Country: Fiji

Part 1: Recent climate

TABLE 1: Monthly Rainfall

Station (include data period)	Jul-2021	Aug-2021	Sep-2021						
			Total (mm)	33%tile	67%tile	Median	Rank		
	Total (mm)	Total (mm)	Rainfall (mm)						
Western Division									
Penang Mill (1910-2021)	43.9	15.1	56.8	38.3	93.0	59.9	47/111		
Lautoka Mill (1900-2021)	М	19.9	62.6	31.6	86.6	56.0	73/122		
Nadi Airport (1942-2021)	8.5	4.9	70.0	36.5	88.6	62.5	46/80		
	Central Division								
Laucala Bay (Suva) (1942-2021)	92.3	114.5	95.0	122.9	228.4	149.5	16/80		
Nausori Airport (1957-2021)	113.4	116.2	109.6	112.8	208.9	147.4	22/65		
Tokotoko (Navua) (1945-2021)	113.7	169.0	208.0	158.3	289.1	217.0	35/76		
Eastern Division									
Lakeba (1950-2021)	65.8	47.0	171.2	68.7	121.3	90.6	59/72		
Vunisea (Kadavu) (1931-2021)	215.0	96.5	174.2	91.7	165.7	132.5	61/84		
Ono-i-Lau (1943-2021)	67.1	25.8	133.3	72.1	119.7	92.4	51/74		
Northern Division									
Labasa Airport (1946-2021)	36.9	2.0	М	37.1	79.9	61.6			
Savusavu Airfield (1956-2021)	М	М	М	79.5	134.5	107.0			
Udu Point (1946-2021)	141.9	119.6	162.5	73.1	147.7	108.3	52/72		
Rotuma (1912-2021)	352.5	226.8	163.2	171.3	271.9	210.6	26/105		

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

0 Low: $0 \le X < 5$

TABLE 2: Three-month Total Rainfall for July to September 2021

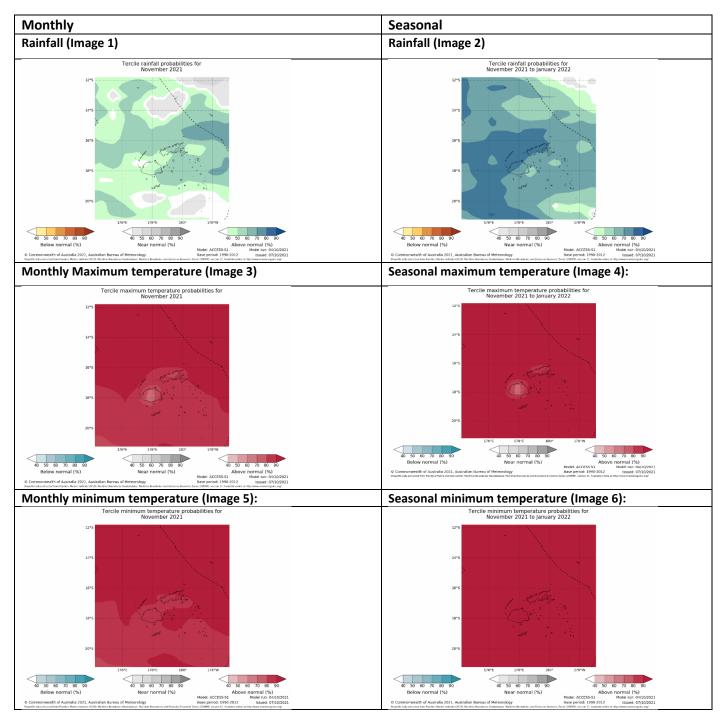
Station	Three-month Total		33%tile	67%tile	Median	Rank		
Western Division								
Penang Mill (1910-2021)	115.8	Below normal	130.9	227.9	184.8	24/111		
Lautoka Mill (1900-2021)			117.9	216.7	156.2			
Nadi Airport (1942-2021)	83.4	Below normal	128.8	211.4	175.0	10/80		
Central Division								
Laucala Bay (Suva) (1942-2021)	301.8	Below normal	386.3	564.5	464.6	15/80		
Nausori Airport (1957-2021)	339.2	Below normal	367.9	530.7	436.8	18/65		
Tokotoko (Navua) (1945-2021)	490.7	Below normal	520.7	664.9	594.7	19/75		
Eastern Division								
Lakeba (1950-2021)	284.0	Normal	199.6	315.8	233.2	43/70		
Vunisea (Kadavu) (1931-2021)	485.7	Above normal	292.6	398.4	345.3	69/83		
Ono-i-Lau (1943-2021)	226.2	Below normal	252.6	344.5	295.5	20/73		
Northern Division								
Labasa Airport (1947-2021)			109.0	188.5	153.0			
Savusavu Airfield (1957-2021)			240.6	336.7	305.5			
Udu Point (1946-2021)	424.0	Above normal	230.1	337.6	294.0	57/71		
Rotuma (1912-2021)	742.5	Normal	575.4	768.9	655.2	63/104		

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low: $0 \le X < 5$ Moderate $5 \le X < 10$

Part 1i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022



NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

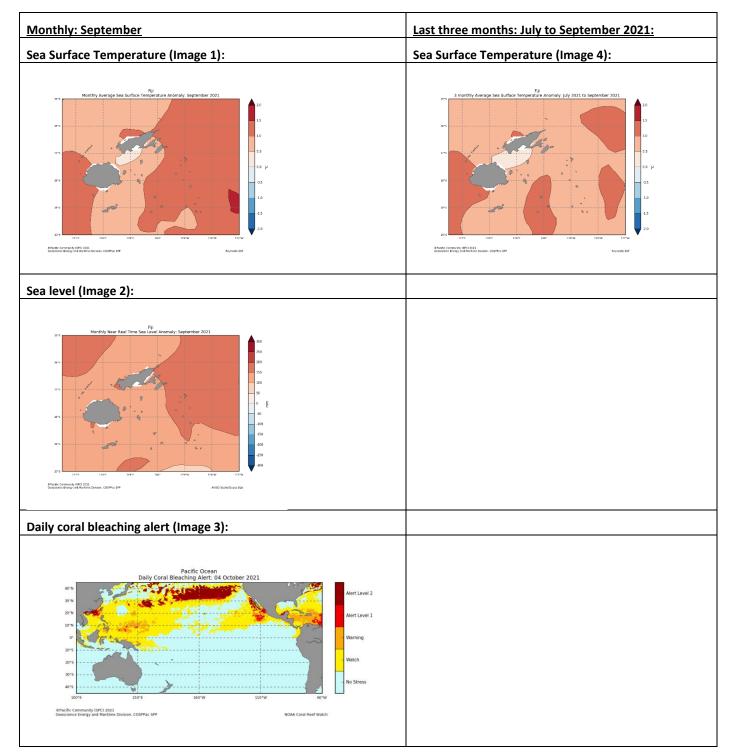
Low: $0 \le X < 5$

Moderate 5 ≤ X < 10

Good: $10 \le X < 15$ High: $15 \le X < 25$

Part 2: Recent Ocean summary statement

Monthly: September 2021

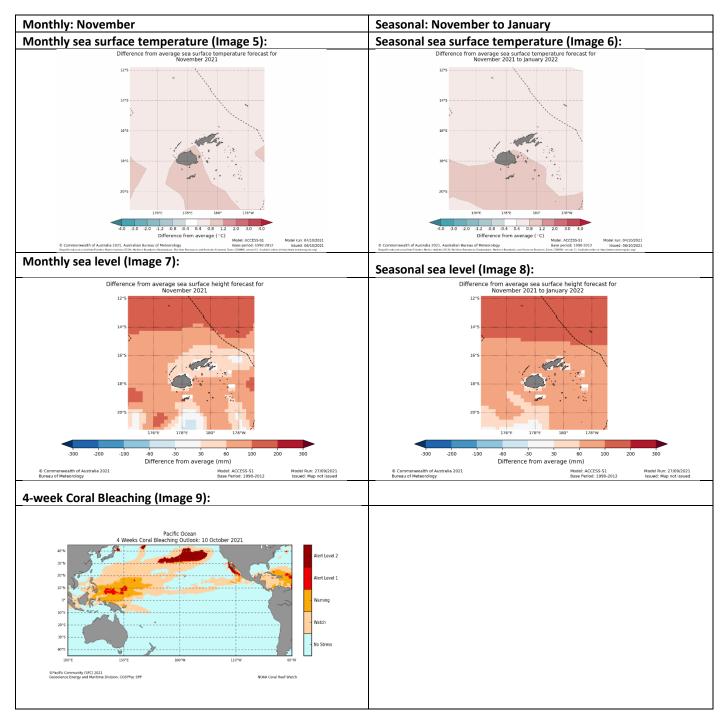


NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0Low: $0 \le X < 5$ Moderate $5 \le X < 10$

Good: 10 ≤ X < 15 High: 15≤ X < 25

Part 2i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022



NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

.0 Low: $0 \le X < 5$

Moderate 5 ≤ X < 10

Summary Statement

Monthly and last three months: September 2021/July to September statement (Highly significant changes)

For September 2021, below normal rainfall was recorded at Laucala Bay, Nausori Airport and Rotuma. On the other hand, above normal rainfall was registered in the Eastern Division and Udu point. Near normal rainfall was received in the Western Division and Tokotoko (Navua). Rainfall data is not available for Labasa Airport and Savusavu Airfield.

Below normal rainfall was recorded in the Western and Central Divisions, and Ono-i-Lau for July to September period. On the other hand, *above normal* rainfall was registered at Vunisea and Udu Point. *Near normal* rainfall was received at Lakeba and Rotuma.

Part 1i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022

Monthly /Seasonal rainfall and temperature Outlook statements (Highly significant changes)

The rainfall outlook for Fiji for November is likely to be *above normal*.

The rainfall outlook for Fiji for November 2021 to January 2022 is very likely to be *above normal*.

The maximum and minimum temperatures for Fiji for November and November 2021 to January 2022 are very likely to be *above normal*.

Part 2: Recent Ocean summary statement

Monthly and last three months: September/July to September 2021 (Highly significant changes)

Most of the Fiji Waters experienced above average SST in September 2021. Significant warm SSTs of 1.0 to 1.5°C above average were experienced on the western side of Viti Levu, Northern Vanua Levu and Lau Group.

For the July to September 2021 period, above average SSTs were experienced in most of the Fiji Waters, significant warmer SSTs of 1.0 to 1.5°C above average were experienced on the western side of Viti Levu, Northern Vanua Levu and some parts of the southern Lau Group.

The sea level anomaly across Fiji in September 2021 was significantly higher than normal, with Lau Waters in the range of 150 to 200 mm above average.

Part 2i. Monthly and Seasonal Outlooks for November and November 2021 to January 2022

Ocean Variable statement (Highly significant changes)

The SST outlook for Viti Levu, Kadavu, and parts of Lomaiviti Group shows a significant temperature difference of 0.8-1.2°C above normal for November.

The SST outlook for Viti Levu, Kadavu, Lomaiviti Group and southern Lau Group shows a significant temperature difference of 0.8-1.2°C above normal for November 2021 to January 2022.

The outlook across the Fiji Group shows a significant sea level difference of 0.06-0.2m above normal for November and November 2021 and January 2022.

NB: The X LEPS % score has been categorised as follows:

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

Product	Date: September 2021	Stakeholder	Total Number of Participants	Number of male	Number of female
Fiji Climate Summary	08/09/21	General Public	140	106	34
EAR Watch	08/09/21	Humanitarian partners	122	96	26
Fiji Climate Outlook	30/09/21	General public	124	93	31
Climate Outlook for Monasavu	30/09/21	Energy Fiji Limited	13	13	-
Ocean Outlook	20/09/21	A number of key ocean related stakeholders	36	29	7
ENSO Outlook	25/09/21	General Public	142	116	26
Meteorological Data Request	01/09/21 to 30/09/21	A range of stakeholders	31	23	8
Total			608	476	132

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0

Low: $0 \le X < 5$ Moderate $5 \le X < 10$ Good: $10 \le X < 15$ High: $15 \le X < 25$