

Country: Samoa

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2025	Mar-2025	Apr-2025				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Apia (1890-2025)	430.0	308.9	167.0	180.9	269.9	220.0	41/136
Afiamalu (1903-2025)	841.6	544.7	336.9	276.5	386.2	331.3	37/72
Nafanua (1965-2025)	596.5	375.0	177.3	180.1	305.6	234.2	18/55
Faleolo (1956-2025)	310.6	211.9	100.9	135.2	187.4	158.1	19/64

TABLE 2: Three-month Total Rainfall for February to April 2025

Insert Table 2 (copied from Excel) on the line below, then delete this line of text.

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Apia (1890-2025)	905.9	Normal	829.7	1012.4	935.0	62/136
Afiamalu (1903-2025)	1723.2	Above normal	1374.7	1607.3	1465.1	55/70
Nafanua (1965-2025)	1148.8	Normal	917.6	1160.0	1062,8	35/53
Faleolo (1956-2025)	623.4	Normal	592.0	701.7	636.4	28/64

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2025

<div>Monthly: June</div> <div><p>Tercile rainfall probabilities for June 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal: June to August</div> <div><p>Tercile rainfall probabilities for June to August 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
<div>Monthly Maximum temperature:</div> <div><p>Tercile maximum temperature probabilities for June 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal maximum temperature:</div> <div><p>Tercile maximum temperature probabilities for June to August 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
<div>Monthly minimum temperature:</div> <div><p>Tercile minimum temperature probabilities for June 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div>Seasonal minimum temperature:</div> <div><p>Tercile minimum temperature probabilities for June to August 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by CSIRO</p><p>Below normal (%) Near normal (%) Above normal (%)</p><p>-- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>

Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2025

Monthly: April 2025	Last three months: February to April 2025:
Sea Surface Temperature Anomaly :	Sea Surface Temperature Anomaly (Image 4):
Sea level anomaly (Image 2):	
National daily coral bleaching alert (Image 3):	Pacific daily coral bleaching alert (Image 3):
<div><p>Samoa Daily Coral Bleaching Alert: 03 May 2025</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>Pacific Ocean Daily Coral Bleaching Alert: 03 May 2025</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2025

Monthly: June	Seasonal: June to August
Monthly sea surface temperature anomaly (Image 5):	Seasonal sea surface temperature anomaly (Image 6):
<div><p>Difference from average sea surface temperature forecast for June 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div><p>Difference from average sea surface temperature forecast for June to August 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
Monthly sea level anomaly (Image 7):	Seasonal sea level anomaly (Image 8):
<div><p>Difference from average sea surface height forecast for June 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div><p>Difference from average sea surface height forecast for June to August 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/05/2025 Issued: 07/05/2025</p><p>© Commonwealth of Australia 2025, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
National 4-week Coral Bleaching Outlook (Image 9):	Pacific 4-week Coral Bleaching Outlook (Image 9):
<div><p>Samoa 4 Weeks Coral Bleaching Outlook: 25 May 2025</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>4 Weeks Coral Bleaching Outlook: 25 May 2025 PACIFIC OCEAN</p><p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>

Summary Statement

Monthly and last three months: April 2025/February to April 2025 statement

The rainfall for April was below normal over Apia, Nafanua and Faleolo while Afiamalu received normal rainfall. For the past three months, rainfall was normal for all stations, except for Afiamalu with above normal rainfall.

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for June is likely to be near-normal over all of Samoa.

The rainfall for June to August is likely to be above normal over Upolu, Manono and Apolima. In Savaii, the outlook offers little guidance

Maximum and minimum temperatures during June are likely to be above normal over all of Samoa.

Maximum and minimum temperatures averaged over June to August are very likely to be above normal over Upolu, Savaii, Manono and Apolima.

Part 2: Recent Ocean summary statement

Monthly and last three months: April 2025/February to April 2025

A coral bleaching Watch status is currently in effect for Samoa as of 03rd May 2025.

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2025

Ocean Variable statement

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

Averaged over June to August, sea surface temperatures around Samoa are predicted to be 0.4 to 0.8°C near normal.

June sea levels around Samoa are predicted to be near-normal.

Averaged over June to August, sea levels around Samoa are predicted to be near-normal.

Coral Bleaching outlook indicates Watch status for the next 4 weeks.

In brief for Teleconference

- Rainfall was generally below normal for April and normal February to April period.
- The rainfall outlook generally indicates normal is most likely outcome in June but above normal for total rainfall over June to August for Upolu
- SSTs were above normal for April and February to April. The outlook shows above normal SSTs for the next one and three months.
- Near normal sea levels are predicted for June and June to August.
- A Coral bleach WATCH is in effect for Samoa

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: April 2025	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
EAR Watch	28 th	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	85	37	48		21-50	No Comments
Ocean Outlook	28 th	RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National	85	37	48		21-50	No Comments

		University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines						
Seasonal Climate Outlook	28 th	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	85	37	48		21-50	No Comments
		Total	85	37	48			