

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 189

Country: Solomon Islands

Part 1: Recent climate

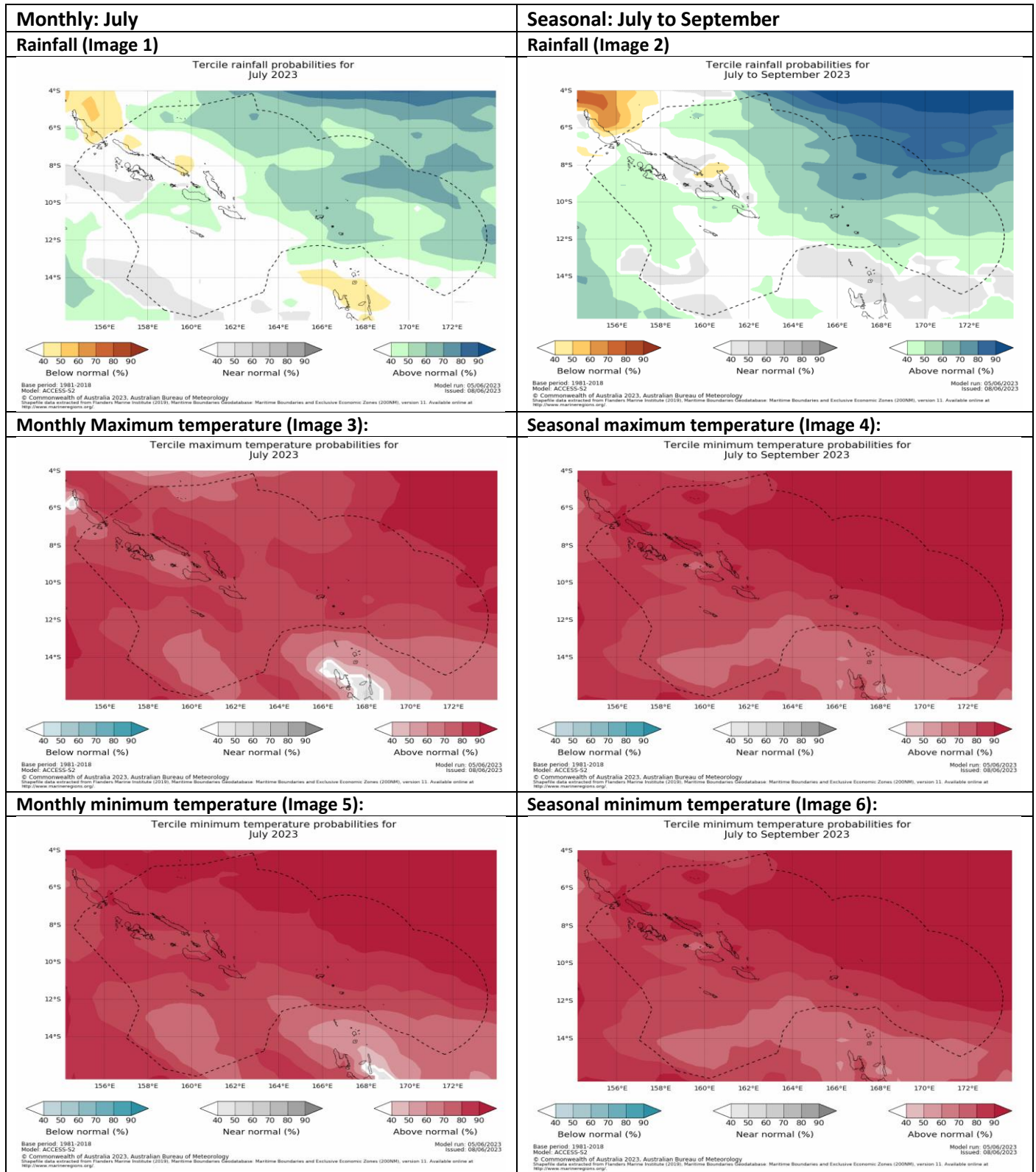
TABLE 1: Monthly Rainfall

Station (include data period)	Mar-2023	Apr-2023	May-2023				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2023)	431.5	189.4	204.6	175.1	248.0	220.5	26/61
Henderson (1975-2023)	287.5	197.6	202.4	73.5	138.9	100.8	44/47
Honiara (1954-2023)	278.9	254.9	131.9	90.7	134.1	119.4	46/69
Kirakira (1965-2023)	407.8	250.6	368.1	226.6	347.7	269.2	44/57
Lata (1975-2023)	349.8	453.0	356.0	292.4	398.3	338.3	27/49
Munda (1962-2023)	590.6	171.5	248.5	202.6	305.7	247.0	32/62
Taro (1975-2023)	260.5	127.9	399.0	235.4	306.1	264.1	44/46

TABLE 2: Three-month Total Rainfall for March to May 2023

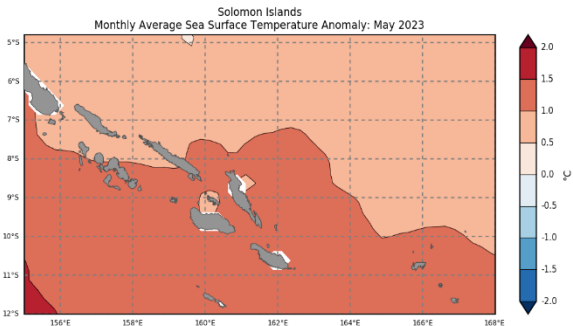
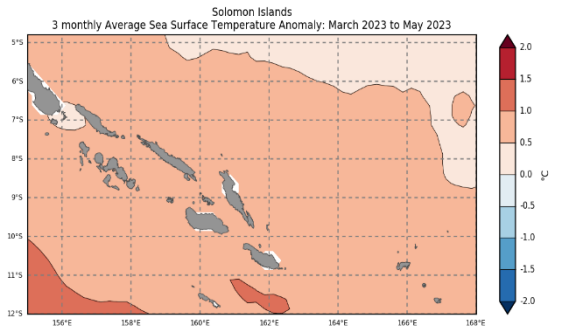
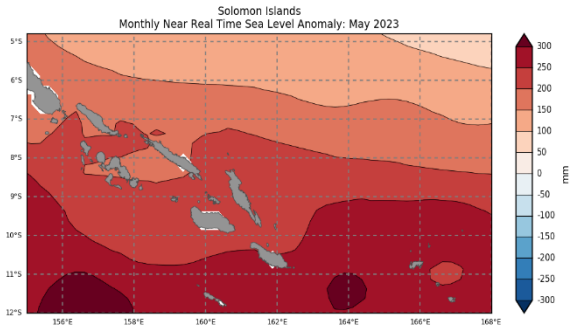
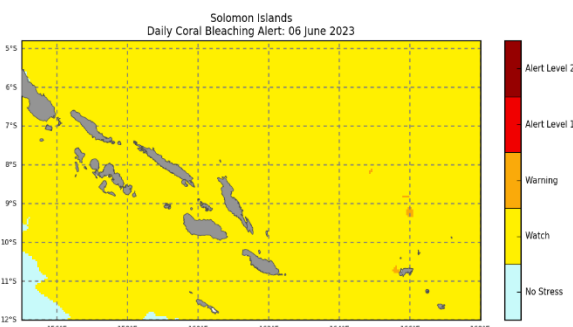
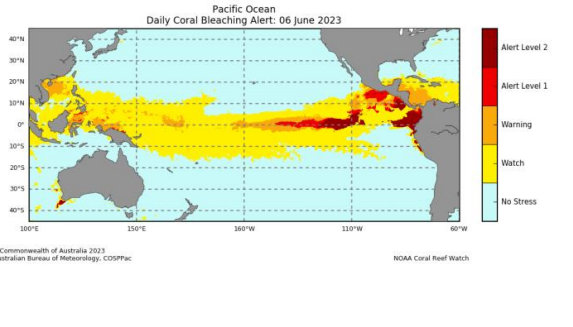
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Auki (1962-2023)	825.5	Normal	744.8	937.5	861.0	29/61
Henderson (1975-2023)	687.5	Above normal	482.8	649.1	568.8	34/47
Honiara (1954-2023)	665.7	Normal	544.5	724.8	621.6	42/69
Kirakira (1965-2023)	1026.5	Above normal	857.0	1017.6	903.3	38/56
Lata (1975-2023)	1158.8	Normal	994.9	1182.7	1128.8	29/48
Munda (1962-2023)	1010.6	Above normal	825.2	994.2	911.3	45/62
Taro (1975-2023)	787.4	Normal	754.9	924.5	859.8	17/46

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2023

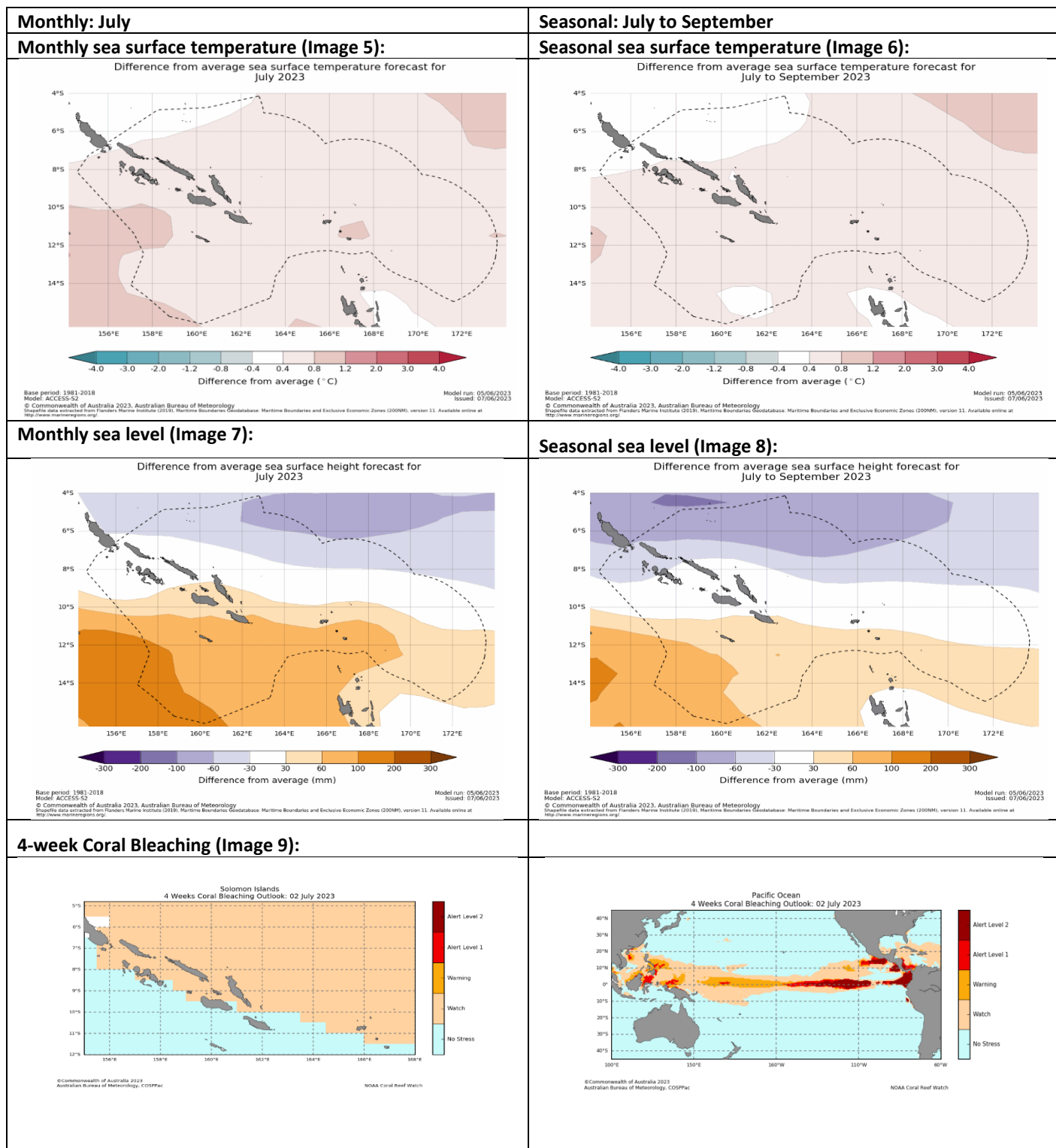


Part 2: Recent Ocean Observation

Monthly/Three months: May and March to May 2023

Monthly: May	Last three months: March to May 2023:
<p>Sea Surface Temperature (Image 1):</p>  <p>Solomon Islands Monthly Average Sea Surface Temperature Anomaly: May 2023</p> <p>©Commonwealth of Australia 2023 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: March 2023 to May 2023</p> <p>©Commonwealth of Australia 2023 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: May 2023</p> <p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO SsaltoDuacs SLA</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Solomon Islands Daily Coral Bleaching Alert: 06 June 2023</p> <p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 06 June 2023</p> <p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2023



Summary Statement

Monthly and last three months: May 2023/March to May 2023 statement

Monthly rainfall: May 2023

May rainfall was above normal for Henderson and Kirakira in the central region, and at Taro in the western region. Auki, Honiara, Lata and Munda registered normal rainfall. Taro recorded its third highest May rainfall.

Three months rainfall: March to May 2023

Rainfall was above normal for Henderson and Kirakira in the central region and Munda in the western region. The rest of the stations recorded near-normal totals.

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2023

Monthly /Seasonal rainfall and temperature Outlook statements

July rainfall is likely to be above normal for Guadalcanal and the eastern region. The outlook offers little guidance for the rest of the country.

July to September rainfall is likely to be above normal the central and western parts of western province, southern Guadalcanal, western Makira, and the whole of the eastern region. Near-normal is likely for the Central, Malaita and Isabel provinces. Elsewhere the outlook offers little guidance.

Maximum and minimum temperatures during July and averaged over July to September are very likely to be above normal over the country.

Part 2: Recent Ocean summary statement

Monthly and last three months: May 2023/March to May 2023

Ocean temperatures in May and averaged over March to May 2023 around the Solomon Islands were between 0.5°C to 1.5°C above normal.

May sea levels around the Solomon Islands' main islands were 150 mm to over 300 mm above normal.

Coral bleaching alert is on 'Watch level' for the whole country.

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2023

Ocean Variable statement

July and averaged July to September Ocean temperatures around Solomon Islands are predicted to be 0.4 to 0.8 °C above normal.

July and the averaged July to September Sea levels around Solomon Islands are forecasted to be 30 mm to 60 mm above normal.

Coral bleaching outlook predicts 'Watch' for the country except for waters south of the country which shows "No Stress".

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

Product	Date: May 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	5 May 2023	Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Goodridge Mining,	14	9	5	

		Ministry of Mines and Energy, MEHRD				
Sub-regional Workshop(ROK PI CLIPS)	1st to 5th May 2023	Solomon Islands, Papua New Guinea, Vanuatu, Kiribati and Fiji	Around 20 participants	17	3	
Total			145	111	34	