Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 215

Country: Tonga

Part 1: Recent climate

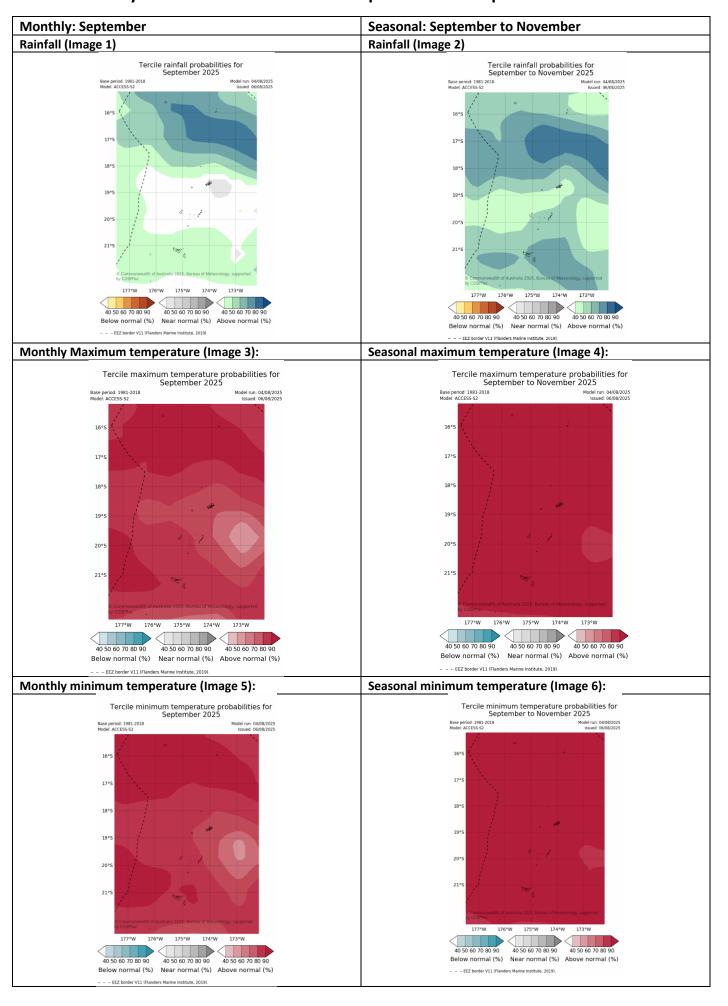
TABLE 1: Monthly Rainfall

	May- 2025	Jun-2025	Jul-2025						
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank		
	Total (mm)	Total (mm)		Kalik					
Northern Division									
Niuafo'ou (1971-2025)	n/a	n/a	57.0	60.1	146.9	101.0	18/54		
Niuatoputapu (1947-2025)	350.9	141.6	72.0	60.3	126.8	92.0	32/79		
Central Division									
Vava'u (1947-2025)	305.2	284.6	127.1	66.0	121.1	84.0	54/79		
Ha'apai (1947-2025)	329.5	126.6	77.4	55.0	99.6	69.5	43/79		
Southern Division									
Fua'amotu (1979-2025)	268.6	69.2	83.6	65.0	135.7	96.5	21/46		
Nuku'alofa (1944-2025)	187.0	57.0	54.0	63.3	111.7	80.0	20/81		

TABLE 2: Three-month Total Rainfall for May to July 2025

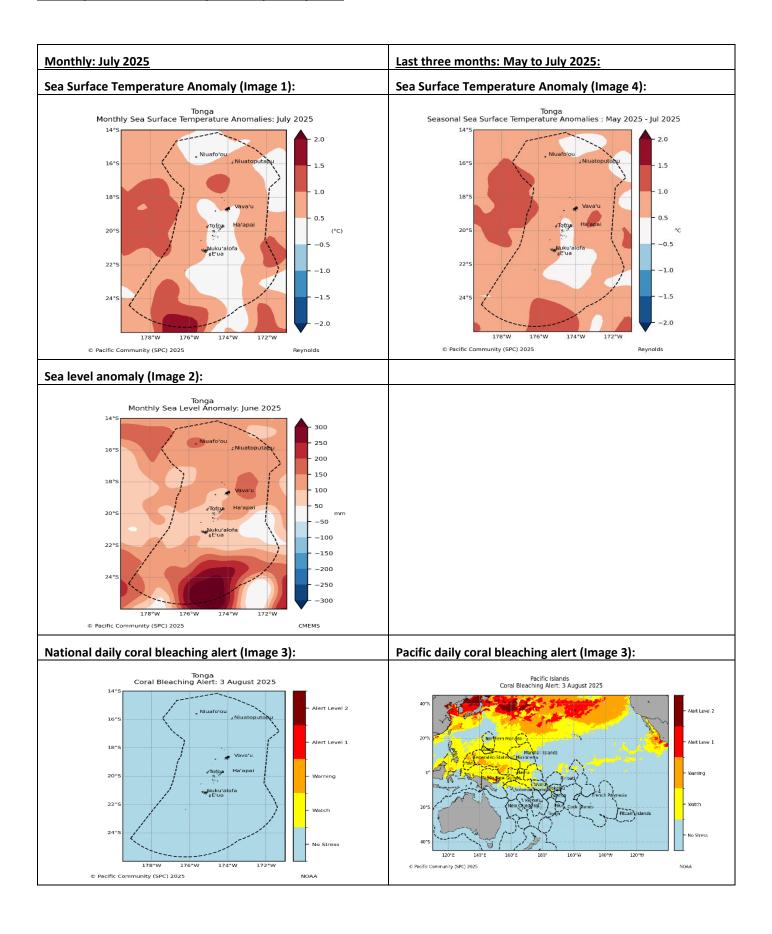
Station	Three-month Total		33%tile	67%tile	Median	Rank			
Northern Division									
Niuafo'ou (1971-2025)	n/a								
Niuatoputapu (1947- 2025)	564.5	Above normal	320.7	423.0	364.2	63/75			
Central Division									
Vava'u (1947-2025)	716.9	Above normal	305.0	409.4	365.0	76/79			
Ha'apai (1947-2025)	533.5	Above normal	216.3	320.5	252.7	73/78			
Southern Division									
Fua'amotu (1979-2025)	421.4	Normal	263.9	441.7	366.0	27/46			
Nuku'alofa (1944-2025)	298.0	Normal	244.0	343.2	298.0	40/81			

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2025

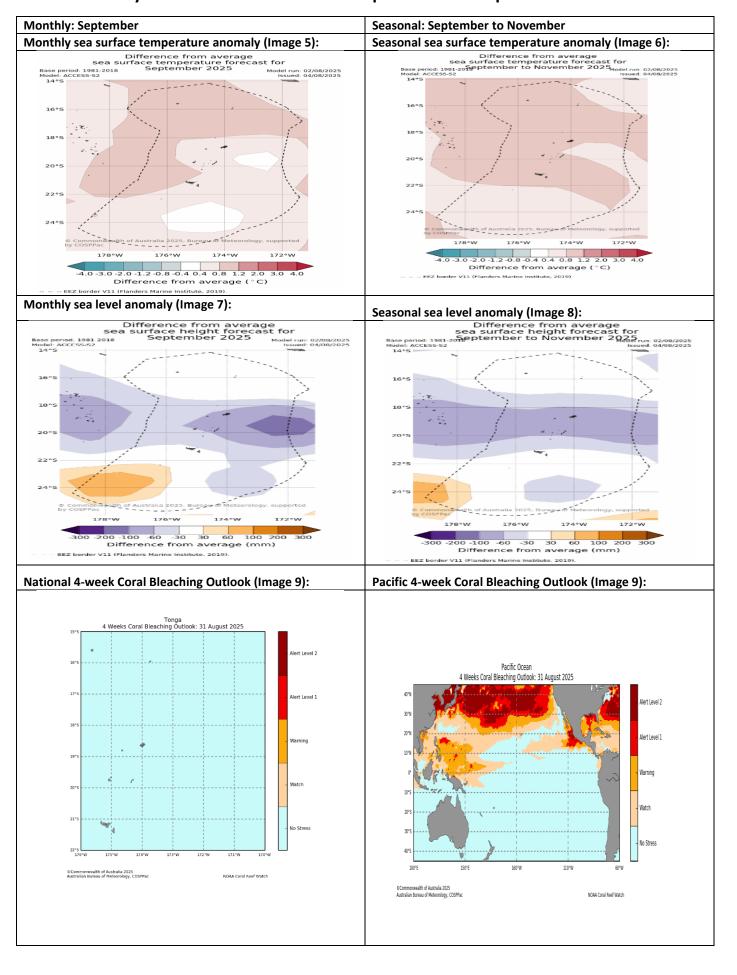


Part 2: Recent Ocean Observation

Monthly/Three months: July and May to July 2025



Part 2i. Monthly and Seasonal Outlooks for September and September to November 2025



Summary Statement

Monthly and last three months: July 2025/May to July 2025 statement

The rainfall for July was above normal at Vava'u, near normal rainfall at Niuatoputapu, Ha'apai and Fua'amotu. Below normal rainfall was recorded at Niuafo'ou and Nuku'alofa.

May to July rainfall was above normal at Niuatoputapu, Vava'u and Ha'apai, near normal for Fua'amotu and Nuku'alofa. Vava'u recorded its fourth and Ha'apai its sixth highest May to July rainfall on record.

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for September 2025 is for above normal for Niuatoputapu and Niuafo'ou and likely to be near normal to normal for Nuku'alofa, Fua'amotu, Ha'apai and Vava'u.

The rainfall for September to November is likely to be above normal over Tonga.

Maximum and minimum temperatures for September and September to November are likely to be above normal for all of Tonga.

Part 2: Recent Ocean summary statement

Monthly and last three months: July 2025/May to July 2025

July and averaged over May to July sea surface temperatures (SSTs) around Tonga were near normal to 0.5 to 1.0°C above normal.

July sea levels around Tonga were 50 to 200mm above normal.

The coral bleaching alert as at 3rd August shows "No Stress".

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2025

Ocean Variable statement

September and averaged over September to November sea surface temperatures around Tonga are predicted to be 0.4 to 1.2°C above normal.

September and averaged over September to November sea levels around Tonga are predicted to be near normal to 30 to 100mm below normal.

Coral Bleaching outlook indicates "No Stress" status for the next 4 weeks.

In brief for Teleconference

- Rainfall was generally below normal to normal in July while mostly above normal for July.
- The rainfall outlook is generally very likely to be above normal in September and over September to November.
- SSTs were near-normal to above normal for July and May to July. The outlook shows above normal SSTs for the next one and three months.

• Sea levels were above normal for July. Below normal to near normal sea levels are predicted for September and September to November.

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

Product	Date: July 2025	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin	18 th July	Government Ministries, NGO's, Media Private Sector	226	188	37			
Health Products	4 th , 11 th , 18 th , 25 th	Ministry of Health						Weekly Weather & Climate Outlook Briefing # 16,17,18,19, 20, 21 in support to the Ministry of Health on the Declaration of the Dengue Fever Outbreak in Tonga
Monthly Climate Briefing								iii Tonga
Ocean Outlook	18 th July	Government Ministries, NGO's, Media Private Sector	226	188	37			
Climate data request								Requests, made from various governments departments and media for various elements of the climate data especially extreme rain e vents etc
		Total	452	376	74			