Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 191

Country: Fiji

Part 1: Recent climate

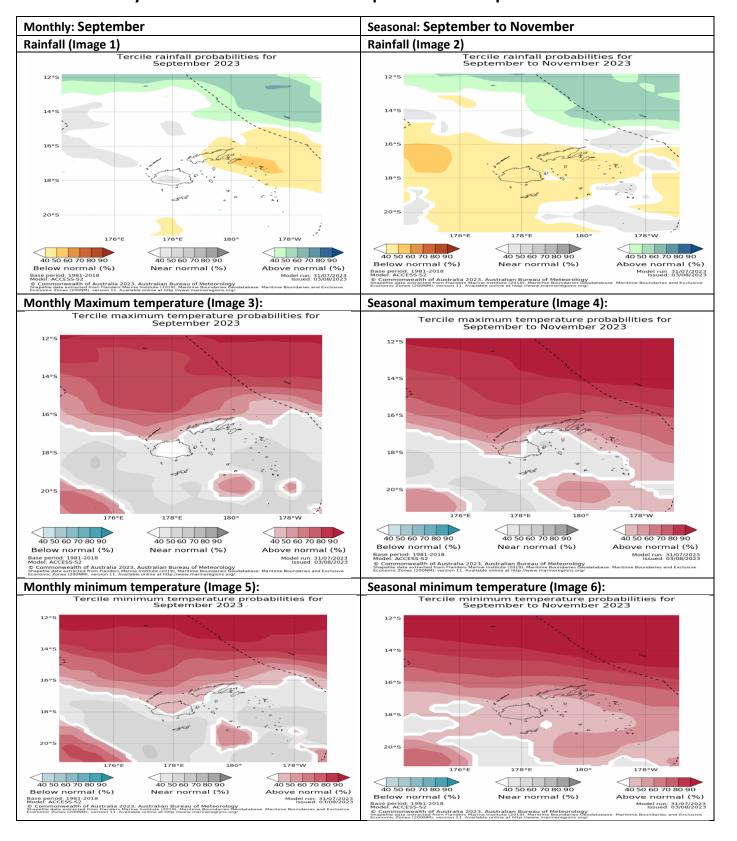
TABLE 1: Monthly Rainfall

Station (include data period)	May-2023	Jun-2023	Jul-2023						
			Total (mm)	33%tile	67%tile	Median	Rank		
	Total (mm)	Total (mm)	Rainfall (mm)						
Western Division									
Penang Mill (1910-2023)	171.8	164.2	76.8	23.7	54.8	35.8	88/114		
Lautoka Mill (1900-2023)	99.3	38.1	52.0	14.1	54.8	32.8	73/123		
Nadi Airport (1942-2023)	136.9	86.7	49.6	14.4	61.0	32.7	51/82		
	Central Division								
Laucala Bay (Suva) (1942-2023)	197.7	314.5	234.3	89.0	157.8	120.7	70/82		
Nausori Airport (1957-2023)	246.9	248.4	184.8	94.0	134.2	118.4	54/67		
Tokotoko (Navua) (1945-2023)	150.5	203.2	272.5	138.1	209.0	170.9	64/78		
Eastern Division									
Lakeba (1950-2023)	63.7	147.9	77.8	47.7	80.1	57.6	47/72		
Vunisea (Kadavu) (1931-2023)	85.4	119.5	85.4	83.8	129.3	97.0	35/86		
Ono-i-Lau (1943-2023)	73.0	92.0	58.0	59.4	104.1	74.7	26/76		
Northern Division									
Labasa Airport (1946-2023)	164.8	103.9	27.2	23.1	46.1	33.3	27/68		
Savusavu Airfield (1956-2023)	193.8	153.8	108.6	54.5	106.9	83.2	46/67		
Udu Point (1946-2023)		154.5	67.0	62.3	101.0	81.1	28/74		
Rotuma (1912-2023)	261.2	330.4	517.9	162.0	265.2	217.2	107/108		

TABLE 2: Three-month Total Rainfall for May to July 2023

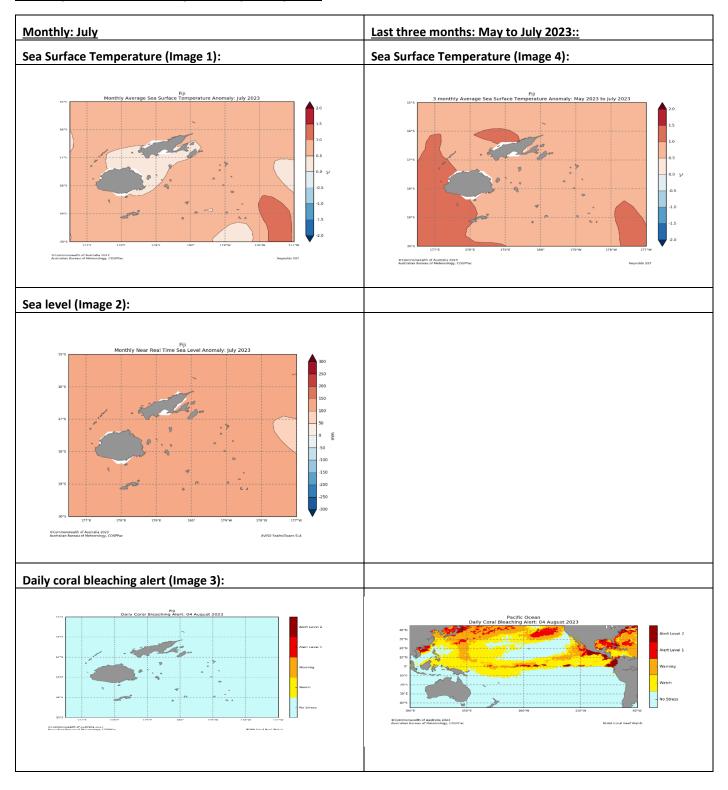
Station	Three-month Total		33%tile	67%tile	Median	Rank			
Western Division									
Penang Mill (1910-2023)	412.8	Above normal	171.0	303.1	254.8	99/114			
Lautoka Mill (1900-2023)	189.4	Normal	138.6	219.0	175.9	60/123			
Nadi Airport (1942-2023)	273.2	Above normal	140.5	238.7	174.2	62/81			
Central Division									
Laucala Bay (Suva) (1942-2023)	746.5	Above normal	444.1	614.5	509.5	68/82			
Nausori Airport (1957-2023)	680.1	Above normal	430.4	580.1	500.6	54/67			
Tokotoko (Navua) (1945-2023)	626.2	Normal	551.8	742.9	642.0	36/78			
	•	Eastern Division	1						
Lakeba (1950-2023)	289.4	Normal	247.0	363.6	317.6	32/71			
Vunisea (Kadavu) (1931-2023)	290.3	Below normal	339.8	450.4	391.7	24/85			
Ono-i-Lau (1943-2023)	223.0	Below normal	236.9	370.5	312.7	24/72			
	•	Northern Divisio	n						
Labasa Airport (1947-2023)	295.9	Above normal	166.1	262.5	203.5	51/67			
Savusavu Airfield (1957-2023)	456.2	Above normal	299.5	440.3	364.6	43/63			
Udu Point (1946-2023)			307.8	481.7	379.8				
Rotuma (1912-2023)	1109.5	Above normal	689.8	887.8	795.5	100/107			

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2023

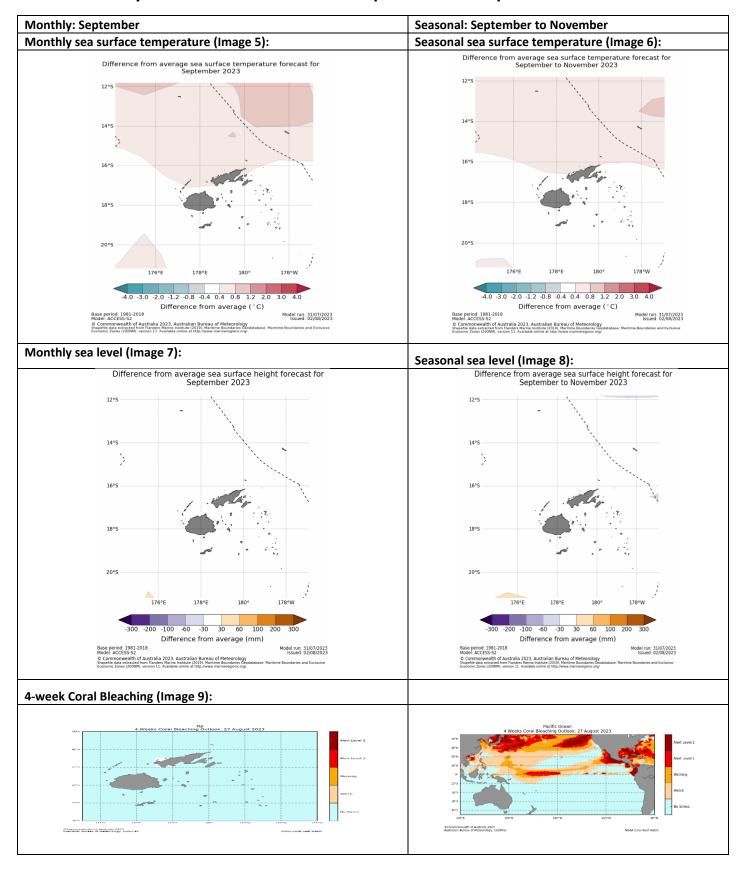


Part 2: Recent Ocean Observation

Monthly/Three months: July and May to July 2023



Part 2i. Monthly and Seasonal Outlooks for September and September to November 2023



Summary Statement

Monthly and last three months: July 2023/May to July 2023 statement

For July 2023, above normal rainfall was recorded across Central Division, at Penang Mill, Savusavu Airfield and Rotuma, near-normal rainfall was recorded at Lautoka Mill, Nadi Airport, Lakeba, Vunisea and Udu Point, while below normal rainfall was registered at Ono-i-Lau. Rotuma recorded its second wettest July in 108 years of record.

For May to July 2023, above normal rainfall was recorded at Penang Mill, Nadi Airport, Laucala Bay (Suva), Nausori Airport, Labasa Airport, Savusavu Airfield and Rotuma, near-normal rainfall was recorded at Lautoka Mill, Tokotoko (Navua) and Lakeba, while below normal rainfall was registered at Vunisea and Ono-i-Lau. Rotuma recorded its eighth wettest May to July period in 108 years of record.

Part 1i. Monthly and Seasonal Outlooks for September and September to November 2023

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for September is likely to be *below normal* for most of Vanua Levu, Taveuni, and Qamea Islands, plus parts of the northern Lau Group, while *above normal* is likely for Rotuma. In remaining parts of the country, the outlook offers little guidance.

The rainfall for September to November is likely to be *below normal* for Viti Levu, Vanua Levu, Viwa, the Yasawa and Mamanuca, Lomaiviti, and Moala Groups, Taveuni and parts of the northern Lau Group. Near-normal rainfall is likely for parts of the southern Lau Group, while *above normal* rainfall is likely for Rotuma. In remaining parts of the country, the outlook offers little guidance.

Both maximum and minimum temperatures for Fiji for September and averaged over September to November 2023 are very likely to be *near-normal*, except for some parts of Viti Levu, Vanua Levu and southern Lau Group where *above normal* temperatures are likely.

Part 2: Recent Ocean summary statement

Monthly and last three months: July 2023/May to July 2023

July ocean temperatures around Fiji were 0.5 to 1.0°C above normal.

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

July sea levels around Fiji were 100mm to 150mm above normal.

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

Part 2i. Monthly and Seasonal Outlooks for September and September to November 2023

Ocean Variable statement

September and averaged over September and November, ocean temperatures around Fiji are predicted to be 0.4 to 0.8°C above normal for northern parts of Yasawa Group, Vanua Levu and Rotuma. The remaining parts of Fiji are predicted to experience near normal ocean temperatures.

The monthly and seasonal sea surface heights are likely to be near normal across the Fiji Group.

Coral bleaching outlook for the next four weeks is at 'No Stress' for most of the Fiji waters.

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

Product	Date: July 2023	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Fiji Climate Summary	7/07/2023	General Public	140	106	34	
EAR Watch	11/07/2023	Humanitarian partners	122	96	26	
Fiji Climate Outlook	31/07/2023	General public	124	93	31	
Climate Outlook for Monasavu	28/07/2023	Energy Fiji Limited	13	13	-	
Fiji Ocean Outlook	19/07/2023	A number of key ocean related stakeholders	36	29	7	
Fiji Sugarcane Rainfall Outlook	31/07/2023	Sugar Industry stakeholders	77	60	17	
Meteorological Data Request	1/07/2023- 31/07/2023	A range of stakeholders	35	31	4	
Total			547	428	119	