

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 197

Country: Solomon Islands

Part 1: Recent climate

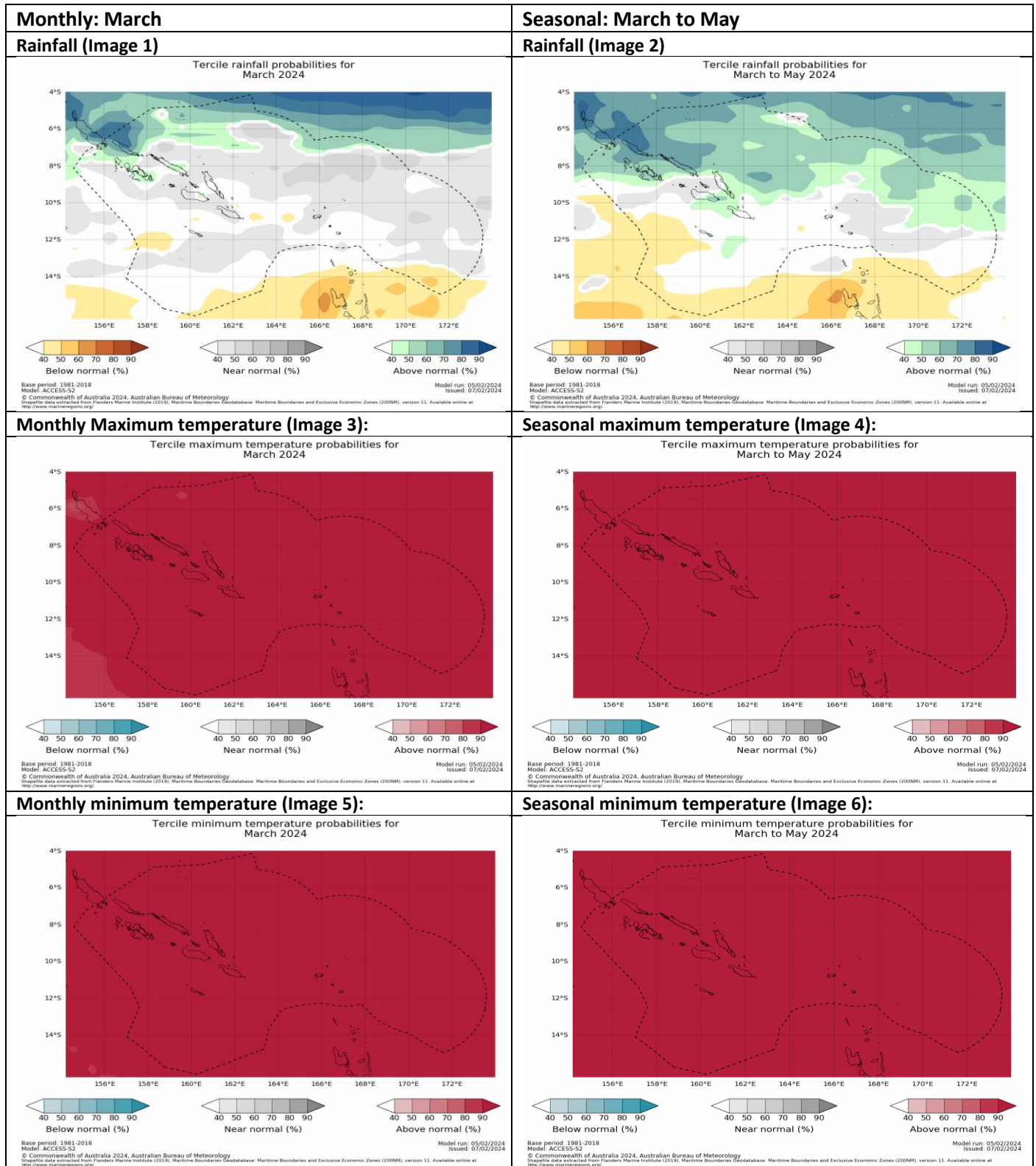
TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2023	Dec-2023	Jan-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2024)	467.0	349.5	726.5	294.1	428.2	348.1	60/63
Henderson (1975-2024)	422.2	373.3	451.8	185.4	268.3	216.8	46/50
Honiara (1954-2024)	465.7	304.4	629.3	194.2	300.4	253.0	59/68
Kirakira (1965-2024)	483.0	582.6	540.6	240.5	423.5	321.7	50/57
Lata (1975-2024)	527.1	233.5	560.2	344.2	472.0	378.7	40/50
Munda (1962-2024)	294.7	348.4	479.7	285.6	416.5	360.8	45/63
Taro (1975-2024)	269.5	213.5	443.2	209.5	276.9	238.9	46/47

TABLE 2: Three-month Total Rainfall for November 2023 to January 2024

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Auki (1962-2024)	1543.0	Above normal	777.9	995.4	879.0	60/60
Henderson (1975-2024)	1247.3	Above normal	466.1	738.7	597.2	46/49
Honiara (1954-2024)	1399.4	Above normal	511.9	725.1	593.2	59/66
Kirakira (1965-2024)	1606.2	Above normal	715.1	949.5	834.0	54/55
Lata (1975-2024)	1320.8	Above normal	1045.0	1302.7	1122.0	34/49
Munda (1962-2024)	1122.8	Above normal	816.2	1024.0	864.8	51/62
Taro (1975-2024)	926.2	Above normal	638.6	779.9	711.0	37/43

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2024

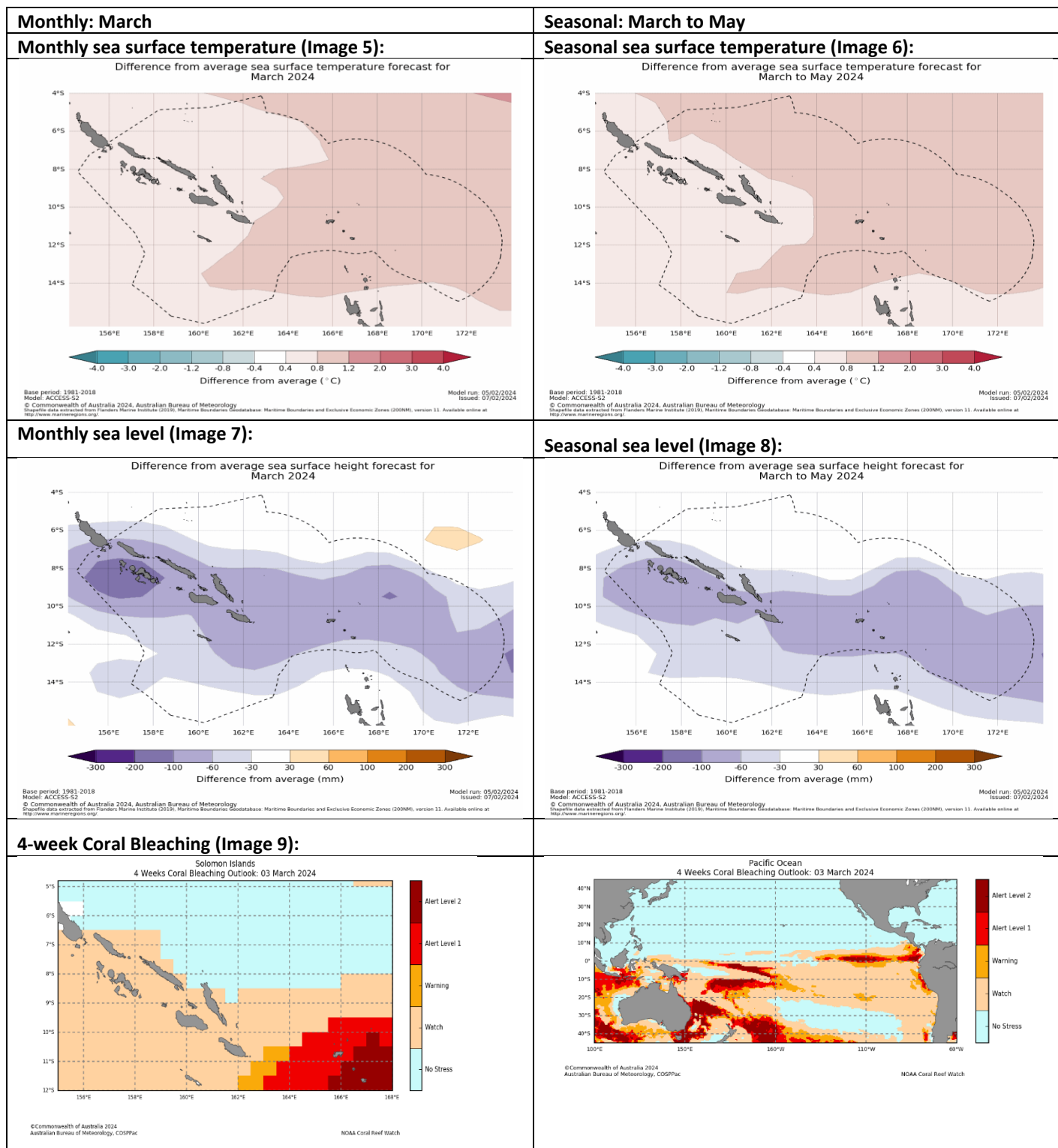


Part 2: Recent Ocean Observation

Monthly/Three months: January 2024 and November 2023 to January 2024

Monthly: January 2024	Last three months: November 2023 to January 2024:
<p>Sea Surface Temperature (Image 1):</p> <p>Solomon Islands Monthly Average Sea Surface Temperature Anomaly: January 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>	<p>Sea Surface Temperature (Image 4):</p> <p>Solomon Islands 3 monthly Average Sea Surface Temperature Anomaly: November 2023 to January 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>
<p>Sea level (Image 2):</p> <p>Solomon Islands Monthly Near Real Time Sea Level Anomaly: January 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO Ssalto/Duacs SLA</p>	
<p>Daily coral bleaching alert (Image 3):</p> <p>Solomon Islands Daily Coral Bleaching Alert: 07 February 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	<p>Pacific Ocean Daily Coral Bleaching Alert: 07 February 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2024



Summary Statement

Monthly and last three months: January 2024/November 2023 to January 2024 statement

Monthly rainfall: January 2024

January rainfall was above normal across the country. Taro, Auki and Henderson posted their second, fourth and fifth highest January rainfall on record.

Three months rainfall: November 2023 to January 2024

Rainfall was above normal across the country. It was very wet over the country where Auki posted a record-high total, while Kirakira and Henderson had their second and fourth highest November to January rainfall.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2024

Monthly /Seasonal rainfall and temperature Outlook statements

March rainfall is likely to be near-normal over the central and eastern regions, except for the western region which is likely to be above-normal.

March to May rainfall is likely to be above-normal over most parts of the central and western regions, except for the eastern region which is likely to be near-normal over the outer islands and climatology elsewhere.

Part 2: Recent Ocean summary statement

Monthly and last three months: January 2024/November 2023 to January 2024

Ocean temperatures in January were utmost 1.0°C above normal.

Averaged over November to January ocean temperatures were near-normal.

January sea levels around the Solomon Islands' main islands were near-normal.

Coral bleaching alert is on 'Warning' for all waters around the country.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2024

Ocean Variable statement

March and averaged March to May 2024 Ocean temperatures around Solomon Islands are predicted to be 0.4 to 1.2 °C above normal.

March and the averaged March to May 2024 Sea levels around Solomon Islands are forecast to be 30 mm to 200 mm below-normal.

Coral bleaching outlook predicts 'Watch Level' for most of the main islands.

IN BRIEF for Teleconference

- Rainfall was above normal over the country for January and November to January.
- The rainfall outlook generally indicates near-normal is most likely in March but above-normal for total rainfall over March to May.
- SSTs were above normal for January and near normal November to January. The outlook predicts above normal SSTs for the next one and three months.

- Sea-surface heights (SSH) were near-normal in January. The outlook predicts below normal for March and March to May.

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

Product	Date: January 2023	Stakeholder	Total Number of Participants	Number of males	Number of females	Comments (If there are comments from you Stakeholders)
Climate Bulletin		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Glodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, Sol Tuna Ltd, UN Women, Council of Women, Community Representatives	58	46	12	
EAR Watch		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Goodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, UN Women, Council of Women	53	39	14	
Ocean Bulletin		Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Goodridge Mining, Ministry of Mines and Energy, MEHRD	14	9	5	
Total			125	94	31	