

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 223

Country: Samoa

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)				
Apia (1890-2026)	399.4	364.1	261.9	262.7	361.0	299.8	46/137
Afiamalu (1903-2026)	623.7	524.8	556.9	371.2	564.1	468.9	49/74
Nafanua (1965-2026)	416.6	444.2	326.4	297.9	388.5	340.6	25/54
Faleolo (1956-2026)	451.3	88.4	199.0	156.1	244.5	213.4	28/65

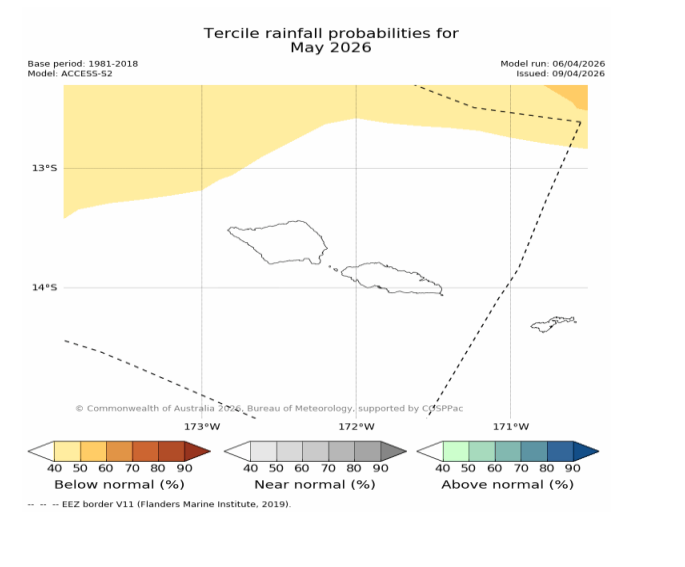
TABLE 2: Three-month Total Rainfall for January to March 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2026)	1025.4	Normal	1003.8	1255.5	1131.0	49/137
Afiamalu (1903-2026)	1705.4	Normal	1598.5	2115.0	1791.7	31/72
Nafanua (1965-2026)	1187.2	Normal	1098.2	1629.0	1303.3	24/52
Faleolo (1956-2026)	738.7	Normal	700.3	895.2	795.8	27/65

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

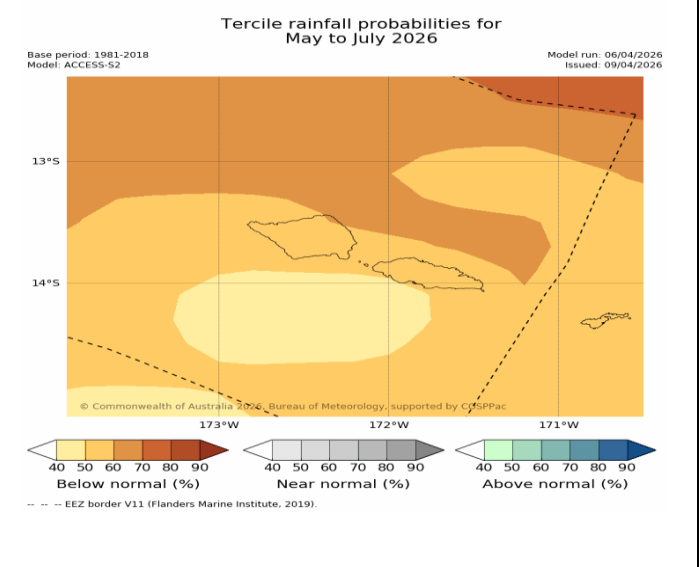
Monthly: May 2026

Rainfall (Image 1)

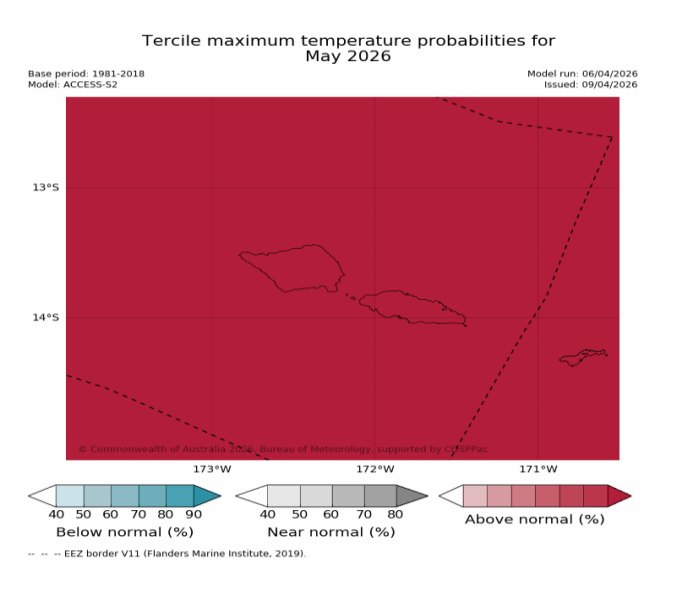


Seasonal: May to July 2026

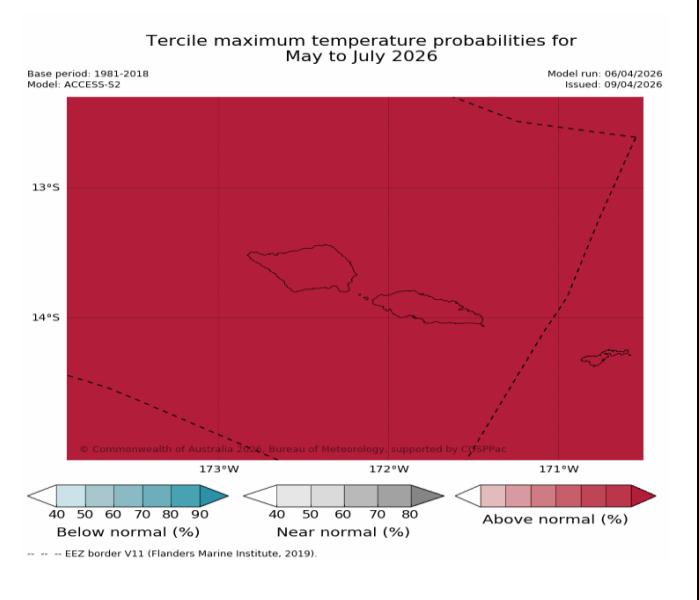
Rainfall (Image 2)



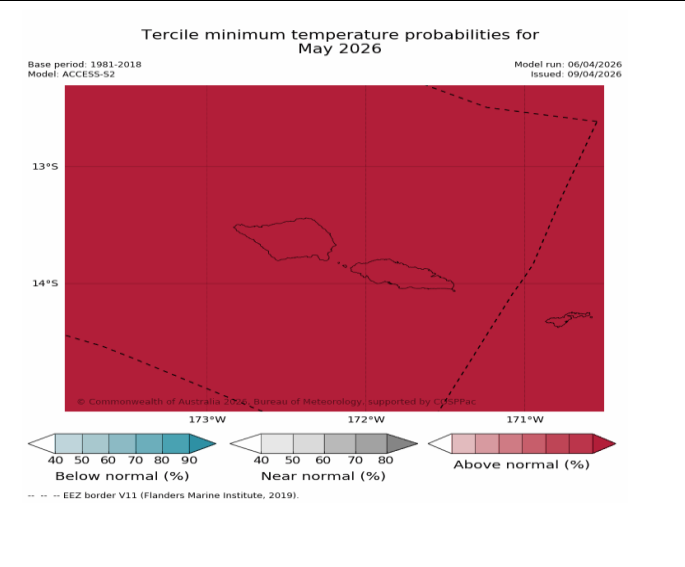
Monthly Maximum temperature (Image 3):



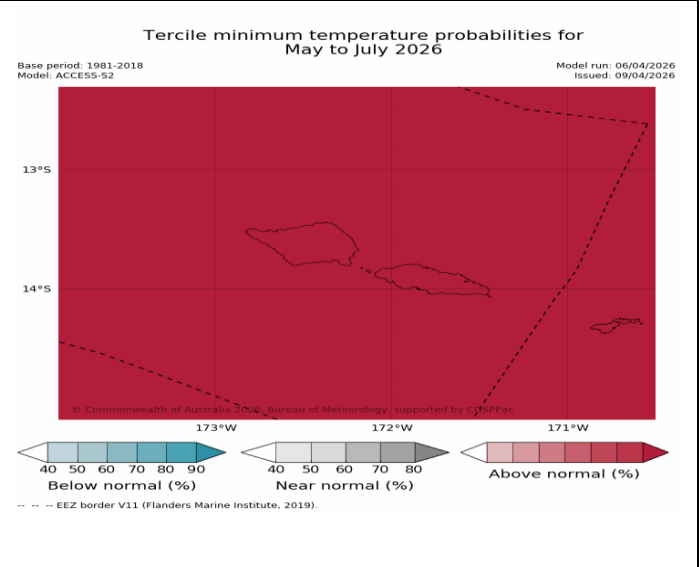
Seasonal maximum temperature (Image 4):



Monthly minimum temperature (Image 5):

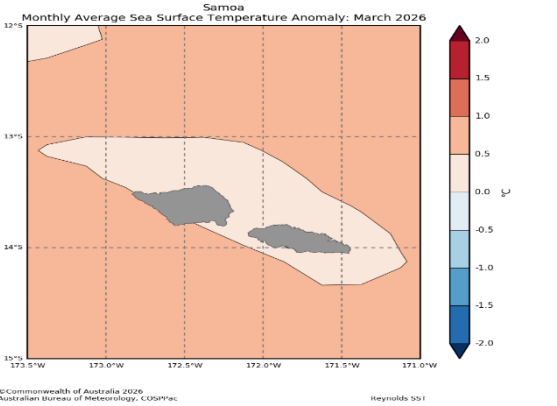
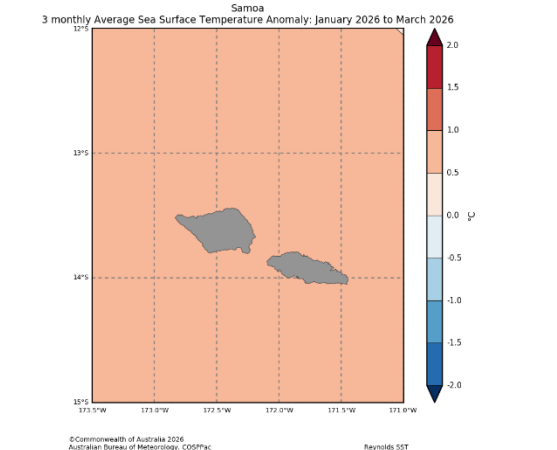
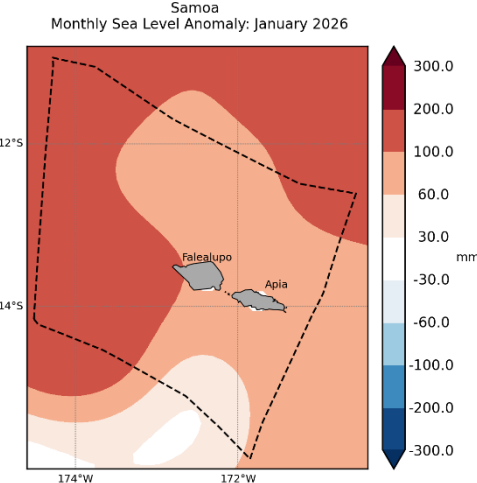
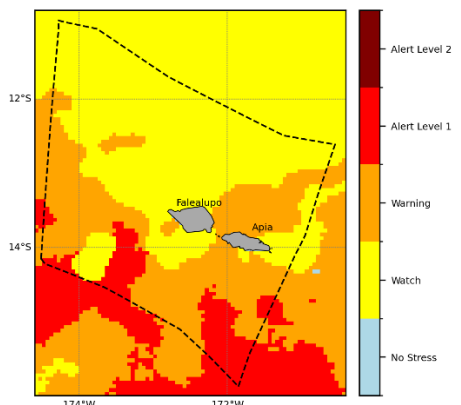
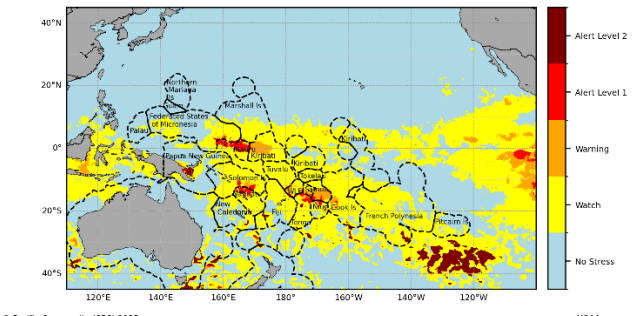


Seasonal minimum temperature (Image 6):



Part 2: Recent Ocean Observation

Monthly/Three months: March and January to March 2026

Monthly: March 2026	Last three months: January to March 2026
Sea Surface Temperature Anomaly (Image 1):	Sea Surface Temperature Anomaly (Image 4):
 <p>Samoa Monthly Average Sea Surface Temperature Anomaly: March 2026</p> <p>© Commonwealth of Australia 2026 Australian Bureau of Meteorology, CC BY-NC Reynolds SST</p>	 <p>Samoa 3 monthly Average Sea Surface Temperature Anomaly: January 2026 to March 2026</p> <p>© Commonwealth of Australia 2026 Australian Bureau of Meteorology, CC BY-NC Reynolds SST</p>
Sea level anomaly (Image 2):	
 <p>Samoa Monthly Sea Level Anomaly: January 2026</p> <p>© Pacific Community (SPC) 2025 Generated using E.U. Copernicus Marine Service Information; https://doi.org/10.48670/moi-00149</p>	
National daily coral bleaching alert (Image 3):	Pacific daily coral bleaching alert (Image 5):
 <p>Samoa Coral Bleaching Alert: 12 April 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p>	 <p>Pacific Islands Coral Bleaching Alert: 12 April 2026</p> <p>© Pacific Community (SPC) 2025 NOAA</p>

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

<p>Monthly: May 2026 Monthly sea surface temperature anomaly (Image 5):</p>	<p>Seasonal: May to July 2026 Seasonal sea surface temperature anomaly (Image 6):</p>
<p>Difference from average sea surface temperature forecast for May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/04/2026 Issued: 08/04/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Difference from average sea surface temperature forecast for May to July 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/04/2026 Issued: 08/04/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
<p>Monthly sea level anomaly (Image 7):</p>	<p>Seasonal sea level anomaly (Image 8):</p>
<p>Difference from average sea surface height forecast for May 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/04/2026 Issued: 08/04/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Difference from average sea surface height forecast for May to July 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/04/2026 Issued: 08/04/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
<p>National 4-week Coral Bleaching Outlook (Image 9):</p>	<p>Pacific 4-week Coral Bleaching Outlook (Image 10):</p>
<p>Samoa 16 Week Coral Bleaching Outlook: 27 July 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025</p> <p>NOAA</p>	<p>Pacific Islands 16 Week Coral Bleaching Outlook: 27 July 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025</p> <p>NOAA</p>

Summary Statement

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

The rainfall for March was normal at Afiamalu, Nafanua and Faleolo while Apia recorded below normal rainfall. Over the past three months, normal rainfall was observed at all stations.

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

Monthly /Seasonal rainfall and temperature Outlook statements

Samoa's rainfall outlook for May offers little guidance.

The rainfall for May to July 2026 is very likely to be *below normal* over Samoa

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

Maximum and minimum temperatures averaged over May to July 2026 are very likely to be above normal over Samoa.

Part 2: Recent Ocean summary statement

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

March sea surface temperatures (SSTs) around 0.0 to 1.0°C above normal.

Averaged over January to March 2026, sea surface temperatures around Samoa were 0.5 to 1.0°C above normal.

March sea levels around Samoa were 60 to 200mm above normal.

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

Ocean Variable statement

May 2026 sea surface temperatures around Samoa are predicted to be 0.4 to 0.6°C above normal.

Averaged over May to July 2026, sea surface temperatures around Samoa are predicted to be 0.4 to 0.8°C above normal.

May 2026 sea levels around are predicted to be -30 to 100mm above-normal.

Averaged over May to July 2026, sea levels around Samoa are predicted to be -30 to 60 mm above normal.

In brief for Teleconference

- Rainfall was below normal to normal for March and for January to March 2026, rainfall was normal.
- The rainfall outlook offers little guidance for May 2026. For the May to July 2026 period, the outlook indicates below normal rainfall for Samoa
- SSTs were above normal in March and throughout January to March 2026. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for March. Above 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							
EAR Watch							
Monthly Climate Briefing							
Ocean Outlook							
Climate data request							
Outreach programs							
Total							

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

