Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 174

Country: Samoa

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Dec- 2021	Jan-2022	Feb-2022				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)			Nank	
Apia (1890-2022)	395.8	310.3	761.7	271.9	381.1	333.2	126/133
Afiamalu (1903-2022)	522.7	842.2	1054.5	454.3	715.7	569.4	60/69
Nafanua (1965-2022)	477.6	446.1	774.3	361.6	477.8	401.1	45/50
Faleolo (1956-2022)	286.6	237.9	397.2	191.7	293.2	238.3	50/61

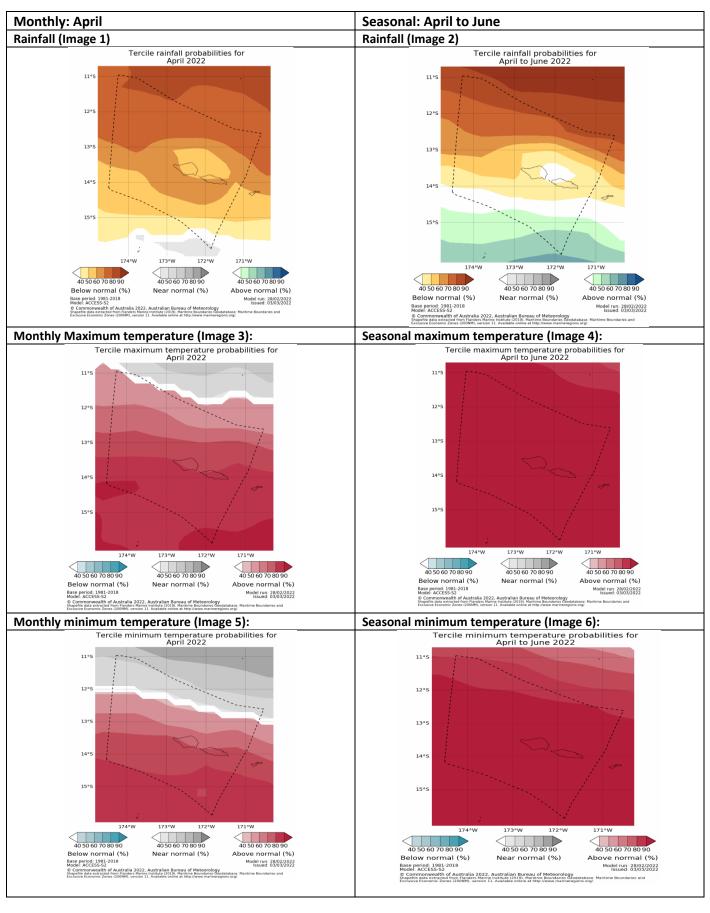
TABLE 2: Three-month Total Rainfall for December 2021 to February 2022

Station	Three-month Total		33%tile	67%tile	Median	Rank	
Apia (1890-2022)	1467.8	Above normal	943.5	1364.5	1131.4	99/131	
Afiamalu (1903-2022)	2419.4	Above normal	1715.8	2318.2	2003.4	47/67	
Nafanua (1965-2022)	1698.0	Normal	1197.5	1713.6	1401.3	29/45	
Faleolo (1956-2022)	921.7	Normal	769.3	967.5	874.4	37/59	

 $Very \ Low: \ X < 0.0 \\ Low: \ 0 \le X < 5 \\ Moderate \ 5 \le X < 10 \\ Good: \ 10 \le X < 15 \\ High: \ 15 \le X < 25 \\$

Very High: $25 \le X < 35$ Exceptional: $X \ge 35$

Part 1i. Monthly and Seasonal Outlooks for April and April to June 2022



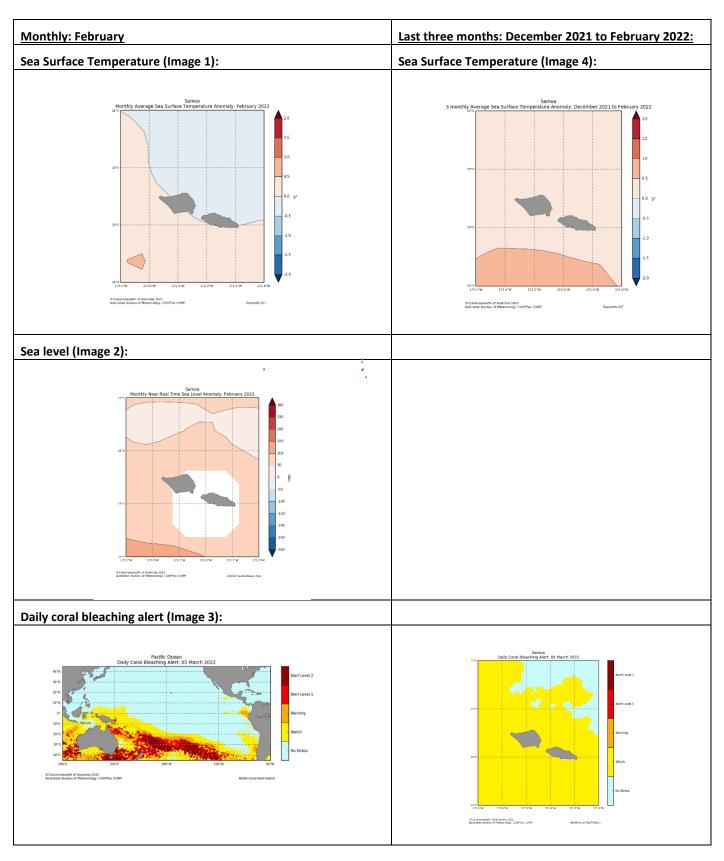
NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0 Low: $0 \le X < 5$ Moderate $5 \le X < 10$ Good: $10 \le X < 15$ High: $15 \le X < 25$

Very High: 25 ≤X < 35 Exceptional: X ≥ 35

Part 2: Recent Ocean summary statement

Monthly: February 2022

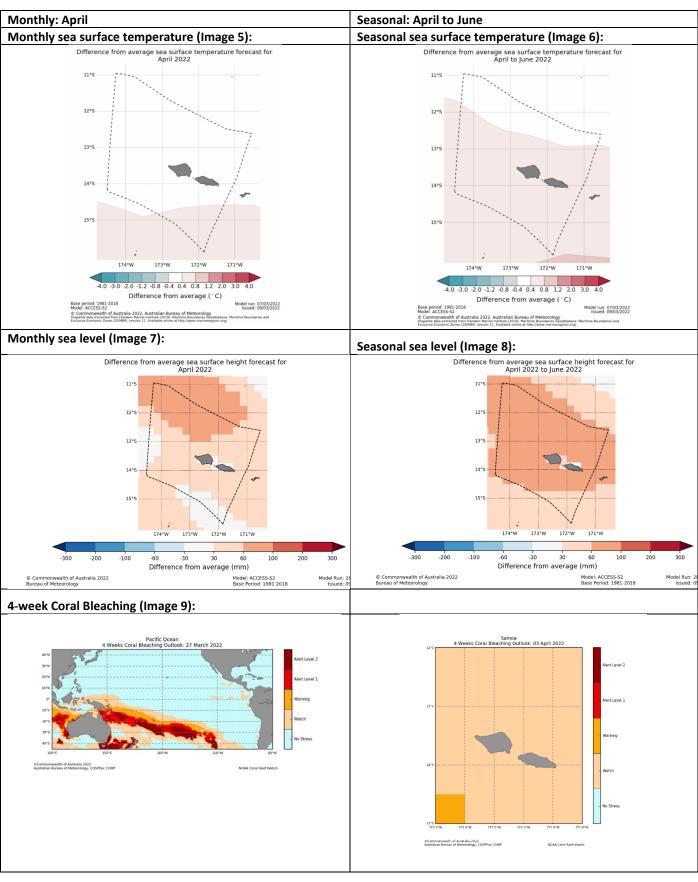


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Part 2i. Monthly and Seasonal Outlooks for April and April to June 2022



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Summary Statement

Monthly and last three months: February 2022/December 2021 to February 2022 statement (Highly significant changes)

Above normal rainfall was recorded at all stations in February 2022. Apia and Nafanua recorded their eight and sixth wettest February on record.

Above normal rainfall was recorded at all stations in the past three months across Samoa.

Part 1i. Monthly and Seasonal Outlooks for April and April to June 2022

Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

The monthly and seasonal rainfall outlook for Samoa for April and April to June is likely to be Below Normal.

The monthly and seasonal temperature outlook for Samoa is very likely to be Above Normal.

Part 2: Recent Ocean summary statement

Monthly and last three months: February/December 2021 to February 2022 (Highly significant changes)

The monthly sea surface temperature outlook for Samoa shows sea surface temperatures are likely to be *normal* for the period of February. The last three months sea surface temperature outlook for Samoa shows sea surface temperatures are likely to be *normal* from December 2021 to February 2022.

The outlook for Samoa shows above normal sea level differences of 50m to 100m for the period of February.

Part 2i. Monthly and Seasonal Outlooks for April and April to June 2022

Ocean Variable statement (Highly significant changes)

The monthly sea surface temperature outlook for Samoa shows sea surface temperatures are likely to be *normal* for April 2022. The seasonal sea surface temperature outlook for Samoa shows sea surface temperatures are likely to be normal for the period of April to June.

The monthly sea level outlook for Samoa shows above normal sea level differences of -30m to 60m for the period of April. The seasonal sea level outlook for Samoa shows above normal sea level differences of -30m to 100m for the period of April to June.

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

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

Product	Date: February 2022	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate data request	21st	Construction company	1	1	
EAR Watch					
Climate Bulletin					
Ocean Bulletin					
		Total	1	1	

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