

Country: Solomon Islands

Part 1: Recent climate

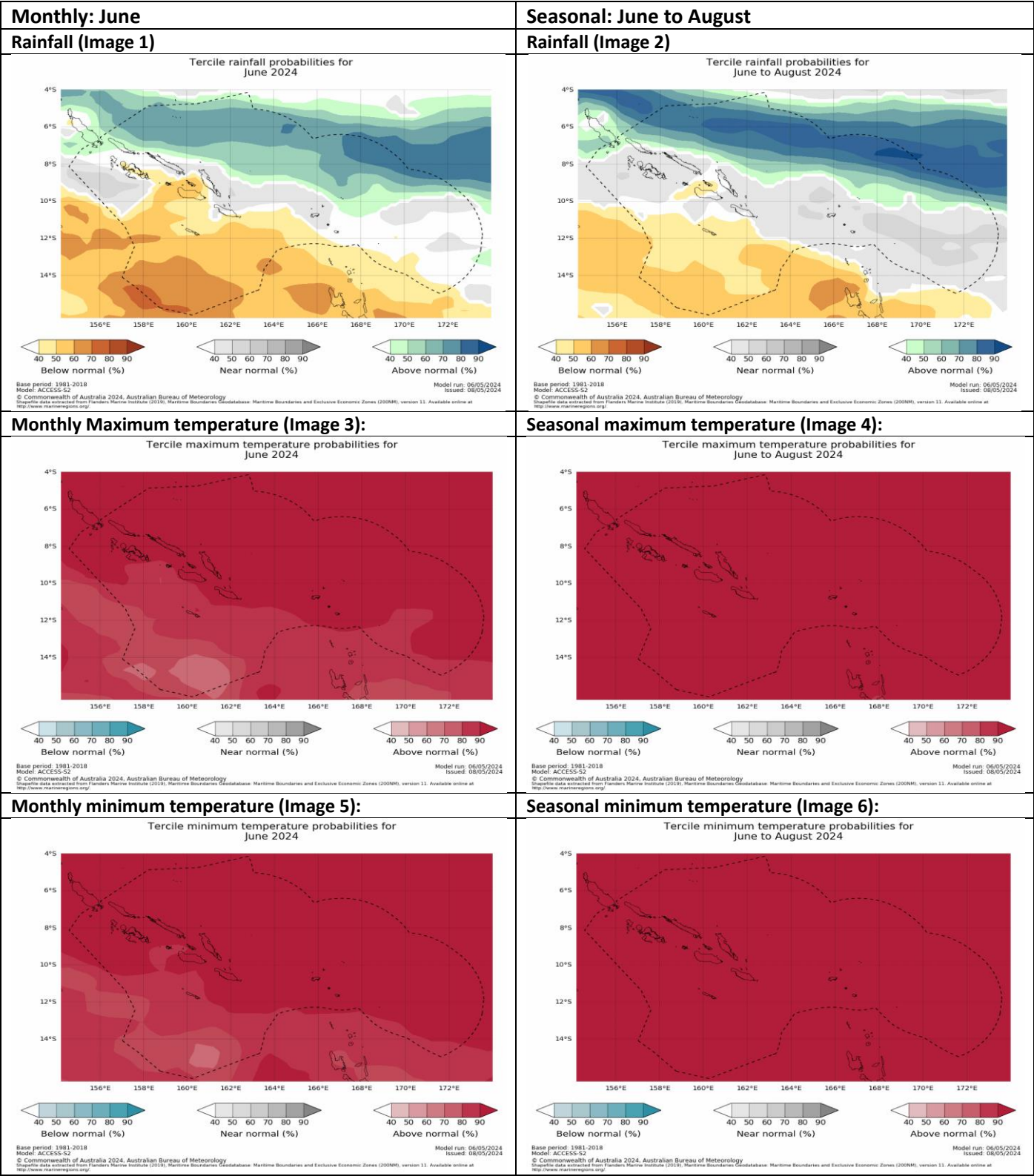
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2024	Mar-2024	Apr-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
	Auki (1962-2024)	506.8	643.8	408.5	223.7	280.1	
Henderson (1975-2024)	213.6	289.8	199.0	126.2	197.6	175.2	34/50
Honiara (1954-2024)	271.4	288.7	262.5	142.8	217.3	180.6	55/70
Kirakira (1965-2024)	185.2	385.4	344.8	211.0	317.9	250.6	43/58
Lata (1975-2024)	427.6	537.7	239.8	272.5	375.0	327.8	12/49
Munda (1962-2024)	427.0	330.6	183.3	224.1	300.3	263.0	12/63
Taro (1975-2024)	338.6	332.5	218.1	235.3	344.3	298.4	15/49

TABLE 2: Three-month Total Rainfall for February to April 2024

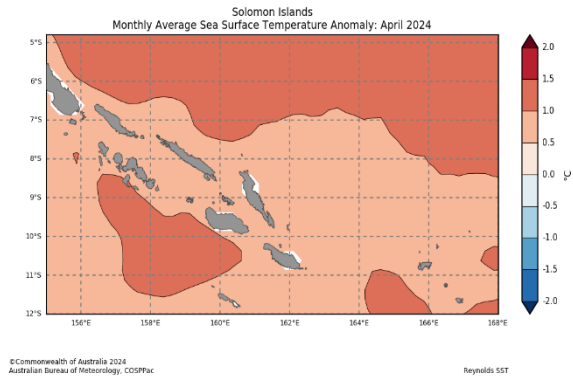
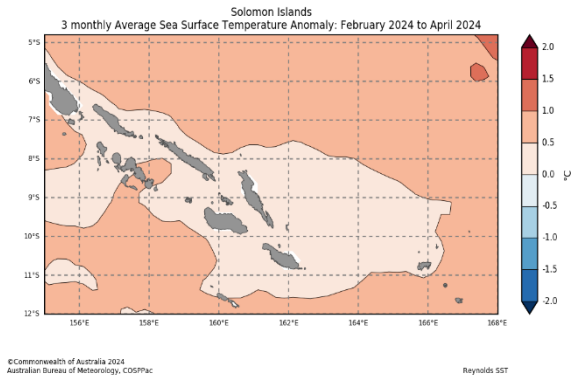
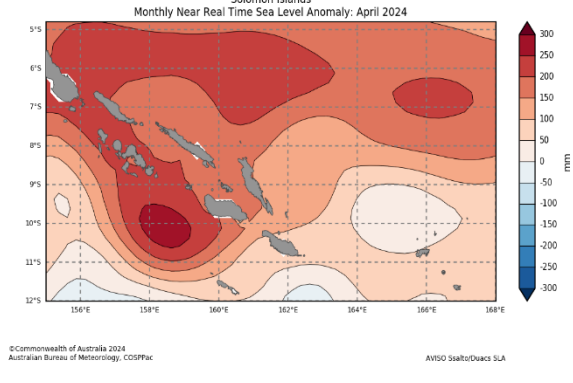
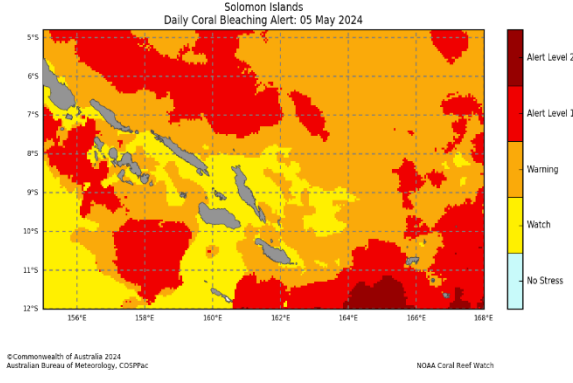
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Auki (1962-2024)	1559.1	Above normal	910.4	1129.4	1029.8	62/63
Henderson (1975-2024)	702.4	Normal	638.6	817.3	731.9	23/50
Honiara (1954-2024)	822.6	Normal	686.3	866.6	799.2	38/70
Kirakira (1965-2024)	915.4	Normal	849.0	1084.8	995.8	22/56
Lata (1975-2024)	1205.1	Normal	1044.9	1272.3	1170.3	29/49
Munda (1962-2024)	940.9	Below normal	957.6	1127.2	1043.0	19/63
Taro (1975-2024)	889.2	Normal	777.9	933.7	814.9	27/48

Part 1i. Monthly and Seasonal Outlooks for June and June to August 2024



Part 2: Recent Ocean Observation

Monthly/Three months: April 2024 and February to April 2024

<p><b>Monthly: April 2024</b></p>	<p><b>Last three months: February to April 2024:</b></p>
<p><b>Sea Surface Temperature (Image 1):</b></p> 	<p><b>Sea Surface Temperature (Image 4):</b></p> 
<p><b>Sea level (Image 2):</b></p> 	
<p><b>Daily coral bleaching alert (Image 3):</b></p> 	

Part 2i. Monthly and Seasonal Outlooks for June and June to August 2024

Monthly: June	Seasonal: June to August
<div>Monthly sea surface temperature (Image 5):</div> <div><p>Difference from average sea surface temperature forecast for June 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Graphical data extracted from: Fisheries Marine Institute (2019), Maritime Boundaries Database: Maritime Boundaries and Exclusive Economic Zones (2008M), version 11. Available online at: <a href="http://www.maritimesystems.org/">http://www.maritimesystems.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>	<div>Seasonal sea surface temperature (Image 6):</div> <div><p>Difference from average sea surface temperature forecast for June to August 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Graphical data extracted from: Fisheries Marine Institute (2019), Maritime Boundaries Database: Maritime Boundaries and Exclusive Economic Zones (2008M), version 11. Available online at: <a href="http://www.maritimesystems.org/">http://www.maritimesystems.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>
<div>Monthly sea level (Image 7):</div> <div><p>Difference from average sea surface height forecast for June 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Graphical data extracted from: Fisheries Marine Institute (2019), Maritime Boundaries Database: Maritime Boundaries and Exclusive Economic Zones (2008M), version 11. Available online at: <a href="http://www.maritimesystems.org/">http://www.maritimesystems.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>	<div>Seasonal sea level (Image 8):</div> <div><p>Difference from average sea surface height forecast for June to August 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, Australian Bureau of Meteorology Graphical data extracted from: Fisheries Marine Institute (2019), Maritime Boundaries Database: Maritime Boundaries and Exclusive Economic Zones (2008M), version 11. Available online at: <a href="http://www.maritimesystems.org/">http://www.maritimesystems.org/</a></p><p>Model run: 06/05/2024 Issued: 08/05/2024</p></div>
<div>4-week Coral Bleaching (Image 9):</div> <div><p>Solomon Islands 4 Weeks Coral Bleaching Outlook: 02 June 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	

## **Summary Statement**

### **Monthly and last three months: April 2024/February to April 2024 statement**

#### **Monthly rainfall: April 2024**

April rainfall was above normal for the central region and below normal for eastern and western regions.

#### **Three months rainfall: February to April 2024**

Rainfall was above normal at Auki, near-normal for Henderson, Honiara, Kirakira and Taro, and below normal at Munda. Auki posted its second highest February to April rainfall on record.

## **Part 1i. Monthly and Seasonal Outlooks for June and June to August 2024**

### **Monthly /Seasonal rainfall and temperature Outlook statements**

June rainfall is likely to be above normal at Taro, near-normal at Auki, Kirakira and Lata and below normal at Henderson, Honiara and Munda.

June to August rainfall is likely to be near-normal over most parts of the country.

## **Part 2: Recent Ocean summary statement**

### **Monthly and last three months: April 2024/February to April 2024**

Ocean temperatures in April were 0.5 to 1.5°C above normal.

Averaged over February to April were utmost 1.0°C above normal.

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

Coral bleaching alert is on 'Watch' for most waters around the country.

## **Part 2i. Monthly and Seasonal Outlooks for June and June to August 2024**

### **Ocean Variable statement**

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

June and the averaged June to August Sea levels around Solomon Islands are forecast to be 30 to 60 mm below-normal.

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

### **IN BRIEF for Teleconference**

- April rainfall was above normal in the central region and below normal elsewhere, while February to April rainfall was mostly near-normal.
- The rainfall outlook generally indicates near-normal is likely for June to August 2024.
- SSTs were above normal for April and February to April 2024. The outlook predicts abovenormal SSTs for the next one and three months.

- Sea-surface heights (SSHs) were above normal in April. The outlook predicts below-normal SSHs for June and June to August 2024.

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

Product	Date: April 2024	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	
<b>Total</b>			<b>125</b>	<b>94</b>	<b>31</b>	