# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 191

**Country: Samoa** 

Part 1: Recent climate

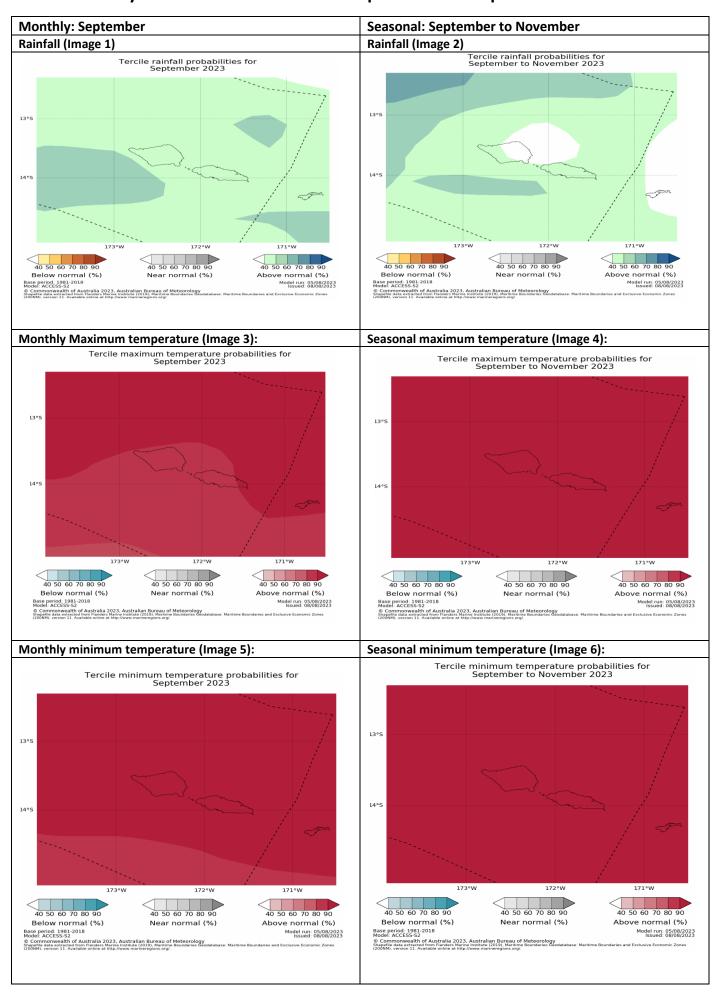
**TABLE 1: Monthly Rainfall** 

	May-2023	Jun-2023	Jul-2023				
Station (include data period)	,		Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Naiik
Apia (1890-2023)	258.1	131.4	209.3	74.0	130.0	96.4	121/134
Afiamalu (1903-2023)	507.6	151.3	268.8	142.2	260.6	207.6	49/72
Nafanua (1965-2023)	376.7	157.2	219.2	90.6	168.6	126.4	42/52
Faleolo (1956-2023)	381.3	111.0	114.0	53.2	103.4	75.0	48/63

**TABLE 2: Three-month Total Rainfall for May to July 2023** 

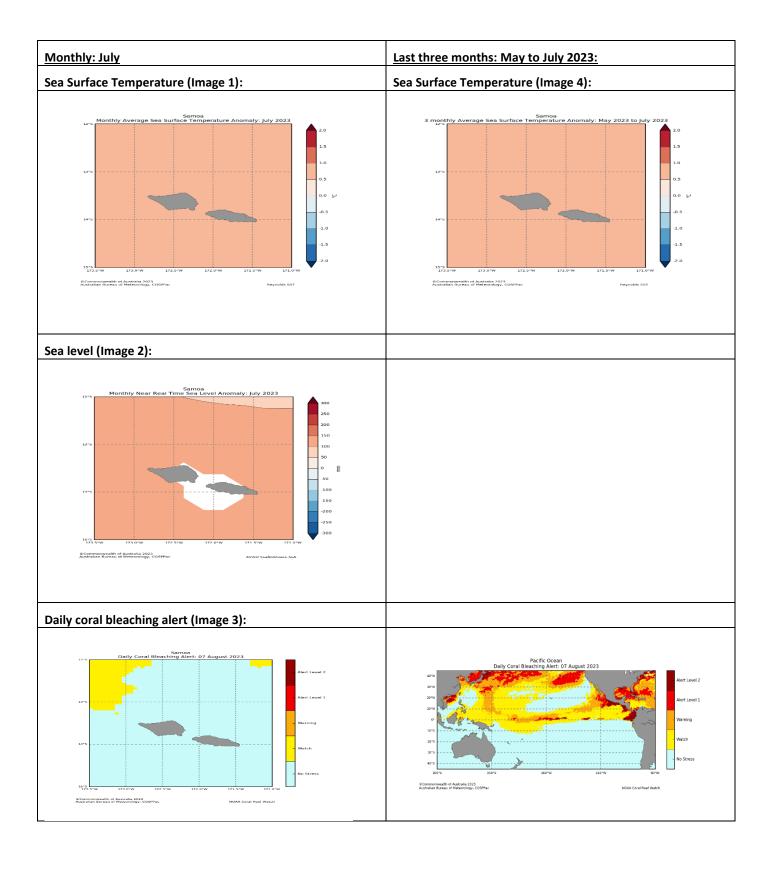
Station	Three-	Three-month Total		67%tile Mediar		Rank	
		Rainfall (mm)					
Apia (1890-2023)	598.8	Above normal	337.0	493.9	412.4	113/134	
Afiamalu (1903-2023)	927.7	Above normal	625.1	855.6	738.2	54/69	
Nafanua (1965-2023)	753.1	Above normal	438.8	634.1	523.6	44/51	
Faleolo (1956-2023)	606.3	Above normal	274.6	391.5	311.4	60/61	

# Part 1i. Monthly and Seasonal Outlooks for September and September to November 2023

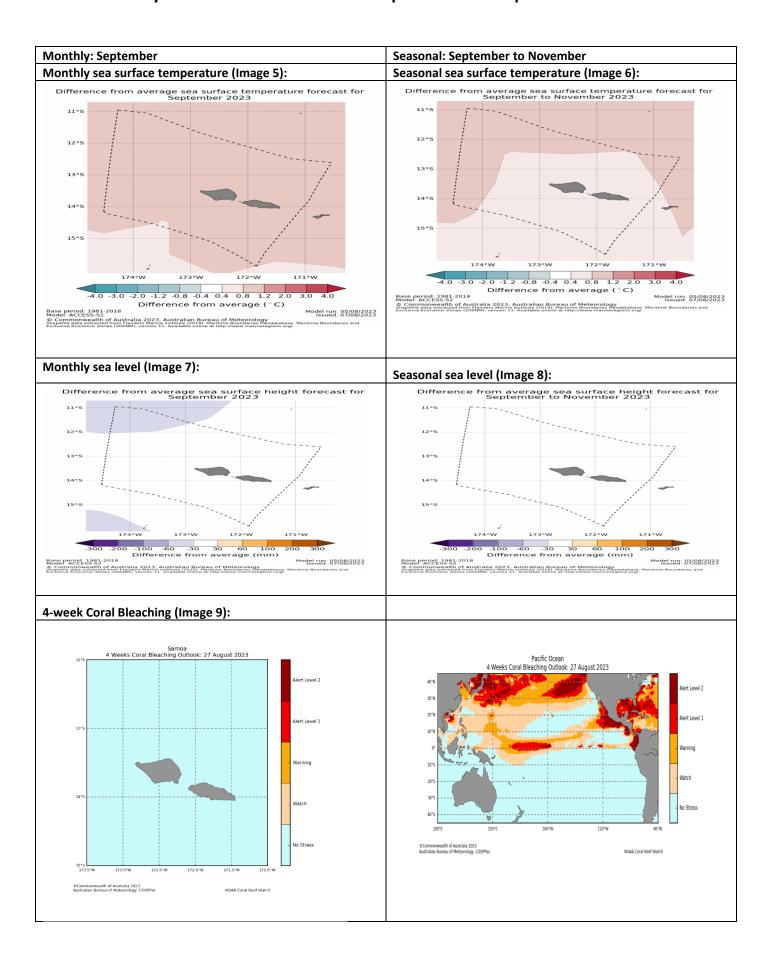


# **Part 2: Recent Ocean Observation**

Monthly/Three months: May and May to July 2023



# Part 2i. Monthly and Seasonal Outlooks for September and September to November 2023



### **Summary Statement**

#### Monthly and last three months: July 2023/May to July 2023 statement

Above normal rainfall was recorded at all stations for July 2023 and for the May to July period.

Faleolo posted its second wettest May to July on record.

### Part 1i. Monthly and Seasonal Outlooks for September and September to November 2023

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

The rainfall for September is likely to be above normal across Samoa.

The rainfall for September to November is likely to be above normal over the western part of Savaii and the whole of Upolu, while the outlook for the eastern part of Savaii offers little guidance.

Maximum and minimum temperatures during September and averaged over September to November are very likely to be above normal across the country.

### Part 2: Recent Ocean summary statement

#### Monthly and last three months: July 2023/May to July 2023

July ocean temperatures around Samoa's main island were 0.5 to 1.0°C above normal.

Averaged over May to July, ocean temperatures around Samoa were 0.5 to 1.0°C above normal.

July sea levels around Samoa were 100mm to 150mm above normal.

The coral bleaching alert for Samoa shows no thermal stress.

### Part 2i. Monthly and Seasonal Outlooks for September and September to November 2023

#### **Ocean Variable statement**

September ocean temperatures around Samoa are predicted to be 0.8°C to 1.2°C above normal.

Averaged over September to November, ocean temperatures around Samoa are predicted to be 0.4°C to 1.2°C above normal.

September sea levels around Samoa are predicted to be near normal.

Averaged over September to November, sea levels around Samoa are predicted to be near normal.

The coral bleaching outlook for Samoa shows no thermal stress for the next four weeks.

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

Product	Date: July 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
EAR Watch	10 <sup>th</sup>	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	
Seasonal Rainfall Outlook	5 <sup>th</sup>	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	