

Country: Fiji

TABLE 1: Monthly Rainfall

Station (include data period)	Jun-2018	Jul-2018	Aug-2018				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Western Division							
Penang Mill (1910-2018)	45.5	7.5	5.7	39.0	76.4	53.2	5/109
Lautoka Mill (1900-2018)	59.3	1.9	0.0	23.4	80.6	43.7	1/119
Nadi Airport (1942-2018)	53.3	0.5	5.5	26.7	69.4	49.8	11/77
Viwa (1978 -2018)	90.1	10.0	14.7	31.3	79.7	59.7	3/37
Central Division							
Laucala Bay (Suva) (1942-2018)	116.9	125.5	13.2	93.2	149.3	129.9	1/77
Nausori Airport (1957-2018)	190.1	98.6	34.4	90.8	168.9	119.3	3/62
Tokotoko (Navua) (1945-2018)	174.8	240.6	47.6	139.3	209.6	180.7	2/73
Eastern Division							
Lakeba (1950-2018)	64.6	13.6	6.9	53.9	104.5	73.4	2/69
Vunisea (Kadavu) (1931-2018)	138.2	53.8	35.6	58.5	125.7	88.0	8/82
Ono-i-Lau (1943-2018)			41.5	55.1	106.3	82.2	15/71
Northern Division							
Labasa Airport (1946-2018)	16.1	4.5	0.0	13.9	64.0	49.4	1/62
Savusavu Airfield (1956-2018)	183.2	37.7	12.4	61.3	106.5	83.8	3/63
Rotuma (1912-2018)	150.5	172.0	102.1	153.5	257.8	198.9	15/103

TABLE 2: Three-month Rainfall for June to August 2018

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 March-April 2018				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Western Division											
Penang Mill (1910-2018)	58.7	Below normal	159.0	226.0	185.0	3/109	24	40	36	2	Near-consistent
Lautoka Mill (1900-2018)	61.2	Below normal	118.0	224.0	169.0	16/119	27	35	38	2	Inconsistent
Nadi Airport (1942-2018)	59.3	Below normal	116.0	208.0	162.0	9/77	24	37	39	4	Inconsistent
Viwa (1978 -2018)	114.8	Normal	114.0	220.0	169.0	10/37	15	52	33	3	Consistent
Central Division											
Laucala Bay (Suva) (1942-2018)	255.6	Below normal	366.0	508.0	436.0	10/77	28	33	39	1	Inconsistent
Nausori Airport (1957-2018)	323.1	Below normal	339.0	499.0	425.0	18/62	21	38	41	5	Inconsistent
Tokotoko (Navua) (1945-2018)	463.0	Below normal	500.0	668.0	578.0	21/71	27	30	43	5	Inconsistent
Eastern Division											
Lakeba (1950-2018)	85.1	Below normal	189.0	304.0	270.0	4/67	25	31	44	6	Inconsistent
Vunisea (Kadavu) (1931-2018)	227.6	Below normal	255.0	398.0	316.0	24/80	27	37	36	1	Near-consistent
Ono-i-Lau (1943-2018)			250.0	344.0	288.0		29	34	37	1	
Northern Division											
Labasa Airport (1947-2018)	20.6	Below normal	114.0	181.0	146.0	1/61	26	38	36	1	Near-consistent
Savusavu Airfield (1957-2018)	233.3	Normal	230.0	374.0	307.0	23/60	21	37	42	6	Near-consistent
Rotuma (1912-2018)	424.6	Below normal	596.0	787.0	706.0	10/102	40	30	30	2	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for October to December 2018**Predictor and Period used: NINO3.4 for July to August 2018**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Western Division						
Penang Mill (1910-2018)	59	461.0	41		15	69
Lautoka Mill (1900-2018)	62	356.4	38		23	74
Nadi Airport (1942-2018)	63	378.8	37		23	71
Viwa (1978 -2018)	57	317.4	43		17	71
Central Division						
Laucala Bay (Suva) (1942-2018)	55	714.5	45		5	60
Nausori Airport (1957-2018)	55	684.8	45		7	57
Tokotoko (Navua) (1945-2018)	58	878.6	42		12	64
Eastern Division						
Lakeba (1950-2018)	58	420.1	42		12	69
Vunisea (Kadavu) (1931-2018)	59	421.6	41		16	68
Ono-i-Lau (1943-2018)	65	347.6	35		26	77
Northern Division						
Labasa Airport (1946-2018)	59	483.8	41		22	70
Savusavu Airfield (1956-2018)	61	514.7	39		23	72
Rotuma (1912-2018)	55	943.1	45		5	56

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Western Division							
Penang Mill (1910-2018)	39	347.0	34	568.6	27	15	49
Lautoka Mill (1900-2018)	41	276.1	38	446.4	21	23	49
Nadi Airport (1942-2018)	41	325.7	37	482.6	22	22	50
Viwa (1978 -2018)	37	252.4	38	366.8	25	25	57
Central Division							
Laucala Bay (Suva) (1942-2018)	38	539.6	33	837.2	29	5	44
Nausori Airport (1957-2018)	37	564.3	35	866.6	28	6	43
Tokotoko (Navua) (1945-2018)	38	760.7	35	1036.3	27	8	48
Eastern Division							
Lakeba (1950-2018)	39	334.7	33	535.6	28	10	39
Vunisea (Kadavu) (1931-2018)	40	313.3	38	506.2	22	12	54
Ono-i-Lau (1943-2018)	43	230.0	34	417.0	23	22	59
Northern Division							
Labasa Airport (1946-2018)	38	361.4	41	611.6	21	22	53
Savusavu Airfield (1956-2018)	38	420.8	34	617.7	28	14	40
Rotuma (1912-2018)	36	822.5	32	1057.0	32	1	29

TABLE 4: Seasonal Climate Outlooks using POAMA2 for October to December 2018

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Lakeba	27	307.0	21	419.0	52
Nabouwalu	21	344.0	24	648.0	55
Nadi	33	305.0	18	410.0	49
Udu Point	21	437.0	12	605.0	67
Vunisea	33	314.0	18	519.0	49
Suva	33	505.0	18	763.0	49
Rotuma	22	828.0	39	1026.0	39

Summary Statements

Rainfall for August 2018:

Below normal rainfall were recorded over the Western, Northern and Eastern, and Central Division. Rotuma also recorded *below normal* rainfall.

Lautoka, Suva, Labasa recorded its lowest August monthly rainfall, Navua and Lakeba its second lowest August monthly rainfall, and Viwa and Savusavu its third lowest August monthly rainfall.

Accumulated rainfall for June to August 2018, including outlook verification:

Below normal rainfall was recorded throughout the country, with the exception of Viwa and Savusavu where the June to August total was *normal*.

Labasa recorded its lowest June to August total rainfall in its 61 years of recorded, while Penang recorded its third-lowest June to August total in its 109 years of record.

The rainfall outlooks were 'Consistent' at 2 sites, 'Near- Consistent' at 4 sites, 'Inconsistent' at 6 sites, while Ono-i-Lau could not be verified due to missing readings.

Outlooks for October to December 2018:

1. SCOPIC:

- At Penang, Nadi and Ono-i-Lau, the outlook shows *below normal* as the most likely outcome, with normal the next most likely.
- At Lautoka, Viwa, Navua, Vunisea and Labasa, the outlook shows a *near-equal likelihood* of *below-normal* and *normal*.
- For remaining locations, the outlook offers little guidance as the chances of *above normal*, *normal* and *below normal* are similar.

2. **POAMA:** The outlook favours *above normal* throughout the country except at Rotuma where *above normal* and *normal* are equally likely.

Stakeholder Engagement- Evaluations of how effective we engage with stakeholders

Country	Date	Stakeholder	Total Number of Participants	Number of male	Number of female
Fiji (Suva)	27/8-31/8/18	SRIF FSC WAF EFL FMS Marist Brothers Agriculture	27	16	11
Fiji (Nadi)	20/8-24/8/18	SRIF FSC WAF EFL NDMO Agriculture	28	23	5