# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 209

**Country: Samoa** 

**Part 1: Recent climate** 

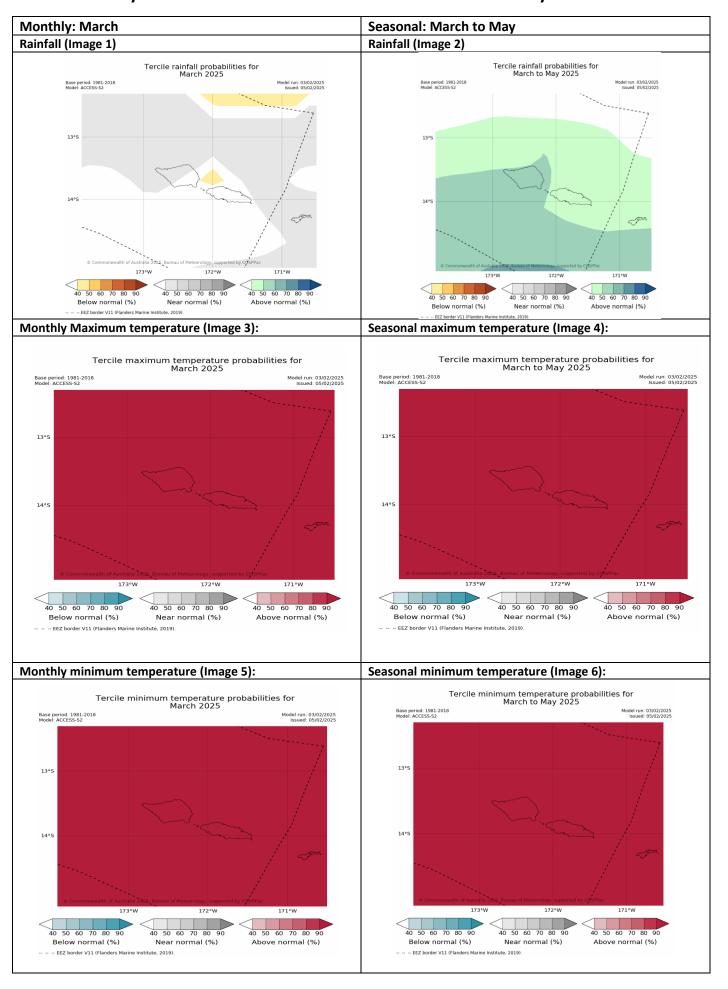
**TABLE 1: Monthly Rainfall** 

	Nov- 2024	Dec-2024	Jan-2025					
Station (include data period)			Total (mm)	33%tile	67%tile	Median	Rank	
	Total (mm)	Total (mm)	Rainfall (mm)					
Apia (1890-2025)	278.3	437.6	364.8	364.8 352.7 492.7			49/136	
Afiamalu (1903-2025)	373.7	601.9	889.2	559.1	807.6	693.3	52/72	
Nafanua (1965-2025)	291.8	584.3	672.6	362.6	702.4	448.8	32/51	
Faleolo (1956-2025)	123.3	281.1	318.3	214.6	356.3	284.4	38/65	

**TABLE 2: Three-month Total Rainfall for November 2024 to January 2025** 

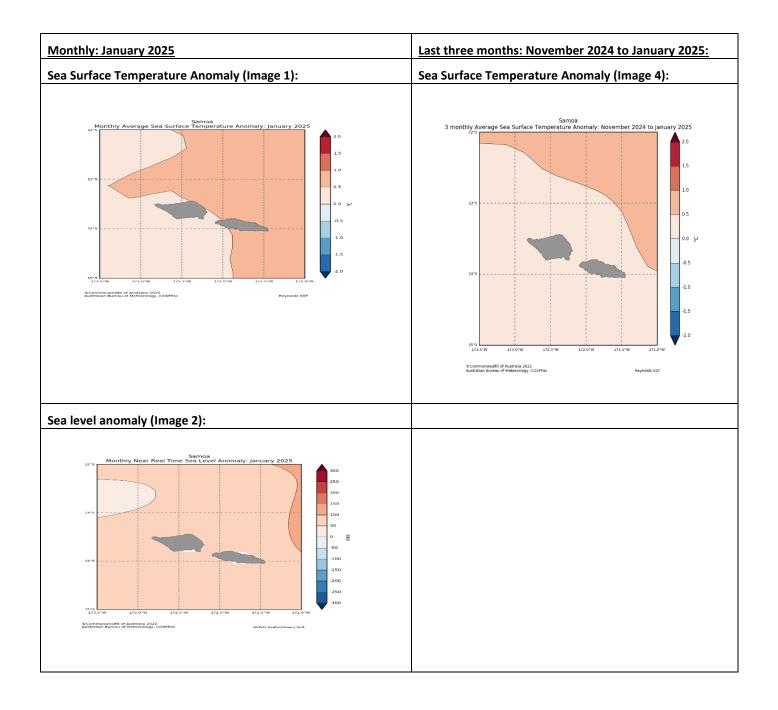
Station	Three-r	nonth Total	33%tile	67%tile	Median	Rank	
(1222 222)	Rainfall (mm)						
Apia (1890-2025)	1080.7	Normal	954.6	1208.6	1055.4	72/134	
Afiamalu (1903-2025)	1864.8	Normal	1492.3	2016.5	1814.3	40/70	
Nafanua (1965-2025)	1548.7	Above normal		1478.1	1252.6	35/48	
Faleolo (1956-2025)	722.7	Normal	699.8	893.1	792.8	25/63	

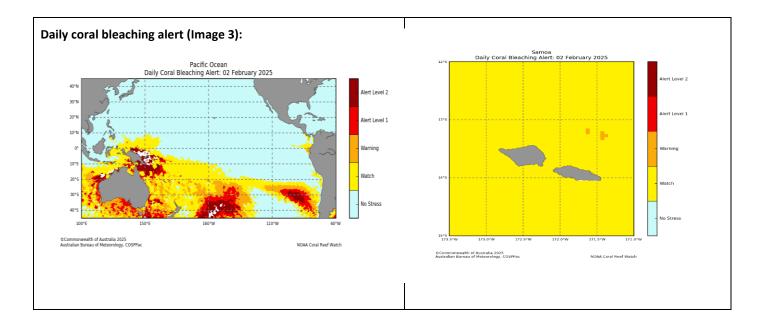
# Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025



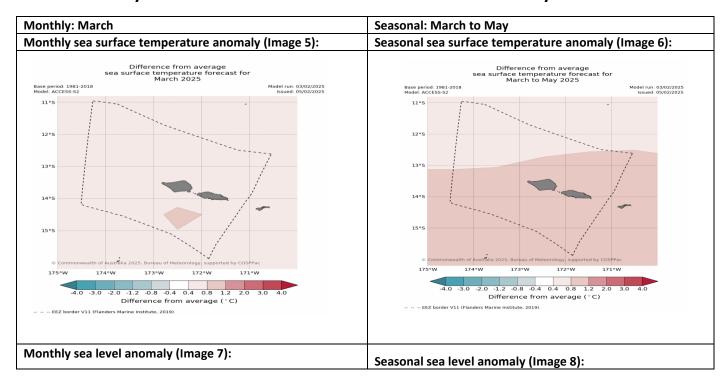
# **Part 2: Recent Ocean Observation**

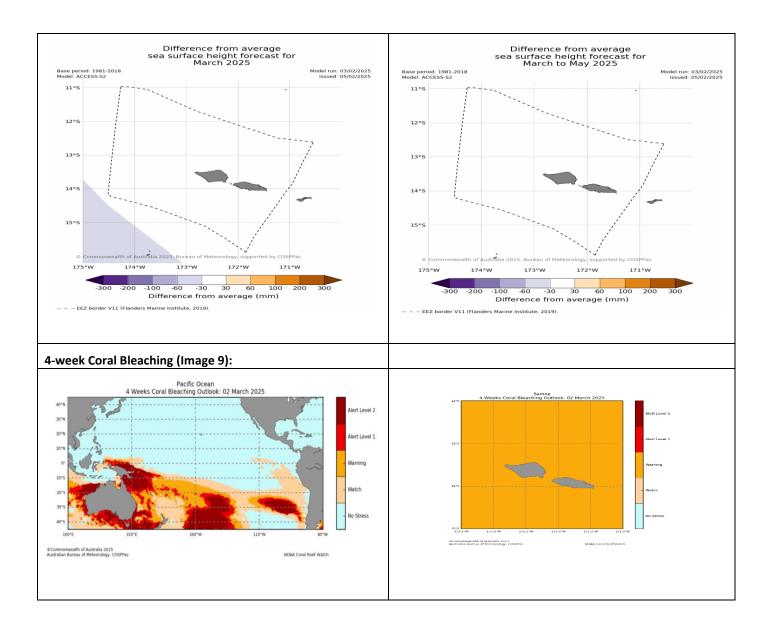
## Monthly/Three months: January 2025 and November 2024 to January 2025





# Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025





### **Summary Statement**

#### Monthly and last three months: January 2025/November 2024 to January 2025 statement

The rainfall for January was above normal over Afiamalu while Apia, Nafanua and Faleolo received normal rainfall. For the past three months, rainfall was above normal over Nafanua while Apia, Afiamalu and Faleolo recorded normal rainfall.

### Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

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

The rainfall for March is likely or very likely to be near-normal over the far western side of Savaii. In the south eastern side of Savaii, and the rest of Upolu, the outlook offers little guidance.

The rainfall for March to May is likely to be above normal over both Upolu and Savaii.

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

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: January 2025/November 2024 to January 2025

January sea surface temperatures (SSTs) around Samoa were utmost 0.5°C above normal.

January sea levels around Samoa were utmost 100mm above-normal

A coral bleaching Watch status is currently in effect for the islands of Samoa as of 02<sup>nd</sup> February 2025.

### Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025

#### **Ocean Variable statement**

March sea surface temperatures around Samoa are predicted to be 0.4 to 0.8°C above normal.

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

March and averaged over March to May, sea levels around Samoa are predicted to be -30 to 30mm near-normal.

Coral Bleaching outlook indicates a Warning status for the next 12 weeks.

#### In brief for Teleconference

- Rainfall was near-normal to above normal for January and November to January, Afiamalu recording above normal rainfall and Nafanua with above normal for the last three months.
- The rainfall outlook generally gives little guidance most likely in March but above normal for total rainfall over March to May
- SSTs were above normal for January and November to January. The outlook shows above normal SSTs for the next one and three months.
- Sea levels were above normal for January. Near-normal sea levels are predicted for March and March to May.

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

Product	Date: January 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Disability	Age group	Comments (If there are comments from you Stakeholders)
Climate Bulletin								
EAR Watch								
Monthly Climate Briefing								
Ocean Outlook								

Climate data request					
Total					