

Country: Fiji

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2024	Aug-2024	Sep-2024				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Western Division							
Penang Mill (1910-2024)	33.3	108.8	24.6	42.0	93.0	59.2	26/114
Lautoka Mill (1900-2024)	68.5	104.1	6.8	31.6	86.6	57.1	11/125
Nadi Airport (1942-2024)	49.4	100.9	9.9	36.5	88.6	62.6	12/83
Central Division							
Laucala Bay (Suva) (1942-2024)	57.4	215.3	108.0	116.6	219.6	148.6	25/83
Nausori Airport (1957-2024)	44.2	223.2	115.5	109.6	196.3	145.2	27/68
Tokotoko (Navua) (1945-2024)	229.0	252.0	201.5	158.3	287.6	213.5	37/79
Eastern Division							
Lakeba (1950-2024)	29.7	0.5	147.6	68.7	125.5	91.5	58/75
Vunisea (Kadavu) (1931-2024)	100.9	196.0	131.0	93.2	165.7	134.0	47/87
Ono-i-Lau (1943-2024)	99.2	44.7	54.4	72.7	119.7	96.7	17/77
Northern Division							
Labasa Airport (1946-2024)	11.1	36.3	55.0	37.7	82.6	61.6	31/66
Savusavu Airfield (1956-2024)	50.1	31.9	105.6	79.3	136.7	107.0	33/66
Udu Point (1946-2024)	101.9	267.6	194.3	73.1	147.7	107.6	65/75
Rotuma (1912-2024)	308.5	22.5	243.5	165.6	262.6	210.2	72/108

TABLE 2: Three-month Total Rainfall for July to September 2025

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Western Division						
Penang Mill (1910-2024)	166.7	Normal	130.0	227.9	186.5	47/114
Lautoka Mill (1900-2024)	179.4	Normal	116.7	219.0	156.2	66/124
Nadi Airport (1942-2024)	160.2	Normal	128.6	211.4	174.6	41/83
Central Division						
Laucala Bay (Suva) (1942-2024)	380.7	Below normal	384.0	564.5	458.2	27/83
Nausori Airport (1957-2024)	382.9	Normal	364.2	530.7	436.0	28/68
Tokotoko (Navua) (1945-20243)	682.5	Above normal	513.6	664.9	593.4	53/78
Eastern Division						
Lakeba (1950-2024)	177.8	Below normal	204.1	313.5	236.8	21/73
Vunisea (Kadavu) (1931-2024)	427.9	Above normal	296.3	398.9	348.6	66/85
Ono-i-Lau (1943-2024)	198.3	Below normal	252.6	333.9	295.5	16/76
Northern Division						
Labasa Airport (1947-2024)	102.4	Below normal	111.8	188.9	155.3	20/66
Savusavu Airfield (1957-2024)	187.6	Below normal	243.5	337.4	305.5	13/66
Udu Point (1946-2024)	563.8	Above normal	245.9	350.7	303.0	73/74
Rotuma (1912-2024)	574.5	Below normal	575.4	768.9	656.1	34/107

Part 1i. Monthly and Seasonal Outlooks for November and November to January 2025

Monthly: November	Seasonal: November to January
Rainfall (Image 1)	Rainfall (Image 2)
<div><p>Tercile rainfall probabilities for November 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 08/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>	<div><p>Tercile rainfall probabilities for November 2024 to January 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 08/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>
Monthly Maximum temperature (Image 3):	Seasonal maximum temperature (Image 4):
<div><p>Tercile maximum temperature probabilities for November 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 08/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>	<div><p>Tercile maximum temperature probabilities for November 2024 to January 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 08/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>
Monthly minimum temperature (Image 5):	Seasonal minimum temperature (Image 6):
<div><p>Tercile minimum temperature probabilities for November 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 08/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>	<div><p>Tercile minimum temperature probabilities for November 2024 to January 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 07/10/2024</p><p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p></div>

Part 2: Recent Ocean Observation

Monthly/Three months: September 2024 and July to September 2024

Monthly: September 2024	Last three months: July to September 2024:
<div>Sea Surface Temperature (Image 1):</div> <div><p>Fiji</p><p>Monthly Average Sea Surface Temperature Anomaly: September 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>Reynolds SST</p></div>	<div>Sea Surface Temperature (Image 4):</div> <div><p>Fiji</p><p>3 monthly Average Sea Surface Temperature Anomaly: July 2024 to September 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>Reynolds SST</p></div>
<div>Sea level (Image 2):</div> <div><p>Fiji</p><p>Monthly Near Real Time Sea Level Anomaly: September 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>AVISO SeaWiFS SLA</p></div>	
<div>Daily coral bleaching alert (Image 3):</div> <div><p>Fiji</p><p>Daily Coral Bleaching Alert: 02 October 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>Daily Coral Bleaching Alert: 02 October 2024</p><p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>

Part 2i. Monthly and Seasonal Outlooks for November and November to January 2025

Monthly: November	Seasonal: November to January
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
<div><p>Difference from average sea surface temperature forecast for November 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 07/10/2024</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 November 2024 to January 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 07/10/2024</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 November 2024</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 07/10/2024</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 November 2024 to January 2025</p><p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 05/10/2024 Issued: 07/10/2024</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: 20 October 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: 20 October 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: September 2024/July to September 2024 statement

For September 2024, rainfall was *below normal* across the Western Division, Laucala Bay, and Ono-i-Lau, *near normal* at Nausori Airport, Navua, Vunisea, Labasa Airport, Savusavu Airfield, and Rotuma and *above normal* at Lakeba and Udu Point.

July to September 2024, *below normal* rainfall was recorded at Laucala Bay, Lakeba, Ono-i-Lau, Labasa Airport, Savusavu Airfield and Rotuma, *near normal* across the Western Division and Nausori Airport, and *above normal* at Navua, Vunisea and Udu Point. Udu Point recorded its second wettest July to September period in 74 years of record.

## Part 1i. Monthly and Seasonal Outlooks for November and November to January 2025

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for November 2024 is likely to be *above normal* for Western and Central Divisions, Kadavu, Lomaiviti Group and Moala Group and Ono-i-Lau, *near normal* across Vanua Levu, Lau Group and Rotuma. The rainfall for November to January 2025 is likely to be *above normal* across the Fiji Group. Maximum and minimum temperatures for Fiji for November 2024 and averaged over November to January 2025 are very likely to be *above normal* across the Fiji Group.

## Part 2: Recent Ocean summary statement

### Monthly and last three months: September 2024/July to September 2024

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

September and averaged over July to September, ocean temperatures were utmost 1.5°C above normal.

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

## Part 2i. Monthly and Seasonal Outlooks for November and November to January 2025

### Ocean Variable statement

For November and averaged over November to January 2025, ocean temperatures are predicted to be 0.4 to 1.2°C *above normal*.

Sea surface height outlooks for November, as well as for November to January 2025 are likely to be 30 to 60mm *below normal* for Rotuma, 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

- September rainfall totals ranged from *below normal* to *above normal* across the country, while July to September rainfall totals were *near normal* to *below normal* at most sites.
- November rainfall is likely to be *above normal* for Western and Central Divisions, Kadavu, Lomaiviti Group and Moala Group and Ono-i-Lau, *near normal* across Vanua Levu, Lau Group and Rotuma. The rainfall for November to January is likely to be *above normal* across the Fiji Group.
- September and averaged over July to September, sea surface temperatures were above normal. For the next one and three months, sea surface temperatures are predicted to be above normal.
- Sea -surface heights were *above normal* for September. , SSHs are predicted to be below normal to *near normal* for the next one and three months.

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

Product	Date: September 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Fiji Climate Summary	10/09/2024	General Public	140	106	34	
EAR Watch	11/09/2024	Humanitarian partners	122	96	26	
Fiji Climate Outlook	30/09/2024	General public	124	93	31	
Climate Outlook for Monasavu	30/09/2024	Energy Fiji Limited	13	13	-	
Fiji Ocean Outlook	20/09/2024	A number of key ocean related stakeholders	36	29	7	
Fiji Sugarcane Rainfall Outlook	09/09/2024	Sugar Industry stakeholders	77	60	17	
ENSO Outlook	25/09/2024	General Public	142	116	26	
Meteorological Data Request	01/09/2024- 30/09/2024	A range of stakeholders	20	17	3	
<b>Total</b>			<b>674</b>	<b>530</b>	<b>144</b>	