

Country: **Tonga**

Part 1: Recent climate

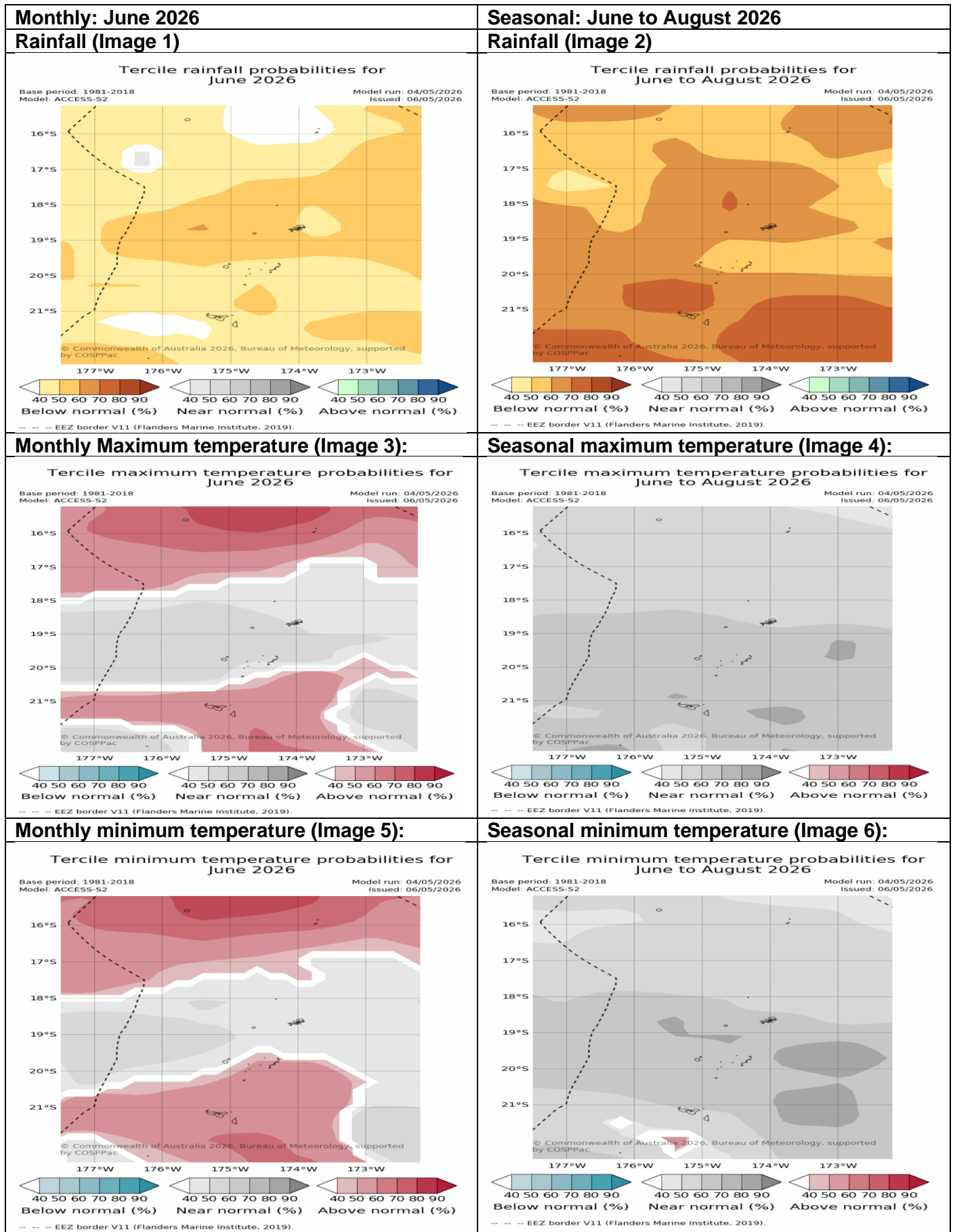
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2026	Mar-2026	Apr-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Northern Division							
Niufo'ou (1971-2026)	253.0	274.0	113.5	179.0	274.7	209.0	10/54
Niutoputapu (1947-2026)	217.4	138.3	80	160.3	297.3	214.5	7/76
Central Division							
Vava'u (1947-2026)	368.4	188.0	224.2	155.0	267.0	212.5	44/80
Ha'apai (1947-2026)	257.9	108.0	111.4	112.0	224.5	165.0	27/80
Southern Division							
Fua'amotu (1979-2026)	285.7	319.5	114.6	97.0	238.1	172.5	19/47
Nuku'alofa (1944-2026)	154.0	313.5	127.5	112.0	215.1	139.0	35/81

TABLE 2: Three-month Total Rainfall for February to April 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Northern Division						
Niufo'ou (1971-2026)	640.5	Below normal	719.0	934.0	853.8	12/50
Niutoputapu (1947-2026)	517.3	Below normal	685.0	835.8	755.0	10/74
Central Division						
Vava'u (1947-2026)	780.6	Normal	713.0	958.8	831.6	34/80
Ha'apai (1947-2026)	477.3	Below normal	547.1	723.6	661.6	15/80
Southern Division						
Fua'amotu (1979-2026)	719.8	Normal	505.0	790.5	626.8	31/47
Nuku'alofa (1944-2026)	595.0	Normal	559.3	739.7	632.8	36/81

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2026



Part 2: Recent Ocean Observation

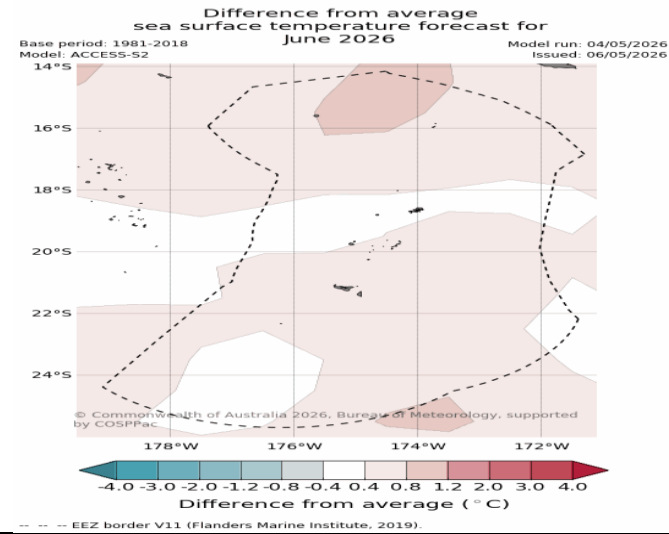
Monthly/Three months: April and February to April 2026

Monthly: April 2026	Last three months: February to April 2026
<p>Sea Surface Temperature Anomaly (Image 1):</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>
<p>Sea level anomaly (Image 2):</p> <p>© Pacific Community (SPC) 2025 E.U. Copernicus Marine Service Information: https://doi.org/10.48670/moi-00149</p>	
<p>National daily coral bleaching alert (Image 3):</p> <p>© Pacific Community (SPC) 2025 NOAA</p>	<p>Pacific daily coral bleaching alert (Image 5):</p> <p>© Pacific Community (SPC) 2025 NOAA</p>

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2026

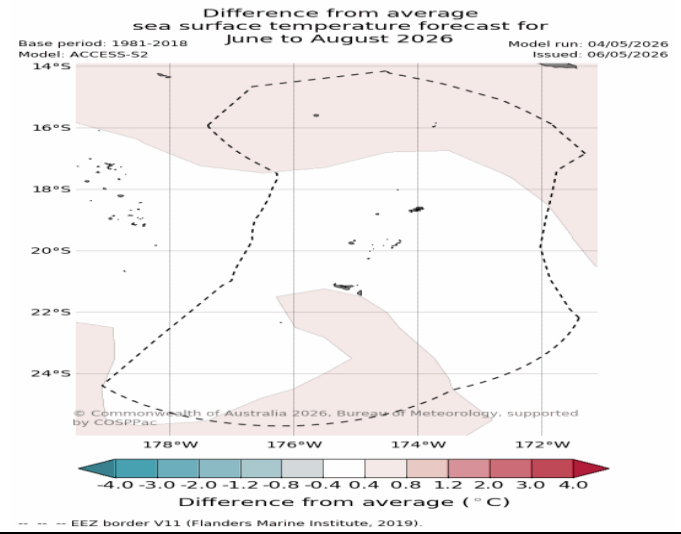
Monthly: June 2026

Monthly sea surface temperature anomaly (Image 5):

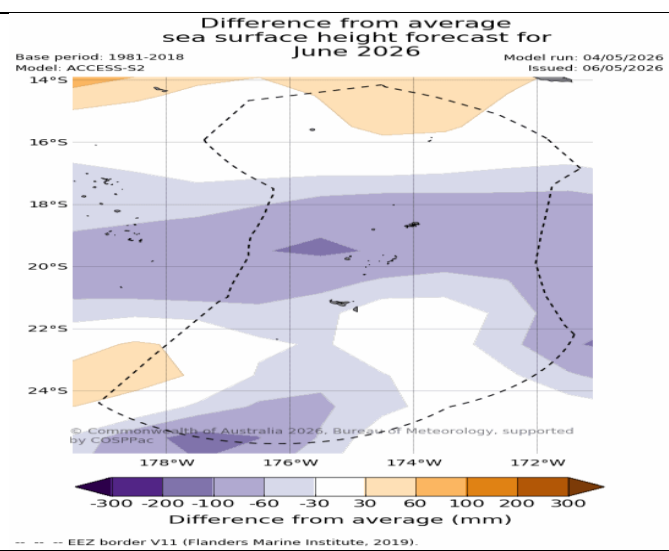


Seasonal: June to August 2026

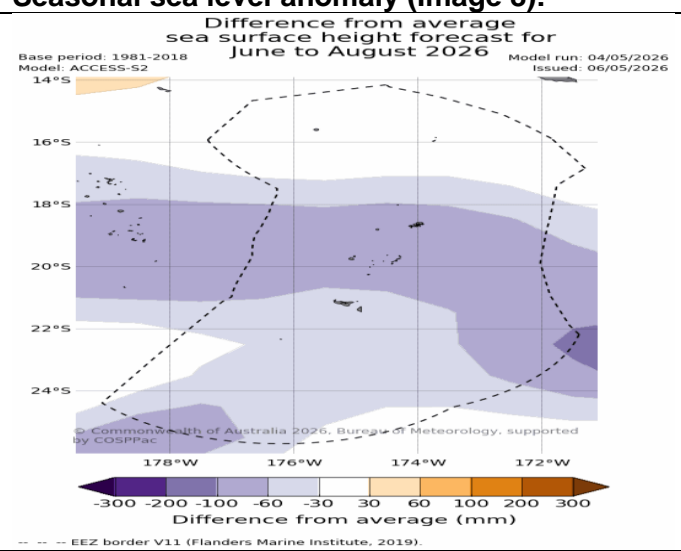
Seasonal sea surface temperature anomaly (Image 6):



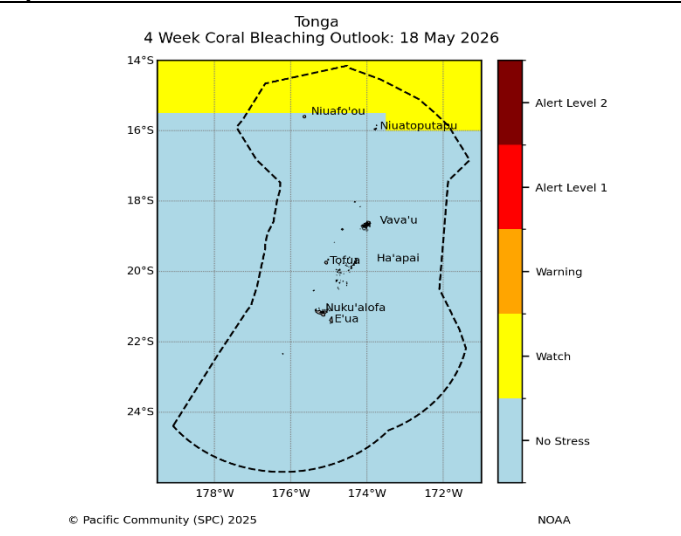
Monthly sea level anomaly (Image 7):



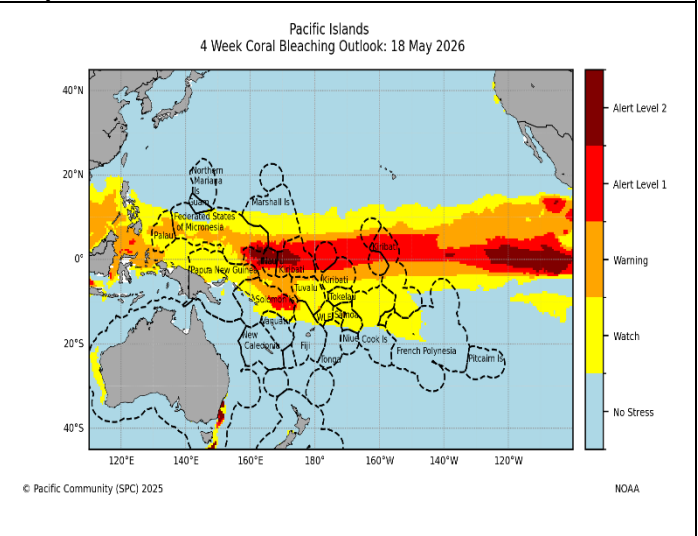
Seasonal sea level anomaly (Image 8):



National 4-week Coral Bleaching Outlook (Image 9):



Pacific 4-week Coral Bleaching Outlook (Image 10):



Summary Statement

Monthly and last three months: April/February to April 2026 statement

The rainfall for April was near-normal over Vava'u, Fua'amotu and Nuku'alofa and below normal over Niuafu'ou, Niuatoputapu and Ha'apai. For the past three months, rainfall was near-normal over Vava'u, Fua'amotu and Nuku'alofa and below normal over Niuafu'ou, Niuatoputapu and Ha'apai.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2026

Monthly/Seasonal rainfall and temperature Outlook statements

The rainfall for June 2026 is likely to be below normal over most of Tonga.

The rainfall for June to August 2026 is likely to be below normal over most of Tonga.

Maximum and minimum temperatures during June 2026 are likely to be near-normal over most of Tonga except Tongatapu and Ha'apai which are likely to be above normal.

Maximum and minimum temperatures averaged over June to August 2026 are likely to be near-normal over Tonga.

Part 2: Recent Ocean summary statement

Monthly and last three months: April/February to April 2026

April sea surface temperatures (SSTs) around Tonga were 0.8 to 2.0°C above normal.

Averaged over February to April 2026, sea surface temperatures around Tonga were 0.4 to 2.0°C above normal.

April sea levels around Tonga were 30 to 200 mm above normal.

A coral bleaching Watch status is currently in effect for Niuafu'ou and Niuatoputapu as of 10th of May, 2026.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2026

Ocean Variable statement

June 2026 sea surface temperatures around Tonga are predicted to be 0.4 to 0.8°C near-normal to above normal.

Averaged over June to August 2026, sea surface temperatures around Tonga are predicted to be 0.4 to 0.8°C near-normal to above normal.

June 2026 sea levels around Tonga are predicted to be 30 to 100mm near-normal to below normal.

Averaged over June to August 2026, sea levels around Tonga are predicted to be 30 to 100mm near-normal to below normal.

Coral Bleaching outlook indicates a No Stress status for the next 12 weeks.

In brief for Teleconference

- Rainfall was near-normal to below normal for April and February to April 2026, with Vava'u, Fua'amotu and Nuku'alofa recording near-normal rainfall, while Niuafo'ou, Niuatoputapu and Ha'apai were below normal.
- The rainfall outlook generally indicates below average rainfall most likely in June 2026 and also below average rainfall for June to August 2026.
- SSTs were above normal for April and February to April 2026. The outlook shows near-normal to above normal SSTs for both the next one month and three months.
- Sea levels were above normal during April, but below normal sea levels are predicted for June and June to August 2026.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (April 2026)


<i>Product</i>	<i>Stakeholder</i>	<i>Total Number of Participants</i>	<i>Number of Male</i>	<i>Number of Female</i>	<i>Disability</i>	<i>Age group</i>	<i>Comments (If there are comments from you Stakeholders)</i>
Climate Bulletin			32	42	3		
EAR Watch							
Monthly Climate Briefing							
Ocean Outlook			32	42	3		
Climate data request			3	1			
Outreach programs							
Total			67	85	6		

Stakeholder category	Do your products reach this group? (Y/N)	Tailored product? (Y/N)
Agriculture sector	Y	N
Disaster Risk Reduction sector	Y	N
Energy sector	Y	N
Health sector	Y	N
Water sector	Y	N
Fisheries and Aquaculture sector	Y	N
Tourism sector	Y	N
Maritime sector	Y	N
Research & education sector	Y	N
Women's [] organisations	Y	N
National disability organisations	Y	N
Community based organisations (e.g. councils)	Y	N
Products offered in local dialects/ languages	Y	N

Table 4: Impacts of Severe weather and climate events

Country: Tonga

ENSO Phase: La Nina

Synoptic Situation	Date	Type of Hazard	Impacts	Image	Latitude	Longitude	Sectors affected	No. of Deaths
Associated trough and strong winds linked to Tropical Cyclone Vaianu west of Fiji	8-10 April 2026	Heavy rain / strong winds / rough seas	<ul style="list-style-type: none"> • Periods of heavy rainfall, localized flooding in low-lying areas • strong winds • rough seas affecting marine transport and small craft operations • no major damage reported 	<p>Video 1</p>  <p>* TC Vaianu.mp4</p>	-21.139 -21.3858	-175.201 (Tongatapu) -174.9337 (Eua)	<ul style="list-style-type: none"> • Transport • Marine • Agriculture • Communities 	0