

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 225

Country: **Samoa**

Part 1: Recent climate

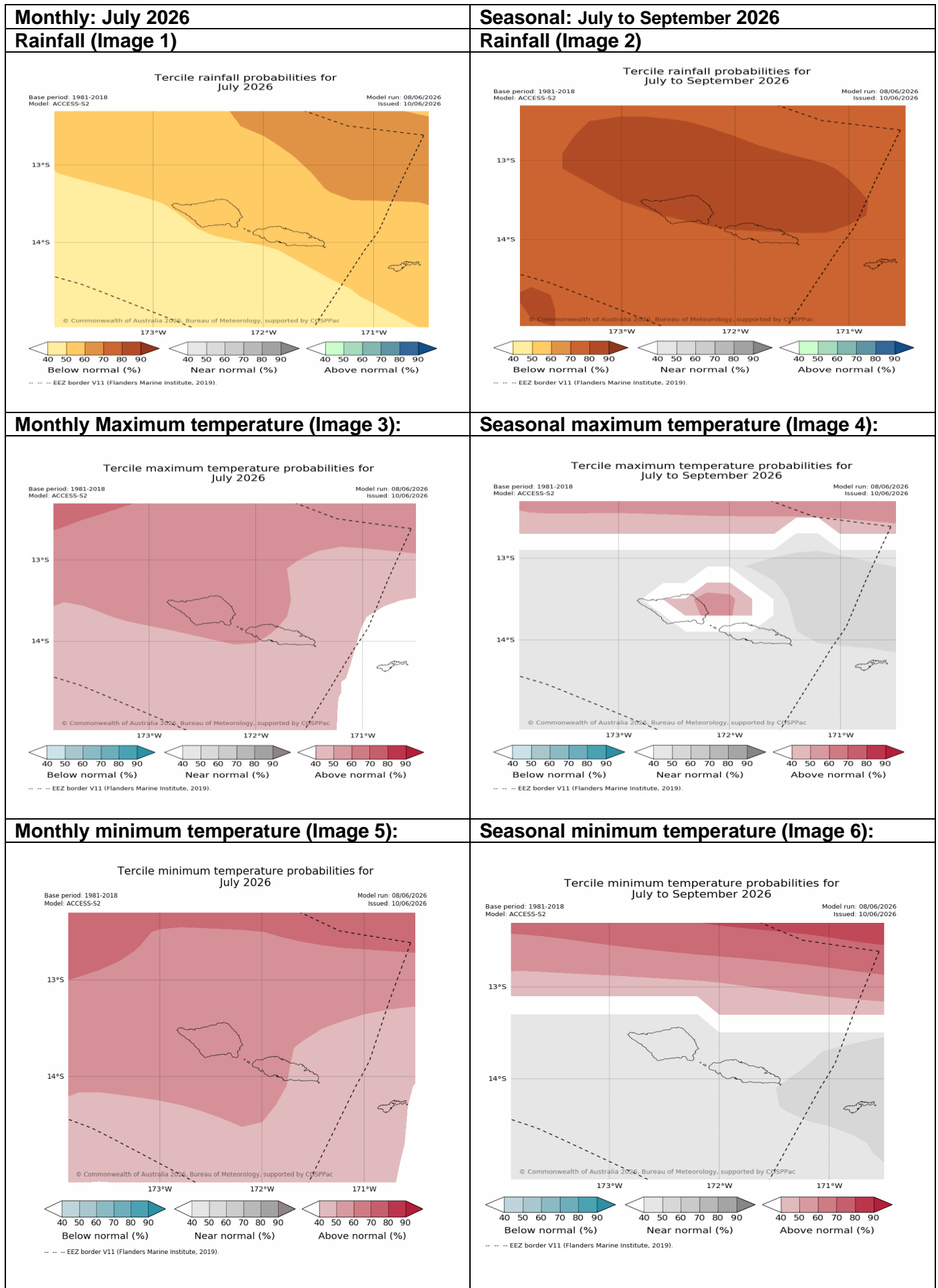
**TABLE 1: Monthly Rainfall**

Station (include data period)	Mar-2026	Apr-2026	May-2026				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Apia (1890-2026)	261.9	77.3	265.9	129.3	216.4	168.0	108/137
Afiamalu (1903-2026)	556.9	228.4	503.1	239.9	368.8	310.6	62/73
Nafanua (1965-2026)	326.4	50.1	308.1	188.3	264.9	212.4	40/55
Faleolo (1956-2026)	199.0	115.1	187.5	102.4	182.8	140.2	45/65

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

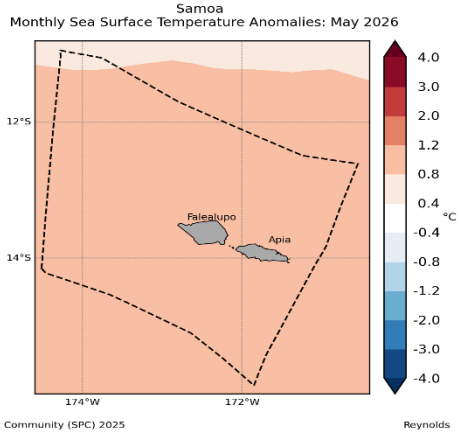
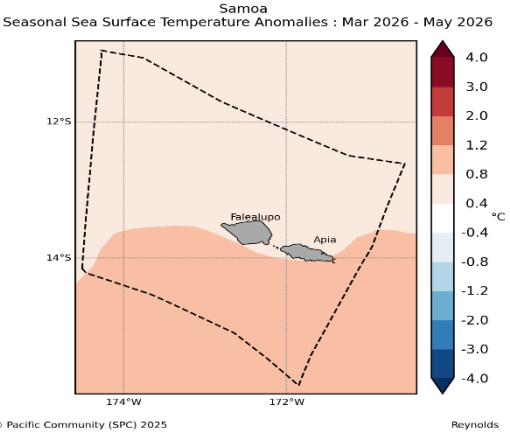
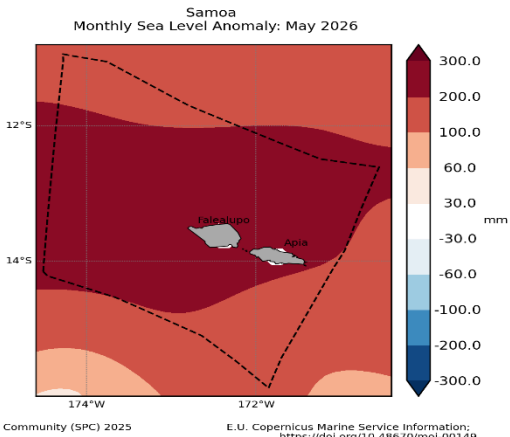
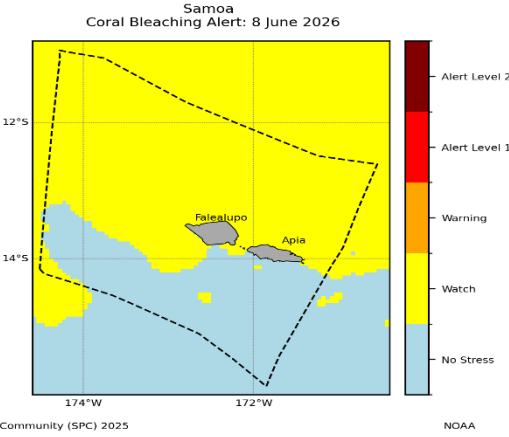
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2026)	605.1	Below normal	658.0	836.8	753.4	33/137
Afiamalu (1903-2026)	1288.4	Normal	986.6	1299.7	1153.2	46/72
Nafanua (1965-2026)	684.6	Below normal	782.9	1005.3	869.1	14/54
Faleolo (1956-2026)	501.6	Normal	477.3	624.7	545.5	27/64

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



## Part 2: Recent Ocean Observation

**Monthly/Three months: May and March to May 2026**

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

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

Monthly: July 2026	Seasonal: July to September 2026
<p><b>Monthly sea surface temperature anomaly (Image 5):</b></p>	<p><b>Seasonal sea surface temperature anomaly (Image 6):</b></p>
<p>Difference from average sea surface temperature forecast for July 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 08/06/2026 Issued: 10/06/2026</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 July to September 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 08/06/2026 Issued: 10/06/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p><b>Monthly sea level anomaly (Image 7):</b></p>	<p><b>Seasonal sea level anomaly (Image 8):</b></p>
<p>Difference from average sea surface height forecast for July 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 08/06/2026 Issued: 10/06/2026</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 July to September 2026</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 08/06/2026 Issued: 10/06/2026</p> <p>© Commonwealth of Australia 2026, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019).</p>
<p><b>National 4-week Coral Bleaching Outlook (Image 9):</b></p>	<p><b>Pacific 4-week Coral Bleaching Outlook (Image 10):</b></p>
	<p>Samoa 16 Week Coral Bleaching Outlook: 21 September 2026</p> <p>Alert Level 2 Alert Level 1 Warning Watch No Stress</p> <p>© Pacific Community (SPC) 2025 NOAA</p>

## **Summary Statement**

### **Monthly and last three months: May/March to May 2026 statement**

The rainfall for May was above normal for the whole of Samoa. Over the past three months, normal rainfall was observed at Afiamalu and Faleolo while Apia and Nafanua recorded below normal rainfall.

### **Part 1i. Monthly and Seasonal Outlooks for July and July to September 2026**

#### **Monthly/Seasonal rainfall and temperature Outlook statements**

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

The seasonal rainfall outlook for July to September 2026 is very likely to be below normal over Samoa

Maximum and minimum temperatures during July 2026 are likely to be above normal over Samoa

Maximum temperatures averaged over July to September 2026 is likely to be above normal over the northeastern part of Savaii, near normal over the eastern part of Upolu and for the rest of Upolu and Savaii, the outlook offers little guidance.

Minimum temperatures averaged over July to September 2026 is likely to be near normal over Samoa

### **Part 2: Recent Ocean summary statement**

#### **Monthly and last three months: May/March to May 2026**

May sea surface temperatures (SSTs) are around 0.8 to 1.2°C above normal.

Averaged over March to May 2026, sea surface temperatures around Samoa were 0.4 to 1.2°C above normal.

May sea levels around Samoa were 100 to 300mm above normal

A coral bleaching Watch status is currently in effect for Samoa as of 8 June 2026

### **Part 2i. Monthly and Seasonal Outlooks for July and July to September 2026**

#### **Ocean Variable statement**

July 2026 sea surface temperatures around Samoa are predicted to be near-normal to 0.4 to 0.8°C above normal.

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

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

Averaged over July to September 2026, sea levels around Samoa are predicted to be 30 to 60 mm below normal

Coral Bleaching outlook indicates “no stress” status for the next 16 weeks.

## **In brief for Teleconference**

- The rainfall for May was above normal for the whole of Samoa. Over the past three months, normal rainfall was observed at Afiamalu and Faleolo while Apia and Nafanua recorded below normal rainfall
- The rainfall outlook generally indicates below normal rainfall for July 2026 and most likely below normal rainfall over July to September 2026.
- SSTs were above normal for May and March to May 2026. The outlook shows near-normal to above normal SSTs for July and near-normal SSTs for July to September.
- May sea levels around Samoa were 100 to 300mm above normal.
- Sea levels were near normal to above normal for May. Near normal sea levels are predicted for July and below normal for July to September 2026.
- A coral bleaching Watch status is currently in effect for Samoa as of 8 June 2026

**TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders (May 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>
<b>Environment Week (ClimSa activities launched) App, AWS, Vehicle, Digital Screen</b>	Education (Primary and College Students), Water Authority (SWA), Media, Health, Works & Infrastructure, Agriculture & Fisheries, Fire Services, Disaster Managers, Marines, ClimSa, SPREP, Minister, delegations from European Union, Australia High Commission, MNRE (Divisions)	200	100	100	1	13-70	
<b>EAR Watch</b>	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	65	27	38	-	25-55	-

	Technology, Disaster Managers, Marines						
<b>Seasonal Climate Outlook</b>	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	-
<b>Ocean Outlook</b>	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	65	27	38	-	25-55	-

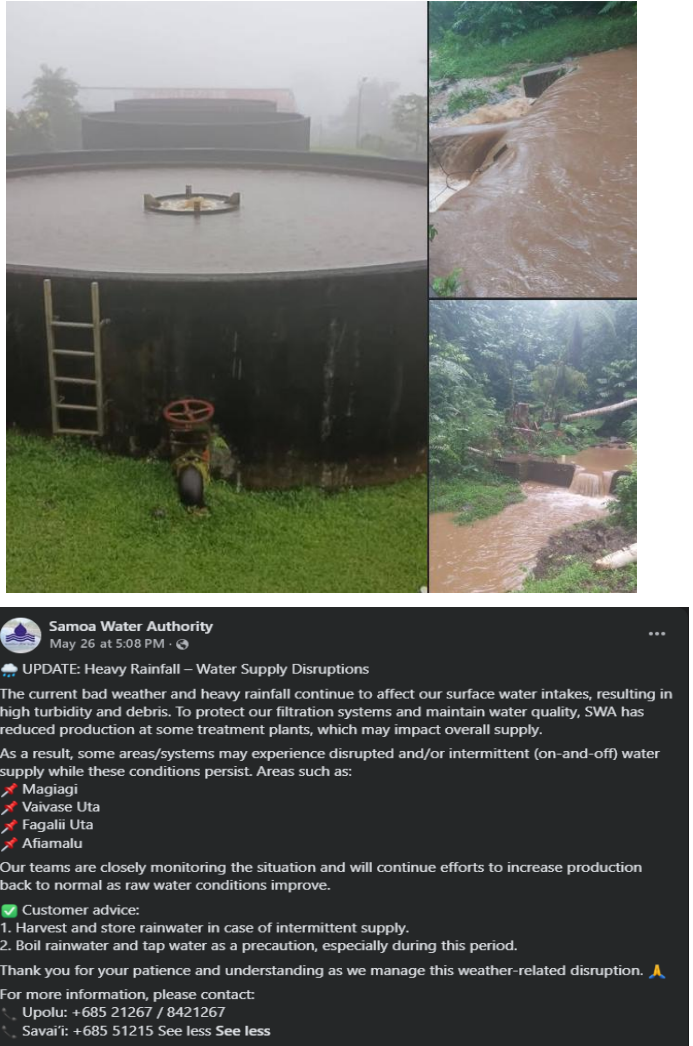
	Managers, Marines						
<b>Total</b>		265	127	138	1	13-70	-

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

**Table 4: Impacts of Severe weather and climate events**

Country: Samoa

ENSO Phase: Neutral

Synoptic Situation	Date	Type of Hazard	Impacts	Image	Lat/Long	Sectors affected	No. of Deaths
Tropical Disturbance	26/05/26	Severe Weather Event	Heavy rainfall, flash flooding, strong winds, rough seas, coastal inundation in exposed areas		<ul style="list-style-type: none"> <li>• Malolelei Intake</li> <li>• 13°53'47.09"S 171°46'24.18"W</li> <li>• Fagalii Intake</li> <li>• 13°52'18.63"S 171°45'12.06"W</li> <li>• Vailele Intake</li> <li>• 13°53'59.26"S 171°44'28.10"W</li> </ul>	Water Supply, transport (marine & road), agriculture, infrastructure, communities	0 Reports