

Country: Fiji

Part 1: Recent climate

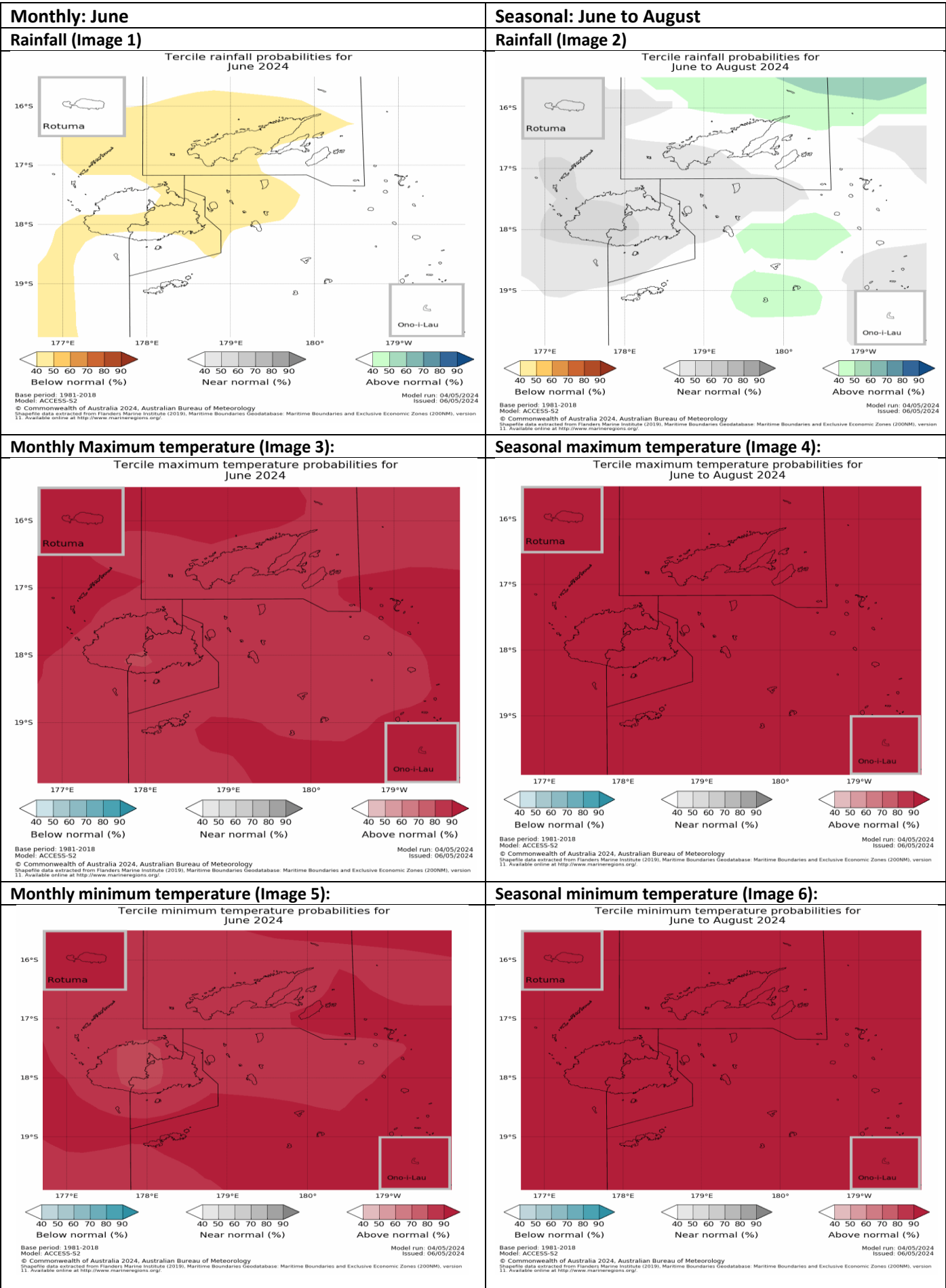
TABLE 1: Monthly Rainfall

Station (include data period)	Feb-2024	Mar-2024	Apr-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Western Division							
Penang Mill (1910-2024)	591.3	839.2	60.0	179.8	277.7	213.0	6/114
Lautoka Mill (1900-2024)	396.0	907.1	16.9	123.2	241.0	166.4	2/125
Nadi Airport (1942-2024)	350.9	988.6	13.7	113.1	208.0	152.0	1/82
Central Division							
Laucala Bay (Suva) (1942-2024)	506.5	721.8	169.0	261.0	374.8	321.6	14/83
Nausori Airport (1957-2024)	407.0	759.3	165.2	260.3	388.0	327.0	10/68
Tokotoko (Navua) (1945-2024)	534.5	875.0	175.0	293.9	456.9	346.3	13/80
Eastern Division							
Lakeba (1950-2024)	371.1	540.7	43.0	133.5	257.2	179.1	4/72
Vunisea (Kadavu) (1931-2024)	446.4	621.9	132.0	159.5	276.9	238.0	23/89
Ono-i-Lau (1943-2024)	119.7	418.9	122.0	103.0	228.4	181.2	30/77
Northern Division							
Labasa Airport (1946-2024)	621.4	859.1	30.9	147.9	273.8	233.0	4/69
Savusavu Airfield (1956-2024)	578.5	554.2	205.3	141.7	278.7	215.4	32/67
Udu Point (1946-2024)	319.0	327.3	165.9	186.6	296.7	236.3	25/75
Rotuma (1912-2024)	508.3		391.0	199.1	302.5	252.9	89/112

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

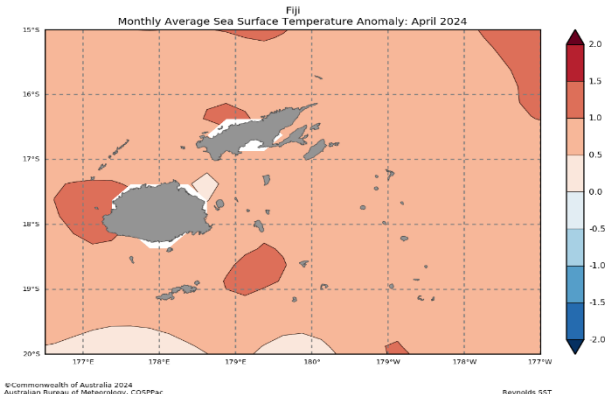
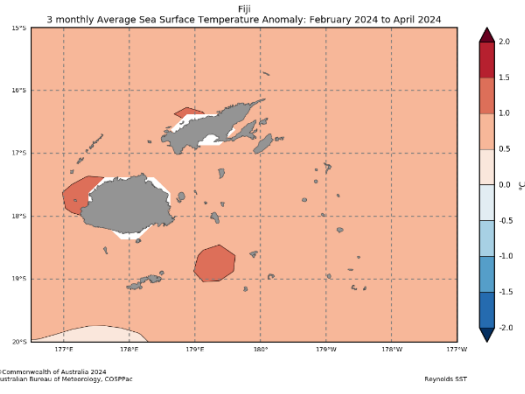
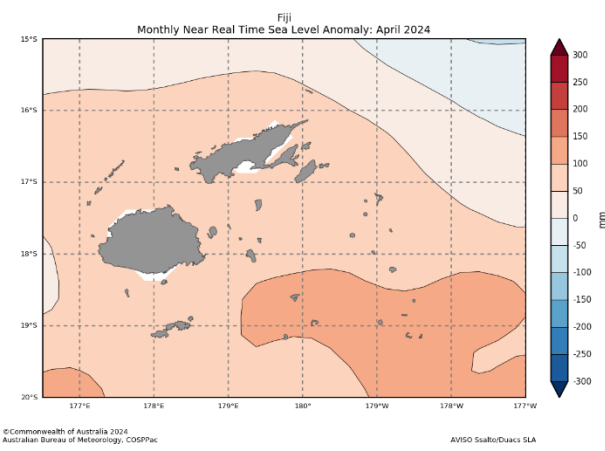
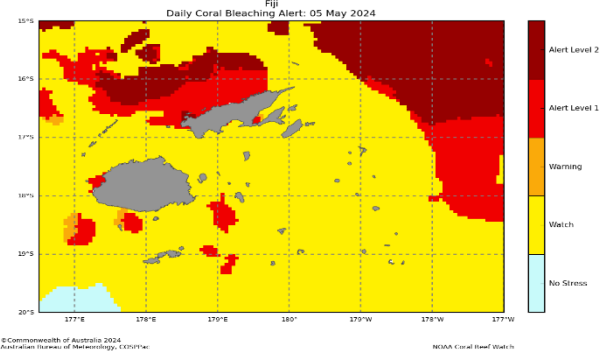
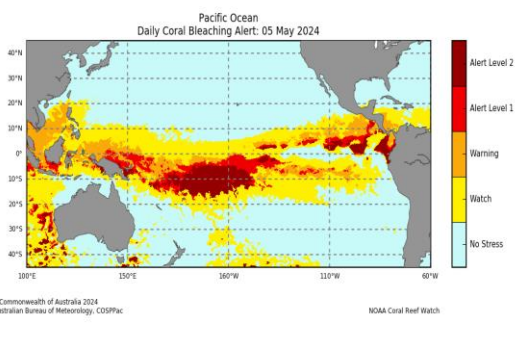
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Western Division						
Penang Mill (1910-2024)	1490.5	Above normal	847.8	1166.2	1025.1	104/114
Lautoka Mill (1900-2024)	1320.0	Above normal	750.8	969.6	838.3	114/124
Nadi Airport (1942-2024)	1353.2	Above normal	686.5	961.5	830.2	77/81
Central Division						
Laucala Bay (Suva) (1942-2024)	1397.3	Above normal	830.0	1055.2	929.0	76/83
Nausori Airport (1957-2024)	1331.5	Above normal	893.8	1044.3	960.5	61/68
Tokotoko (Navua) (1945-20243)	1584.5	Above normal	935.8	1207.4	1101.8	72/79
Eastern Division						
Lakeba (1950-2024)	954.8	Above normal	650.0	821.9	708.8	60/72
Vunisea (Kadavu) (1931-2024)	1200.3	Above normal	645.2	844.5	772.8	83/87
Ono-i-Lau (1943-2024)	660.6	Normal	481.1	748.7	595.9	44/75
Northern Division						
Labasa Airport (1947-2024)	1511.4	Above normal	775.8	1135.2	1022.4	64/67
Savusavu Airfield (1957-2024)	1338.0	Above normal	626.9	825.7	694.2	63/63
Udu Point (1946-2024)	812.2	Normal	782.5	1008.8	850.4	35/75
Rotuma (1912-2024)			851.8	1073.8	974.0	

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

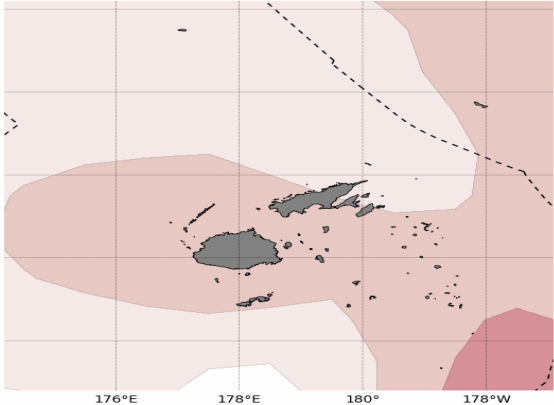
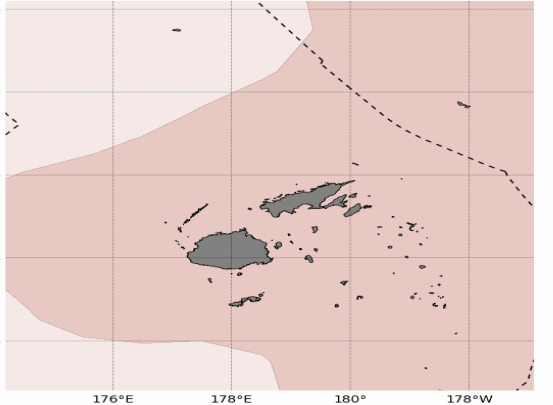
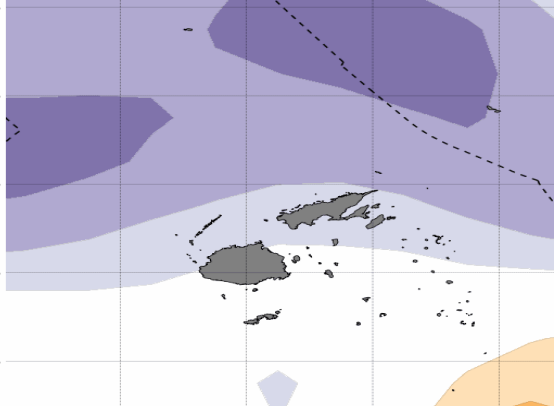
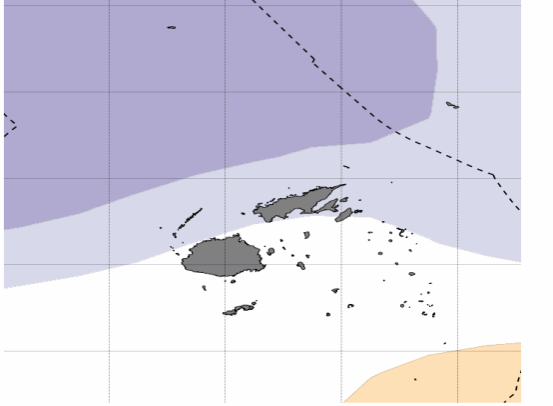
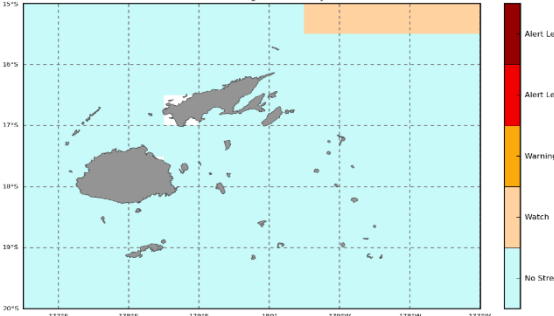
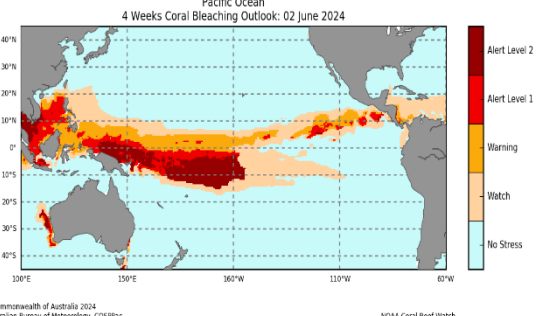


Part 2: Recent Ocean Observation

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

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

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>Difference from average sea surface temperature forecast for June 2024</div> <div><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, 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 http://www.marinerregions.org/</p><p>Model run: 04/05/2024 Issued: 06/05/2024</p></div>	<div>Seasonal sea surface temperature (Image 6):</div> <div>Difference from average sea surface temperature forecast for June to August 2024</div> <div><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, 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 http://www.marinerregions.org/</p><p>Model run: 04/05/2024 Issued: 06/05/2024</p></div>
<div>Monthly sea level (Image 7):</div> <div>Difference from average sea surface height forecast for June 2024</div> <div><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, 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 http://www.marinerregions.org/</p><p>Model run: 04/05/2024 Issued: 06/05/2024</p></div>	<div>Seasonal sea level (Image 8):</div> <div>Difference from average sea surface height forecast for June to August 2024</div> <div><p>Base period: 1981-2018 Model: ACCESS-S2 © Commonwealth of Australia 2024, 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 http://www.marinerregions.org/</p><p>Model run: 04/05/2024 Issued: 06/05/2024</p></div>
<div>4-week Coral Bleaching (Image 9):</div> <div>Fiji 4 Weeks Coral Bleaching Outlook: 02 June 2024</div> <div><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 02 June 2024</div> <div><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

For April 2024, rainfall was *below normal* across the Western, Central, and Eastern Divisions, as well as at Labasa and Udu Point, *near-normal* at Ono-i-Lau and Savusavu, while Rotuma recorded *above normal* rainfall. Nadi Airport recorded its driest April in 82 years of record. Lautoka recorded its second driest April in 125 years of record. Lakeba and Labasa recorded their fourth driest April in 72 and 69 years of record, respectively. Penang recorded its sixth driest April in 114 years of record.

For February to April 2024, *above normal* rainfall was registered at most sites, the exceptions being Ono-i-Lau and Udu Point where near-normal was recorded. Savusavu recorded its wettest February to April in 63 years of recorded. Labasa recorded its fourth wettest February to April in 67 years of record. Nadi and Vunisea recorded their fifth wettest February to April in 81 and 87 years of record respectively. Suva, Nausori and Navua recorded their eighth wettest February to April in 83, 68 and 79 years of record, respectively.

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

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for June 2024 is likely to be *below normal* for the Lomaiviti Group and most parts Viti Levu and Vanua Levu, but there is little guidance for remaining areas. The rainfall for June to August is likely to be *above normal* for the Moala Group, *near-normal* across Viti Levu, the Lomaiviti Group, Rotuma, and southern parts of Vanua Levu. There is little guidance for the rest of the Fiji Group.

Maximum and minimum temperatures for Fiji for June 2024 and averaged over June to August 2024 are very likely to be *above normal* across the Fiji Group.

Part 2: Recent Ocean summary statement

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

April ocean temperatures around Fiji were 0.5 to 1.5°C above normal.

Averaged over February to April, ocean temperatures around Fiji were 0.5 to 1.5°C above normal.

April sea levels around Fiji were 50 to 150mm above normal.

There is a coral bleaching 'Alert Level 2' for waters north of Vanua Levu and for parts of the Western and Eastern Divisions.

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

Ocean Variable statement

June ocean temperatures are predicted to be 0.4 to 1.2°C *above normal*.

Averaged over June to August 2024, ocean temperatures are predicted to be 0.4 to 1.2°C *above normal*.

Monthly sea surface heights for June are likely to be 60 to 200mm *below normal* for northern half of Fiji's Exclusive Economic Zone (EEZ), while remaining parts of the Fiji group are likely to be *near normal*.

Seasonal sea surface heights are likely to be 60 to 200mm *below normal* for northern half of Fiji's EEZ, while remaining parts of the Fiji group are likely to be *near normal*.

Coral bleaching outlook is at ‘*No Stress*’ for the Fiji Group.

IN BRIEF for Teleconference

- April rainfall was *below normal* at most sites, but February to April rainfall was above normal at most locations.
- June rainfall is likely to be *below normal* for the Lomaiviti Group and most parts Viti Levu and Vanua Levu. The rainfall for June to August is likely to be *above normal* for the Moala Group, and *near-normal* across Viti Levu, Lomaiviti Group and Rotuma, and southern parts of Vanua Levu.
- SSTs were above normal for April and February to April. The outlook predicts *above normal* SSTs for the next one and three months.
- Sea-surface heights (SSHs) were *above normal* for April. *Below normal* sea surface heights for northern half of Fiji’s exclusive economic zone are predicted for June and June to August. For the rest of the EEZ, SSHs are predicted to be near normal.
- There is a coral bleaching ‘*Alert Level 2*’ for waters north of Vanua Levu and for parts of the Western and Eastern Divisions.

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

Product	Date: April 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Fiji Climate Summary	08/04/2024	General Public	140	106	34	
EAR Watch	15/04/2024	Humanitarian partners	122	96	26	
Fiji Climate Outlook	30/04/2024	General public	124	93	31	
Climate Outlook for Monasavu	30/04/2024	Energy Fiji Limited	13	13	-	
Fiji Ocean Outlook	19/04/2024	A number of key ocean related stakeholders	36	29	7	
Fiji Sugarcane Rainfall Outlook	11/04/2024	Sugar Industry stakeholders	77	60	17	
Meteorological Data Request	1/04/2024- 30/04/2024	A range of stakeholders	69	53	16	
Total			581	450	131	