

Country: **Tonga**

Part 1: Recent climate

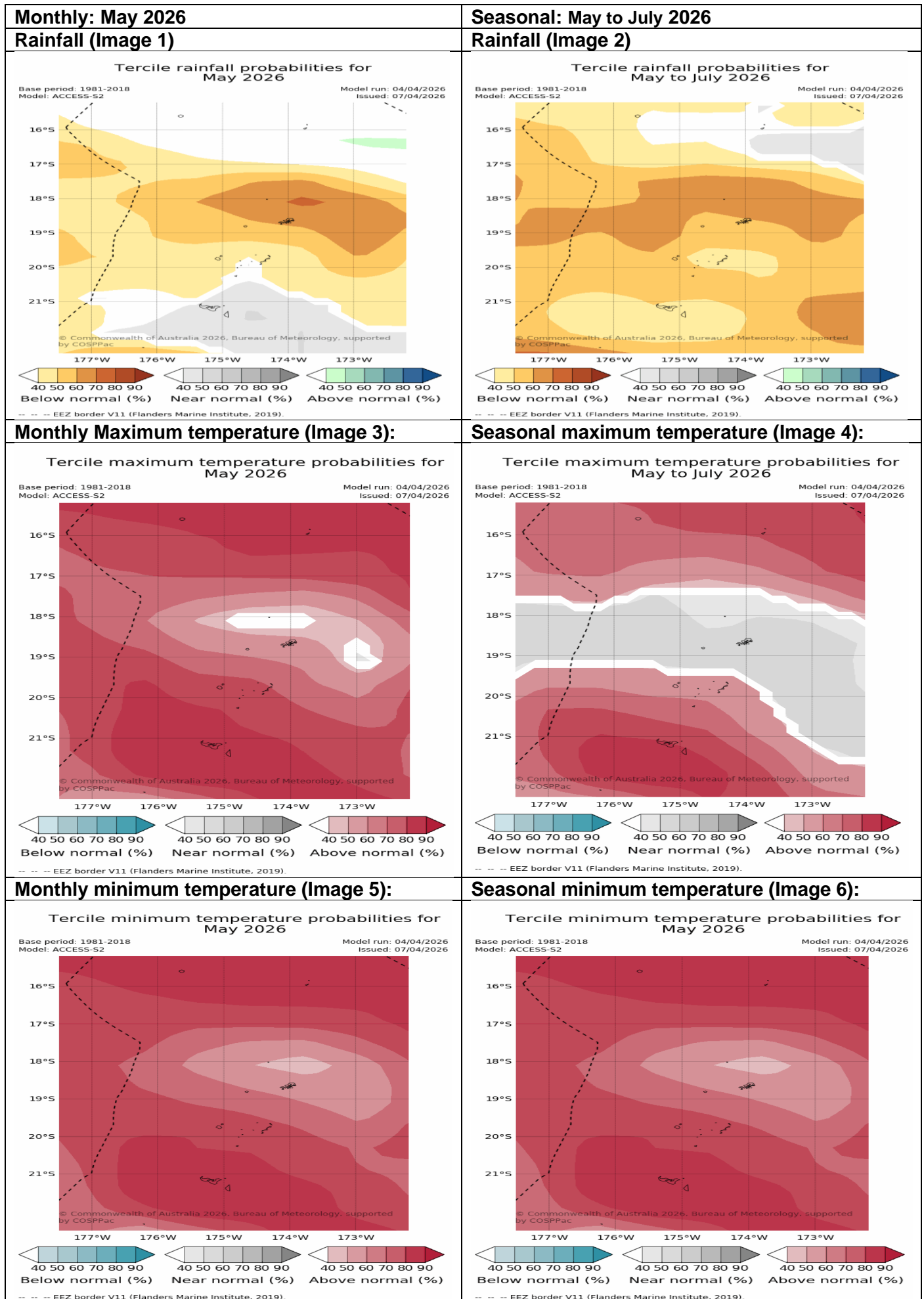
TABLE 1: Monthly Rainfall

Station (include data period)	Jan-2026	Feb-2026	Mar-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
<i>Northern Division</i>							
Niuafo'ou (1971-2026)	192.5	253.0	274.0	208.3	334.7	264.0	30/54
Niuaotoputapu (1947-2026)	118.8	263.5	206.0	172.7	269.3	225.0	36/76
<i>Central Division</i>							
Vava'u (1947-2026)	158.9	368.4	188.0	227.8	343.0	297.4	17/80
Ha'apai (1947-2026)	125.6	257.9	108.0	180.0	317.3	233.9	7/80
<i>Southern Division</i>							
Fua'amotu (1979-2026)	162.9	285.7	319.5	164.3	259.0	208.0	36/47
Nuku'alofa (1944-2026)	86.5	154.0	313.5	193.0	279.0	232.0	64/82

TABLE 2: Three-month Total Rainfall for January to March 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
<i>Northern Division</i>						
Niuafo'ou (1971-2026)	719.5	Normal	719.0	947.3	871.0	17/48
Niuaotoputapu (1947-2026)	588.3	Below normal	655.0	931.7	805.6	17/76
<i>Central Division</i>						
Vava'u (1947-2026)	715.3	Below normal	726.4	956.0	864.8	25/80
Ha'apai (1947-2026)	491.5	Below normal	566.3	790.0	661.2	18/80
<i>Southern Division</i>						
Fua'amotu (1979-2026)	768.1	Normal	484.0	838.0	741.4	27/47
Nuku'alofa (1944-2026)	554.0	Normal	529.9	854.0	702.5	33/82

Part 1i. Monthly and Seasonal Outlooks for May and May to July 2026



Part 2: Recent Ocean Observation

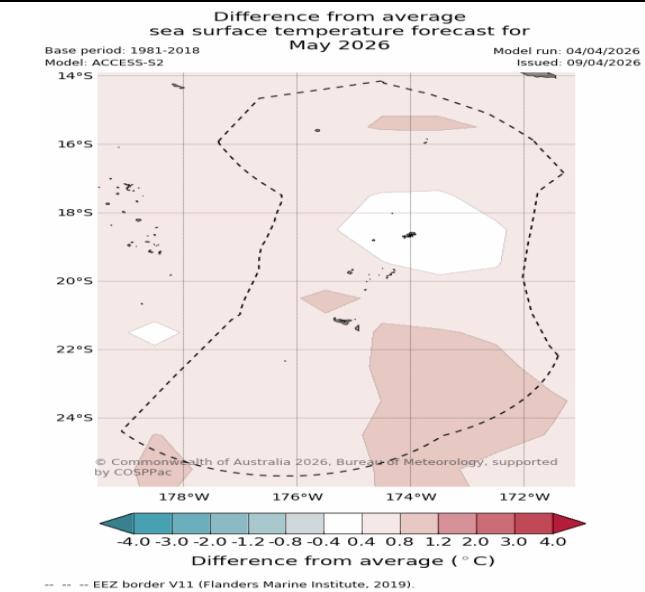
Monthly/Three months: March and January to March 2026

Monthly: March 2026	Last three months: January to March 2026
<p>Sea Surface Temperature Anomaly (Image 1):</p> <p>Monthly Sea Surface Temperature Anomalies: March 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p> <p>Seasonal Sea Surface Temperature Anomalies : Jan 2026 - Mar 2026</p> <p>© Pacific Community (SPC) 2025 Reynolds</p>
<p>Sea level anomaly (Image 2):</p> <p>Monthly Sea Level Anomaly: March 2026</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>Coral Bleaching Alert: 4 April 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p>	<p>Pacific daily coral bleaching alert (Image 5):</p> <p>Pacific Islands Coral Bleaching Alert: 4 April 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p>

Part 2i. Monthly and Seasonal Outlooks for May and May to July 2026

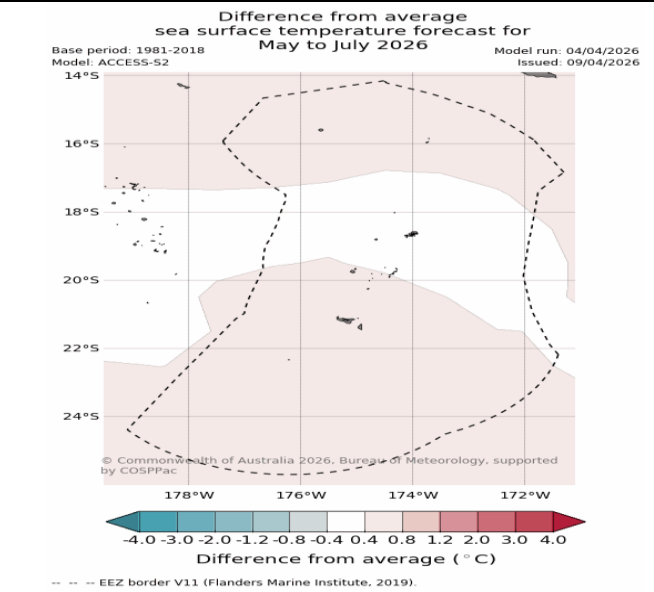
Monthly: May 2026

Monthly sea surface temperature anomaly (Image 5):

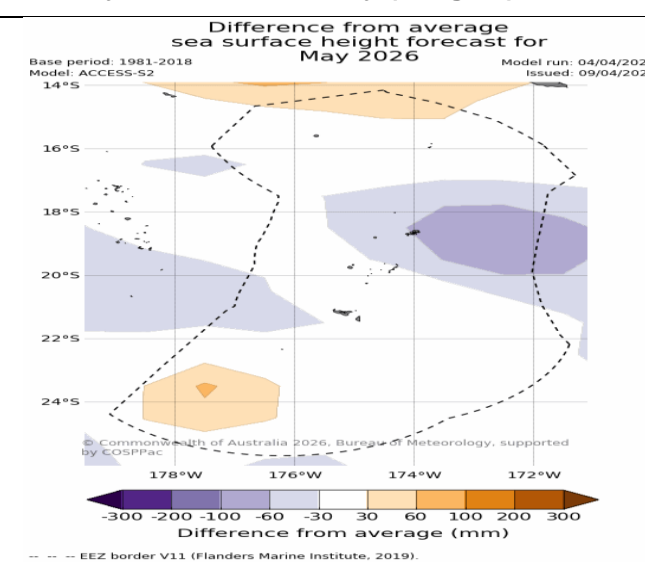


Seasonal: May to July 2026

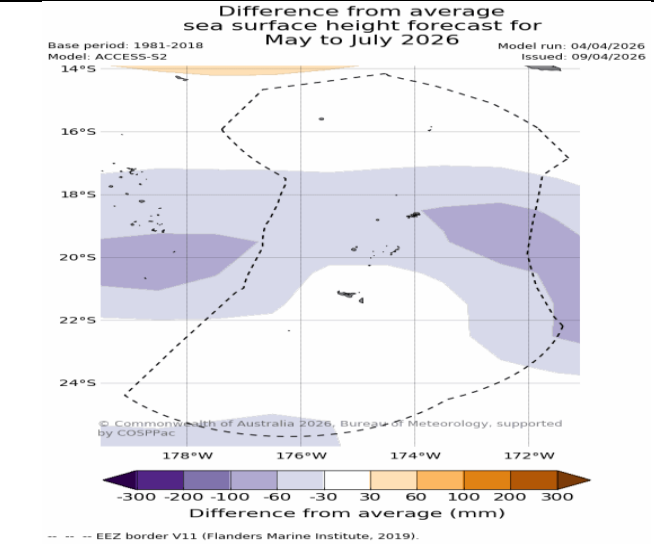
Seasonal sea surface temperature anomaly (Image 6):



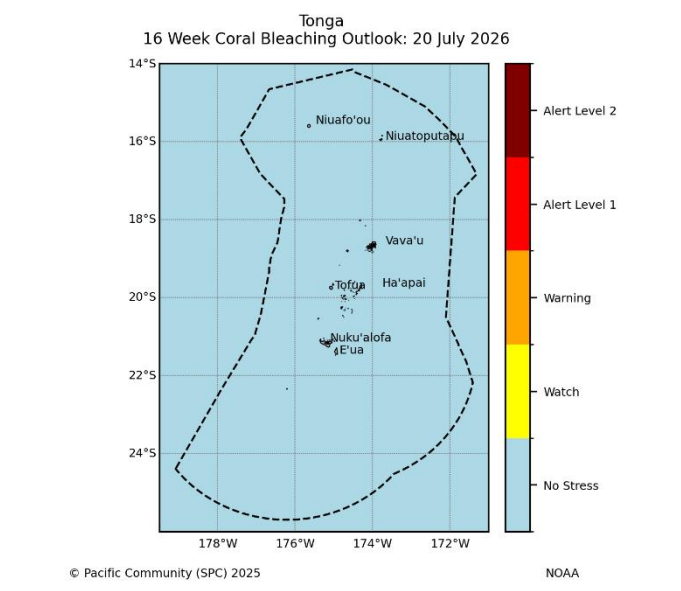
Monthly sea level anomaly (Image 7):



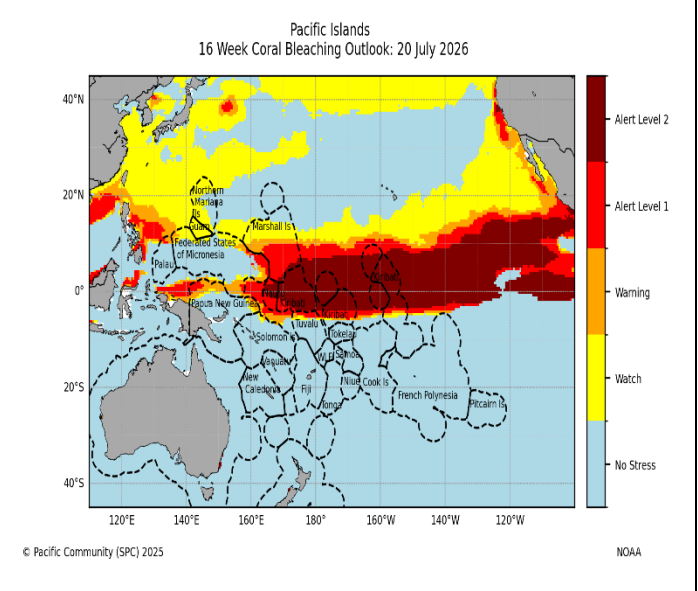
Seasonal sea level anomaly (Image 8):



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



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



Summary Statement

Monthly and last three months: March/January to March 2026 statement

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

Part 1i. Monthly and Seasonal Outlooks for May and May to July 2026

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for May 2026 is likely or very likely to be near-normal over most of Tonga. In Ha'apai and Vava'u the outlook shows May's rainfall is likely to be below normal.

The rainfall for May to July 2026 is likely to be below normal over most of Tonga. In Niuatoputapu the outlook shows May to July 2026 rainfall is likely or very likely to be near-normal.

Maximum and minimum temperatures during May 2026 are likely to be above normal over Tonga.

Maximum and minimum temperatures averaged over May to July 2026 are likely to be near-normal to above normal over Tonga.

Part 2: Recent Ocean summary statement

Monthly and last three months: March/January to March 2026

March sea surface temperatures (SSTs) around Tonga were 0.4 to 2.0°C above normal.

Averaged over January to March 2026, sea surface temperatures around Tonga were 0.8 to 2.0°C above normal.

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

A patch of coral bleaching Alert Level 1 status over Niuatoputapu waters, while the rest are on Watch status as of April 4th 2026.

Part 2i. Monthly and Seasonal Outlooks for May and May to July 2026

Ocean Variable statement

May 2026 sea surface temperatures around Tonga are predicted to be -0.4 to 0.4°C near-normal to 0.4 to 1.2°C above normal.

Averaged over May to July 2026, sea surface temperatures around Tonga are predicted to be -0.4 to 0.4°C near-normal to 0.4 to 1.2°C above normal.

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

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

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

In brief for Teleconference

- Rainfall was near-normal to below normal for March and January to March 2026, except Fua'amotu and Nuku'alofa where rainfall was above normal for March.
- The rainfall outlook generally indicates near-normal conditions most likely in May 2026 but below average rainfall for total rainfall over May to July 2026.
- SSTs were above normal for March and January to March 2026. The outlook shows near normal to above normal SSTs for the next one and three months.
- Sea levels were above normal for March. Below normal to near-normal sea levels are predicted for May and May to July 2026.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (March 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	Government Ministries, NGO's, Media, Private Sector		32	42	3		
EAR Watch							
Monthly Climate Briefing							
Ocean Outlook	Government Ministries, NGO's, Media, Private Sector		32	42	3		
Climate data request			4	2			
Outreach programs							
Total			64	84	06		

