

Country: **Samoa**

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Jun-2026	Jul-2026	Aug-2026				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Apia (1890-2026)	79.5	17.8	35.4	62.7	133.0	86.6	21/137
Afiamalu (1903-2026)	361.8	123.9	54.3	114.4	223.2	178.6	7/73
Nafanua (1965-2026)	120.4	35.0	24.3	68.3	146.0	94.6	4/55
Faleolo (1956-2026)	106.8	23.5	4.4	52.0	111.3	90.6	3/64

TABLE 2: Three-month Total Rainfall for June to August 2026

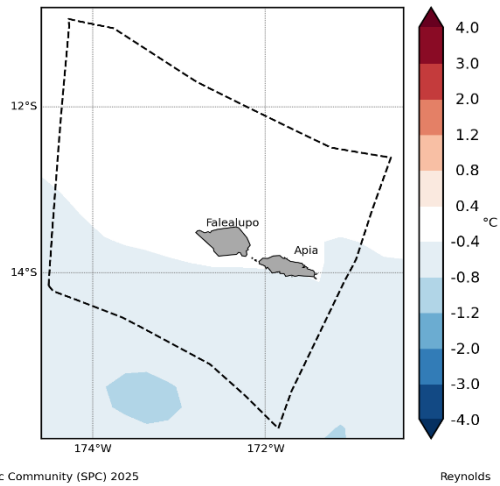
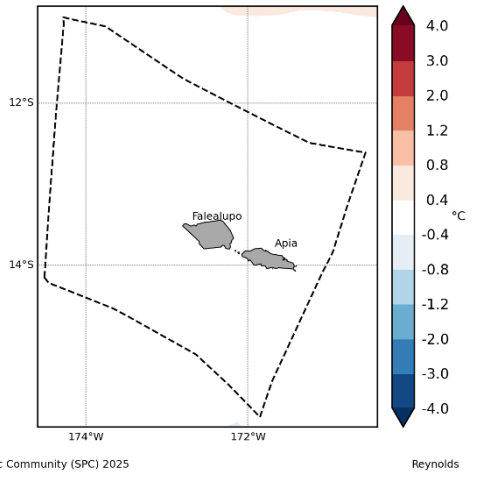
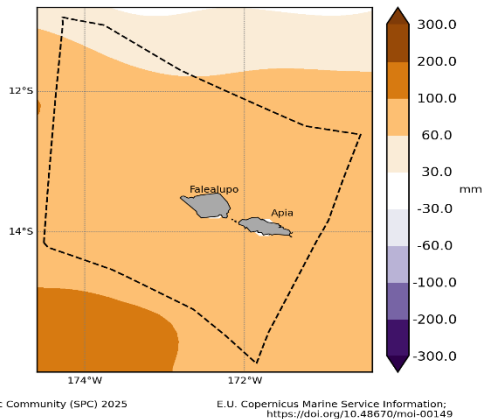
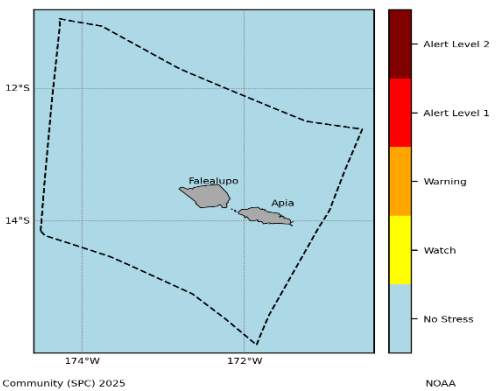
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2026)	132.7	Below normal	320.0	449.0	359.1	8/137
Afiamalu (1903-2026)	540.0	Normal	514.9	674.3	610.9	28/71
Nafanua (1965-2026)	179.7	Below normal	368.9	504.6	418.6	3/55
Faleolo (1956-2026)	134.7	Below normal	210.5	359.9	292.5	7/62

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2026

Monthly: October 2026	Seasonal: October to December 2026
Rainfall (Image 1)	Rainfall (Image 2)
Tercile rainfall probabilities for October 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 07/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).	Tercile rainfall probabilities for October to December 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 07/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).
Monthly Maximum temperature (Image 3):	Seasonal maximum temperature (Image 4):
Tercile maximum temperature probabilities for October 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 07/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).	Tercile maximum temperature probabilities for October to December 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 07/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).
Monthly minimum temperature (Image 5):	Seasonal minimum temperature (Image 6):
Tercile minimum temperature probabilities for October 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 07/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).	Tercile minimum temperature probabilities for October to December 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 08/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac 173°W 172°W 171°W 40 50 60 70 80 90 Below normal (%) Near normal (%) Above normal (%) -- -- EEZ border V11 (Flanders Marine Institute, 2019).

Part 2: Recent Ocean Observation

Monthly/Three months: August and June to August 2026

Monthly: August 2026	Last three months: June to August 2026
Sea Surface Temperature Anomaly (Image 1): Samoa Monthly Sea Surface Temperature Anomalies: August 2026  © Pacific Community (SPC) 2025 Reynolds	Sea Surface Temperature Anomaly (Image 4): Samoa Seasonal Sea Surface Temperature Anomalies : Jun 2026 - Aug 2026  © Pacific Community (SPC) 2025 Reynolds
Sea level anomaly (Image 2): Samoa Monthly Sea Level Anomaly: August 2026  © Pacific Community (SPC) 2025 E.U. Copernicus Marine Service Information: https://doi.org/10.48670/moi-00149	
National daily coral bleaching alert (Image 3): Not available	Pacific daily coral bleaching alert (Image 5): Samoa Coral Bleaching Alert: 6 September 2026  © Pacific Community (SPC) 2025 NOAA

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2026

Monthly: October 2026	Seasonal: October to December 2026
Monthly sea surface temperature anomaly (Image 5):	Seasonal sea surface temperature anomaly (Image 6):
Difference from average sea surface temperature forecast for October 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 08/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac -- -- EEZ border V11 (Flanders Marine Institute, 2019).	Difference from average sea surface temperature forecast for October to December 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 08/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac -- -- EEZ border V11 (Flanders Marine Institute, 2019).
Monthly sea level anomaly (Image 7):	Seasonal sea level anomaly (Image 8):
Difference from average sea surface height forecast for October 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 08/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac -- -- EEZ border V11 (Flanders Marine Institute, 2019).	Difference from average sea surface height forecast for October to December 2026 Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/09/2026 Issued: 08/09/2026 © Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac -- -- EEZ border V11 (Flanders Marine Institute, 2019).
National 4-week Coral Bleaching Outlook (Image 9):	Pacific 4-week Coral Bleaching Outlook (Image 10):
Not available	Samoa 16 Week Coral Bleaching Outlook: 21 December 2026 © Pacific Community (SPC) 2025 NOAA

Summary Statement

Monthly and last three months: August/June to August 2026 statement

The rainfall for August was below normal over Samoa. Faleolo recorded its 3rd driest August on record, followed by Nafanua with its 4th driest August and Apia with its 7th driest August on record.

For the past three months, rainfall was normal over Afiamalu and Below normal over Apia, Nafanua and Faleolo. Nafanua recorded its 3rd driest June to August on record, followed by Faleolo with its 7th driest June to August and Apia with its 8th driest June to August on record

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2026

Monthly/Seasonal rainfall and temperature Outlook statements

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

The rainfall for October to December 2026 is very likely to be below normal over Samoa.

Maximum temperatures during October 2026 are very likely to be below normal over Upolu. In the northeastern part of Savaii, the outlook shows above normal conditions and for the rest of Samoa, the outlook offers little guidance

Minimum temperatures during October 2026 are very likely to be below normal over Samoa.

Maximum temperatures averaged over October to December 2026 are very likely to be below normal over the western part of Upolu and the whole of Savaii. For the rest of Upolu, the outlook offers little guidance.

Minimum temperatures averaged over October to December 2026; the outlook offers little guidance.

Part 2: Recent Ocean summary statement

Monthly and last three months: August/June to August 2026

August sea surface temperatures (SSTs) were around 0.4 to 0.8°C below normal to -0.4 to 0.4°C near normal around Samoa.

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

August sea levels around Samoa were 60 to 100mm above normal

A coral bleaching “No stress” status is currently in effect for Samoa as of 6 September 2026

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2026

Ocean Variable statement

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

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

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

Averaged over October to December 2026, 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 August was below normal over Samoa, Faleolo recorded its 3rd driest August on record, followed by Nafanua with its 4th driest August and Apia with its 7th driest August on record. For the past three months, rainfall was normal to below normal over Samoa. Nafanua recorded its 3rd driest June to August on record, followed by Faleolo with its 7th driest June to August and Apia with its 8th driest June to August on record
- The rainfall outlook generally indicates below normal rainfall for October 2026 and most likely below normal rainfall over October to December 2026.
- SSTs were near normal for August and from June to August SSTs were near normal. The outlook shows near normal SSTs for the next one and three months.
- Sea levels were below normal for August. Below normal sea levels are predicted for October and October to December 2026

TABLE 3: Stakeholder Engagement – Evaluations of how effective NMS engage with stakeholders (August 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>
NCOF 31st August – 4th September 2026	Farmers Association, Ministry of Fisheries and Agriculture, Samoa Ports Authority and Scientific Research Organisation of Samoa	50	25	25	-	20-45	-
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 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						
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 & Fisheries, Fire Services,	65	27	38	-	25-55	-

	Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines						
Total		115	52	98	-	20-55	-

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
El Niño conditions contributing to drier and hotter-than-normal conditions, increasing the risk of bushfires.	14 August 2026	Bush Fire/Wildfire	Damage to vegetation and property, smoke affecting air quality, and increased risk to communities and the environment		Samalaeulu and Falealupo	Samalaeulu and Falealupo	Agriculture, Forestry, Health, Environment, Communities, Emergency Services	0 Reports