# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 186

**Country: Samoa** 

**Part 1: Recent climate** 

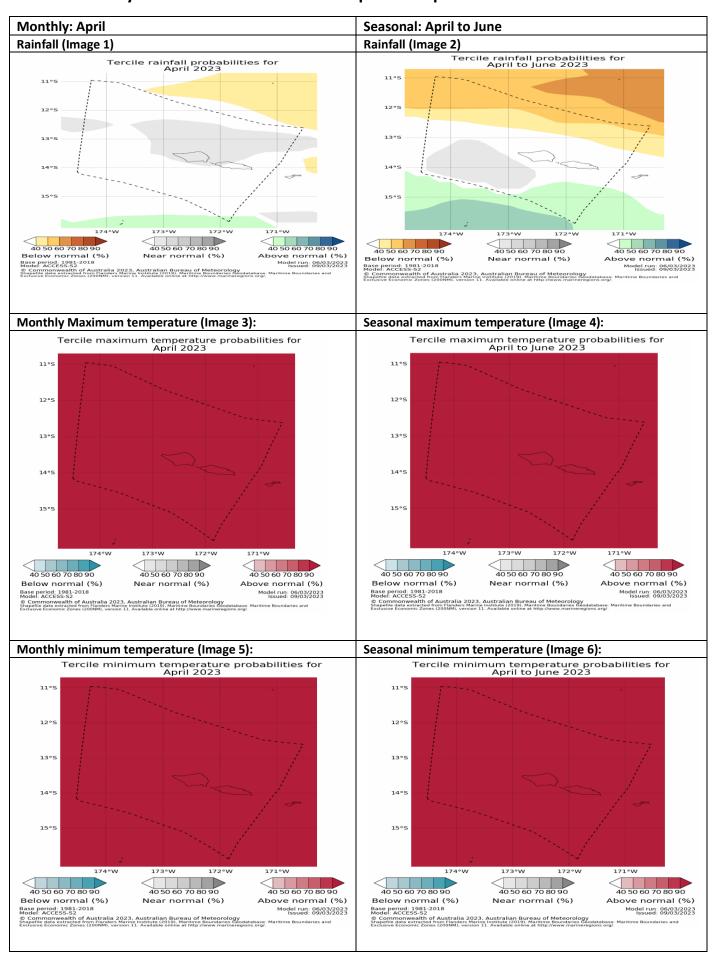
**TABLE 1: Monthly Rainfall** 

Station (include data period)	Dec-2022	Jan-2023	Feb-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Apia (1890-2023)	313.7	506.5	325.6	272.7	422.7	346.7	61/134
Afiamalu (1903-2023)	816.6	787.5	608.0	420.2	705.1	548.9	34/70
Nafanua (1965-2023)	365.1	518.8	381.0	363.3	501.7	406.7	16/51
Faleolo (1956-2023)	133.4	346.3	292.0	193.7	297.1	238.5	41/62

**TABLE 2: Three-month Total Rainfall for December 2022 to February 2023** 

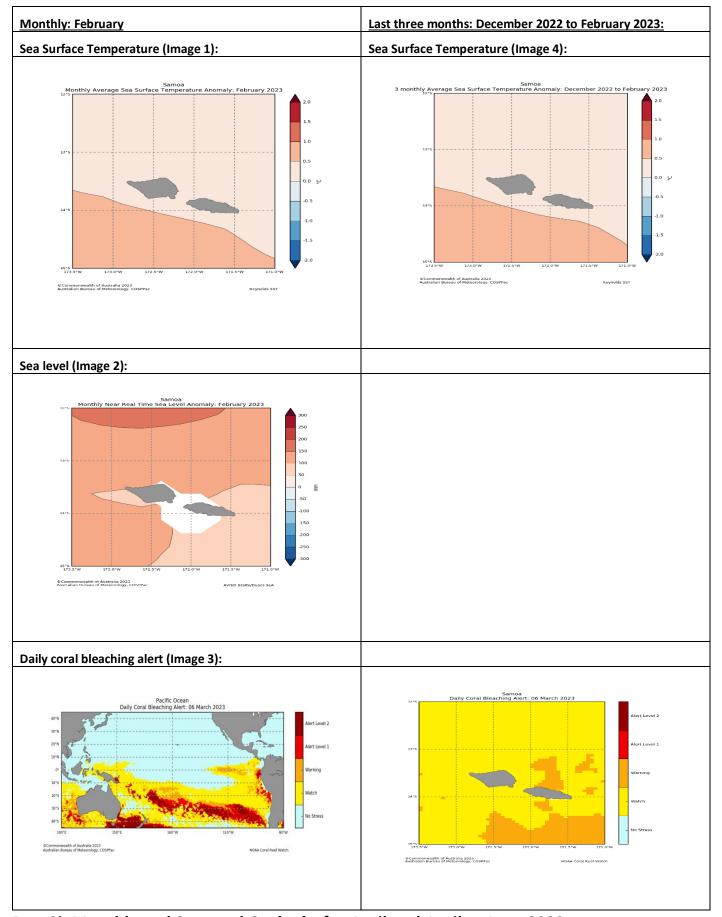
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Apia (1890-2023)	1145.8	Normal	1032.6	1340.2	1147.0	66/132	
Afiamalu (1903-2023)	2212.1	Normal	1649.4	2347.4	1997.3	39/68	
Nafanua (1965-2023)	1264.9	Normal	1202.5	1711.9	1411.4	17/46	
Faleolo (1956-2023)	771.7	Normal	769.8	964.9	877.7	22/60	

# Part 1i. Monthly and Seasonal Outlooks for April and April to June 2023

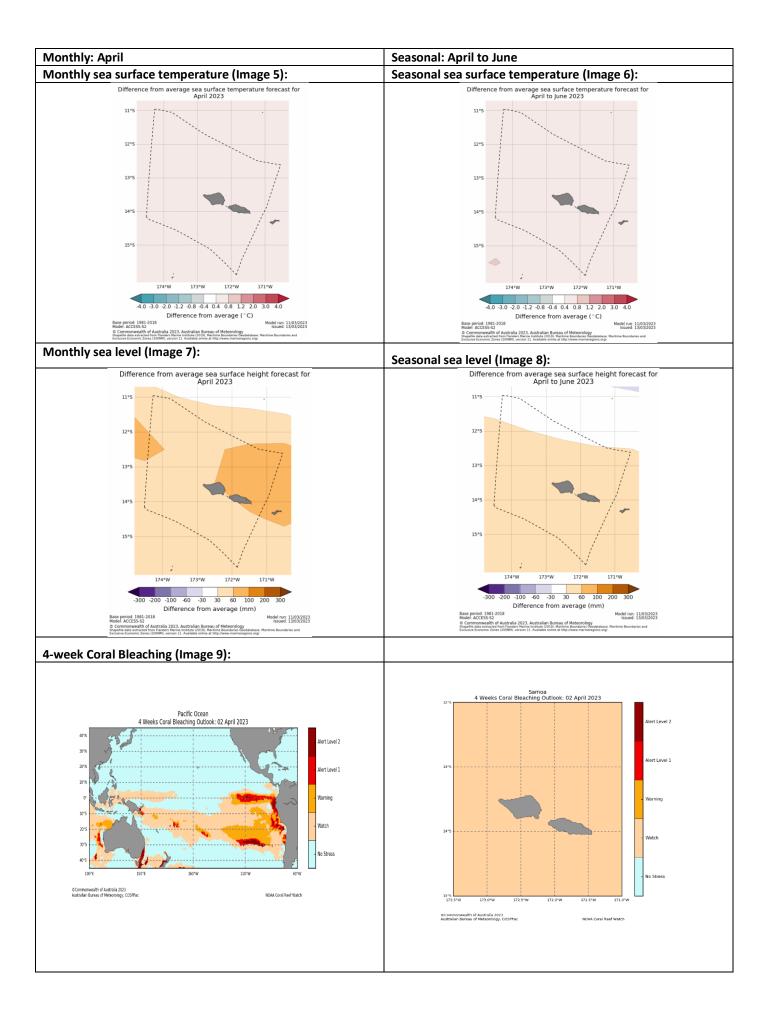


# **Part 2: Recent Ocean Observation**

# Monthly/Three months: February 2023 and December 2022 to February 2023



Part 2i. Monthly and Seasonal Outlooks for April and April to June 2023



# **Summary Statement**

#### Monthly and last three months: February 2023/December 2022 to February 2023 statement

Normal rainfall was recorded at all stations in February 2023.

The three-monthly December 2022 to February 2023 rainfall was normal at all stations.

### Part 1i. Monthly and Seasonal Outlooks for April and April to June 2023

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

The rainfall for April is likely to be near-normal over Savaii and the western part of Upolu. In the eastern part of Upolu, the outlook offers little guidance.

The rainfall outlook for April to June over Samoa offers little guidance.

Maximum and minimum temperatures during April and averaged over April to June are likely to be above normal.

## Part 2: Recent Ocean summary statement

#### Monthly and last three months: February 2023/December 2022 to February 2023

February ocean temperatures around Samoa's main islands were up to 0.5°C *near normal*, while temperatures across the southwest and southern parts of the EEZ were between 0.5 and 1.0°C *above normal*.

Averaged over December to February, ocean temperatures around Samoa were very similar to those observed in February.

February sea levels around Samoa were 50 mm to 150 mm above normal.

There is a coral bleaching watch for Samoa's main islands, and a warning for the southeast of the EEZ.

# Part 2i. Monthly and Seasonal Outlooks for April and April to June 2023

#### **Ocean Variable statement**

April ocean temperatures around Samoa are predicted to be 0.4°C to 0.8°C above normal.

Averaged over April to June, ocean temperatures around Samoa are predicted to be 0.4°C to 0.8°C above normal.

April sea levels around Samoa are predicted to be 30mm to 100mm above normal.

Averaged over April to June, sea levels around Samoa are predicted to be 30mm to 60mm above normal.

There is a coral bleaching watch outlook for Samoa.

Product	Date: February 2023	Stakeholder	Total Number of Participants	Number of male	Number of female
EAR Watch	23th	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
Ocean Outlook	16th	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
		Total	65	27	38