Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 174

Country: Niue

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Dec- 2021	Jan-2022	Feb-2022				
		Total (mm)	33%tile	67%tile	Median	Rank
Total (mm)	Total (mm)	Rainfall (mm)				Nalik
476.3	386.3	594.9	199.4	280.9	237.7	116/117
	Total (mm)	Z021 Jan-2022 Total Total (mm) (mm)	Z021	Jan-2022 Total (mm) 33%tile	Dec- 2021 Jan-2022 Total (mm) 33%tile 67%tile	Dec- 2021

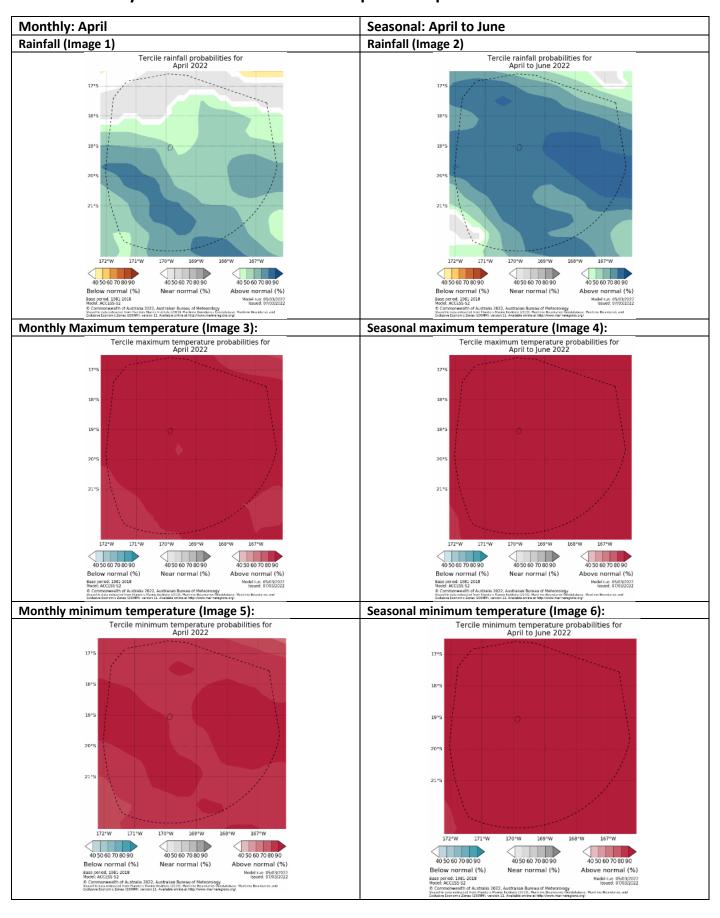
TABLE 2: Three-month Total Rainfall for December 2021 to February 2022

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Hanan Airport (1905- 2022)	1457.5	Above normal	612.3	838.7	689.3	115/117	

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

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

Part 1i. Monthly and Seasonal Outlooks for April and April to June 2022



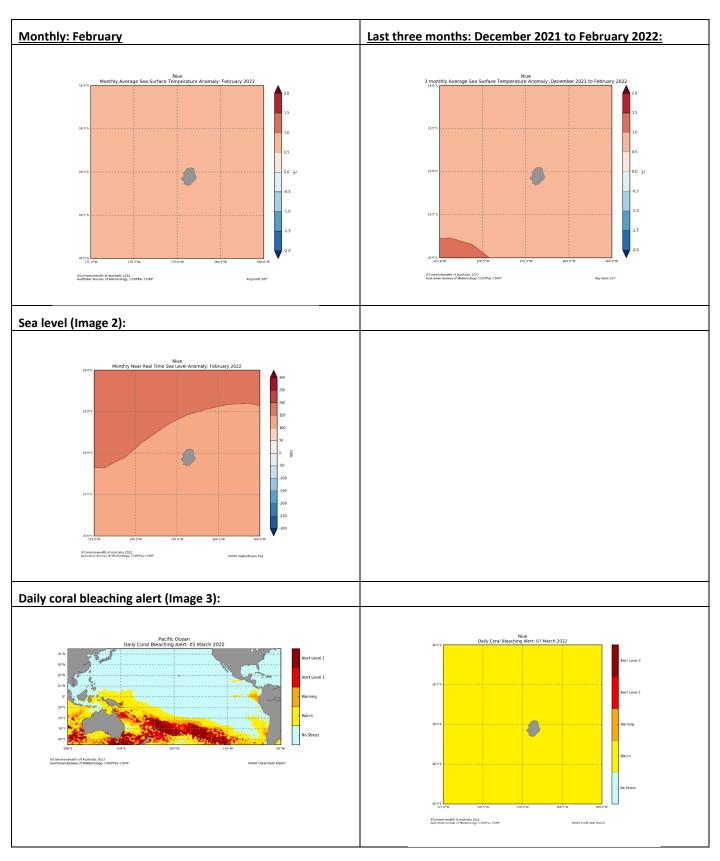
NB: The X LEPS % score has been categorised as follows:

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

Part 2: Recent Ocean summary statement

Monthly: February 2022

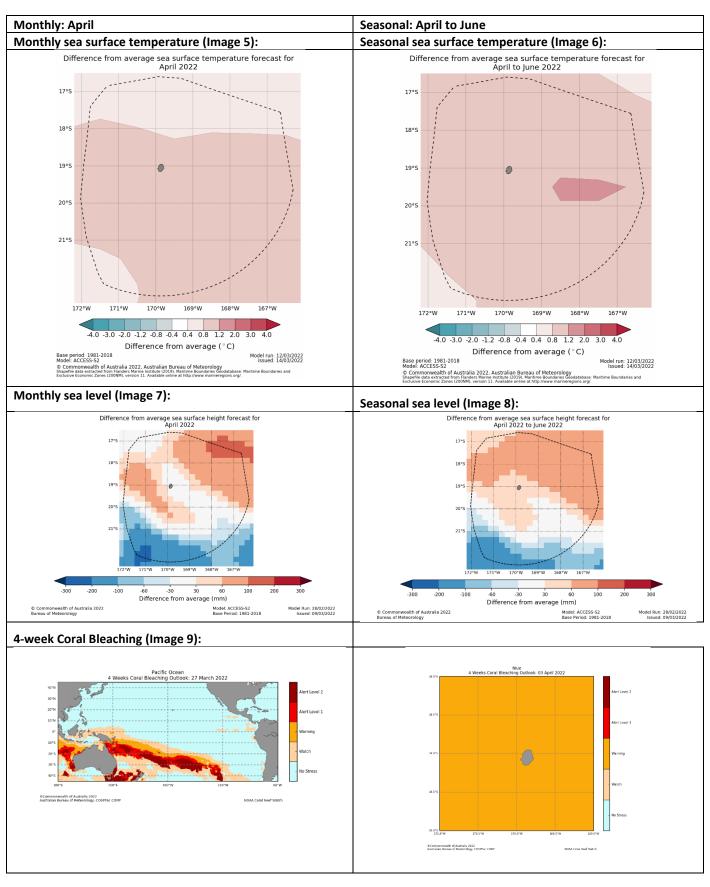


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Part 2i. Monthly and Seasonal Outlooks for April and April to June 2022



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Summary Statement

Monthly and last three months: February 2022/December 2021 to February 2022 statement (Highly significant changes)

Hanan Airports monthly and last three months rainfall was above normal. The station recorded it second (Third) wettest February (December to February) in 117 years.

Part 1i. Monthly and Seasonal Outlooks for April and April to June 2022

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

The rainfall outlook for Niue for April is likely to be above normal while rainfall for April to June 2022 is very likely to be above normal. Maximum and Minimum monthly and seasonal temperatures is very likely to be above normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: February/December 2021 to February 2022 (Highly significant changes)

For February and the last three months, the Sea surface temperature shows warmer conditions experienced in Niue with maximum temperature of 1.0 degrees Celsius.

The sea level anomaly experienced for the month of February is above average at a 50 - 100 mm range.

Coral bleaching alert status is on 'Watch'.

Part 2i. Monthly and Seasonal Outlooks for April and April to June 2022

Ocean Variable statement (Highly significant changes)

The outlook for Niue shows a significant temperature difference of up to 1.2 degrees Celsius warmer than average for April and over the months April to June.

The sea level anomaly forecast shows near normal conditions for April. The seasonal forecast shows an above normal sea level difference of 30-60mm for the months of April to June.

Coral bleaching outlook has a "Warning" alert status for Niue.

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

Product	Date: February 2022	Stakeholder	Total Number of Participants	Number of males	Number of females
Climate Bulletin	Climate Bulletin • Ge	- Conorai	50	20	30
		publicGovernment officialsVillage council	15	10	5
			20	10	10
			20	5	15
	Private sectorStakeholders	30	15	15	
EAR Watch					
Monthly Climate Briefing					
Ocean Outlook					
Climate data request					
		Total	135	60	75

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