Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 229

Country: Samoa

Part 1: Recent climate

TABLE 1: Monthly Rainfall

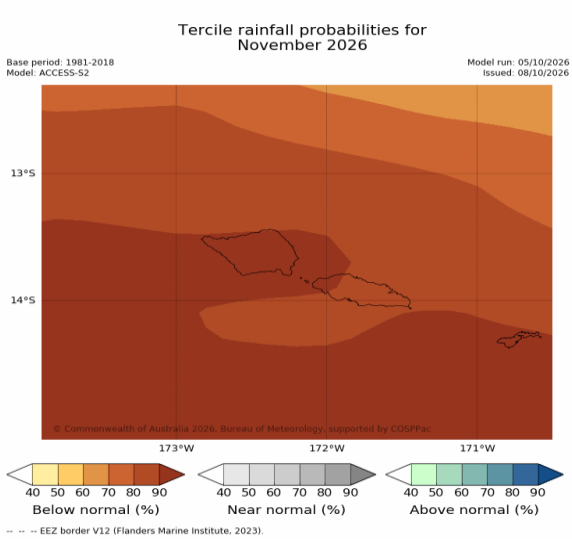
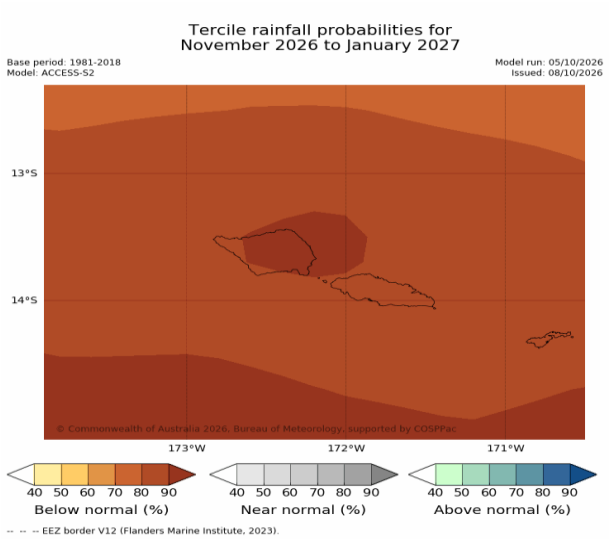
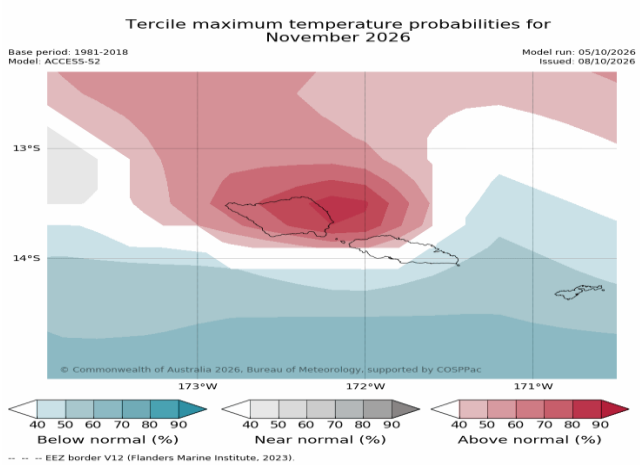
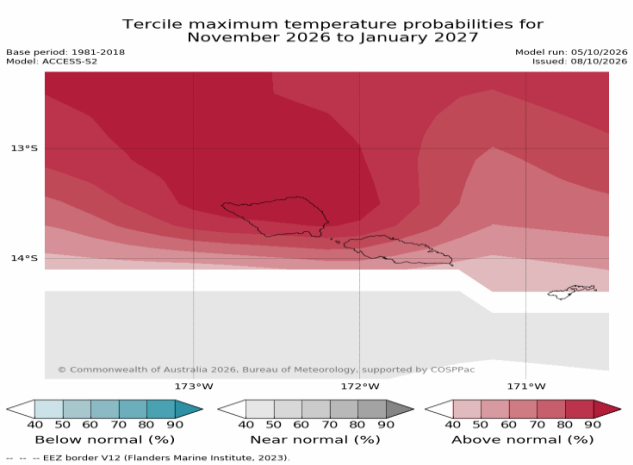
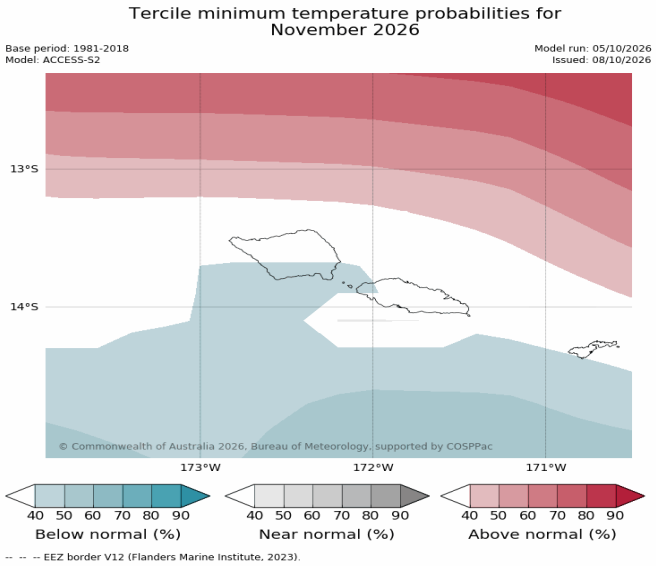
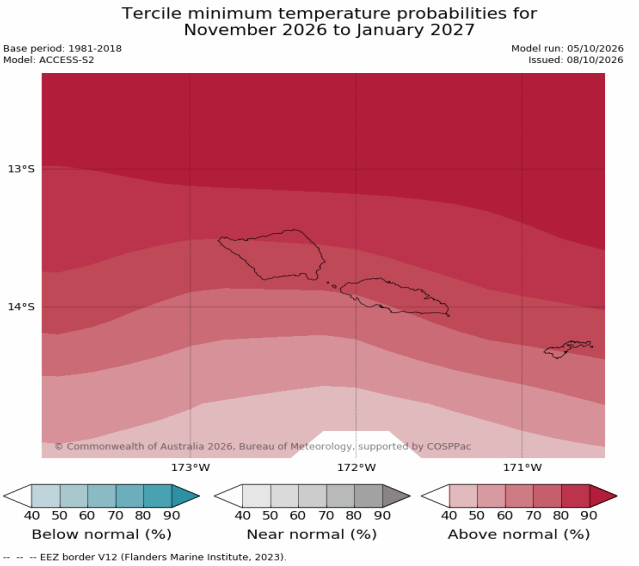
Station (include data period)	Jul-2026	Aug-2026	Sep-2026				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Apia (1890-2026)	17.8	35.4	122.0	91.0	166.8	120.0	71/137
Afiamalu (1903-2026)	123.9	54.3	200.4	117.1	217.1	152.1	46/74
Nafanua (1965-2026)	35.0	24.3	90.4	99.6	166.6	136.6	18/54
Faleolo (1956-2026)	23.5	4.4	160.9	54.9	109.0	81.6	54/64

TABLE 2: Three-month Total Rainfall for July to September 2026

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2026)	175.2	Below normal	258.4	423.9	347.9	14/137
Afiamalu (1903-2026)	378.6	Below normal	514.5	671.0	590.2	14/72
Nafanua (1965-2026)	149.7	Below normal	347.4	495.5	408.9	**2/54**
Faleolo (1956-2026)	188.8	Below normal	202.6	359.3	275.8	20/61

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Part 1i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

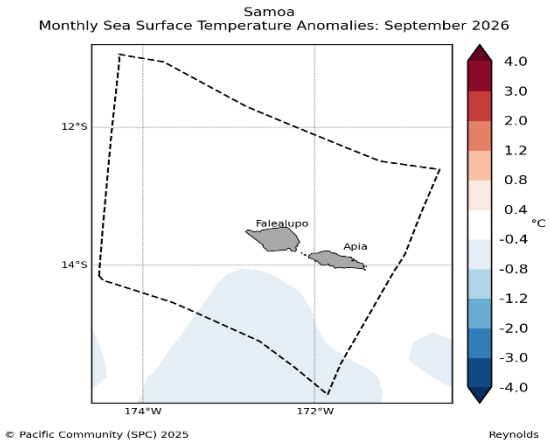
Monthly: November 2026	**Seasonal: November 2026 to January 2027**
Rainfall (Image 1)	**Rainfall (Image 2)**
	
Monthly Maximum temperature (Image 3):	**Seasonal maximum temperature (Image 4):**
	
Monthly minimum temperature (Image 5):	**Seasonal minimum temperature (Image 6):**
	

Part 2: Recent Ocean Observation

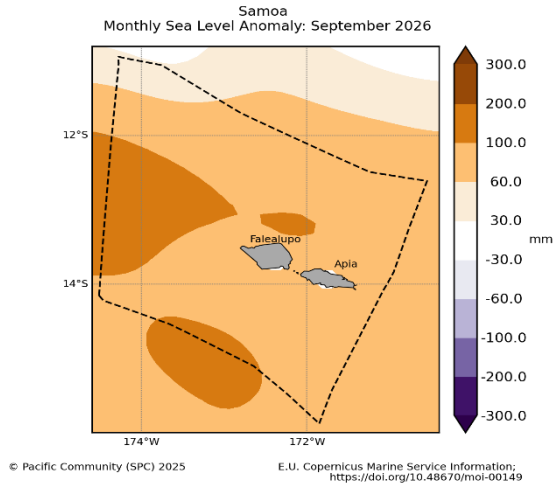
Monthly/Three months: September and July to September 2026

Monthly: September 2026

Sea Surface Temperature Anomaly (Image 1):



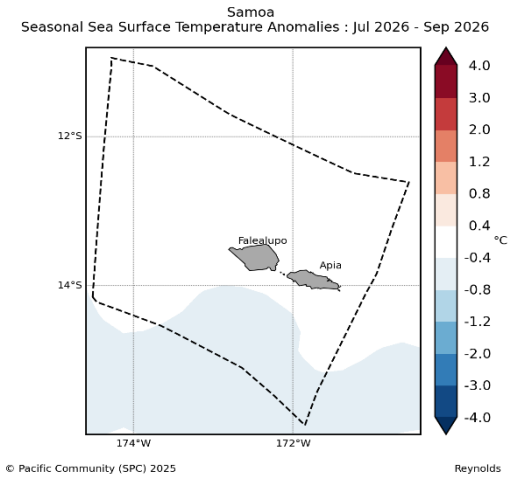
Sea level anomaly (Image 2):



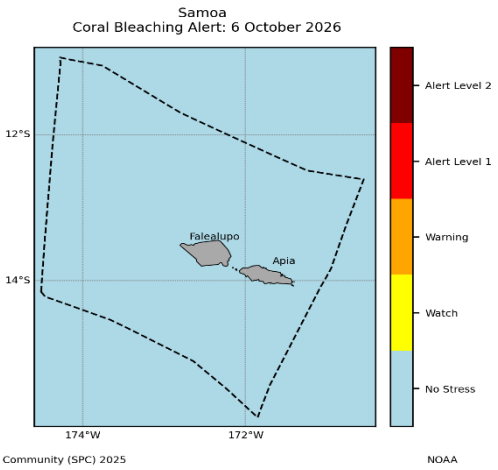
National daily coral bleaching alert (Image 3):

Last three months: July to September 2026

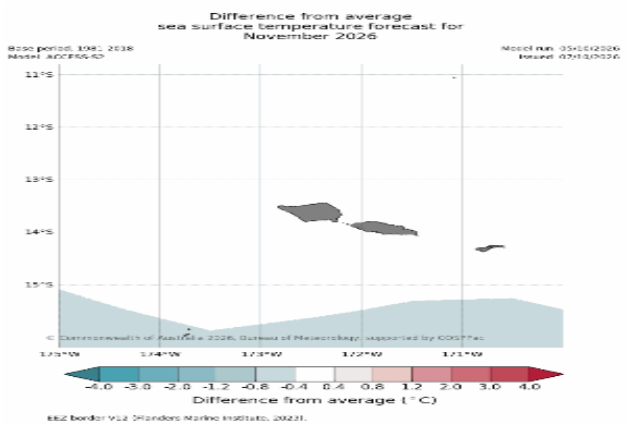
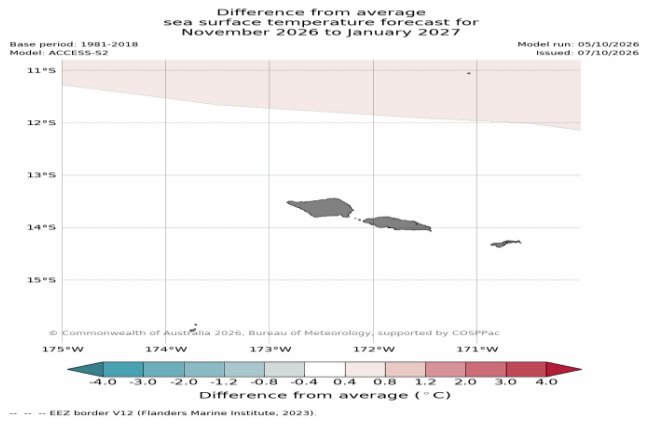
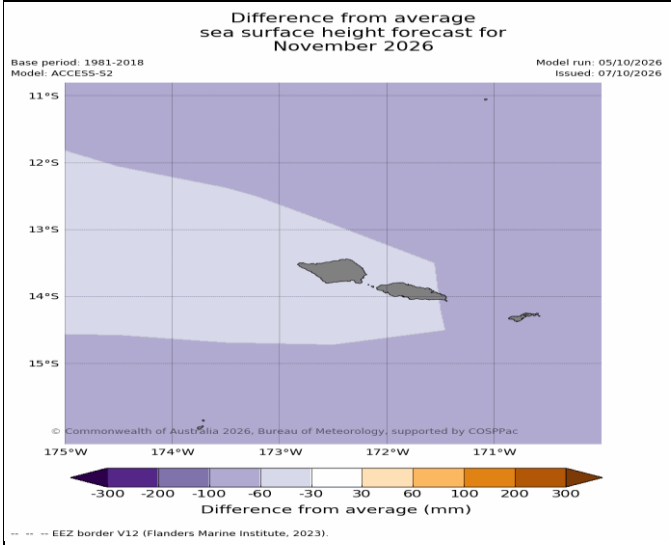
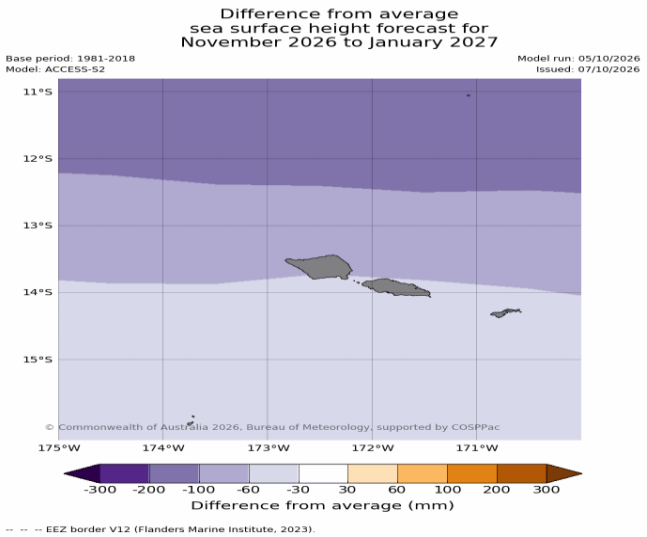
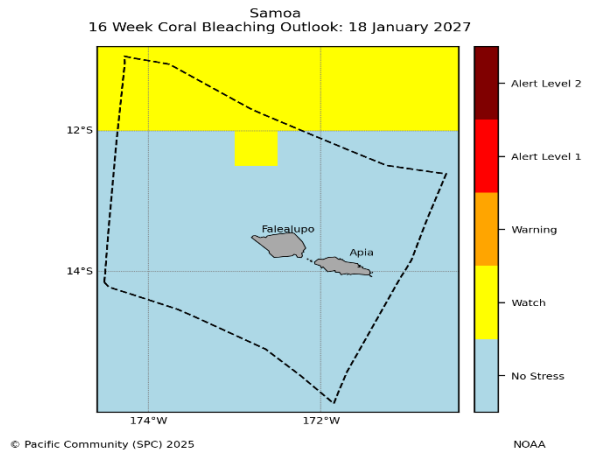
Sea Surface Temperature Anomaly (Image 4):



Pacific daily coral bleaching alert (Image 5):



Part 2i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Monthly: November 2026	**Seasonal: November 2026 to January 2027**
Monthly sea surface temperature anomaly (Image 5):	**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: September/July to September 2026 statement

The rainfall for September was above normal over Faleolo and normal over Apia and Afiamlau. Nafanua recorded below normal rainfall. For the past three months, rainfall was Below Normal over Samoa. Nafanua recorded its 2nd driest July to September on record.

Part 1i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Monthly/Seasonal rainfall and temperature Outlook statements

The rainfall for November is very likely to be below normal over Samoa.

The rainfall for November 2026 to January 2027 is very likely to be below normal over Samoa.

Maximum temperatures during November are very likely to be above normal over Savai'i and the far western part of Upolu. In the eastern part of Upolu, the outlook shows below normal conditions and for the rest of Samoa, the outlook offers little guidance

Minimum temperatures during November are very likely to be below normal over some parts of Upolu and Savai'i and for the rest of Samoa the outlook offers little guidance.

Maximum and Minimum temperatures averaged over November 2026 to January 2027 are very likely to be above normal over Samoa.

Part 2: Recent Ocean summary statement

Monthly and last three months: September/July to September 2026

September sea surface temperatures (SSTs) were around -0.4 to 0.4°C near normal around Samoa.

Averaged over July to September 2026, sea surface temperatures around Samoa were -0.4 to 0.4°C near normal.

September sea levels around Samoa were 60 to 200mm above normal

A coral bleaching "No stress" status is currently in effect for Samoa as of 6 October 2026.

Part 2i. Monthly and Seasonal Outlooks for November and November 2026 to January 2027

Ocean Variable statement

November 2026 sea surface temperatures around Samoa are predicted to be -0.4 to 0.4°C near normal.

Averaged over November 2026 to January 2027, sea surface temperatures around Samoa are predicted to be -0.4 to 0.4°C near normal.

November 2026 sea levels around Samoa are predicted to be 30 to 100mm below-normal.

Averaged over November 2026 to January 2027, sea levels around Samoa are predicted to be 30 to 100mm below-normal.

Coral Bleaching outlook indicates "no stress" status for the next 16 weeks

In brief for Teleconference

- The rainfall for September was below normal to above normal over Samoa. For the past three months, rainfall was below normal over Samoa. Nafanua recorded its 2nd driest July to September on record.
- The rainfall outlook generally indicates below normal rainfall for November 2026 and most likely below normal rainfall over November 2026 to January 2027.
- SSTs were near normal for September and July to September. The outlook shows near normal SSTs for the next one and three months.
- Sea levels were above normal for September. Below normal sea levels are predicted for November and November to January 2027.

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

Product	*Stakeholder*	*Total Number of Participants*	*Number of Male*	*Number of Female*	*Disability*	*Age group*	*Comments (If there are comments from you Stakeholders)*
EAR Watch	RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines	65	27	38	-	25-55	-
Seasonal Climate Outlook	RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport	65	27	38	-	25-55	-

	Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines						
Ocean Outlook	RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines	65	27	38	-	25-55	-
Climate Summary	RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture &	65	27	38	-	25-55	-

	Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines						
Total		265	127	138	-	13-70	-

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: Samoa

ENSO Phase: El Nino

Synoptic Situation	Date	Type of Hazard	Impacts	Image	Latitude	Longitude	Sectors affected	No. of Deaths
No events								