Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 187

Country: Niue

Part 1: Recent climate

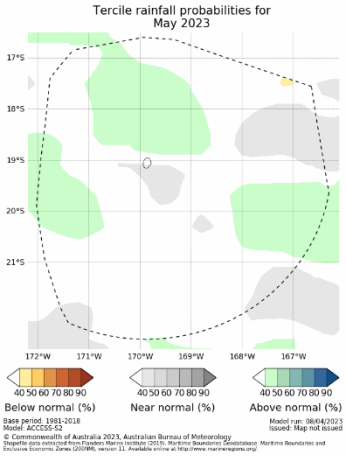
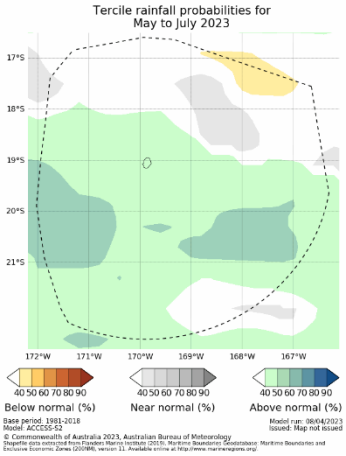
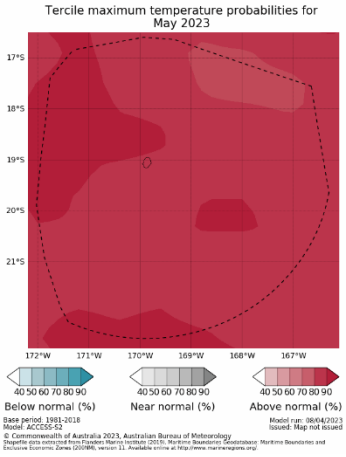
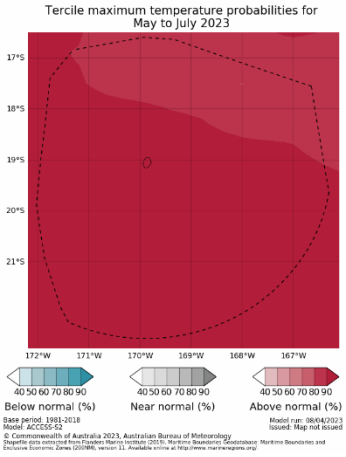
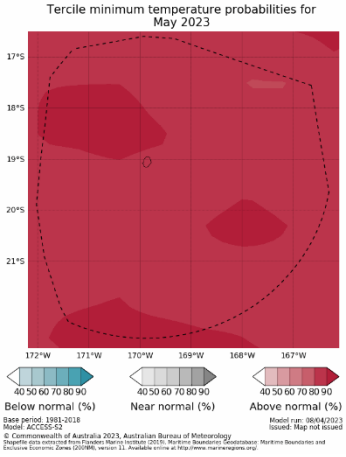
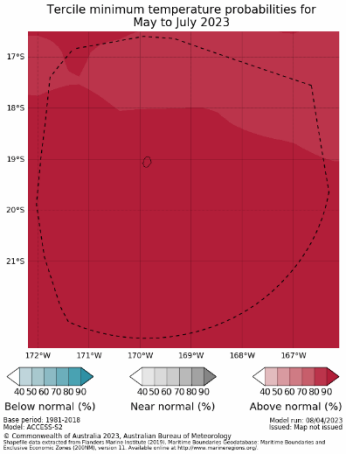
TABLE 1: Monthly Rainfall

Station (include data period)	Jan-2023	Feb-2023	Mar-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2023)	338.9	522.2	304.6	194.4	306.3	254.0	81/118

TABLE 2: Three-month Total Rainfall for January to March 2023

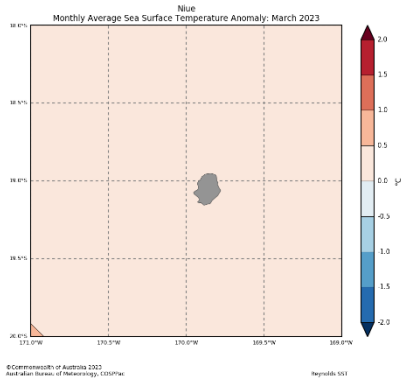
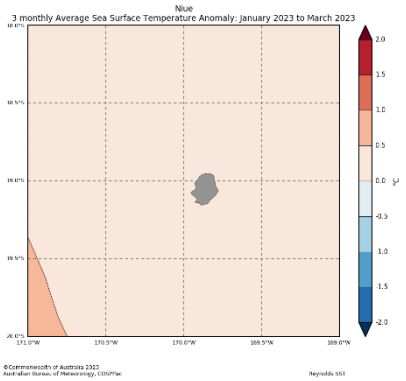
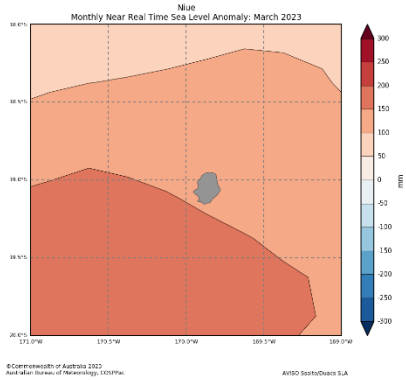
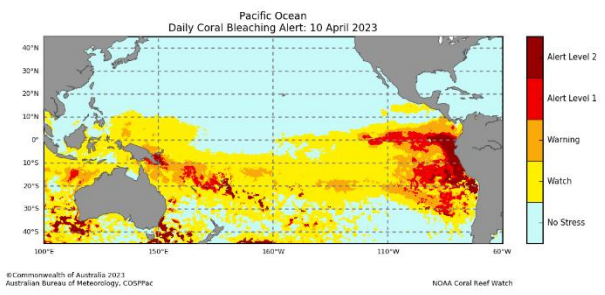
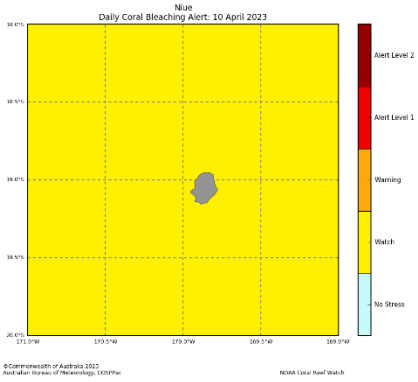
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Hanan Airport (1905-2023)	1165.7	Above normal	689.3	948.8	782.6	104/118

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

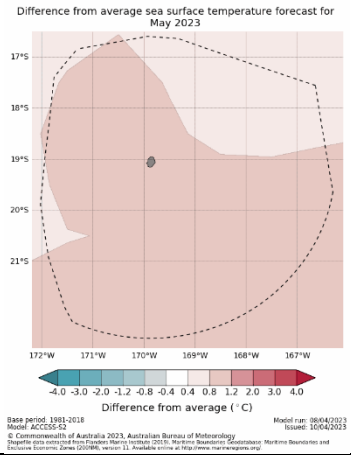
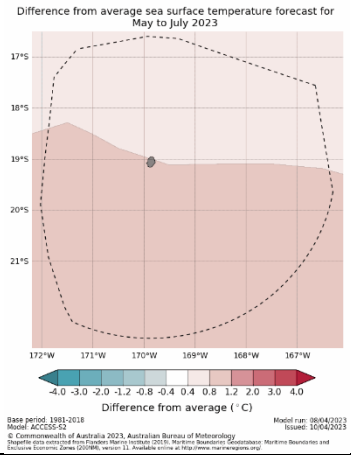
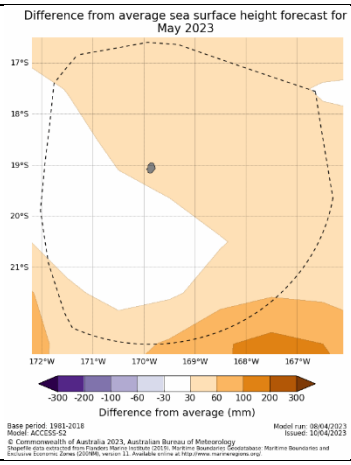
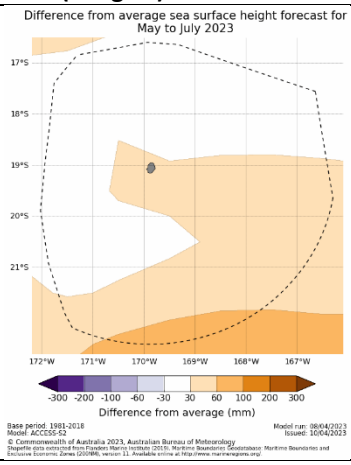
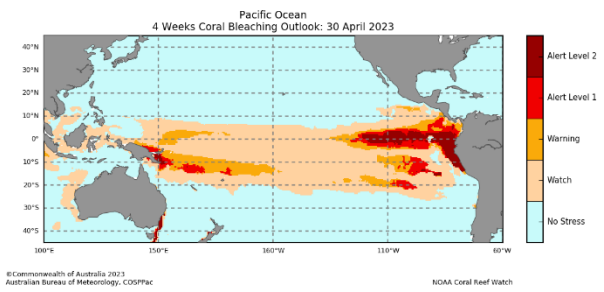
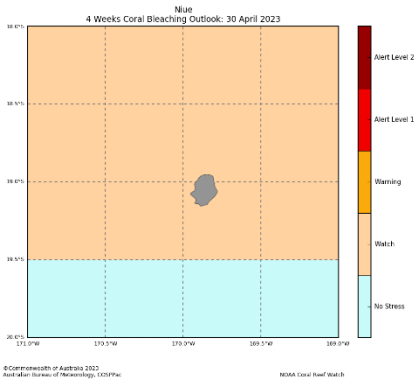
Monthly: May	Seasonal: May to July
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

Monthly/Three months: March and January to March 2023

Monthly: March	Last three months: January to March 2023:
Sea Surface Temperature (Image 1):	**Sea Surface Temperature (Image 4):**
	
Sea level (Image 2):	
	
Daily coral bleaching alert (Image 3):	
	

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

Monthly: May	Seasonal: May to July
Monthly sea surface temperature (Image 5):	**Seasonal sea surface temperature (Image 6):**
	
Monthly sea level (Image 7):	**Seasonal sea level (Image 8):**
	
4-week Coral Bleaching (Image 9):	
	

Summary Statement

Monthly and last three months: March 2023/January to March 2023 statement

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

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

Monthly /Seasonal rainfall and temperature Outlook statements

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

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

Part 2: Recent Ocean summary statement

Monthly and last three months: March 2023/January to March 2023

March ocean temperatures were near-normal of up to 0.5°C.

Averaged over January to March, ocean temperatures were above normal by up to 0.5°C.

March sea levels around Niue were above normal by up to 200mm.

Coral bleaching is on "Watch" status for Niue waters.

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

Ocean Variable statement

May ocean temperatures around the main island is predicted to be above normal, within 0.8 degrees of average in May.

Averaged over May to July, ocean temperatures are predicted to be above normal ranging from 0.8 to 1.2 degrees.

Monthly and seasonal sea levels are forecasted to be near normal around Niue, increasing to 30 to 200mm above normal in the southeast of the EEZ.

Coral bleaching outlook for the next four weeks reveals 'Watch to No Stress' status for Niue.

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

Product	Date: March 2023	Stakeholder	Total Number of Participants	Number of males	Number of females
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	22/03/23 23/03/23	Niue Women Council	30	3	27
Ocean Outlook					
Climate data request					
		Total	**30**	**3**	**27**