# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 185

**Country: Niue** 

**Part 1: Recent climate** 

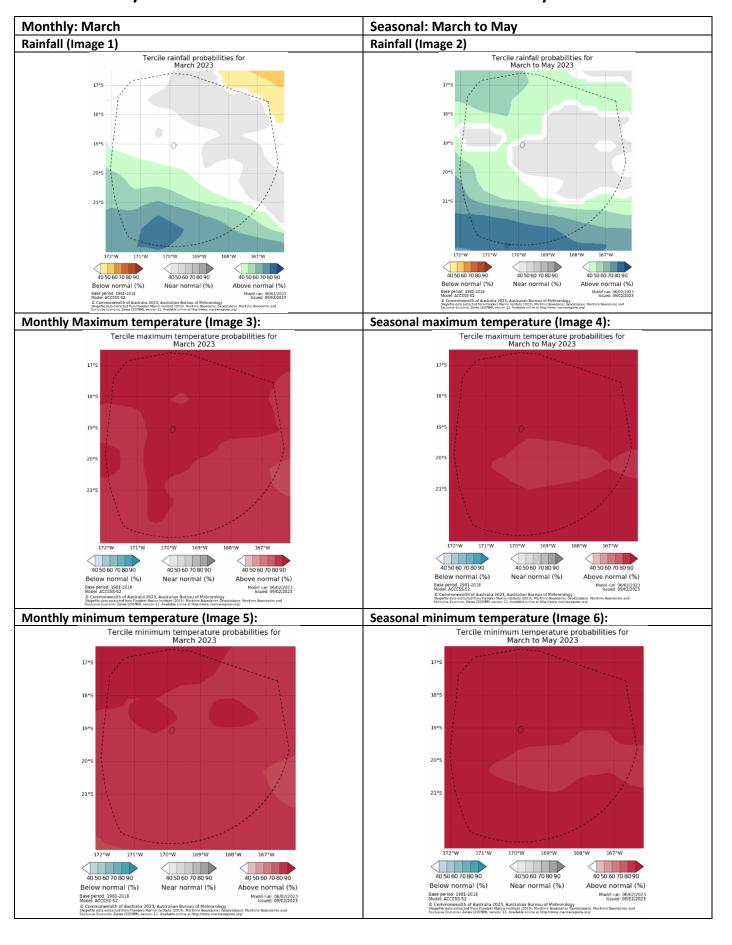
**TABLE 1: Monthly Rainfall** 

	Nov- 2022	Dec- 2022	Jan-2023				
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank
Total Total (mm) (mm)				Rainfall (mm)			
Hanan Airport (1905-2023)	47.7	153.5	338.9	194.2	326.6	259.2	86/118

**TABLE 2: Three-month Total Rainfall for November 2022 to January 2023** 

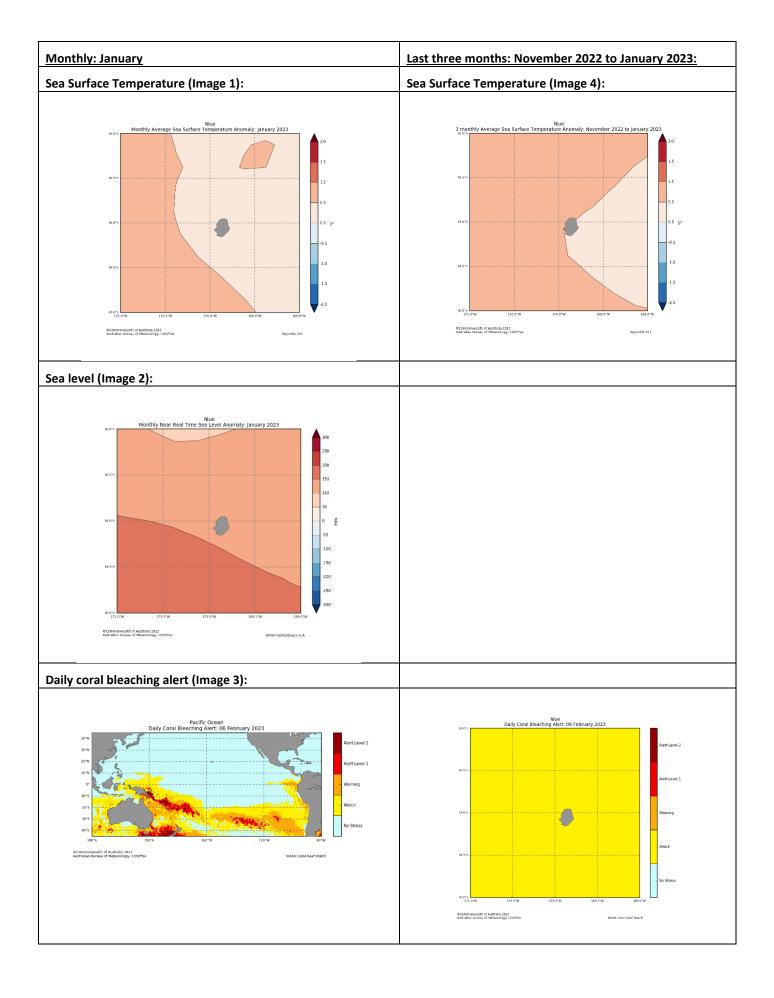
Station	Three-n	nonth Total	33%tile	67%tile	Median	Rank
Hanan Airport (1905-2023)	540.1	Normal	507.2	708.5	610.0	50/117

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

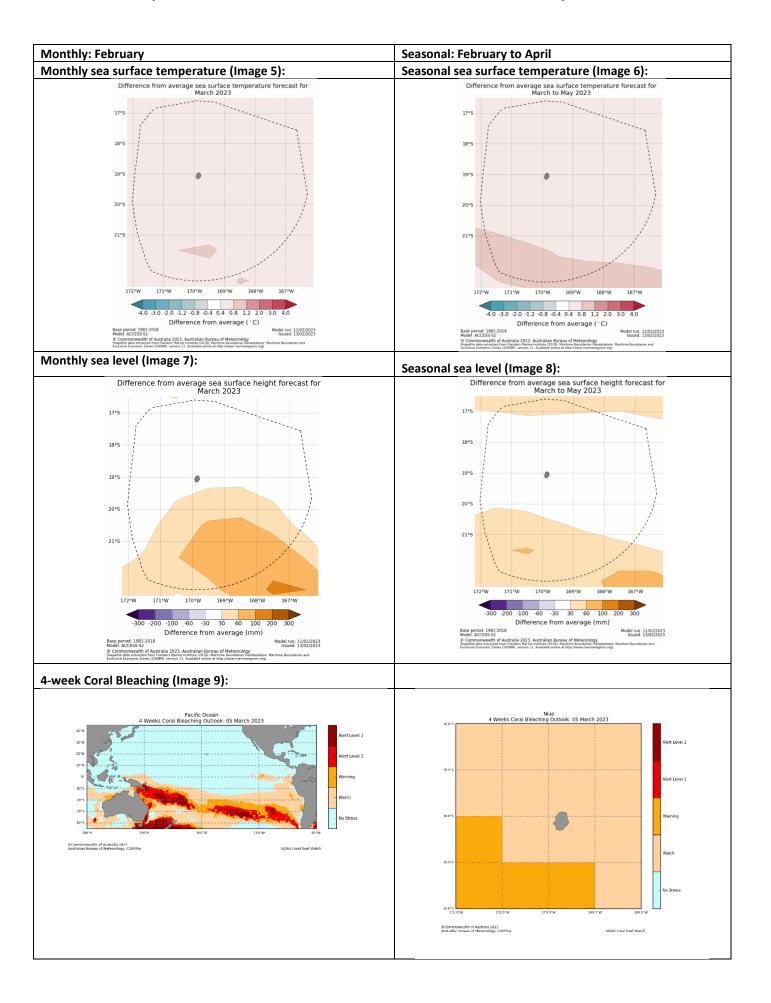


## **Part 2: Recent Ocean Observation**

## Monthly/Three months: January 2023 and November 2022 to January 2023



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



### **Summary Statement**

#### Monthly and last three months: January 2023/November 2022 to January 2023 statement

Hanan Airport's January rainfall was above normal, and for the last three months it was near-normal.

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

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

The outlook offers little guidance for Niue's March rainfall, but for March to May the rainfall is likely to be near normal.

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

#### Part 2: Recent Ocean summary statement

#### Monthly and last three months: January 2023/November 2022 to January 2023

January ocean temperatures were above normal by 0.5 to 1°C.

Averaged over November to January, ocean temperatures were above normal by up to 1.0°C.

January sea levels around Niue were above normal by up to 150mm.

Coral bleaching is on "Watch" status for Niue.

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

#### **Ocean Variable statement**

The monthly sea surface temperature around the main island is predicted to be above normal, within 0.8 degrees of average in March and increasing to 1.2 degrees above normal in the south of the EEZ.

The seasonal sea surface temperature outlook, March to May, indicates above normal SST ranging from 0.8 to 1.2 degrees.

Monthly and seasonal sea levels are forecasted to be near normal around Niue, increasing to 60 to 200mm above normal in the far southeast of the EEZ.

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

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

Product	Date: January 2023	Stakeholder	Total Number of Participants	Number of males	Number of females
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	25/01/2023	Niue Girls Brigade Officers and Young Leaders	25	4	21
Ocean Outlook					
Climate data request					
		Total	25	4	21