# Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 190

**Country: Samoa** 

Part 1: Recent climate

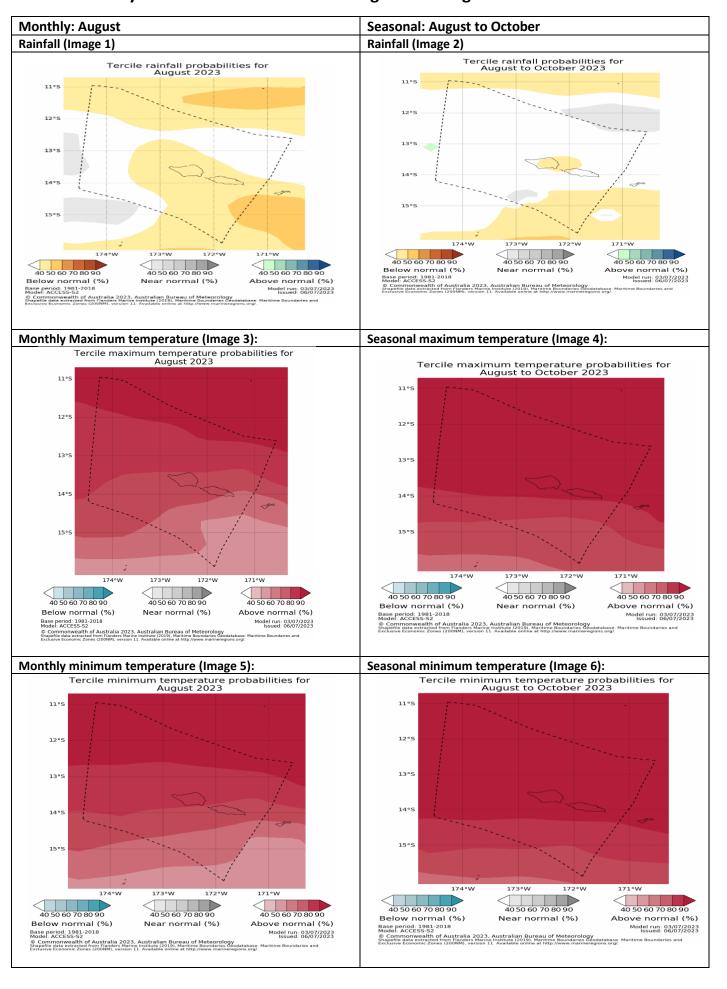
**TABLE 1: Monthly Rainfall** 

Station (include data period)	Apr-2023	May-2023	Jun-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nank
Apia (1890-2023)	170.3	258.1	131.4	88.1	147.3	119.0	79/134
Afiamalu (1903-2023)	365.9	507.6	151.3	136.0	247.8	168.9	27/70
Nafanua (1965-2023)	215.8	376.7	157.2	103.5	152.4	120.2	36/52
Faleolo (1956-2023)	129.9	381.3	111.0	58.4	115.1	80.0	41/62

**TABLE 2: Three-month Total Rainfall for April to June 2023** 

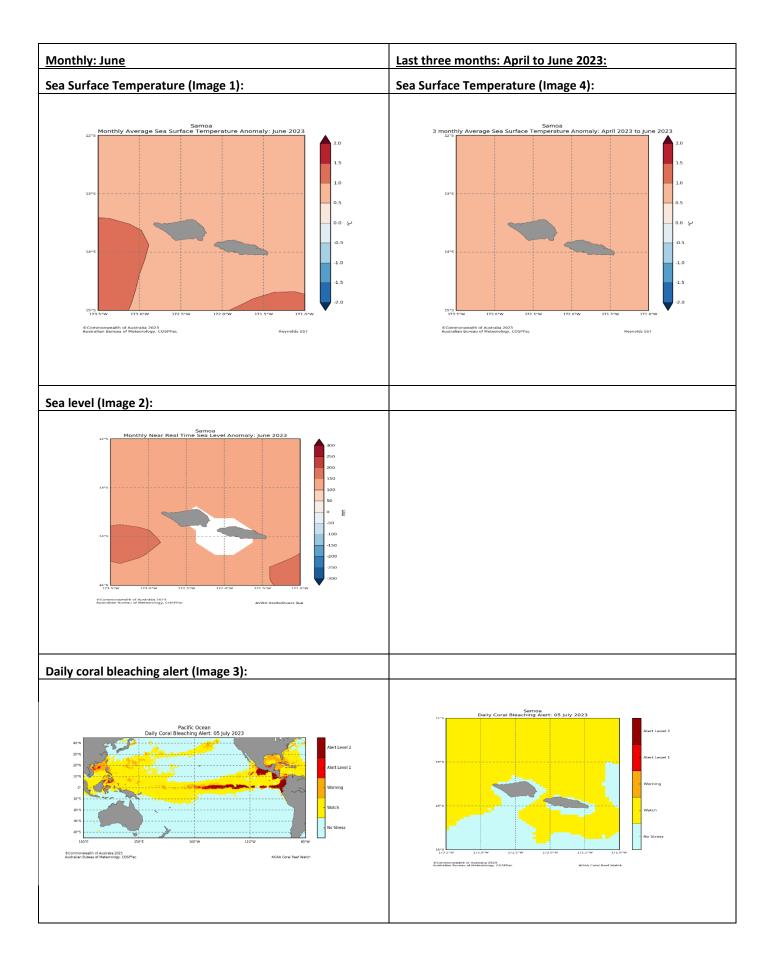
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Apia (1890-2023)	559.8	Normal	457.0	651.3	545.0	70/134	
Afiamalu (1903-2023)	1024.8	Above normal	756.2	973.7	869.7	51/69	
Nafanua (1965-2023)	749.7	Above normal	524.3	735.1	676.0	35/51	
Faleolo (1956-2023)	622.2	Above normal	343.4	463.8	400.1	54/60	

# Part 1i. Monthly and Seasonal Outlooks for August and August to October 2023

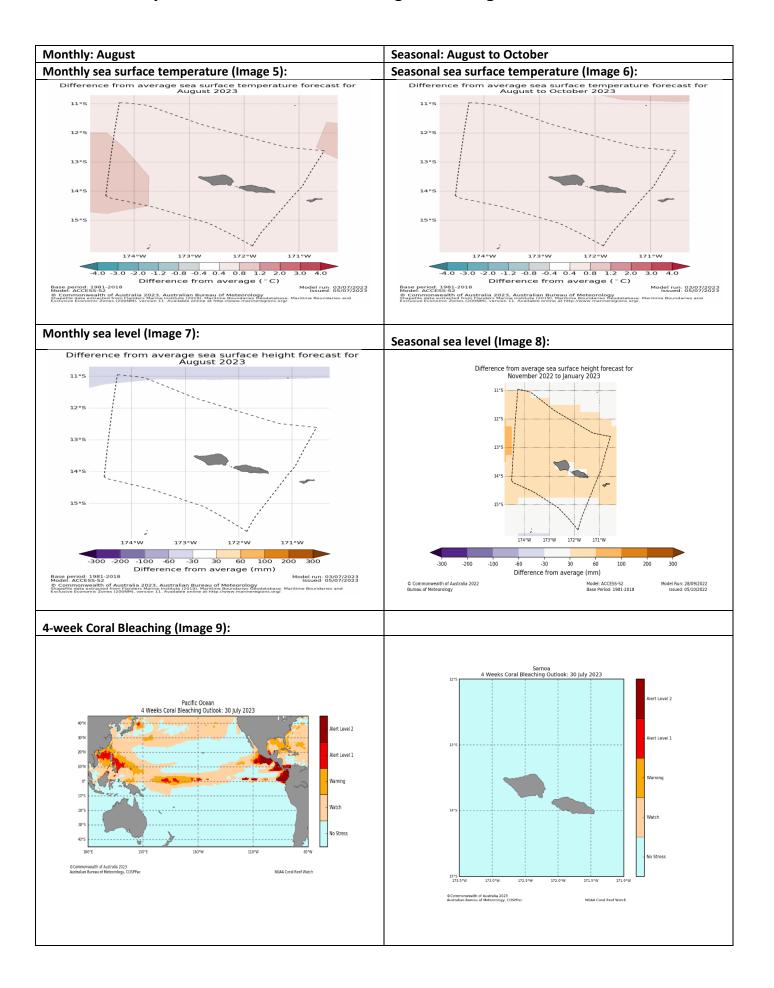


# **Part 2: Recent Ocean Observation**

## Monthly/Three months: April and April to June 2023



# Part 2i. Monthly and Seasonal Outlooks for August and August to October 2023



### **Summary Statement**

#### Monthly and last three months: June 2023/April to June 2023 statement

Above normal rainfall was recorded at Nafanua while Apia, Afiamalu and Faleolo received normal rainfall for June 2023.

Afiamalu, Nafanua and Faleolo experienced *above normal* rainfall over the past three months, while Apia received *normal rainfall* conditions. Faleolo recorded its 7<sup>th</sup> wettest April to June on record.

### Part 1i. Monthly and Seasonal Outlooks for August and August to October 2023

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

The rainfall for August is likely to be below normal.

The rainfall for August to October is likely to be below normal over the eastern part of Savaii and the far western part of Upolu while the outlook for rest of Samoa offers little guidance.

Maximum and minimum temperatures during August are very likely to be above normal

Maximum and minimum temperatures averaged over August to October are very likely to be above normal

#### Part 2: Recent Ocean summary statement

#### Monthly and last three months: June 2023/April to June 2023

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

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

June sea levels around Samoa were 100mm to 200mm above normal.

There is a coral bleaching watch over Samoa.

### Part 2i. Monthly and Seasonal Outlooks for August and August to October 2023

#### **Ocean Variable statement**

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

Averaged over August to October, ocean temperatures around Samoa are predicted to be 0.8°C to 1.2°C above normal.

August sea levels around Samoa are predicted to be normal.

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

The 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: June 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	
TK workshop	27 <sup>th</sup> , 28 <sup>th</sup>	Samoa Met	25	20	5	
Total			90	47	43	