# **Country: Tuvalu**

# Part 1: Recent climate

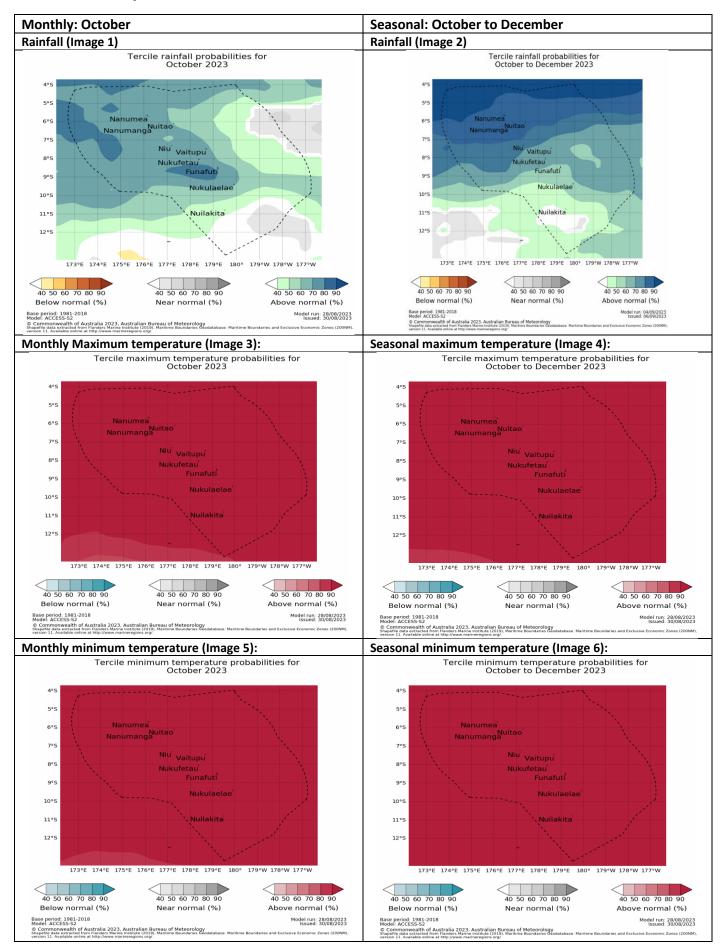
# TABLE 1: Monthly Rainfall

	Jun-2023	Jul-2023	Aug-2023				
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nalik
Nanumea (1941-2023)	104.2	123.5	136.0	147.4	213.2	184.7	21/82
Nui (1946-2023)	109.5	156.1	117.8	141.2	263.1	192.6	17/78
Funafuti (1933-2023)	74.1	289.0	106.0	189.9	296.9	221.9	9/91
Niulakita (1953-2023)	60.5	99.4	375.3	147.0	259.3	218.0	63/71

# TABLE 2: Three-month Total Rainfall for June to August 2023

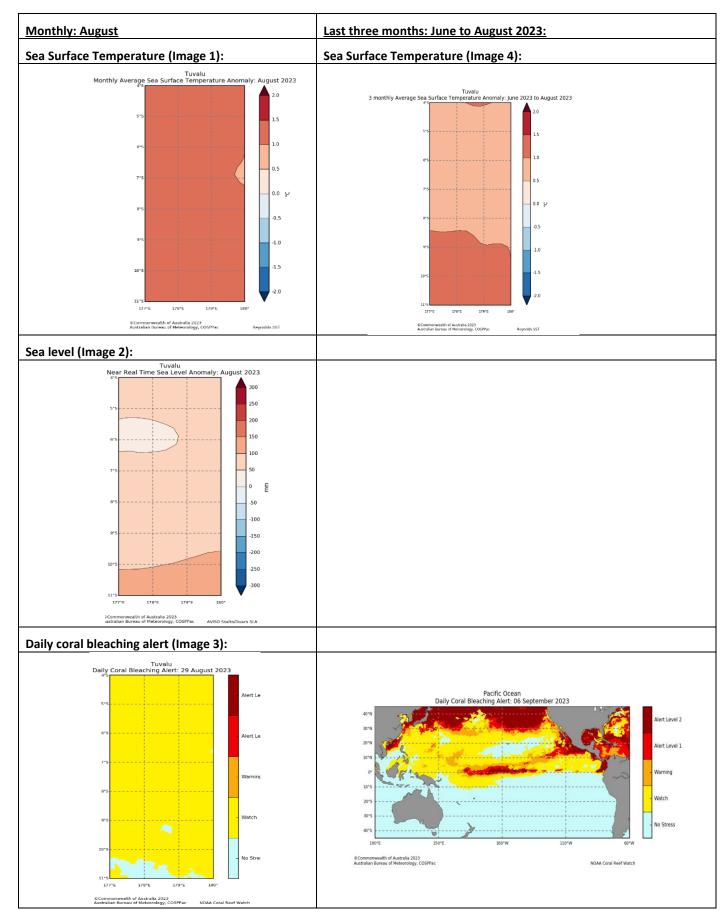
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Nanumea (1941-2023)	363.7	Below normal	426.9	704.3	534.7	18/82	
Nui (1946-2023)	383.4	Below normal	486.2	728.0	646.5	15/78	
Funafuti (1933-2023)	469.1	Below normal	586.1	807.1	711.0	15/91	
Niulakita (1953-2023)	535.2	Below normal	538.4	757.8	623.8	23/71	

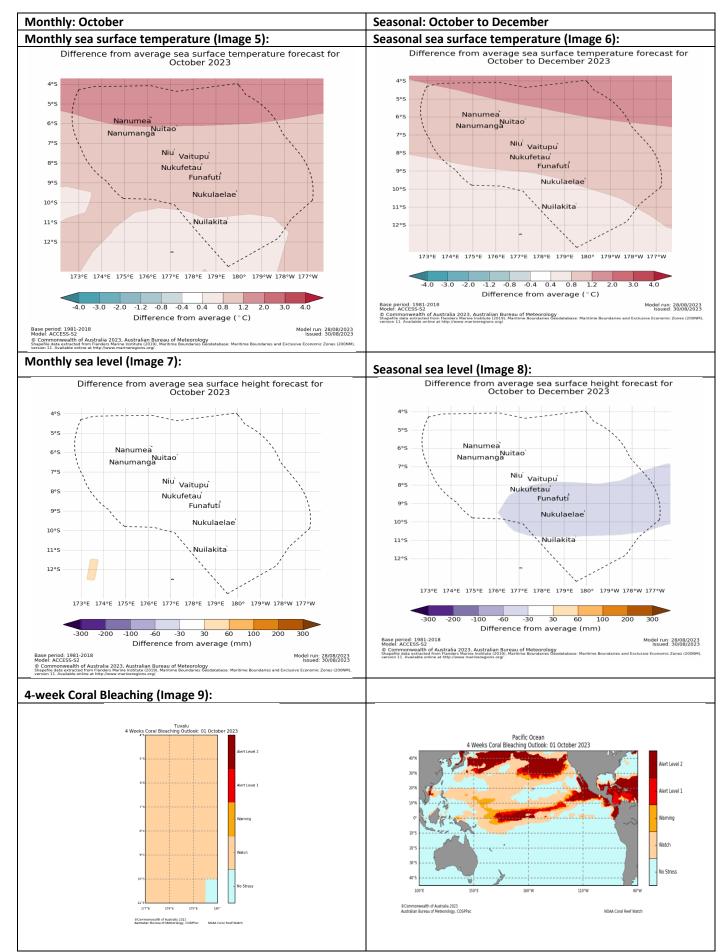
### Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023



## Part 2: Recent Ocean Observation

#### Monthly/Three months: August and June to August 2023





# Part 2i. Monthly and Seasonal Outlooks for October and October to December 2023

### **Summary Statement**

#### Monthly and last three months: August 2023/June to August 2023 statement

The rainfall for August and June to August was mainly below normal over, Tuvalu. The only exception was at Niulakita where August rainfall above normal.

### Part 1i. Monthly and Seasonal Outlooks for October and October to December 2023

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

The rainfall for October and for October to December is likely or very likely to be above normal over Tuvalu.

Maximum and minimum temperatures during October and averaged over October to December are likely or very likely to be above normal over Tuvalu.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: August 2023/June to August 2023

August ocean temperatures around Tuvalu groups were 1.0 to 1.5°C above normal, with a very little portion of 0.5 to 1.0°C in the Eastern part of Tuvalu EEZ.

Averaged over June to August, ocean temperatures at the Northern and Central group were 0.5 to 1.0°C above normal, while for the Southern group of Tuvalu was 1.0 to 1.5°C above normal.

August sea levels in the Northern and Central group of Tuvalu were 50mm to 100mm above normal. In the Southern group of Tuvalu, the sea level rise was 100mm to 150mm above normal, and near normal at the North-West side of Tuvalu.

Coral Bleaching Alert reveals watch status around Tuvalu waters.

### Part 2i. Monthly and Seasonal Outlooks for October and October to December 2023

#### **Ocean Variable statement**

October ocean temperatures at Northern group are predicted to be 0.8 to 2.0°C above normal. In the Central and Southern group are predicted to be 0.8 to 1.2°C above normal, with exception of Niulakita is predicted to be 0.4 to 0.8°C above normal.

Averaged over October to December, ocean temperatures around the Northern, Central and Southern Group are predicted to be 0.8 to 1.2°C above normal with exception of Niulakita predicted to be 0.4 to 0.8°C above normal.

October sea levels around Tuvalu are predicted to be -30mm to 30mm near normal.

Averaged over October to December, sea levels in the Northern and Central group are predicted to be -30mm to 30mm near normal and for the Southern group are predicted to be -30 to -60mm above normal.

Coal Bleaching Outlook on watch status across most of Tuvalu for the next four weeks.

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

Product	Date: August 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin	31 <sup>st</sup> August	MET Staff	24	13	11	
		Disaster Dept	2	2		
		TRC	2		2	
		TuCAN	1	1		
		Agriculture	2		2	
		All Civil Servants	All Staff			
		All-Kaupule Secretary	13	7	6	
EAR Watch	31st August	MET Staff	24	13	11	
		Disaster Dept	2	2		
		TRC	2		2	
		TuCAN	1	1		
		Agriculture	2		2	
		All Civil Servants	All Staff			
		All-Kaupule Secretary	13	7	6	
Monthly Climate Briefing						
Ocean Outlook	31st August	MET Staff	24	13	11	
		Disaster Dept	2	2		
		TRC	2		2	
		TuCAN	1	1		
		Agriculture	2		2	
		All Civil Servants	All Staff			
		All-Kaupule Secretary	13	7	6	
Climate data request						
		Total	132	69	63	