## **Country: Tonga**

## Part 1: Recent climate

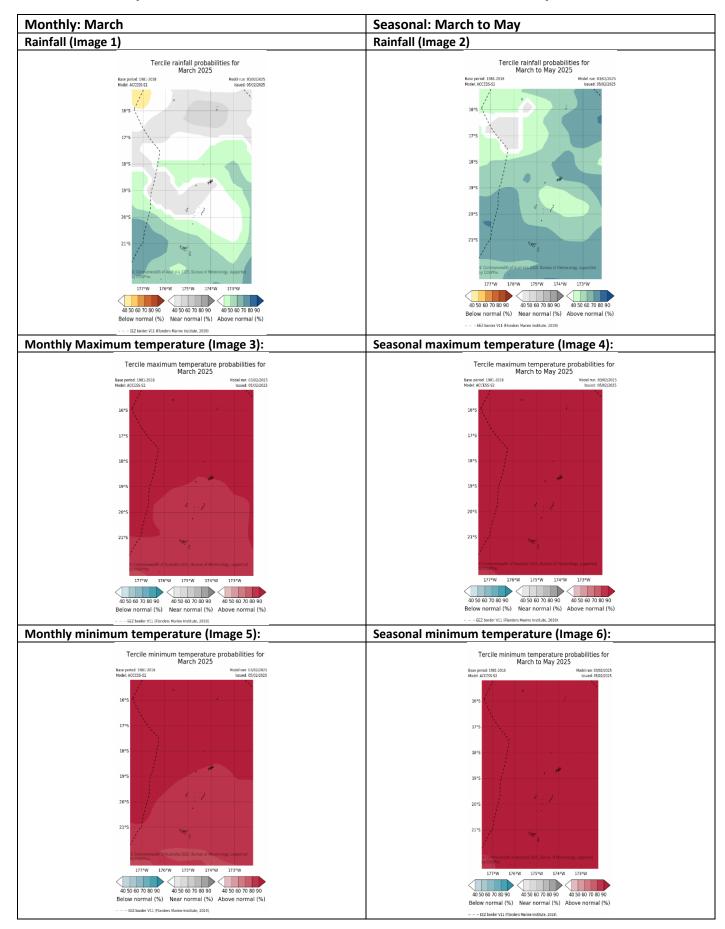
## TABLE 1: Monthly Rainfall

	Nov- 2024	Dec- 2024	Jan-2025						
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank		
	Total (mm)	Total (mm)		Ndlik					
Northern Division									
Niuafo'ou (1971-2025)				209.3	359.7	244.2			
Niuatoputapu (1947-2025)	156.0	141.1	623.9	210.9	296.0 239.5		78/78		
Central Division									
Vava'u (1947-2025)	155.6	272.2	249.6	173.0	313.5	244.0	40/79		
Ha'apai (1947-2025)	(1947-2025) 84.7 135.4 178.8 124.3 250.8 195.4		35/79						
Southern Division									
Fua'amotu (1979-2025)	145.0	162.0	236.7	132.6	304.2 200.8		26/46		
Nuku'alofa (1944-2025)	126.0	107.5	121.0	129.5	257.7	198.0	27/81		

TABLE 2: Three-month Total Rainfall for November 2024 to January 2025

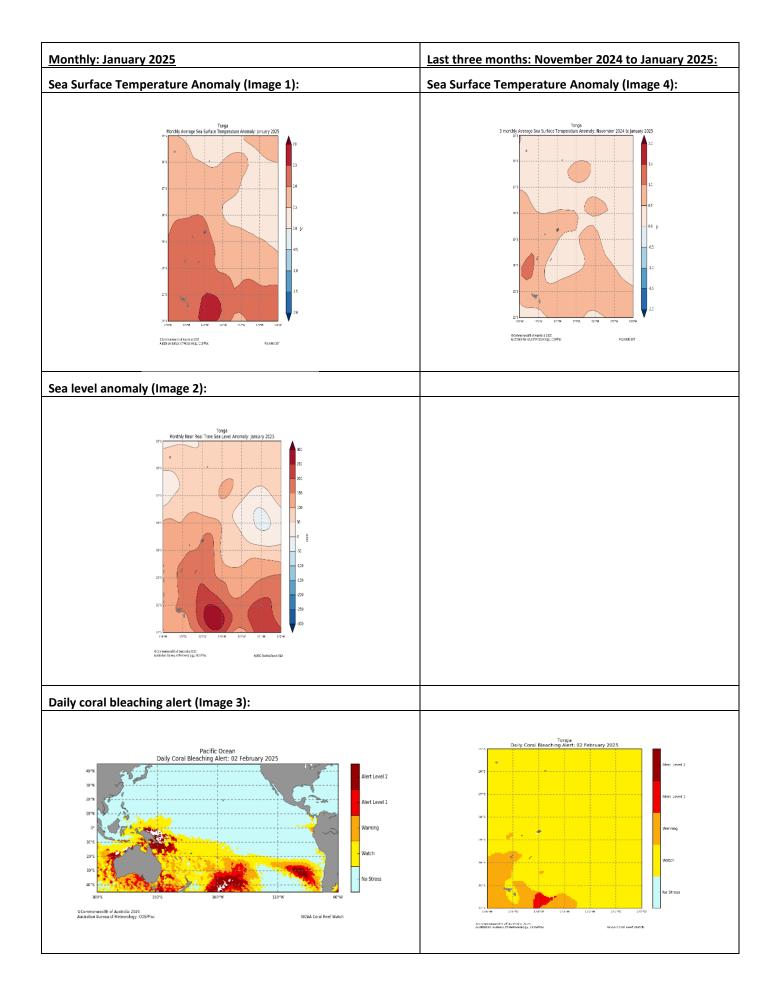
Station	Three-month Total		33%tile	67%tile	Median	Rank			
Northern Division									
Niuafo'ou (1971-2025)	N/A	N/A	691.9	950.0	783.0				
Niuatoputapu (1947- 2025)	921.0	Above normal	584.6	833.7	745.0	56/73			
Central Division									
Vava'u (1947-2025)	677.4	Normal	474.2	813.0	638.5	41/78			
Ha'apai (1947-2025)	398.9	Normal	326.5	570.9	457.5	33/78			
Southern Division									
Fua'amotu (1979-2025)	543.7	Normal	392.1	633.8	482.9	26/45			
Nuku'alofa (1944-2025)	354.5	Normal	325.3	575.3	435.8	30/81			

### Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

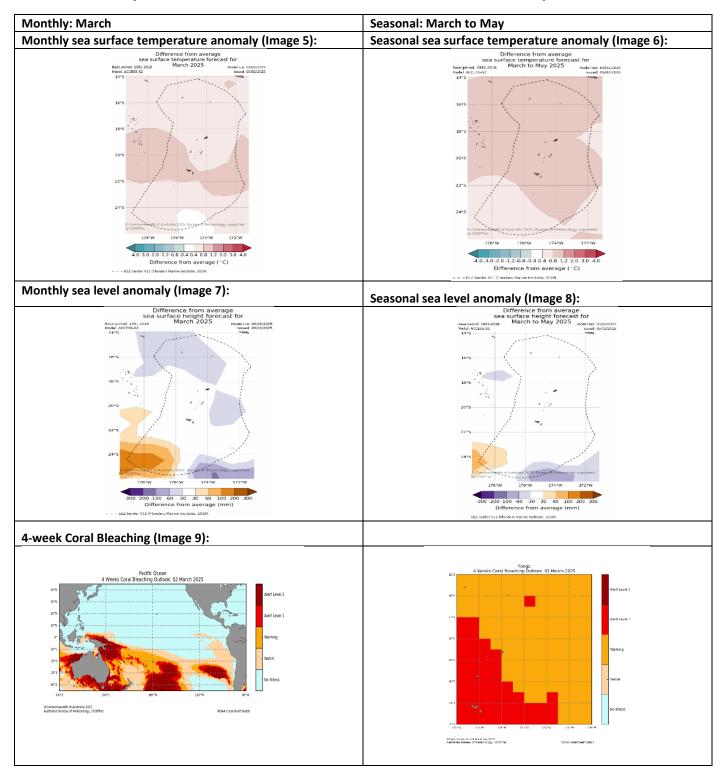


### Part 2: Recent Ocean Observation

#### Monthly/Three months: January 2025 and November 2024 to January 2025



# Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025



### **Summary Statement**

#### Monthly and last three months: January 2025/November 2024 to January 2025 statement

January 2025 rainfall was below normal rainfall was recorded at Nuku'alofa, normal rainfall was recorded at Vava'u, Ha'apai and Fua'amotu, while above normal recorded at Niuatoputapu. Niuatoputapu recorded its highest January rainfall on record.

November 2024 to January 2025 rainfall was above normal for Niuatoputapu, and normal for the rest of country.

### Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

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

Rainfall in March is likely to be above normal for Tongatapu and part of the central division, while near normal rainfall likely over Niuatoputapu and part of the central division. Rainfall over March to May is like to be above normal over northern Tonga, and very likely to be above normal over southern Tonga.

Maximum and minimum temperatures March and averaged over March to May is very likely to be above normal across the country.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: January 2025/November 2024 to January 2025

January sea surface temperatures around Tonga were utmost 0.0 to 1.5°C above normal.

Averaged over November 2024 to January 2025, sea surface temperatures around Tonga were utmost 0.0 to 1.0°C above normal.

January sea levels were 50 to 250mm above normal

A Coral Bleaching Alert is on "Warning" for the group.

### Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025

#### **Ocean Variable statement**

March sea surface temperatures around Tonga are predicted to be 0.4 to 1.2°C above normal.

Averaged over March to May, sea surface temperatures around Tonga are predicted to be 0.8 to 1.2°C above normal.

March and averaged over March to May, sea levels around –the main groups are –30 to 30mm near-normal.

Coral Bleaching outlook indicates Alert Level 1 status for the next 12 weeks.

#### In brief for Teleconference

• Rainfall was mostly normal for January, and November to January period.

- The rainfall outlook generally indicates little guidance to near normal rainfall over the northern Tonga and central Tonga, while above normal rainfall likely over southern Tonga in March. The outlook is very likely to be above normal for Tonga in March to May
- SSTs were above normal for January and November to January. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Near normal sea levels are predicted for March and March to May.
- Coral Bleaching 4-week outlook shows an "Alert Level 1"

### TABLE 3: Stakeholder Engagement- Evaluations of how effectormal ive NMS engage with stakeholders

Product	Date: January 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin	3 January.	Government Ministries, NGOs,Media ,Private Sector	225	188	37			
EAR Watch								
Monthly Climate Briefing								
Ocean Outlook	3 Jan.	Government Ministries, NGOs,Media ,Private Sector	225	188	37			
Climate data request								
Total			450	376	74			