Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 182

Country: Samoa

Part 1: Recent climate

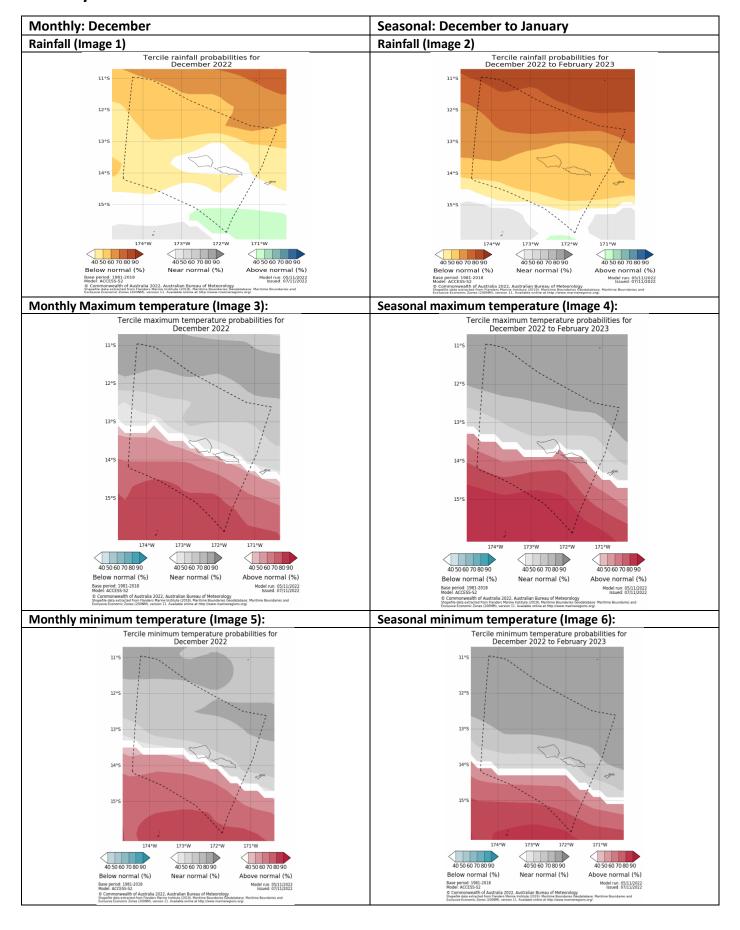
TABLE 1: Monthly Rainfall

Station (include data period)	Aug- 2022	Sep- 2022	Oct-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				Nalik
Apia (1890-2022)	156.2	110.5	340.8	152.0	257.3	201.0	116/133
Afiamalu (1903-2022)	259.9	111.2	398.8	250.1	417.3	341.6	46/71
Nafanua (1965-2022)	206.7	118.6	298.7	179.2	341.0	237.9	32/51
Faleolo (1956-2022)	69.7	41.1	190.5	123.7	191.8	155.2	39/61

TABLE 2: Three-month Total Rainfall for August to October 2022

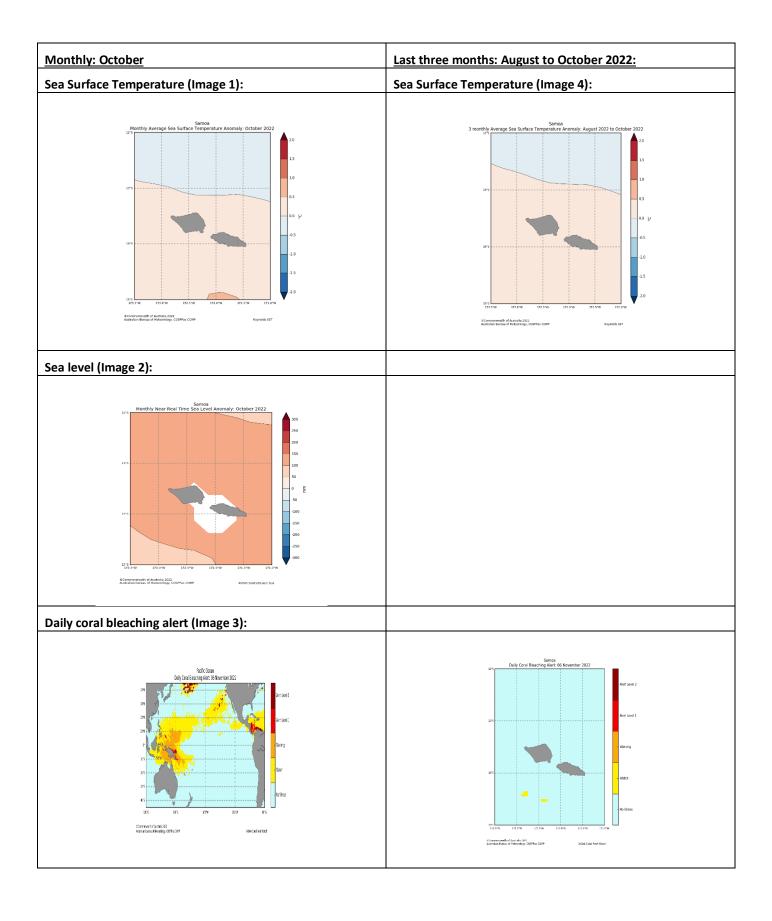
Station	Three-month Total		33%tile	67%tile	Median	Rank	
Apia (1890-2022)	607.5	Above normal	386.7	535.4	468.6	109/133	
Afiamalu (1903-2022)	769.9	Normal	631.9	832.6	731.2	42/68	
Nafanua (1965-2022)	624.0	Above normal	450.8	595.2	521.1	35/50	
Faleolo (1956-2022)	301.3	Normal	261.0	421.8	350.7	25/59	

Part 1i. Monthly and Seasonal Outlooks for December 2022 and December 2022 to February 2023

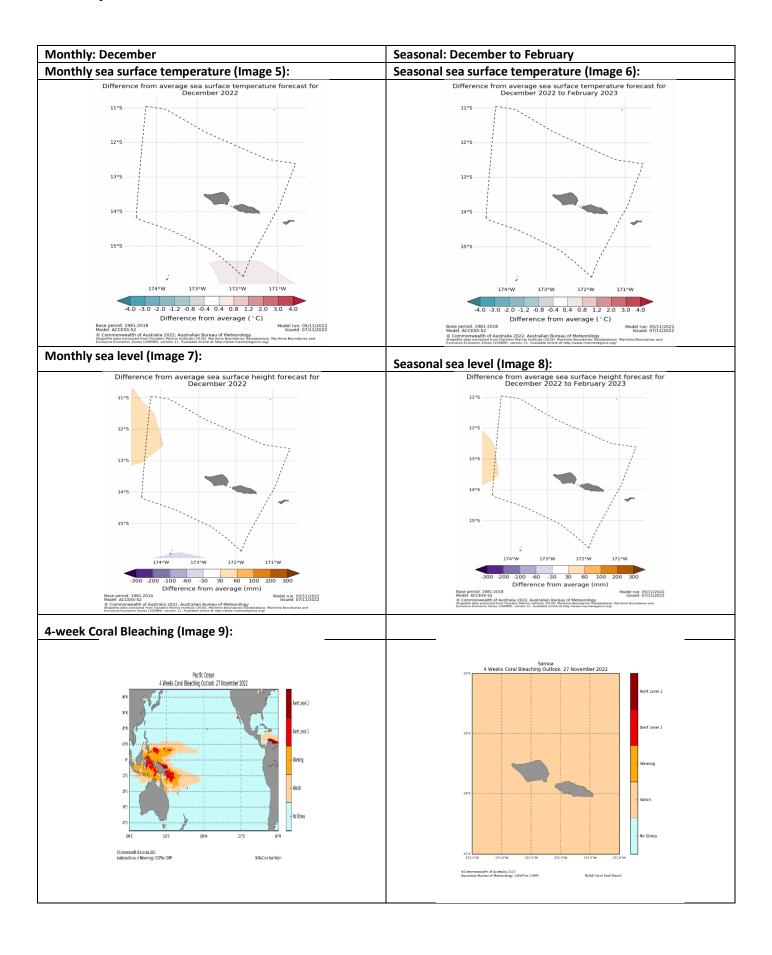


Part 2: Recent Ocean Observation

Monthly/Three months: October 2022 and August to October 2022



Part 2i. Monthly and Seasonal Outlooks for December 2022 and December 2022 to February 2023



Summary Statement

Monthly and last three months: October 2022/August to October 2022 statement

October rainfall for Afiamalu, Nafanua and Faleolo was near-normal, with above normal rainfall recorded for the Apia station. The three-monthly rainfall was above normal at Apia and Nafanua, and near-normal at Afiamalu and Faleolo.

Part 1i. Monthly and Seasonal Outlooks for December 2022 and December 2022 to February 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for December offers little guidance as the chances of *above normal, normal and below normal* are similar. Rainfall over December to Februaryis likely to be *below normal*.

Minimum temperatures during December are likely to be *near-normal* over most of the country, but the outlook offers little guidance for December maximum temperatures as the chances of *above normal*, *near-normal* and *below normal* are similar in most areas.

Maximum and minimum temperatures averaged over December to February are likely to be *near-normal* for most of Samoa, The main exception is the southern half Upolu where maximum temperatures are likely to be *above normal*.

Part 2: Recent Ocean summary statement

Monthly and last three months: October/August to October 2022

October ocean temperatures around Samoa shows sea surface temperatures between 0°C to 0.5°C were likely to be above normal.

Averaged over August to October, ocean temperatures around Samoa were near to normal.

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

Coral bleaching alerts reveals no thermal stress.

Part 2i. Monthly and Seasonal Outlooks for December 2022 and December 2022 to February 2023

Ocean Variable statement

Sea surface temperatures and sea level is forecast to be near normal for the month of December, and the December to February period.

There is a coral bleaching watch for Samoa for the next four weeks.

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

Product	Date: October 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Seasonal Climate Outlook	30th	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
EAR Watch	30th	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
Monthly Climate Briefing	30th	Australian high commisioner	10	6	4
Ocean Outlook	30th	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	75	33	42