Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 180

**Country:** Palau

Part 1: Recent climate

# **TABLE 1: Monthly Rainfall**

Station (include data period)	Jun-2022	Jul-2022	Aug-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)		Nank			
Koror (1951-2022)	355.1	409.5	332.0	318.3	424.7	349.2	27/72

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

Station	Three-month Total		33%tile	e 67%tile Median		Rank
Koror (1951-2022)	1096.6	Below normal	1112.8	1328.9	1204.3	23/72

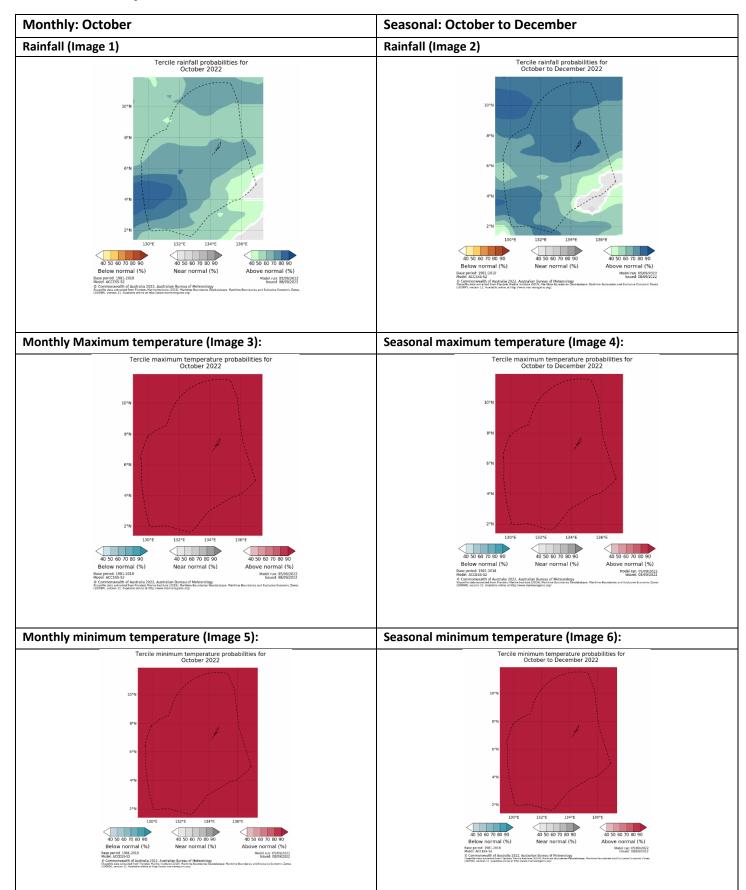
NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

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

Good: 10 ≤ X < 15 High: 15≤ X < 25

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



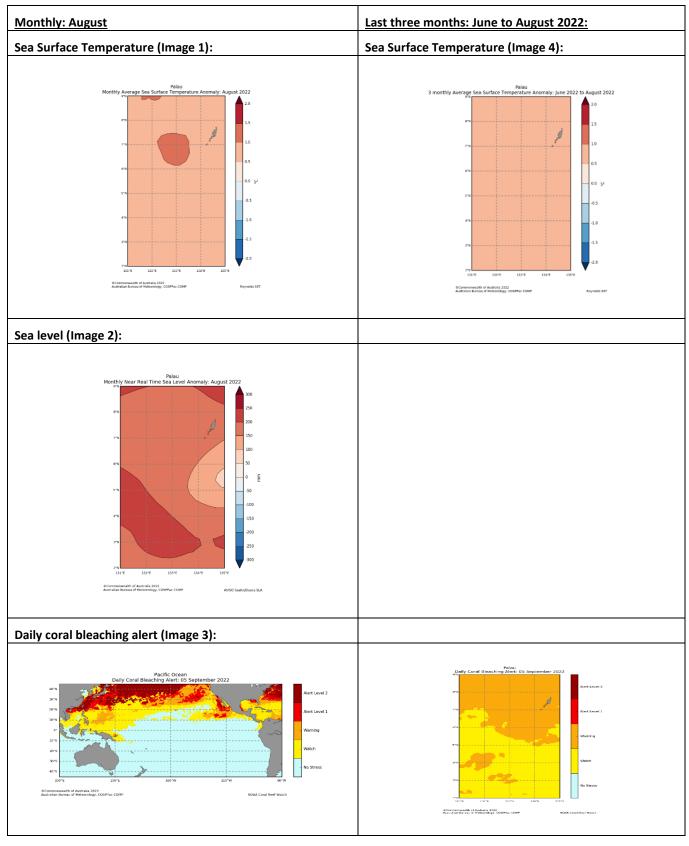
#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low:  $0 \le X < 5$ 

## Part 2: Recent Ocean Observation

### Monthly/Three months: August 2022 and June to August 2022



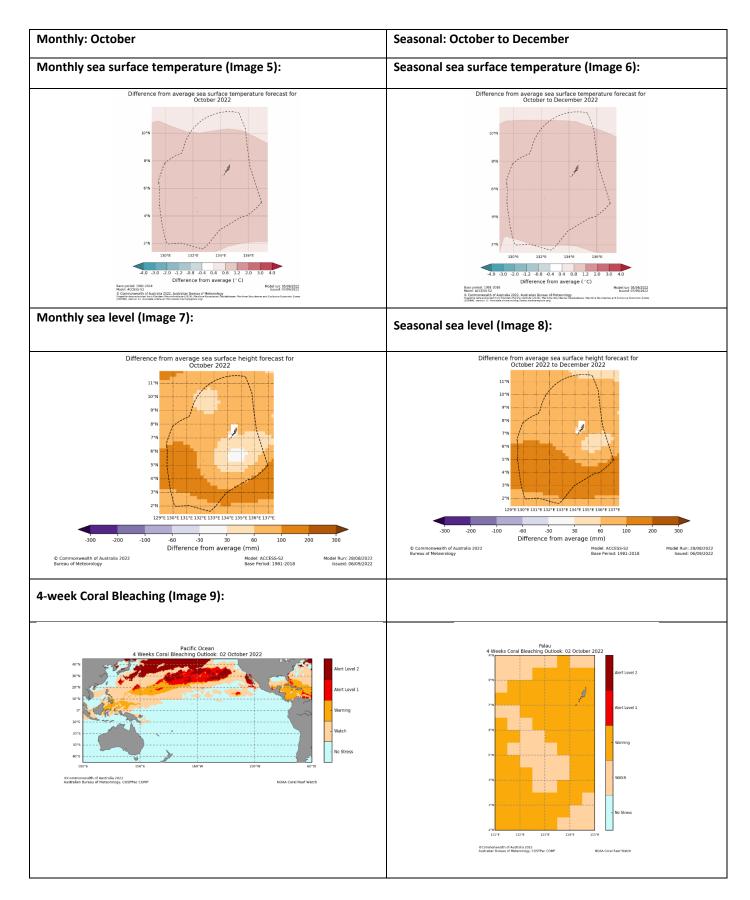
Moderate 5 ≤ X < 10

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

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



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

Very Low: X < 0.0

0.0 Low:  $0 \le X < 5$ 

Moderate 5 ≤ X < 10

## **Summary Statement**

### Monthly and last three months: August 2022/June to August 2022 statement

Normal rainfall was recorded at Koror for the month of August 2022, and below normal rainfall was recorded at Koror for the period June to August 2022.

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

## Monthly /Seasonal rainfall and temperature Outlook statements

The outlook for Koror and the whole country for the month of October 2022 shows rainfall is very likely to be above normal, especially for the southwest islands of Palau. October to December rainfall for Koror and greater Palau is also very likely to be above normal.

Maximum and minimum temperatures for Koror and Palau are very likely to be above normal for October 2022 and for the period October to December 2022.

## Part 2: Recent Ocean summary statement

## Monthly and last three months: August/June to August 2022

Koror and the whole country experienced above average SST in the month of August 2022 and for the period June to August 2022, with significant SSTs between 0.5 to 1.0°C above average.

### Sea Level statement

Koror and majority of the country experienced sea level heights of +150mm to +200mm for August 2022 while the southwest islands showed significant sea level anomalies of +200mm to +250mm.

## **Daily Bleaching Alert statement**

Coral bleaching is on a Warning Level for Koror and majority of the country.

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

## **Ocean Variable statement**

## Monthly and Seasonal Sea Surface Temperature statement

The outlook for the Koror and the whole country shows a significant sea surface temperature difference of 0.8°C to 1.2°C for October 2022 and similarly for the period October to December 2022.

## Monthly and Seasonal Sea Surface Height Outlook statement

The outlook for Koror, the main islands and their adjacent waters are most likely to be above average for October 2022 and for the period October to December 2022. Significant sea levels of +100 to +200mm above average forecasted for the southwest islands.

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

#### 4-weeks Coral Bleaching Outlook statement

There is a coral bleaching Warning for Koror and majority of the country for the next four weeks.

Product	Date: August 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
EAR Watch	2022	National Emergency Committee (NEC)         • Office of the Vice President         • Office of the President         • NEMO Coordinator         • National Weather Service         • Bureau of Budget and Planning         • Bureau of Tourism         • Bureau of Commercial Development         • Attorney General's Office         • Bureau of Youth, Applied Arts and Careers	28	19	9
		<ul> <li>Bureau of Public Health</li> <li>Bureau of Public Work</li> <li>Bureau of Public Safety</li> <li>Palau Community College</li> <li>Bureau of Education Administration</li> <li>Palau Public Utility Corporation</li> <li>Palau National Communication Corporation</li> <li>Bureau of Foreign Affairs&amp;</li> </ul>			
		<ul> <li>Bureau of Foreign Analise</li> <li>Bureau of Domestic Affairs</li> <li>Bureau of Agriculture</li> <li>Governors Association</li> <li>Palau Red Cross Society</li> <li>Environment Quality</li> <li>Protection Board</li> <li>Bureau of Aviation</li> <li>Division of Property and</li> <li>Supply</li> <li>Palau Chamber of</li> <li>Commerce</li> </ul>			

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

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

Very Low: X < 0.0

Low:  $0 \le X < 5$  Mod

Bureau of Customs & Boarder Protection Koror State Government			
Total	285	19	9

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