

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 221

Country: Samoa

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2025	Dec-2025	Jan-2026					Rank
			Total (mm)	33%tile	67%tile	Median		
	Total (mm)	Total (mm)	Rainfall (mm)					
Apia (1890-2026)	214.8	284.9	399.4	355.8	499.9	399.8	68/137	
Afiamalu (1903-2026)	248.6	284.7	623.7	561.5	815.8	693.6	30/73	
Nafanua (1965-2026)	166.9	334.4	416.6	366.1	700.9	450.2	22/52	
Faleolo (1956-2026)	214.8	144.9	451.3	217.7	353.0	288.3	52/66	

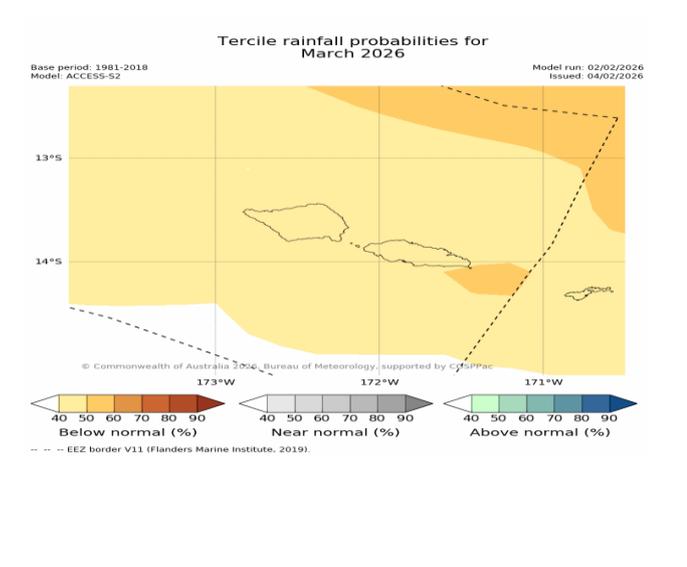
TABLE 2: Three-month Total Rainfall for November 2025 to January 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2026)	899.1	Below normal	955.7	1209.0	1005.7	41/135
Afiamalu (1903-2026)	1157.0	Below normal	1496.4	1993.1	1818.4	8/71
Nafanua (1965-2026)	917.9	Below normal	1102.9	1496.7	1294.9	10/49
Faleolo (1956-2026)	811.0	Normal	702.4	702.4	791.8	36/64

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

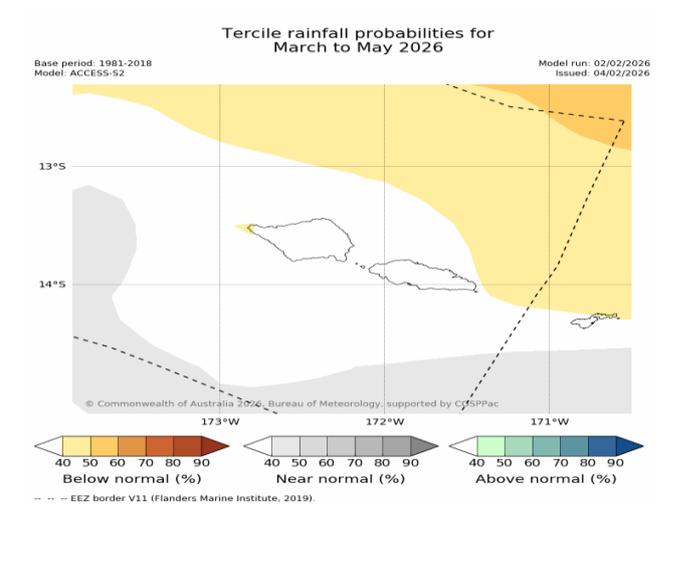
Monthly: March 2026

Rainfall (Image 1)

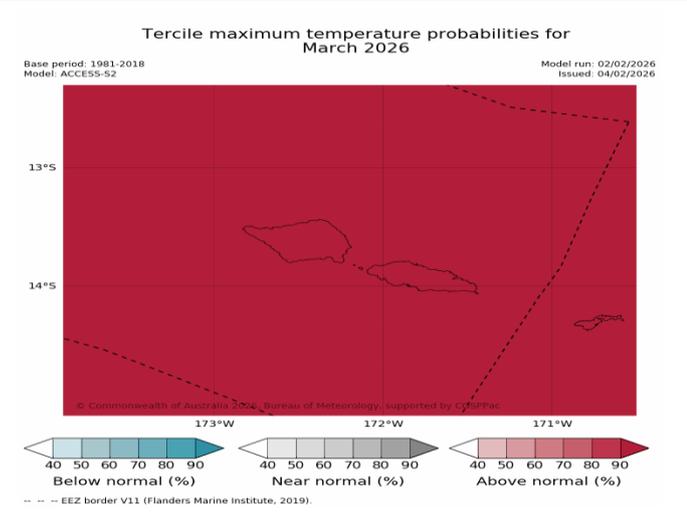


Seasonal: March to May 2026

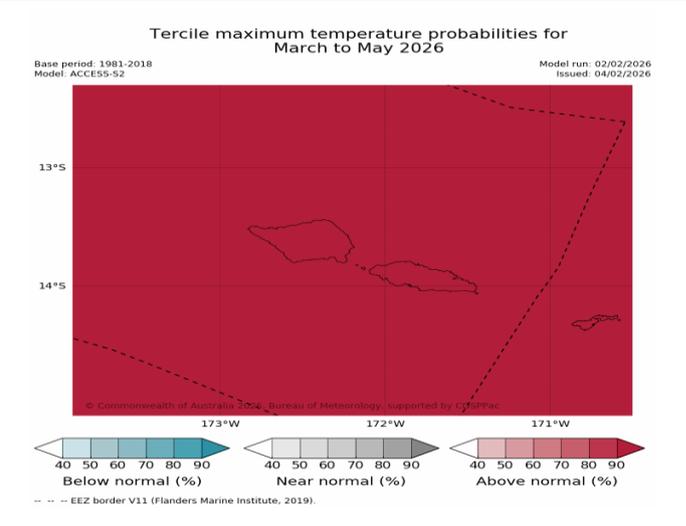
Rainfall (Image 2)



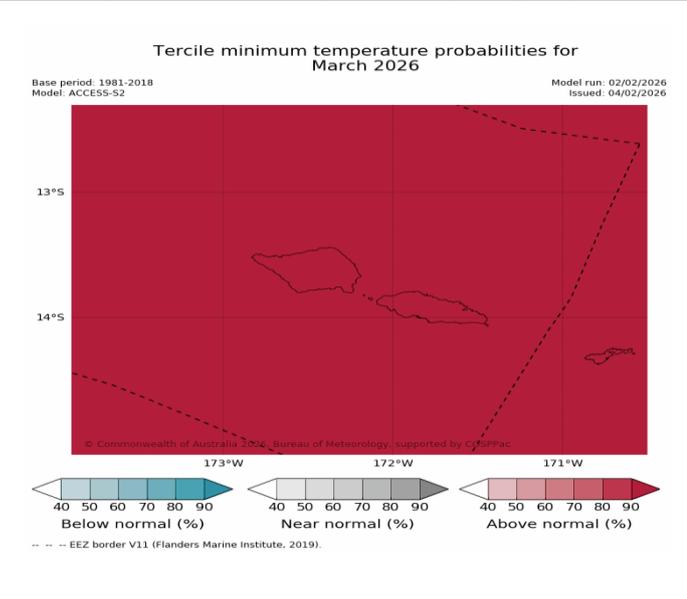
Monthly Maximum temperature (Image 3):



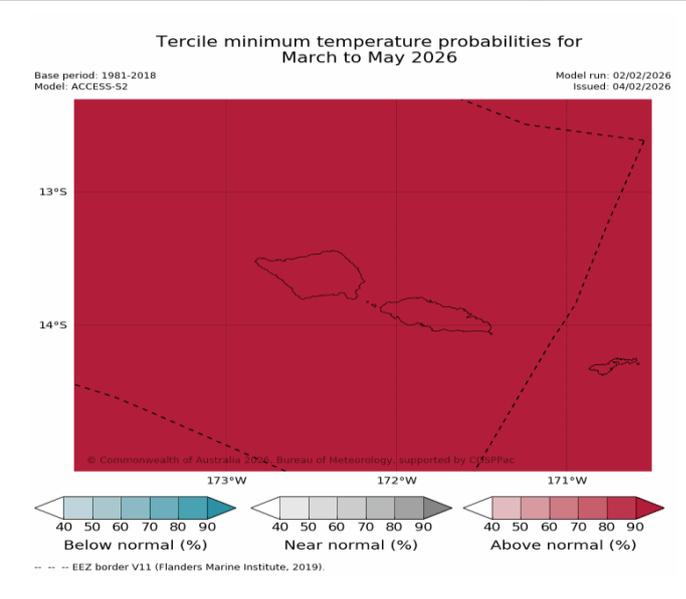
Seasonal maximum temperature (Image 4):



Monthly minimum temperature (Image 5):

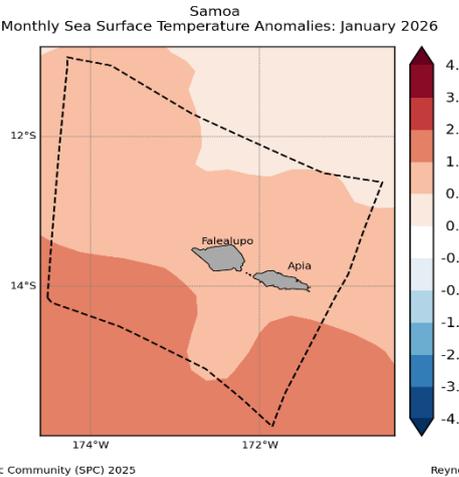
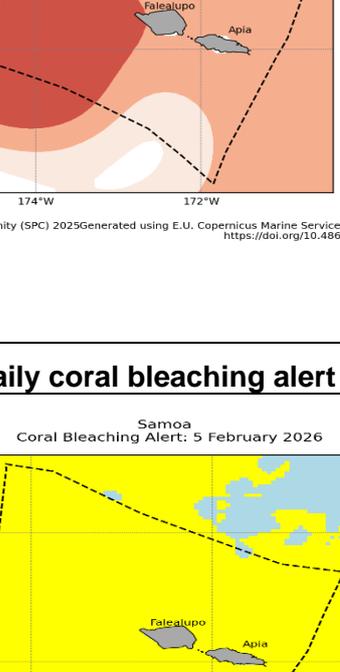
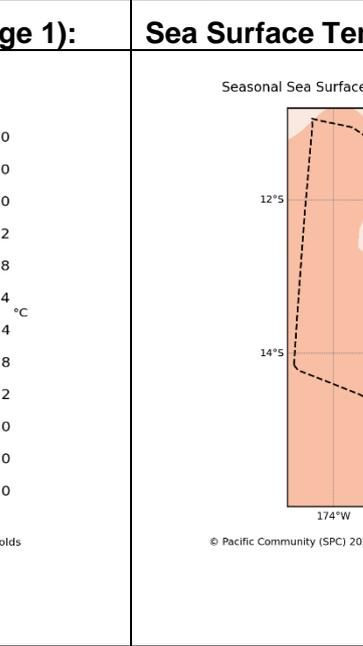
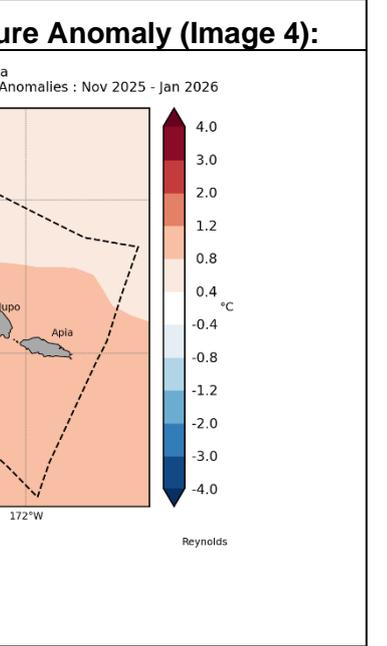


Seasonal minimum temperature (Image 6):



Part 2: Recent Ocean Observation

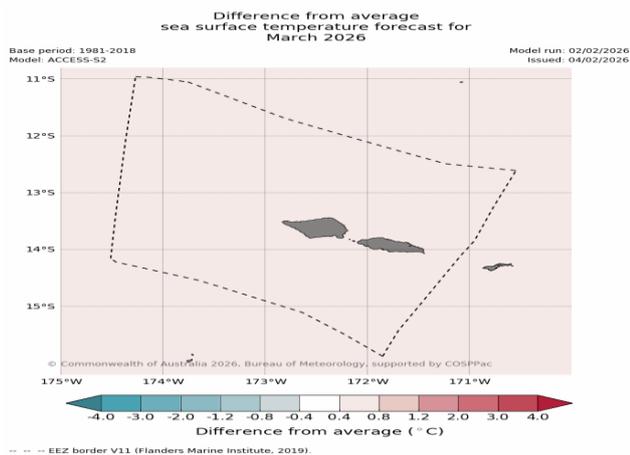
Monthly/Three months: January and November 2025 to January 2026

<p>Monthly: January 2026</p>	<p>Last three months: November 2025 to January 2026</p>
<p>Sea Surface Temperature Anomaly (Image 1):</p> 	<p>Sea Surface Temperature Anomaly (Image 4):</p> 
<p>Sea level anomaly (Image 2):</p> 	
<p>National daily coral bleaching alert (Image 3):</p> 	<p>Pacific daily coral bleaching alert (Image 5):</p>

2i. Monthly and Seasonal Outlooks for March and March to May 2026

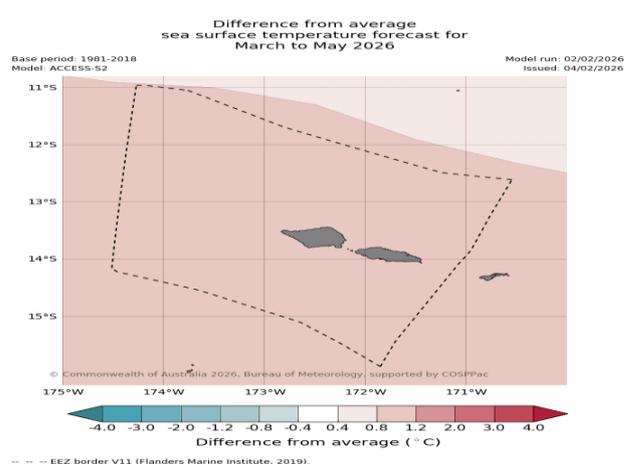
Monthly: March 2026

Monthly sea surface temperature anomaly (Image 5):

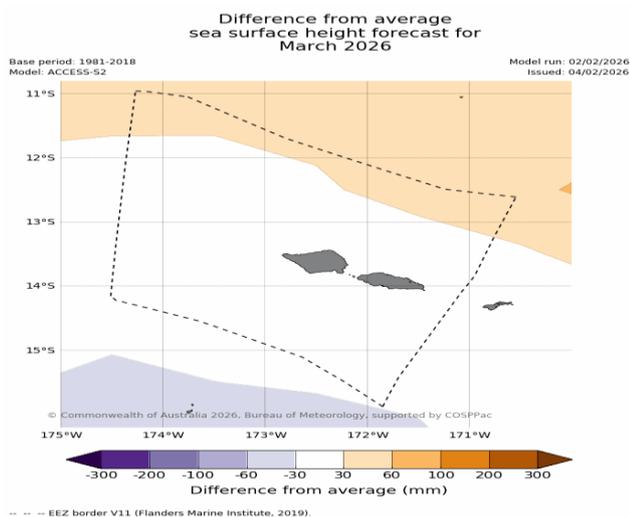


Seasonal: March to May 2026

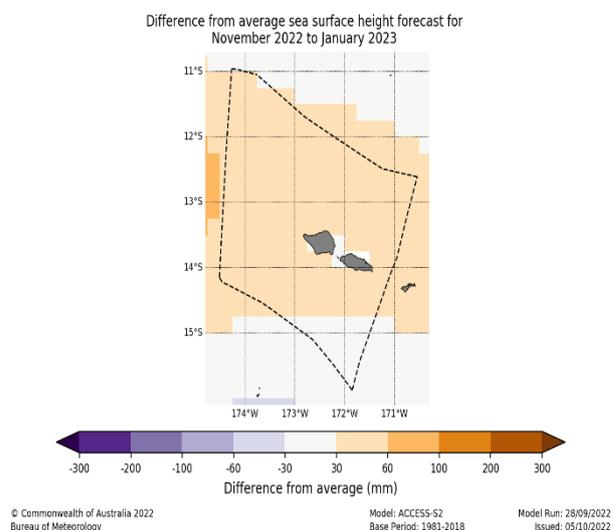
Seasonal sea surface temperature anomaly (Image 6):



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: January/November 2025 to January 2026 statement

The rainfall for January was *above normal* for Faleolo station and *normal* throughout Apia, Afiamalu and Nafanua station. For the past three months, rainfall was *above normal* over Faleolo and *below normal* throughout Apia, Afiamalu and Nafanua station.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March 2026 is likely to be below normal over Samoa.

The seasonal outlook offers little guidance over Samoa.

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

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

Part 2: Recent Ocean summary statement

Monthly and last three months: January/November 2025 to January 2026

January sea surface temperatures (SSTs) around Samoa were 0.8 to 1.2°C above normal.

Averaged over November 2025 to January 2026, sea surface temperatures around Samoa were 0.8 to 1.2°C above normal.

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

A coral bleaching “Watch” status is currently in effect for Samoa on the 5th February 2026

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

Ocean Variable statement

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

Averaged over March to May 2026, sea surface temperatures around Samoa are predicted to be 0.8 to 1.2°C above normal.

March 2026 sea levels around Samoa are predicted to be -30 to 30mm near-normal.

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

In brief for Teleconference

- Rainfall was normal to above normal in January. For November 2025 to January 2026, rainfall was below normal to above normal for both periods.
- The rainfall outlook shows below normal conditions for March 2026. The outlook shows little guidance for the total rainfall over March to May 2026.
- SSTs were above normal in January and throughout November 2025 to January 2026. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Above Normal sea levels are predicted for March and March to May 2026.
- A coral bleaching “Watch” status is currently in effect for Samoa on the 5th February 2026

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

Product	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Comments (If there are comments from you Stakeholders)
Clide Training	Samoa Met, Water Resources Division, Information Communication Technology Division	20	15	5	0	n/a
Total		20				

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 [] organisations		
National disability organisations		
Community based organisations (e.g. councils)		
Products offered in local dialects/ languages		

Table 4: Impacts of Severe weather and climate events

Dates	Phenomena/Event	Location	Image
February 13	Minor Land Slide	Luatuanuu	https://www.facebook.com/reel/895182753379494 (LTA Facebook Page)