

Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 209

Country: Fiji

Part 1: Recent climate

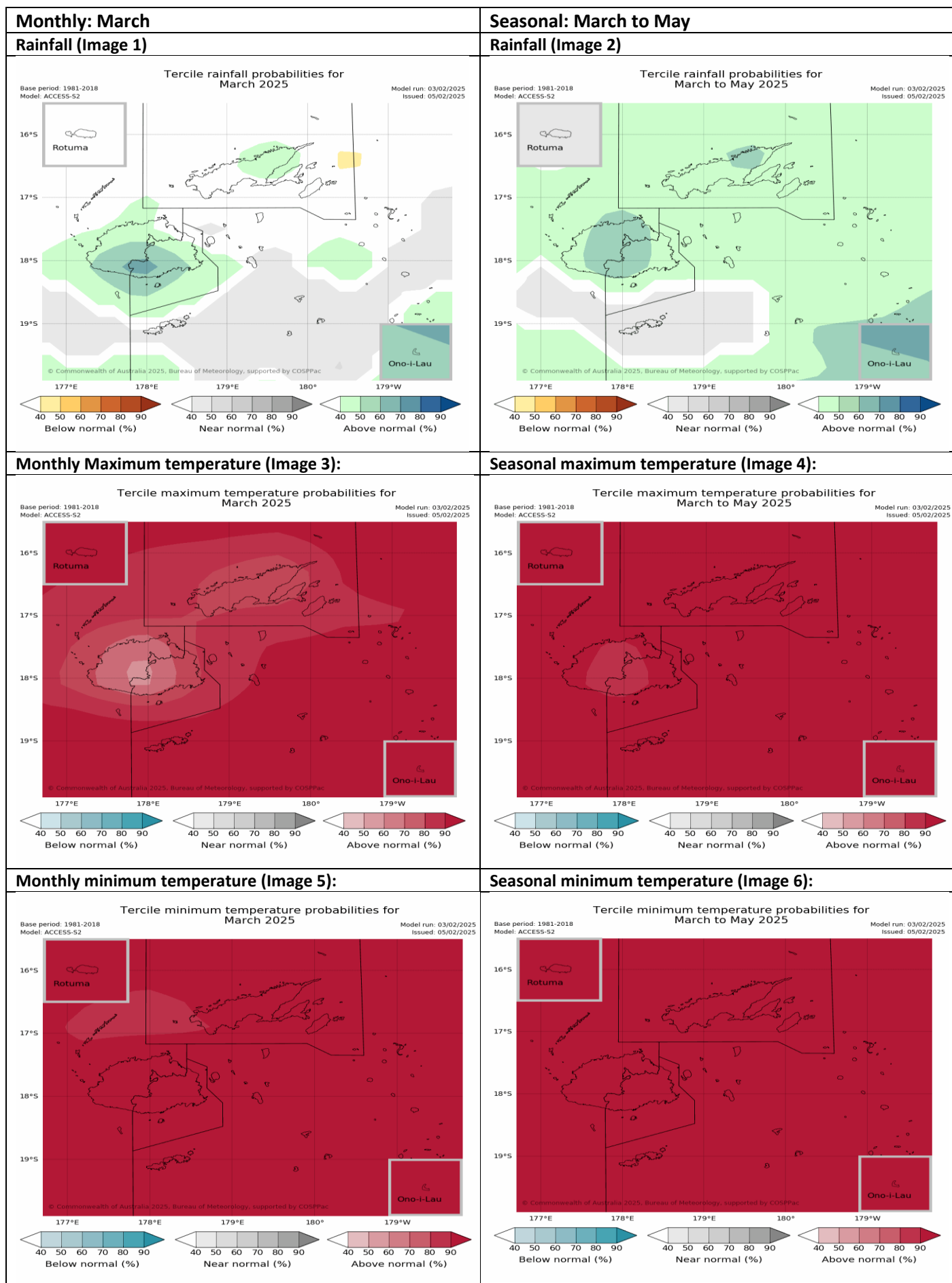
TABLE 1: Monthly Rainfall

Station (include data period)	Nov-2024	Dec-2024	Jan-2025				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Western Division							
Penang Mill (1910-2025)	215.3	479.2	381.4	258.1	480.1	346.4	73/116
Lautoka Mill (1900-2025)	193.6	462.5	324.8	215.3	420.3	317.1	76/125
Nadi Airport (1942-2025)	122.7	520.0	302.3	226.9	369.8	307.3	42/84
Central Division							
Laucala Bay (Suva) (1942-2025)	549.0	281.8	348.7	256.0	410.1	323.4	45/84
Nausori Airport (1957-2025)	385.3	265.8	482.6	272.5	407.5	325.5	55/69
Tokotoko (Navua) (1945-2025)	414.5	275.0	452.5	294.5	412.5	343.7	60/79
Eastern Division							
Lakeba (1950-2025)	79.4	190.0	256.0	172.3	309.7	244.8	42/75
Vunisea (Kadavu) (1931-2025)	324.5	165.1	440.0	174.8	299.6	250.6	78/89
Ono-i-Lau (1943-2025)	222.3	88.3	116.6	131.1	231.0	186.5	23/77
Northern Division							
Labasa Airport (1946-2025)	249.8	563.1	434.5	242.2	458.6	367.8	40/67
Savusavu Airfield (1956-2025)	185.6	262.9	305.9	199.9	316.9	253.8	42/64
Udu Point (1946-2025)	267.5	304.0	348.0	248.3	397.0	334.9	42/76
Rotuma (1912-2025)	367.9	236.0	241.5	278.0	414.2	335.0	27/113

TABLE 2: Three-month Total Rainfall for November 2024 to January 2025

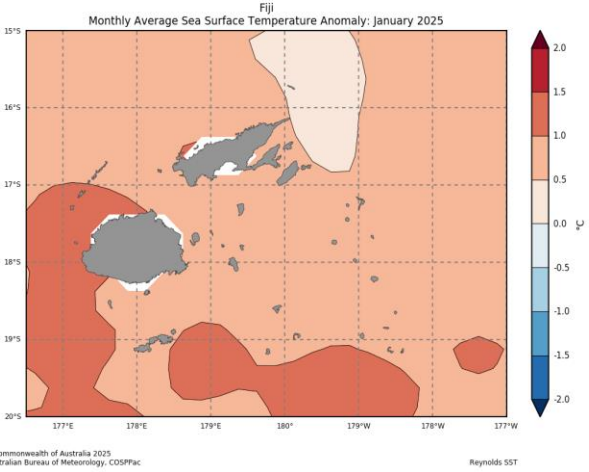
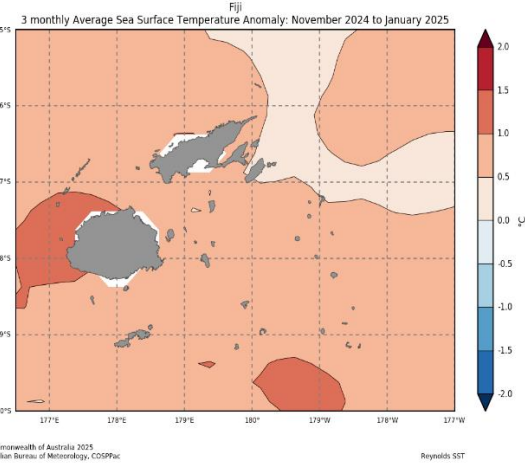
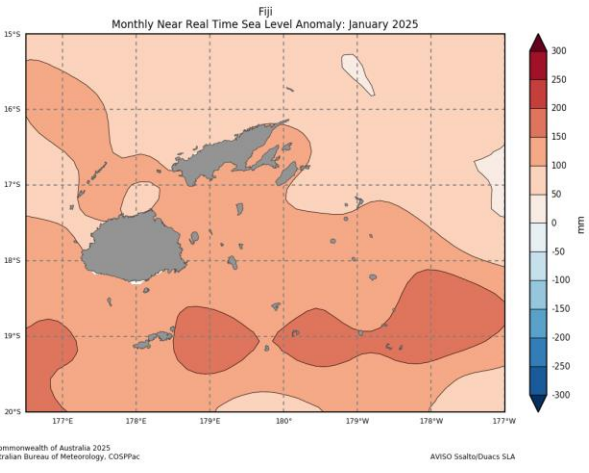
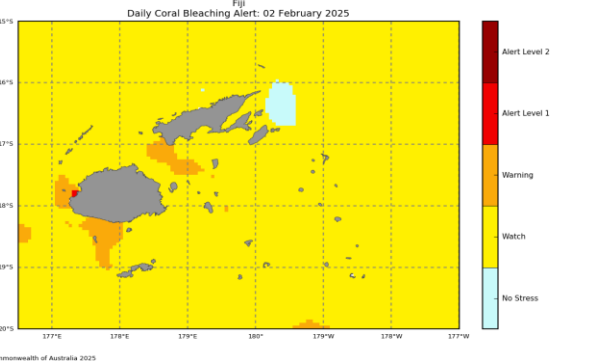
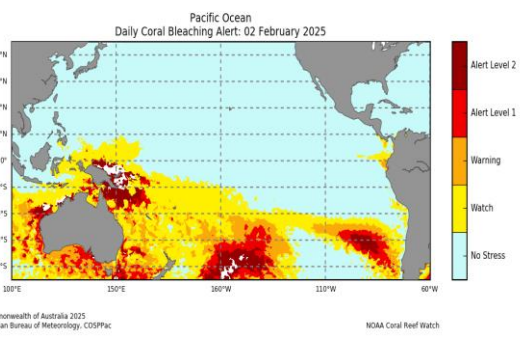
Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Western Division						
Penang Mill (1910-2025)	1075.9	Above normal	579.4	937.5	722.2	86/110
Lautoka Mill (1900-2025)	980.9	Above normal	443.4	760.8	637.2	109/125
Nadi Airport (1942-2025)	945.0	Above normal	428.9	767.5	663.6	69/82
Central Division						
Laucala Bay (Suva) (1942-2025)	1179.5	Above normal	707.9	1036.0	917.0	70/83
Nausori Airport (1957-2025)	1133.7	Above normal	743.0	1056.9	857.1	52/69
Tokotoko (Navua) (1945-2025)	1142.0	Normal	853.7	1144.8	953.2	53/77
Eastern Division						
Lakeba (1950-2025)	525.4	Normal	464.2	684.5	587.5	31/75
Vunisea (Kadavu) (1931-2025)	929.6	Above normal	492.5	712.8	590.7	79/86
Ono-i-Lau (1943-2025)	427.2	Normal	368.6	515.5	452.0	31/74
Northern Division						
Labasa Airport (1947-2025)	1247.4	Above normal	565.2	920.9	666.6	54/62
Savusavu Airfield (1957-2025)	754.4	Above normal	576.0	722.8	652.2	43/63
Udu Point (1946-2025)	919.5	Above normal	693.3	918.0	761.9	51/74
Rotuma (1912-2025)	845.4	Below normal	846.6	1070.8	965.4	33/109

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

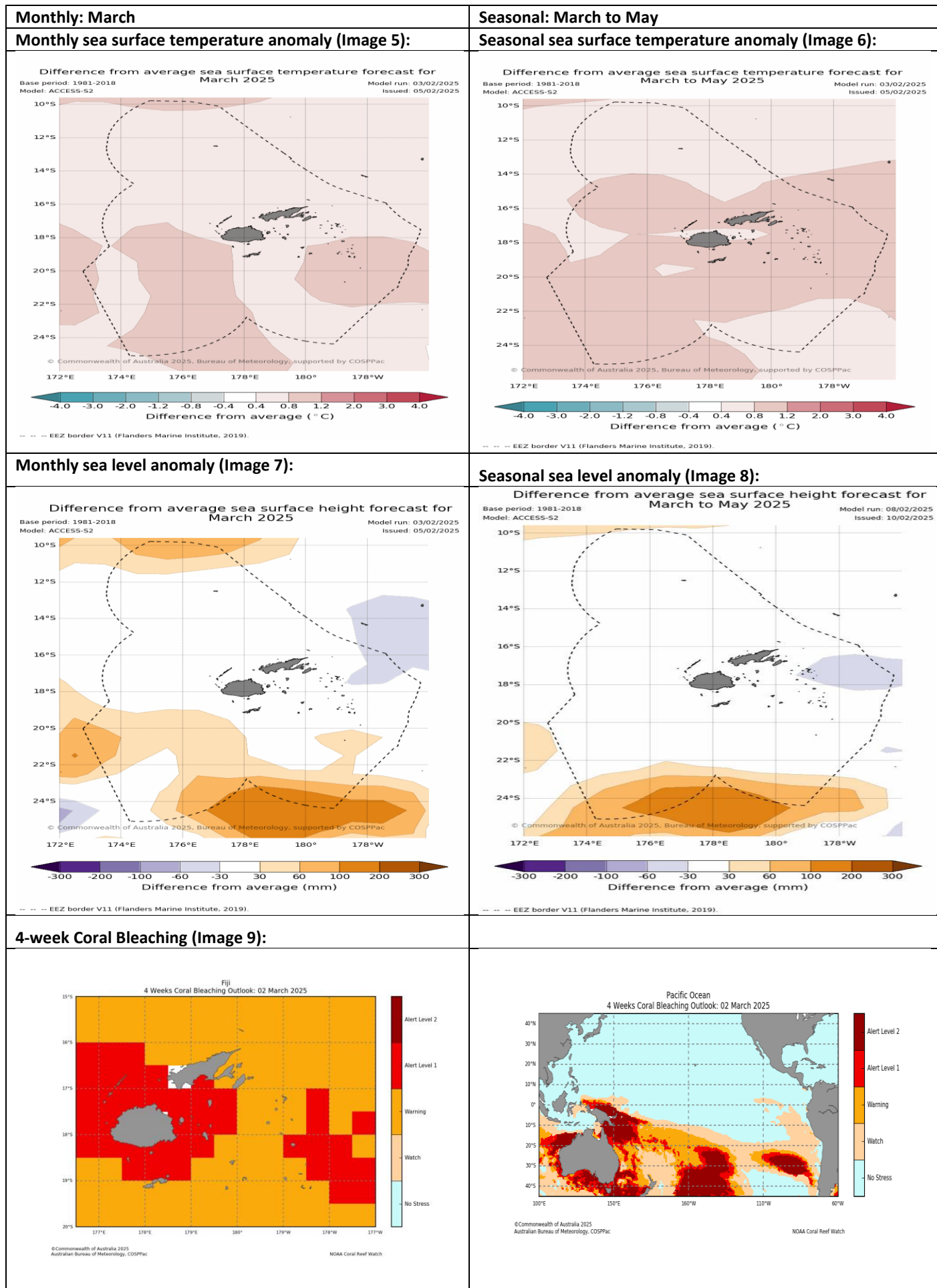


Part 2: Recent Ocean Observation

Monthly/Three months: January 2025 and November 2024 to January 2025

Monthly: January 2025	Last three months: November 2024 to January 2025:
<p>Sea Surface Temperature Anomaly (Image 1):</p>  <p>Monthly Average Sea Surface Temperature Anomaly: January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>	<p>Sea Surface Temperature Anomaly (Image 4):</p>  <p>3 monthly Average Sea Surface Temperature Anomaly: November 2024 to January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>Reynolds SST</p>
<p>Sea level anomaly (Image 2):</p>  <p>Monthly Near Real Time Sea Level Anomaly: January 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>AVISO Ssalto/Duacs SLA</p>	
<p>Daily coral bleaching alert (Image 3):</p>  <p>Daily Coral Bleaching Alert: 02 February 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	 <p>Pacific Ocean Daily Coral Bleaching Alert: 02 February 2025</p> <p>©Commonwealth of Australia 2025 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025



Summary Statement

Monthly and last three months: January 2025/November 2024 to January 2025 statement

For January 2025, rainfall was *above normal* at Nausori, Tokotoko (Navua) and Vunisea, *near normal* across the Western and Northern Divisions, Laucala Bay and Lakeba and *below normal* at Ono-i-Lau and Rotuma.

November to January 2025, *above normal* rainfall across the Western and Northern Divisions, Laucala Bay, Nausori, and Vunisea, *near normal* at Tokotoko (Navua), Lakeba and Ono-i-Lau, and *below normal* at Rotuma.

Part 1i. Monthly and Seasonal Outlooks for March and March to May 2025

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for March 2025 is likely to be *above normal* for Western, Central and some parts of the Northern Division, *near normal* for most parts of the Eastern Division, while there is little guidance for the Lomaiviti Group and Rotuma.

The rainfall for March to May 2025 is likely to be *above normal* across the Western, Central and Northern Divisions, most parts of the Eastern Division and *near normal* for Kadavu and Rotuma. Maximum and minimum temperatures for Fiji for March 2025 and averaged over March to May 2025 are very likely to be *above normal* across the Fiji Group.

Part 2: Recent Ocean summary statement

Monthly and last three months: January 2025/November 2024 to January 2025

January and averaged over November to January 2025, ocean temperatures in most parts of Fiji were 0.5 to 1.5°C *above normal*.

January sea levels in most parts of Fiji were 50 to 200mm *above normal*.

Coral bleaching alert is at '*Watch*' for most parts of Fiji.

Part 2i. Monthly and Seasonal Outlooks for March and March to May 2025

Ocean Variable statement

March and averaged over March to May 2025, ocean temperatures are predicted to be 0.4 to 1.2°C *above normal*.

March and averaged over March to May sea levels are -30 to 30mm *near normal* across the Fiji Group.

Coral bleaching four-week outlook is at '*Alert Level 1*' for most parts of Fiji.

In brief for Teleconference

- January rainfall totals ranged from *near normal* to *above average* across the country, while November to January 2025 rainfall totals were mostly *above normal* at most of the sites.
- The rainfall for March and March to May is likely to be *above normal* across most parts of the country.
- SSTs were *above normal* for January and November to January. The outlook predicts *above normal* SSTs for the next one and three months.

- Sea levels were *above normal* for January. For most of the Fiji Group, sea levels are predicted to be *near normal for the next one and three months*.
- Coral bleaching four-week outlook is at '*Alert Level 1*' for the Fiji Group.

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

Product	Date: January 2025	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Fiji Climate Summary	08/01/2025	General Public	140	106	34	
EAR Watch	09/01/2025	Humanitarian partners	122	96	26	
Fiji Climate Outlook	31/01/2025	General public	124	93	31	
Climate Outlook for Monasavu	31/01/2025	Energy Fiji Limited	13	13	-	
Fiji Ocean Outlook	20/01/2025	A number of key ocean related stakeholders	36	29	7	
Fiji Sugarcane Rainfall Outlook	31/01/2025	Sugar Industry stakeholders	77	60	17	
Meteorological Data Request	01/01/2025- 31/01/2025	A range of stakeholders	-	-	-	Report yet to be finalized
Total			512	397	115	

Flash Flooding Events

Continuous torrential heavy rainfall led to flash floods at low-level crossings and settlements in areas across the Western and Central Division, including the flooding of Ba and Sigatoka towns from the 7th to 9th. Flash flooding led to the closure of several low-level crossings and essential businesses. Other instances of heavy rain led to surface flooding in parts of the Western and Northern Division between the 23rd and 28th. An embedded trough of low pressure affected the group from the 29th to the end of the month resulting in flash flooding of Ba town and parts of Sabeto, Nadi on the 31st.



Figure 1a: Flooding in Qauia settlement, Lami on the 7th. Source: FBC News.



Figure 1b: Flooding of Viwawa Rd, Navua on the 7th. Source: Fiji Roads Authority.



Figure 1c: Flooding in parts of Sigatoka town on the 8th. Source: FBC News.



Figure 1d: Flooded part of Sigatoka town on the 8th. Source: FBC News.



Figure 1e: Surface flooding in Namotomoto village, Nadi on the 23rd. Source: Mirchi FM.



Figure 1f: Surface flooding in parts of Labasa on the 28th. Source: Mirchi FM.



Figure 1g: Surface flooding in Namoli Rd, Labasa on the 28th. Source: Fiji Roads Authority.



Figure 1h: Flooding of Ba town on the 31st. Source: FijiVillage.



Figure 1i: Flooding of parts of Sabeto, Nadi on the 31st. Source: Fiji Roads Authority.