

Country: Fiji

Part 1: Recent climate

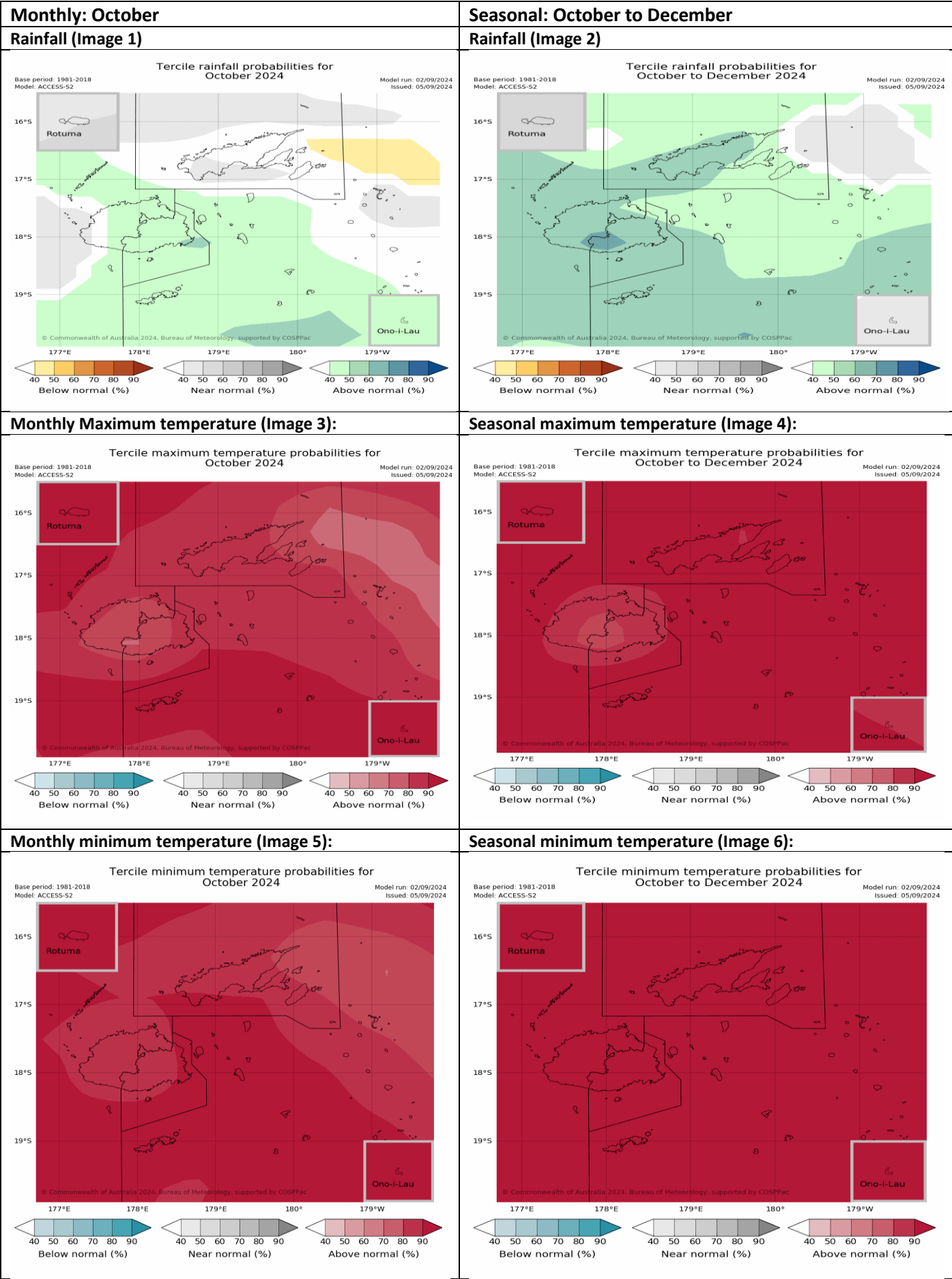
TABLE 1: Monthly Rainfall

Station (include data period)	Jun-2024	Jul-2024	Aug-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Western Division							
Penang Mill (1910-2024)	9.6	33.3	108.8	36.7	74.6	51.4	92/115
Lautoka Mill (1900-2024)	0.0	68.5	104.1	20.9	52.9	39.2	98/125
Nadi Airport (1942-2024)	0.0	49.4	100.9	24.1	64.6	49.1	66/83
Central Division							
Laucala Bay (Suva) (1942-2024)	61.2	57.4	215.3	91.6	149.6	125.6	67/83
Nausori Airport (1957-2024)	79.7	44.2	223.2	90.8	163.3	116.2	58/68
Tokotoko (Navua) (1945-2024)	124.0	229.0	252.0	132.5	207.2	169.2	61/79
Eastern Division							
Lakeba (1950-2024)	5.5	29.7	0.5	48.9	92.5	72.5	1/75
Vunisea (Kadavu) (1931-2024)	67.7	100.9	196.0	64.2	128.6	86.2	75/87
Ono-i-Lau (1943-2024)	16.5	99.2	44.7	55.1	109.6	88.0	21/77
Northern Division							
Labasa Airport (1946-2024)	58.1	11.1	36.3	13.9	60.1	46.7	32/68
Savusavu Airfield (1956-2024)	51.6	50.1	31.9	64.2	107.2	85.1	11/68
Udu Point (1946-2024)	19.2	101.9	267.6	48.1	105.6	87.0	73/75
Rotuma (1912-2024)	103.0	308.5	22.5	130.6	223.0	178.1	1/109

TABLE 2: Three-month Total Rainfall for June to August 2024

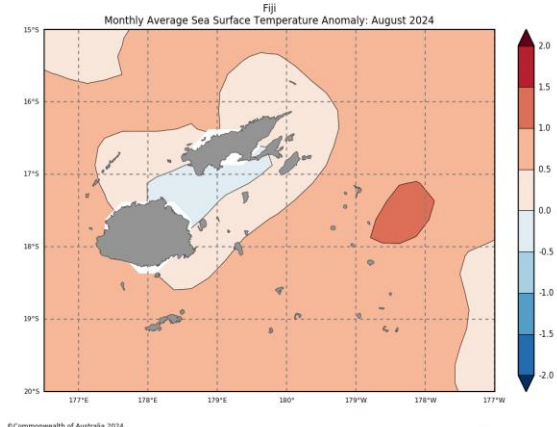
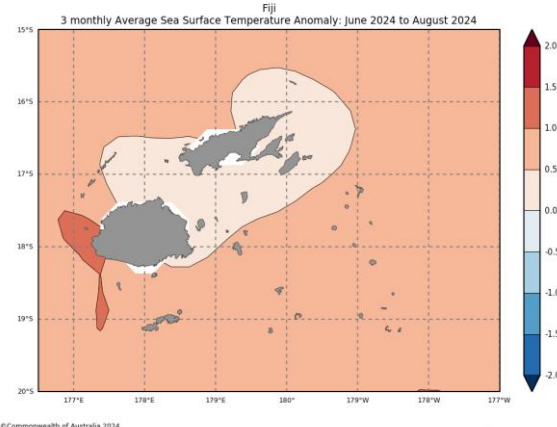
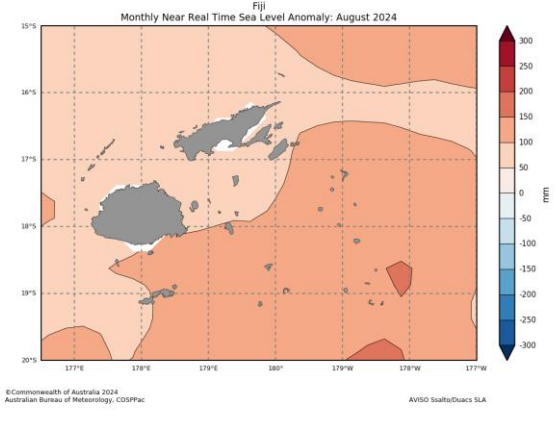
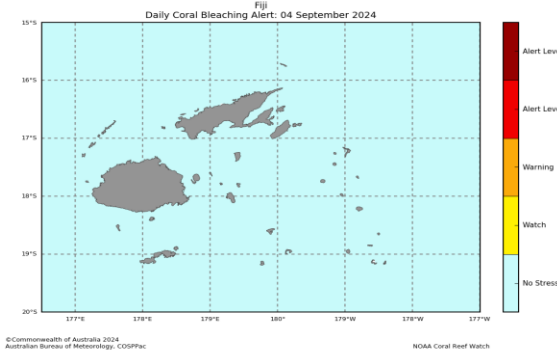
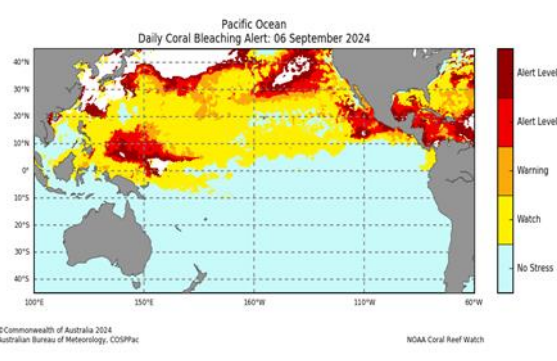
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Western Division						
Penang Mill (1910-2024)	151.7	Below normal	165.6	225.9	192.0	39/115
Lautoka Mill (1900-2024)	172.6	Normal	113.4	211.1	151.0	68/124
Nadi Airport (1942-2024)	150.3	Normal	114.2	203.2	154.0	41/83
Central Division						
Laucala Bay (Suva) (1942-2024)	333.9	Below normal	361.8	519.9	436.0	21/83
Nausori Airport (1957-2024)	347.1	Normal	338.6	495.8	422.5	26/68
Tokotoko (Navua) (1945-20243)	605.0	Normal	471.7	651.4	554.4	47/78
Eastern Division						
Lakeba (1950-2024)	35.7	Below normal	184.5	298.9	270.1	1/73
Vunisea (Kadavu) (1931-2024)	364.6	Normal	285.3	412.2	358.2	49/85
Ono-i-Lau (1943-2024)	160.4	Below normal	248.9	336.2	287.0	11/74
Northern Division						
Labasa Airport (1947-2024)	105.5	Below normal	110.1	181.4	145.6	21/67
Savusavu Airfield (1957-2024)	133.6	Below normal	230.7	358.5	312.1	5/65
Udu Point (1946-2024)	388.7	Normal	263.6	415.1	315.2	48/74
Rotuma (1912-2024)	434.0	Below normal	589.6	834.5	705.8	12/107

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2024



Part 2: Recent Ocean Observation

Monthly/Three months: August 2024 and June to August 2024

<p>Monthly: August 2024</p> <p>Sea Surface Temperature (Image 1):</p>  <p>Monthly Average Sea Surface Temperature Anomaly: August 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>	<p>Last three months: June to August 2024:</p> <p>Sea Surface Temperature (Image 4):</p>  <p>3 monthly Average Sea Surface Temperature Anomaly: June 2024 to August 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>
<p>Sea level (Image 2):</p>  <p>Monthly Near Real Time Sea Level Anomaly: August 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO SeaWiFS/QuikSCAT SLA</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Daily Coral Bleaching Alert: 04 September 2024</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	 <p>Daily Coral Bleaching Alert: 06 September 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 October and October to December 2024

Monthly: October	Seasonal: October to December
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
<div><p>Difference from average sea surface temperature forecast for October 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/09/2024 Issued: 04/09/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div><p>Difference from average sea surface temperature forecast for October to December 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/09/2024 Issued: 04/09/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
Monthly sea level (Image 7):	Seasonal sea level (Image 8):
<div><p>Difference from average sea surface height forecast for October 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/09/2024 Issued: 04/09/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>	<div><p>Difference from average sea surface height forecast for October to December 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 02/09/2024 Issued: 04/09/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p><p>-- -- EEZ border V11 (Flanders Marine Institute, 2019).</p></div>
4-week Coral Bleaching (Image 9):	
<div><p>Fiji</p><p>4 Weeks Coral Bleaching Outlook: 29 September 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>	<div><p>Pacific Ocean</p><p>4 Weeks Coral Bleaching Outlook: 29 September 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: August 2024/June to August 2024 statement

For August 2024, rainfall was *above normal* across the Western and Central Divisions, Vunisea and Udu Point, *near-normal* at Labasa Airport, and *below normal* at Lakeba, Ono-i-Lau, Savusavu Airfield and Rotuma. Lakeba and Rotuma recorded their driest August in 75 and 109 years of record, respectively. Udu Point had its third lowest August rainfall in 75 years of record.

June to August 2024 rainfall was as *near-normal* to *below normal*. Lakeba and Savusavu Airfield recorded their driest and fifth driest June to August period in 73 and 65 years of record, respectively.

Part 1i. Monthly and Seasonal Outlooks for October and October to December 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for October 2024 is likely to be *above normal* for Central Division, most parts of the Western Division, some parts of the Lau Group and Kadavu, while *near-normal* is likely for parts of Vanua Levu and Rotuma; there is little guidance for the rest of Fiji. The rainfall for October to December is likely to be *above normal* across most parts of Fiji, while *near-normal* rainfall is likely for Ono-i-Lau and Rotuma.

Maximum and minimum temperatures for Fiji for October 2024 and averaged over October to December 2024 are very likely to be *above normal* across the country.

Part 2: Recent Ocean summary statement

Monthly and last three months: August 2024/June to August 2024

August ocean temperatures in most parts of Fiji were 0.0 to 1.5°C *above normal*, while 0.0 to -0.5°C *near normal* were observed across the Vatu-i-Ra passage. Averaged over June to August, ocean temperatures in most parts of Fiji were 0.0 to 1.5°C *above normal*.

August sea levels in most parts of Fiji were 50 to 150mm *above normal*.

Coral bleaching alert is at 'No Stress' for the Fiji Waters.

Part 2i. Monthly and Seasonal Outlooks for October and October to December 2024

Ocean Variable statement

October and averaged over October to December, ocean temperatures are predicted to be 0.4 to 1.2°C *above normal*.

Monthly sea surface heights for October are likely to be 30 to 60mm *above normal* for Ono-i-Lau, 30 to 60mm *below normal* for Rotuma, while remaining parts of the Fiji group SSHs are likely to be *near normal*.

Seasonal sea surface heights are likely to be 30 to 60mm *below normal* for Rotuma, while remaining parts of the Fiji group SSHs are likely to be *near normal*.

Coral bleaching outlook is at 'No Stress' for the Fiji Group.

IN BRIEF for Teleconference

- August rainfall totals ranged from *below normal* to *above normal* across the country, while June to August rainfall totals were near-normal to *below normal*.
- October rainfall is likely to be *above normal* for Central Division, most parts of the Western Division, some parts of the Lau Group and Kadavu, while *near-normal* is likely for parts of Vanua Levu and Rotuma. The rainfall for October to December is likely to be *above normal* across most parts of Fiji.
- SSTs were near normal to *above normal* for August and June to August. The outlook predicts *above normal* SSTs for the next one and three months.
- Sea-surface heights (SSHs) were *above normal* for August. *Below normal* sea surface heights are predicted for Rotuma for October and from October to December. *Above normal* SSHs are predicted for Ono-i-Lau for October. For the rest of the Fiji Group, SSHs are predicted to be *near normal for the next one and three months*.

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

Product	Date: August 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Fiji Climate Summary	07/08/2024	General Public	140	106	34	
EAR Watch	09/08/2024	Humanitarian partners	122	96	26	
Fiji Climate Outlook	30/08/2024	General public	124	93	31	
Climate Outlook for Monasavu	30/08/2024	Energy Fiji Limited	13	13	-	
Fiji Ocean Outlook	20/08/2024	A number of key ocean related stakeholders	36	29	7	
Fiji Sugarcane Rainfall Outlook	08/08/2024	Sugar Industry stakeholders	77	60	17	
Meteorological Data Request	01/08/2024- 31/08/2024	A range of stakeholders	32	24	8	
Total			544	421	123	