# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 177

**Country: Marshall Islands** 

Part 1: Recent climate

**TABLE 1: Monthly Rainfall** 

| Station (include data period) | Mar-<br>2022  | Apr-<br>2022  | May-2022      |         |         |        |       |
|-------------------------------|---------------|---------------|---------------|---------|---------|--------|-------|
|                               |               |               | Total<br>(mm) | 33%tile | 67%tile | Median | Rank  |
|                               | Total<br>(mm) | Total<br>(mm) | Rainfall (mm) |         |         |        | Natik |
| Majuro (1954-2022)            | 498.1         | 610.1         | 170.7         | 213.5   | 324.3   | 271.9  | 13/68 |
|                               |               |               |               |         |         |        | ·     |
| Kwajalein (1945-2022)         | 281.2         | 208.5         | 334.5         | 163.9   | 272.4   | 207.2  | 65/78 |

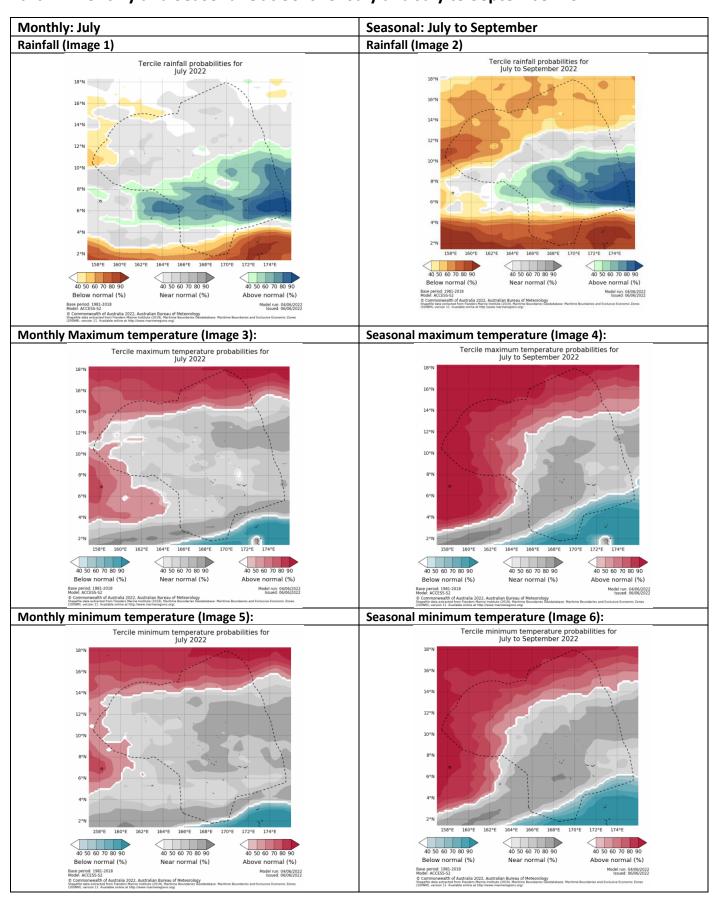
# **TABLE 2: Three-month Total Rainfall for March to May 2022**

| Station               | Three-n       | nonth Total     | 33%tile | 67%tile | Median | Rank  |  |
|-----------------------|---------------|-----------------|---------|---------|--------|-------|--|
|                       | Rainfall (mm) |                 |         |         |        |       |  |
| Majuro (1954-2022)    | 1278.9        | Above<br>normal | 636.2   | 890.2   | 748.4  | 62/68 |  |
|                       |               |                 |         |         |        |       |  |
| Kwajalein (1945-2022) | 824.2         | Above<br>normal | 375.5   | 633.2   | 494.7  | 66/78 |  |

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

Very High:  $25 \le X < 35$  Exceptional:  $X \ge 35$ 

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



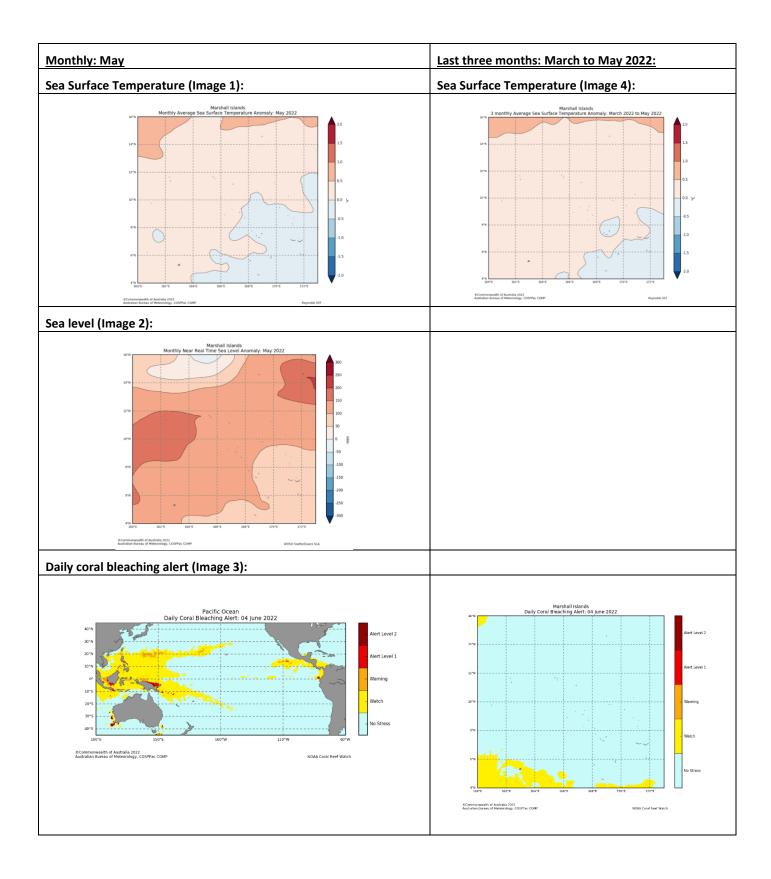
#### NB: The X LEPS % score has been categorised as follows:

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

# Part 2: Recent Ocean summary statement

## Monthly: May 2022

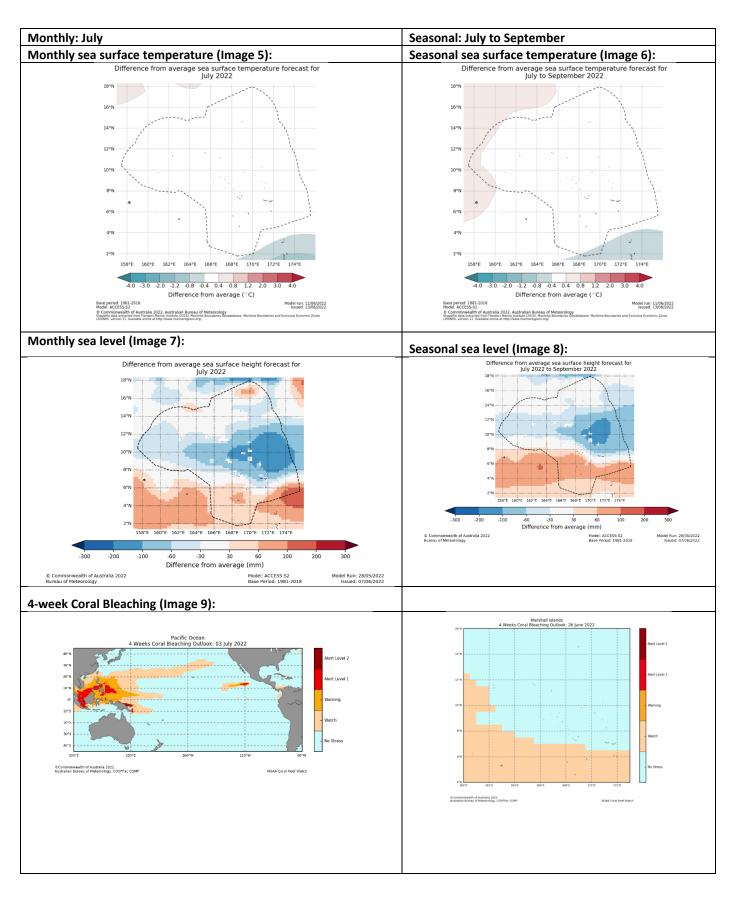


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# Part 2i. Monthly and Seasonal Outlooks for July and July to September 2022



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### **Summary Statement**

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

Below normal rainfall was recorded at Majuro for the month of May 2022, while above normal recorded at Kwajalein. For the period of March to May both Majuro and Kwajalein recorded above normal rainfall. Majuro recorded its seventh wettest March to May on record.

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

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

The outlook for Majuro for July is very likely to be above normal while like to be above normal for Kwajalein. The seasonal outlook for July for September is very likely to be above normal at Kwajalein, Majuro and the southern islands. On the other hand, normal I to below normal rainfall is the most likely outcome for the northern islands.

The monthly maximum and minimum temperature outlook is likely to be near normal at both Majuro and Kwajalein. The seasonal maximum and minimum temperature outlook is very likely to be normal for the central and southern Marshall Islands while like to be above normal to the west and northern Marshall Islands.

## Part 2: Recent Ocean summary statement

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

For the month of May and the past three months March to May, Marshall Islands experienced normal SST conditions.

The monthly sea level anomaly was significantly higher than normal at both Majuro and Kwajalein, ranging from 50 mm to 150 mm.

The entire Marshall Islands was placed on NO STRESS status for Coral Bleaching.

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

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

The monthly outlook for SST shows normal SST conditions for most of the Marshall Islands. The monthly outlook for sea level anomaly shows below average heights of -30 to -100 mm for the entire Marshall Islands.

Coral Bleaching Outlook for the entire Marshall Islands was placed in NO STRESS status.

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

| Product                     | Date:<br>May<br>2022 | Stakeholder                                      | Total<br>Number of<br>Participants | Number of male | Number of female |
|-----------------------------|----------------------|--------------------------------------------------|------------------------------------|----------------|------------------|
| Climate Bulletin            | -                    |                                                  |                                    |                |                  |
| EAR Watch                   |                      |                                                  |                                    |                |                  |
| Monthly Climate<br>Briefing | 5/25/2022            | Office of the Chief<br>Secretary and the<br>NDMO | 6                                  | 4              | 2                |
| Ocean Outlook               |                      |                                                  |                                    |                |                  |
| Climate data request        |                      |                                                  |                                    |                |                  |
|                             | ·                    | Total                                            | 6                                  | 4              | 2                |

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