

Country: Solomon Islands

Part 1: Recent climate

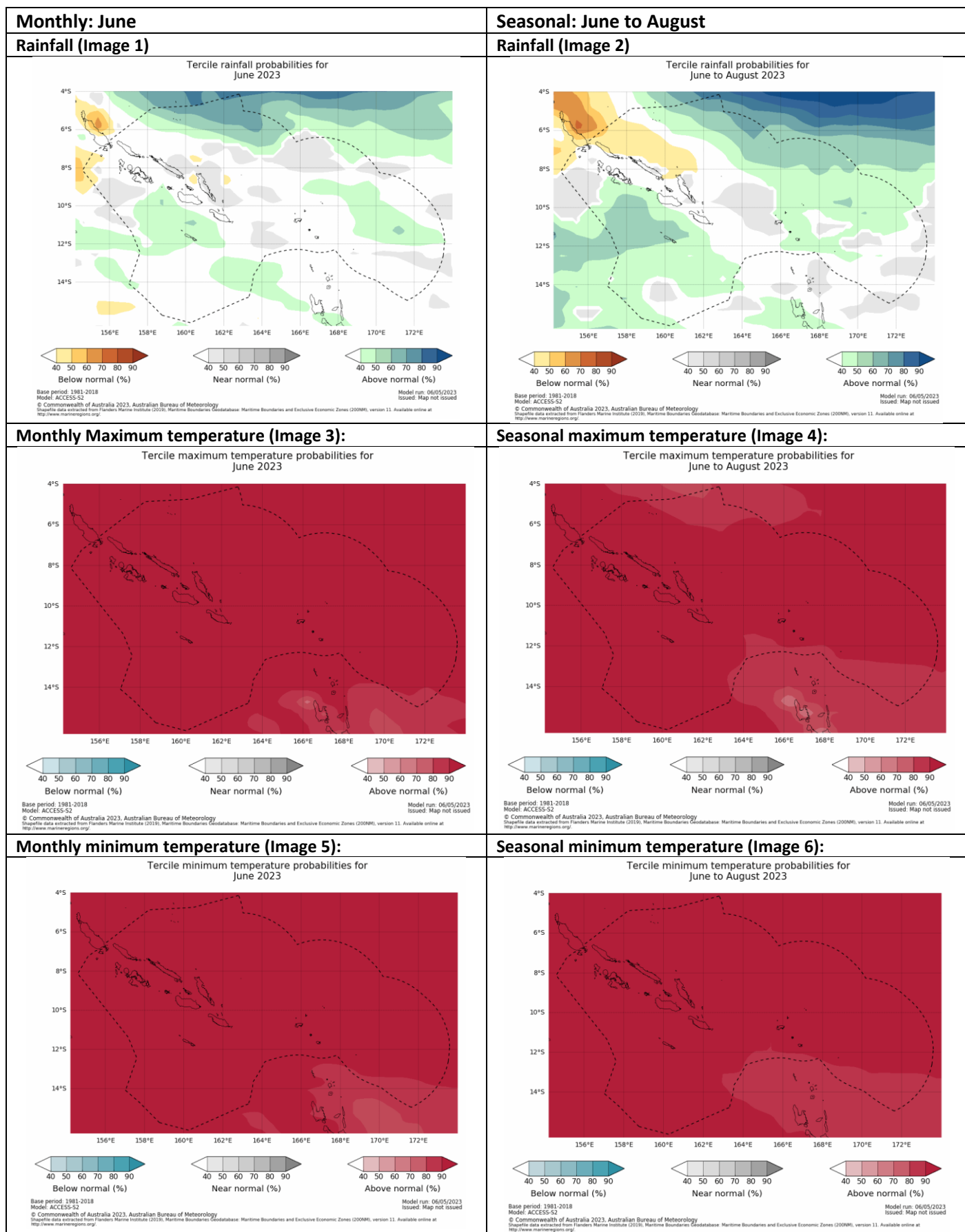
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2023	Mar-2023	Apr-2023				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2023)	167.0	431.5	189.4	225.8	281.6	257.0	14/62
Henderson (1975-2023)	246.8	287.5	197.6	121.6	198.1	173.8	33/49
Honiara (1954-2023)	271.4	278.9	254.9	141.9	215.8	177.5	54/69
Kirakira (1965-2023)	401.4	407.8	250.6	209.7	323.1	251.4	29/57
Lata (1975-2023)	419.2	349.8	453.0	270.9	370.7	323.4	40/48
Munda (1962-2023)	506.2	590.6	171.5	226.4	300.6	263.6	11/62
Taro (1975-2023)	335.1	260.5	127.9	238.0	347.5	304.0	1/48

TABLE 2: Three-month Total Rainfall for February to April 2023

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Auki (1962-2023)	787.9	Below normal	918.5	1137.6	1033.4	6/62
Henderson (1975-2023)	731.9	Normal	637.9	831.7	733.2	25/49
Honiara (1954-2023)	805.2	Normal	685.4	869.0	797.4	36/69
Kirakira (1965-2023)	1059.8	Normal	842.8	1089.7	989.6	36/55
Lata (1975-2023)	1222.0	Normal	1040.3	1274.2	1169.4	30/48
Munda (1962-2023)	1268.3	Above normal	954.2	1126.9	1041.8	51/62
Taro (1975-2023)	723.5	Below normal	789.4	933.8	839.9	14/47

# Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023



Part 2: Recent Ocean Observation

Monthly/Three months: April and February to April 2023

<div>Monthly: April</div> <div>Sea Surface Temperature (Image 1):</div> <div><p>Solomon Islands</p><p>Monthly Average Sea Surface Temperature Anomaly: April 2023</p><p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p><p>Reynolds SST</p></div>	<div>Last three months: February to April 2023:</div> <div>Sea Surface Temperature (Image 4):</div> <div><p>Solomon Islands</p><p>3 monthly Average Sea Surface Temperature Anomaly: February 2023 to April 2023</p><p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p><p>Reynolds SST</p></div>
<div>Sea level (Image 2):</div> <div><p>Solomon Islands</p><p>Monthly Near Real Time Sea Level Anomaly: April 2023</p><p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p><p>AVISO SeaWiFS/SeaWiFS SLA</p></div>	
<div>Daily coral bleaching alert (Image 3):</div> <div><p>Solomon Islands</p><p>Daily Coral Bleaching Alert: 06 May 2023</p><p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>Pacific Ocean</p><p>Daily Coral Bleaching Alert: 06 May 2023</p><p>©Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023

Monthly: June	Seasonal: June to August
<div>Monthly sea surface temperature (Image 5):</div> <div>Difference from average sea surface temperature forecast for June 2023</div> <p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2023, Australian Bureau of Meteorology Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimerregions.org/">http://www.maritimerregions.org/</a></p> <p>Model run: 13/05/2023 Issued: 16/05/2023</p>	<div>Seasonal sea surface temperature (Image 6):</div> <div>Difference from average sea surface temperature forecast for June to August 2023</div> <p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2023, Australian Bureau of Meteorology Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimerregions.org/">http://www.maritimerregions.org/</a></p> <p>Model run: 13/05/2023 Issued: 16/05/2023</p>
<div>Monthly sea level (Image 7):</div> <div>Difference from average sea surface height forecast for June 2023</div> <p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2023, Australian Bureau of Meteorology Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimerregions.org/">http://www.maritimerregions.org/</a></p> <p>Model run: 13/05/2023 Issued: 16/05/2023</p>	<div>Seasonal sea level (Image 8):</div> <div>Difference from average sea surface height forecast for June to August 2023</div> <p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2023, Australian Bureau of Meteorology Shapefile data extracted from Flanders Marine Institute (2019), Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (200NM), version 11. Available online at <a href="http://www.maritimerregions.org/">http://www.maritimerregions.org/</a></p> <p>Model run: 13/05/2023 Issued: 16/05/2023</p>
<div>4-week Coral Bleaching (Image 9):</div> <div>Solomon Islands 4 Weeks Coral Bleaching Outlook: 28 May 2023</div> <p>© Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	<div>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 28 May 2023</div> <p>© Commonwealth of Australia 2023 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

## Summary Statement

### Monthly and last three months: April 2023/February to April 2023 statement

#### Monthly rainfall: April 2023

April rainfall was above normal for Honiara in the central region and Lata in the eastern region. Henderson and Kirakira registered normal rainfall, and remaining stations recorded below normal rainfall. Taro had its lowest rainfall on record for April.

#### Three months rainfall: February to April 2023

Rainfall was above normal for Munda in the western region, and near-normal for Henderson, Honiara, Kirakira in the central region and Lata in the eastern region. Auki in the central region and Taro in the western region recorded below normal rainfall. Auki posted its sixth lowest February to April rainfall on record.

## Part 1i. Monthly and Seasonal Outlooks for June and June to August 2023

### Monthly /Seasonal rainfall and temperature Outlook statements

June rainfall is likely to be near-normal Malaita Island and the eastern half of Santa Isabel Island, but for remaining islands the outlook offers little guidance.

June to August rainfall is likely to be below normal across Choiseul Island, above normal over most of the Santa Cruz Islands, but for remaining islands the outlook offers little guidance.

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

## Part 2: Recent Ocean summary statement

### Monthly and last three months: April 2023/February to April 2023

Ocean temperatures in April and averaged over February to April 2023 around the Solomon Islands were between 0.5°C to 1.0°C above normal.

April sea levels around the Solomon Islands' main islands were 200 mm to over 300 mm above normal.

Coral bleaching alert is on 'Alert Level1' for waters between Makira and Rennell and Bellona and Temotu Province. The rest of the country is at 'Watch Level'.

## Part 2i. Monthly and Seasonal Outlooks for June and June to August 2023

### Ocean Variable statement

June and averaged June to August Ocean temperatures around Solomon Islands are predicted to be 0.4 to 1.2 °C above normal.

June and the averaged June to August Sea levels around Solomon Islands are forecasted to be 30 mm to 200 mm above normal.

Coral bleaching outlook predicts 'Watch' for the country except for waters between Isabel, Ngella, Russel Islands and Guadalcanal and also waters between Malaita, Makira and Temotu Provinces which predicts 'Warning'.

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

<b>Product</b>	<b>Date: April 2023</b>	<b>Stakeholder</b>	<b>Total Number of Participants</b>	<b>Number of males</b>	<b>Number of females</b>	<b>Comments (If there are comments from you Stakeholders)</b>
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	
<b>Total</b>			<b>125</b>	<b>94</b>	<b>31</b>	