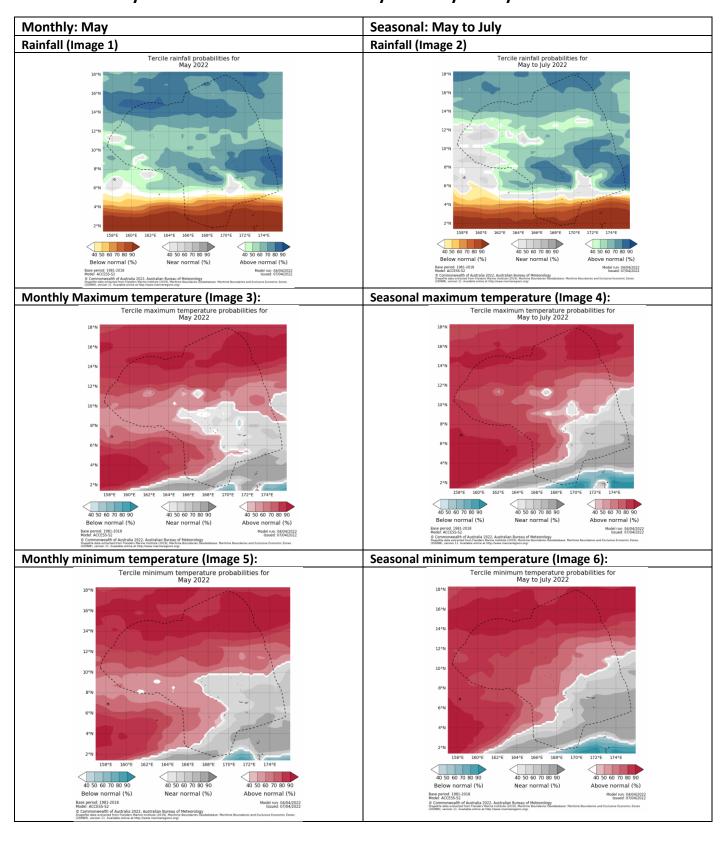
Station (include data period)	Jan-2022	Feb- 2022	Mar-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nalik
Majuro (1954-2022)	120.1	223.3	498.1	147.6	263.4	192.4	65/68
Kwajalein (1945-2022)	31.8	163.8	281.2	45.0	116.2	84.6	72/78

**TABLE 2: Three-month Total Rainfall for January to March 2022** 

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Majuro (1954-2022)	841.5	Above normal	489.5	706.6	594.0	53/68	
Kwajalein (1945-2022)	476.8	Above normal	198.8	364.3	245.4	61/78	

 $Very \ Low: \ X < 0.0 \\ Low: \ 0 \le X < 5 \\ Moderate \ 5 \le X < 10 \\ Good: \ 10 \le X < 15 \\ High: \ 15 \le X < 25 \\$ 

Part 1i. Monthly and Seasonal Outlooks for May and May to July 2022



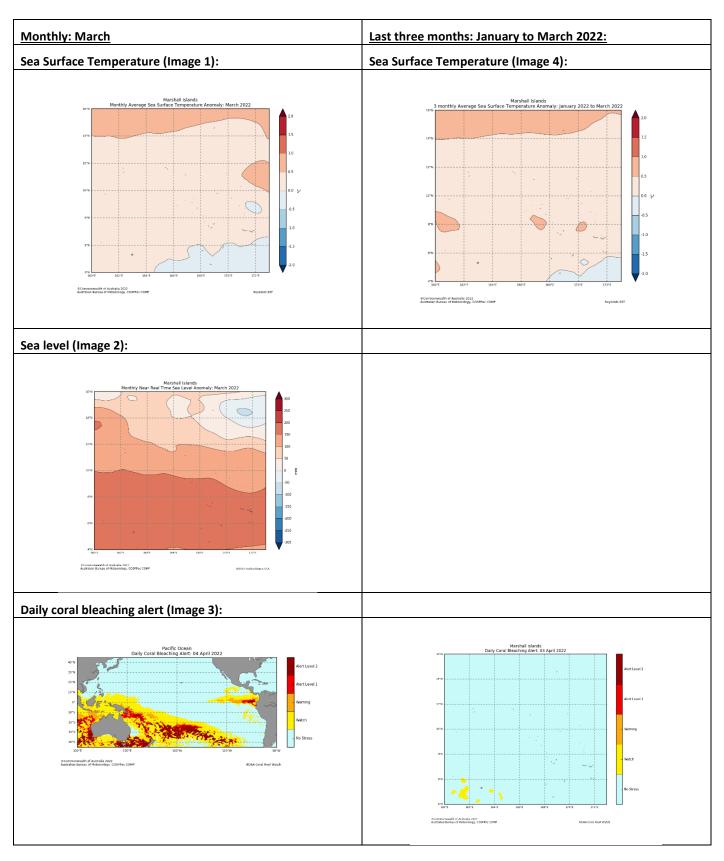
#### NB: The X LEPS % score has been categorised as follows:

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Very High: 25 ≤X < 35 Exceptional: X ≥ 35

# Part 2: Recent Ocean summary statement

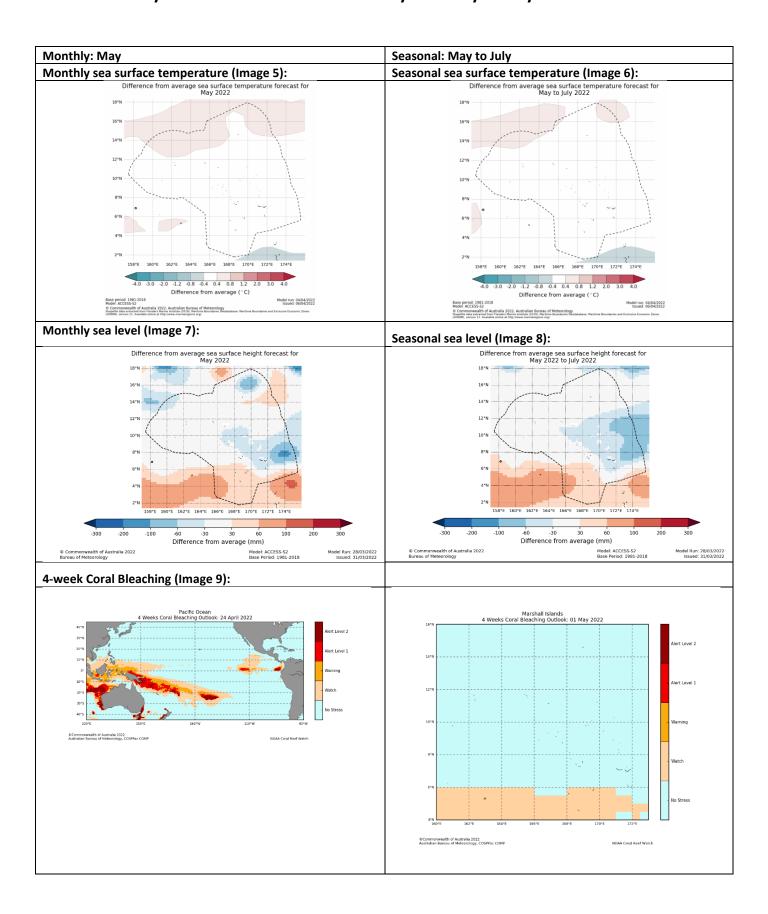
### Monthly: March 2022



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Very Low: X < 0.0 Low:  $0 \le X < 5$  Moderate  $5 \le X < 10$  Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

# Part 2i. Monthly and Seasonal Outlooks for May and May to July 2022



#### 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:  $15 \le X < 25$ 

Very High: 25 ≤X < 35 Exceptional: X ≥ 35

## **Summary Statement**

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

Above normal rainfall was recorded at both Majuro and Kwajalein for the month of March 2022. Majuro recorded its fourth and Kwajalein its seventh wettest March on record.

For the period of January to March 2022, both Majuro and Kwajalein also recorded above normal rainfall.

# Part 1i. Monthly and Seasonal Outlooks for May and May to July 2022

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

The rainfall outlook for May 2022 is very likely to be above normal at both Majuro and Kwajalein. The outlook for the Marshall Islands for the period of May to July is very likely to be above normal at most part of the country except for the central west part of the country, the outlook is likely to be normal.

The monthly and seasonal minimum and maximum temperature outlook is very likely to be above normal for most part of the Marshall Islands except for southeast of the country, the outlook is likely to be normal.

## Part 2: Recent Ocean summary statement

#### Monthly and last three months: March/January to March 2022 (Highly significant changes)

Most of the islands experienced average to above average SST reaching 0.5°C warmer than normal during the month of March 2022. For the three-month period (January to March), most of the islands have also experienced average to above average SST ranging from 0.0 to 0.5 °C.

The monthly sea level anomaly was significantly higher than normal at Majuro and nearby atolls ranging from 150 to 200 mm. While Kwajalein and rest of the islands observed sea level higher than normal ranging from 100 to 150 mm during the month of March 2022.

NO STRESS status for Coral Bleaching was in place for most part of the Marshall Islands during the month of March 2022.

# Part 2i. Monthly and Seasonal Outlooks for May and May to July 2022

### Ocean Variable statement (Highly significant changes)

The monthly and seasonal outlook for the Marshall Islands shows a significant temperature difference of -0.4 to 0.4°C at most part. The monthly and seasonal outlook for the southeast of the Marshall Islands shows below average sea level of -30 to -60 mm, while at most part the outlook shows no significant height in sea level.

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

Product	Date: March 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	03/25/2022	RMI National Disaster Management Office (NDMO)	6	3	3
Ocean Outlook					
Climate data request					
	<u> </u>	Total	6	3	3

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