Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 201

Country: Samoa

Part 1: Recent climate

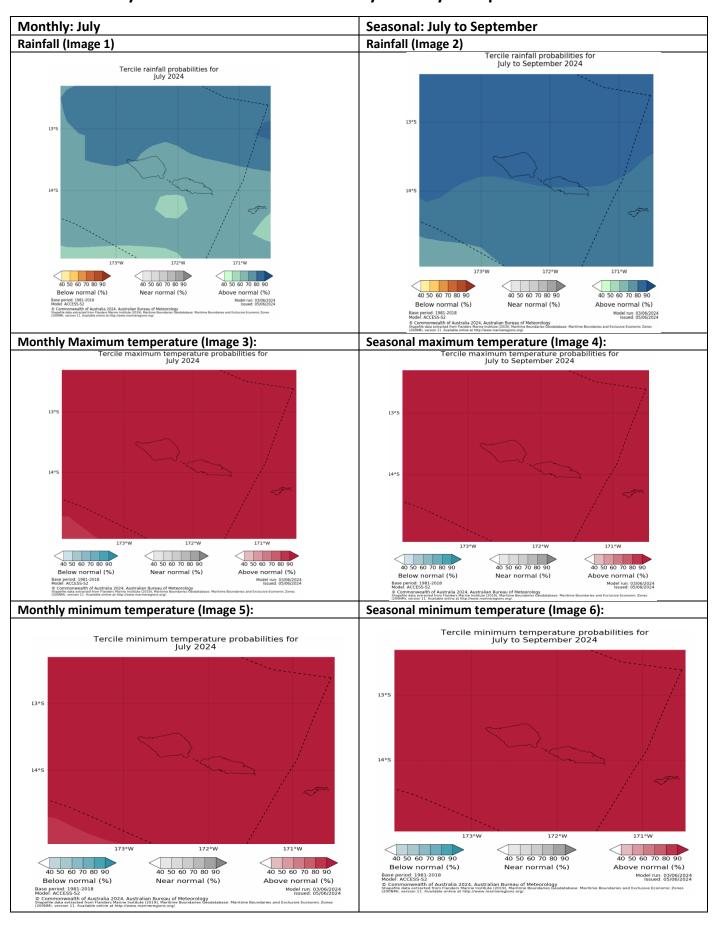
TABLE 1: Monthly Rainfall

Station (include data period)	Mar-2024	Apr-2024	May-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				None
Apia (1890-2024)	194.5	206.6	300.2	128.4	212.4	166.5	118/135
Afiamalu (1903-2024)	142.4	260.7	576.4	235.0	364.6	306.8	65/71
Nafanua (1965-2024)	131.5	179.0	502.4	187.7	261.1	204.8	51/53
Faleolo (1956-2024)	94.7	164.4	286.4	101.9	179.8	135.6	56/63

TABLE 2: Three-month Total Rainfall for March to May 2024

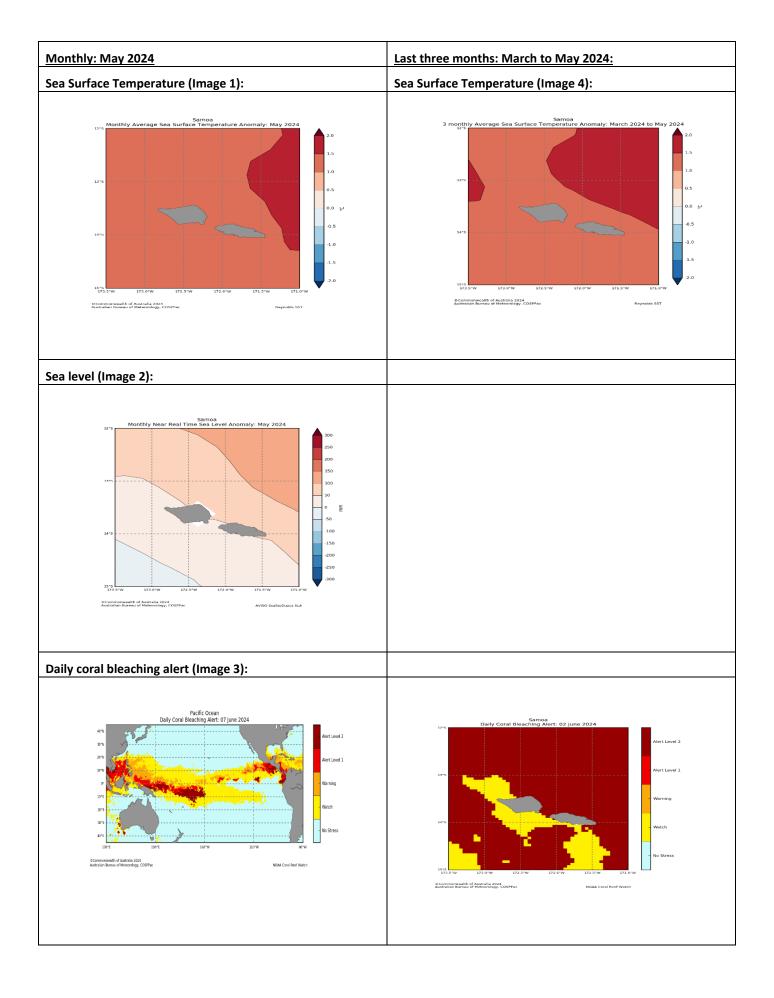
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Apia (1890-2024)	701.3	Normal	656.7	835.4	753.4	60/135	
Afiamalu (1903-2024)	979.5	Below normal	989.8	1299.5	1153.2	24/70	
Nafanua (1965-2024)	812.9	Normal	770.3	994.9	869.1	20/52	
Faleolo (1956-2024)	545.5	Normal	472.6	622.7	536.2	32/62	

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024

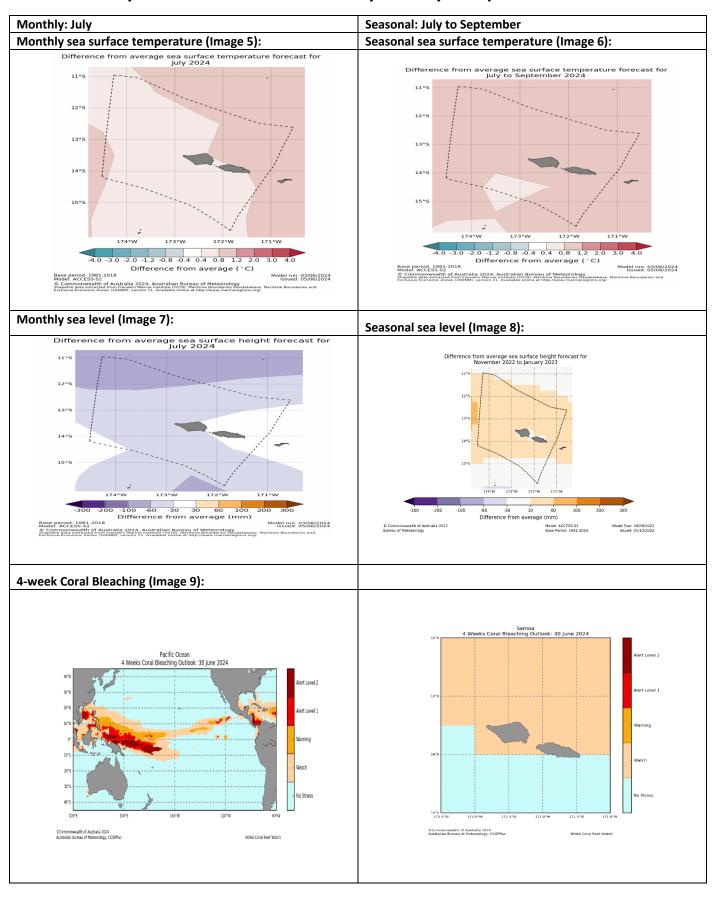


Part 2: Recent Ocean Observation

Monthly/Three months: May 2024 and March to May 2024



Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024



Summary Statement

Monthly and last three months: May 2024/March to May 2024 statement

Above normal rainfall was recorded in May over Samoa. For the past three months, rainfall was near-normal for Apia, Nafanua and Faleolo stations while Afiamalu station received below normal rainfall. Nafanua recorded its 3rd wettest May on record.

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for July and over July to September is very likely to be above normal over Samoa.

Maximum and minimum temperatures during July and averaged over July to September are very likely to be *above normal* over Samoa

Part 2: Recent Ocean summary statement

Monthly and last three months: May 2024/March to May 2024

May ocean temperatures around Samoa's main Island were 1.0 to 2.0°C above normal

Averaged over March to May, ocean temperatures around Samoa's main Island were 1.0 to 2.0°C above normal

May sea levels around Samoa were 0mm to 100mm above normal

There is a coral bleaching 'Watch to Alert Level 2' for Samoa

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024

Ocean Variable statement

July and averaged over July to September, Ocean temperatures around Samoa's main island are likely to be 0.4 to 0.8°C above normal.

July and averaged over July to September Sea levels around Samoa are predicted to be 30mm to 100mm below normal.

There is a coral bleaching 'Watch' for northern part of Upolu and Savaii and a coral bleaching 'No stress' for the south eastern part of Upolu

IN BRIEF for Teleconference

- During May and from March to May, observed rainfall was normal to above normal across Samoa.
- Rainfall for July and July to September is very likely to be *above normal* over Samoa.
- SSTs were *above normal* for May and March to May. The outlook also shows *above normal* SSTS for the next one and three months
- Sea-surface heights (SSH) were near normal for May. Below normal sea surface heights are predicted for June and June to August
- There is a coral bleaching 'Watch to Alert Level 2' for Samoa

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

Product	Date: May 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
EAR Watch	31st	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 Climate Outlook	31st	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	31st	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,	65	27	38	

		Disaster Managers, Marines				
Samoa 3 rd NCOF	10 th June – 12 th June	RED Cross, Media, Health, Works & Infrastructure, Agriculture & Fisheries, Fire Services, Farmers and farming companies and Fisherman and fishing companies.	40	20	20	
Total			105	47	58	