# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 183

**Country: Niue** 

Part 1: Recent climate

**TABLE 1: Monthly Rainfall** 

Station (include data period)	Sep- 2022	Oct-2022	Nov-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Natik
Hanan Airport (1905-2022)	113.6	274.8	47.7	106.3	172.0	146.6	12/117

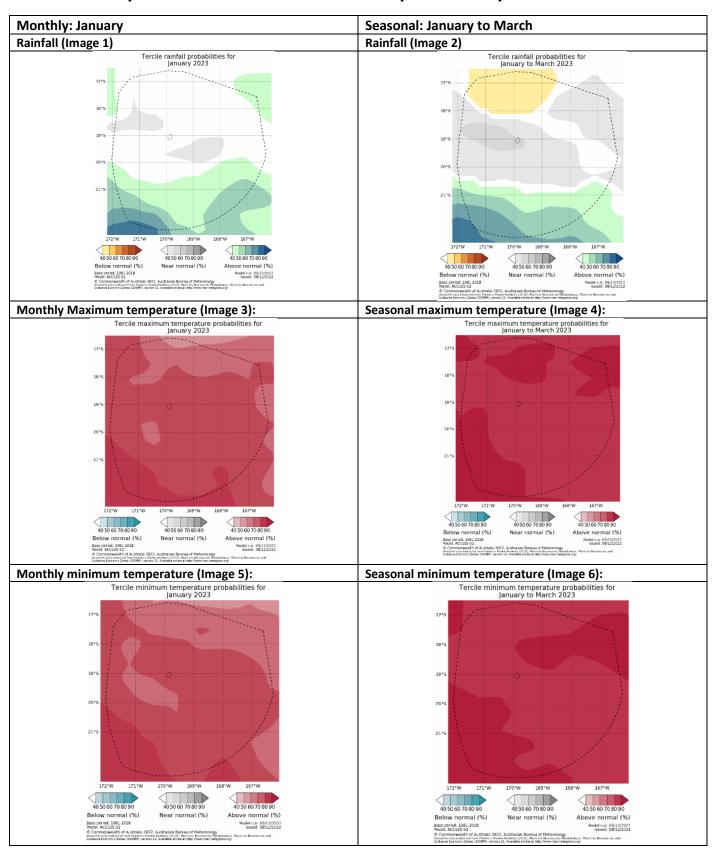
**TABLE 2: Three-month Total Rainfall for September to November 2022** 

Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank	
Hanan Airport (1905- 2022)	436.1	Normal	325.8	473.2	373.2	74/114	

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

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

## Part 1i. Monthly and Seasonal Outlooks for January and January to March 2023

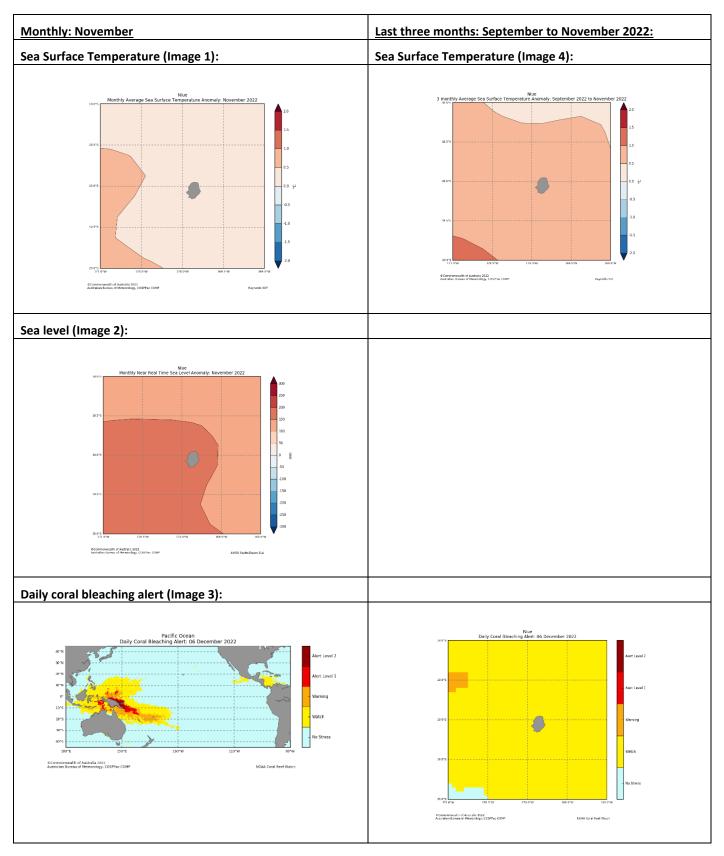


Very Low: X < 0.0 Low:  $0 \le X < 5$  Moderate  $5 \le X < 10$  Good:  $10 \le X < 15$  High:  $15 \le X < 25$ 

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

## **Part 2: Recent Ocean Observation**

## Monthly/Three months: November 2022 and September to November 2022

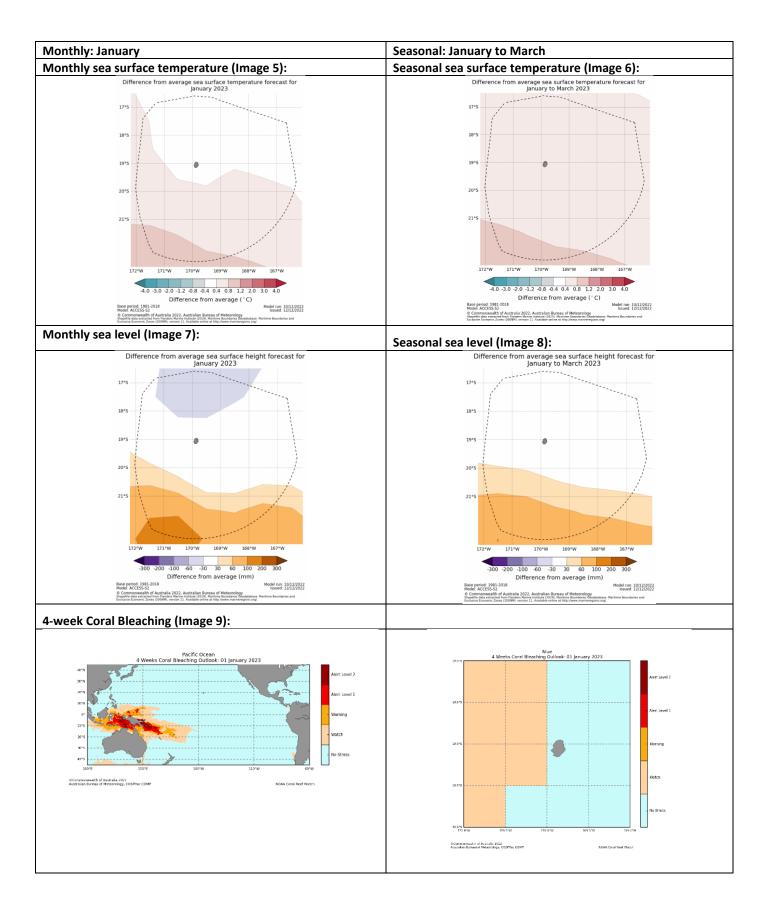


NB: The X LEPS % score has been categorised as follows:

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

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

## Part 2i. Monthly and Seasonal Outlooks for January and January to March 2023



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

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

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

### **Summary Statement**

#### Monthly and last three months: November 2022/September to November 2022 statement

Hanan Airport's monthly rainfall for November was below normal, and for the last three months was normal.

## Part 1i. Monthly and Seasonal Outlooks for January and January to March 2023

#### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for Niue for January offers little guidance as the chances of above normal, normal and below normal are similar. The outlook shows January to March's rainfall is likely to be near normal.

Maximum and minimum temperatures during January are very likely to be above normal.

Maximum and minimum temperatures averaged over January to March are very likely to be above normal.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: November/September to November 2022

November ocean temperatures were near normal.

Averaged over September to November, ocean temperatures were above normal at utmost 1.0°C.

November sea levels around Niue were above normal at utmost 200mm.

Coral bleaching is on 'Watch" status for Niue.

## Part 2i. Monthly and Seasonal Outlooks for January and January to March 2023

#### **Ocean Variable statement**

The monthly sea surface temperature around the main island are predicted to be near-normal, within 0.4 degrees of average in January increasing to 0.8 to 1.2 degrees above normal in the south of the EEZ.

The seasonal sea surface temperature outlook, January to March, are predicted to be above normal ranging from 0.4 to 1.2 degrees in the southern EEZ.

Monthly and seasonal sea levels are forecasted to be near normal around Niue, increasing to 60 to 100 mm above normal in the far south of the EEZ.

Coral bleaching outlook for the next four weeks reveals 'Watch' status for western Niue.

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

 $Very \ Low: \ X < 0.0 \qquad \qquad Low: \ 0 \le X < 5 \qquad \qquad Moderate \ 5 \le X < 10 \qquad \qquad Good: \ 10 \le X < 15 \qquad High: \ 15 \le X < 25 \qquad \qquad Low: \ 0 \le X < 10 \qquad \qquad Good: \ 10 \le X < 10 \qquad \qquad Good: \ 10 \le X < 10 \qquad Good: \ 1$ 

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

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

Product	Date: November 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin	07/10/2022	<ul> <li>Private Sector</li> <li>Government Officials</li> <li>Government staff</li> <li>Stakeholders</li> </ul>	70	30	40
EAR Watch					
Monthly Climate Briefing					
Ocean Outlook					
Climate data request					
		Total	70	30	40

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

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