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

Country: Tuvalu

Part 1: Recent climate

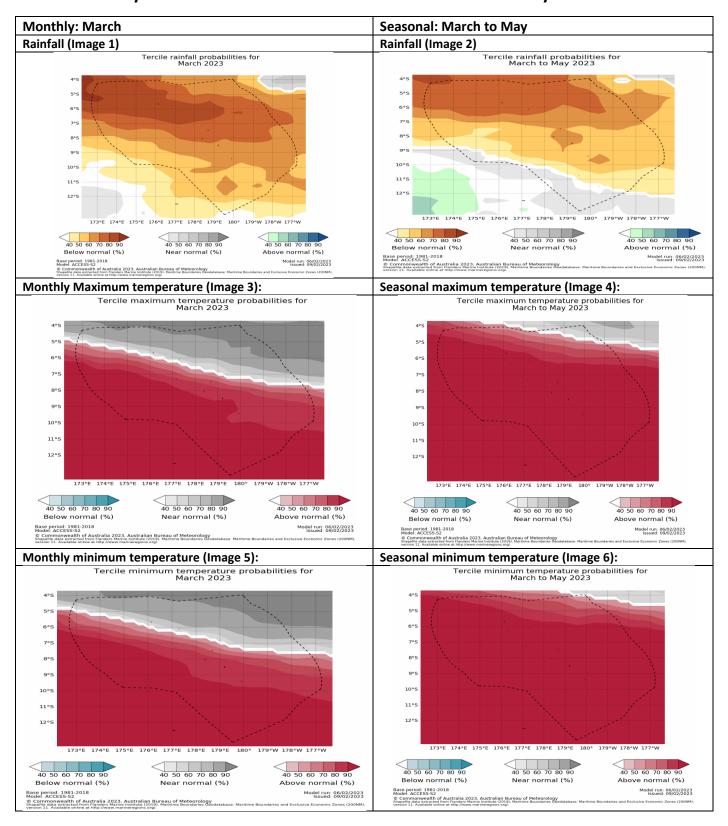
TABLE 1: Monthly Rainfall

	Nov- 2022	Dec- 2022	Jan-2023				
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)			Nalik	
Nanumea (1941-2023)	29.9	172.9	80.6	243.1	388.0	328.8	8/83
Nui (1946-2023)	206.2	268.7	196.8	243.8	446.0	323.1	13/78
Funafuti (1933-2023)	124.7	331.9	250.4	308.7	446.5	383.8	17/91
Niulakita (1953-2023)	187.8	337.4	129.8	309.6	442.4	381.0	5/70

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

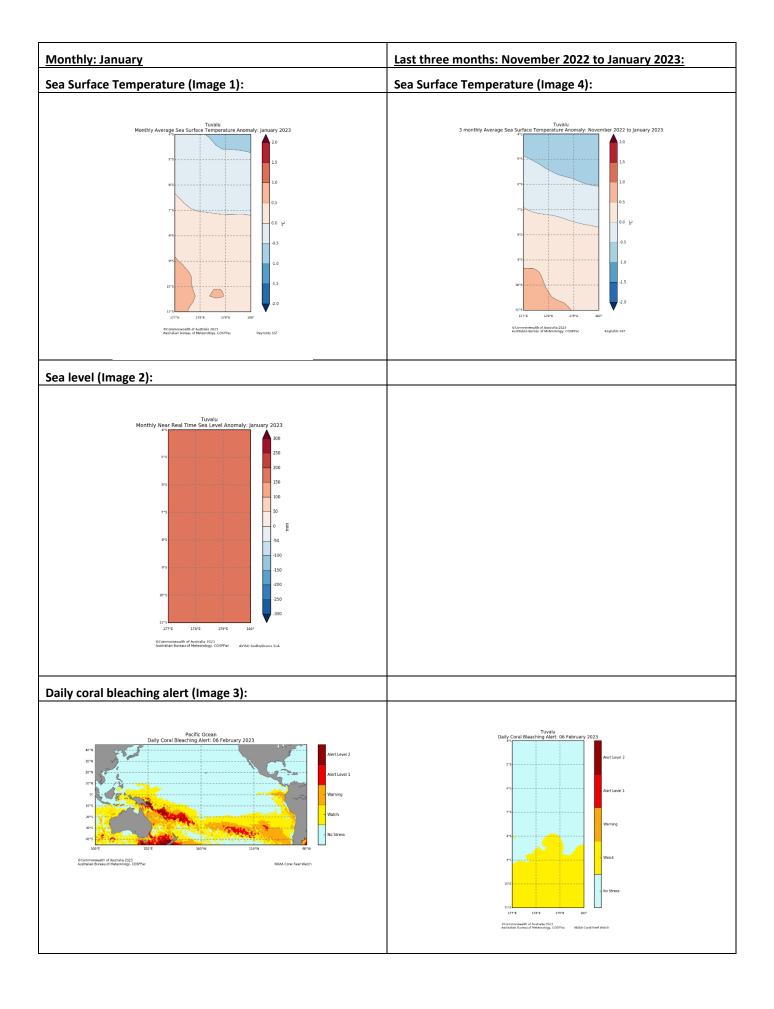
Station	Three-r	month Total	33%tile	67%tile	Median	Rank
Nanumea (1941-2023)	283.4	Below normal	581.9	996.3	868.0	11/80
Nui (1946-2023)	671.7	Below normal	817.1	1090.7	936.1	18/77
Funafuti (1933-2023)	707.0	Below normal	934.6	1144.4	1018.6	9/90
Niulakita (1953-2023)	655.0	Below normal	842.3	1141.5	1035.1	7/68

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

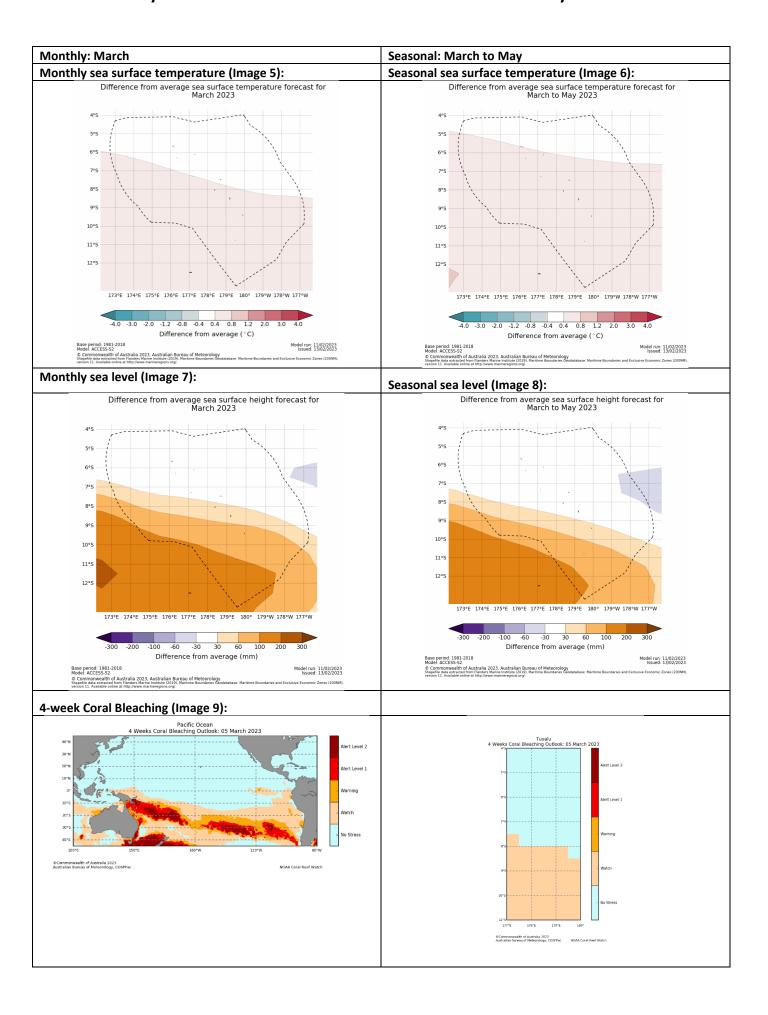


Part 2: Recent Ocean Observation

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

Below normal observed across the country for January 2023 and November 2022 to January 2023. Nanumea recorded its eight driest January while Niulakita recorded its fifth driest.

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

Monthly /Seasonal rainfall and temperature Outlook statements

Rainfall across Tuvalu during March and March to May is likely or very likely to be below normal, especially over the northern islands.

Monthly maximum and minimum temperatures are likely to be near-normal at Nanumea, but over remaining islands, temperatures are very likely to be above normal.

Seasonal maximum and minimum temperature are very likely to be above normal over the whole country.

Part 2: Recent Ocean summary statement

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

The sea surface temperature for January and the last three months, November to January, reveals near normal SSTs for Tuvalu.

The sea level anomaly for January were above normal with sea level height differences of up to 150mm.

Coral bleaching reveals Watch status for the southern part of Tuvalu.

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

Ocean Variable statement

The monthly sea surface temperature outlooks for March predict near-normal SSTs in the northeast half of the country, and 0.4 to 0.8 °C above normal in the southwest half. The seasonal sea surface temperature outlooks for March to April predict 0.4 to 0.8 above normal for majority of Tuvalu.

Monthly and seasonal sea levels are forecast to be near-normal for the northern group, with southwest region forecast to be above normal ranging from 100 to 200mm.

Coral bleaching outlook reveals Watch status for the southern part of Tuvalu.

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

Product	Date: January 2023	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin		MET Staffs	22	17	5
		Disaster Dept	2	2	
		TRC	2	1	1
		TuCAN	1	1	
		Agriculture	2		2
		All Civil Servants			
		All Kaupule Secretary			
EAR Watch		MET Staffs	22	17	5
		Disaster Dept	2	2	
		TRC	2	1	1
		TuCAN	1	1	
		Agriculture	2		2
		All Civil Servants			
		All Kaupule Secretary			
Monthly Climate		MET Staffs	22	17	5
Briefing		Disaster Dept	2	2	
		TRC	2	1	1
		TuCAN	1	1	
		Agriculture	2		2
		All Civil Servants			
		All Kaupule Secretary			
Ocean Outlook		MET Staffs	22	17	5
		Disaster Dept	2	2	
		TRC	2	1	1
		TuCAN	1	1	
		Agriculture	2		2
		All Civil Servants			
		All Kaupule Secretary			
Climate data request		FatoagaFiafia(James)	1	1	
		Total	115	85	32