

Country Name: Fiji

TABLE 1: Monthly Rainfall

Station (include data period)			NOVEMBER 2015				
	SEPTEMBER 2015 Total	OCTOBER 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Western Division							
Penang Mill (1910-2015)	81.2	34.7	27.7	91.0	188.5	126.1	15/104
Lautoka Mill (1900-2015)	43.4	18.5	2.4	63.8	141.5	101.9	1/116
Nadi Airport (1942-2015)	63.0	24.5	28.4	89.8	149.6	122.6	8/73
Yasawa-i-rara (1950-2015)	34.5	34.6	u/s	58.2	159.5	112.7	8/63
Central Division							
Laucala Bay (Suva) (1942-2015)	127.9	98.3	45.6	155.3	255.7	205.6	3/74
Nausori Airport (1957-2015)	172.8	122.9	74.4	191.4	298.7	232.5	6/60
Tokotoko (Navua) (1945-2015)	188.7	128.8	193.8	227.1	348.0	279.0	22/70
Eastern Division							
Lakeba (1950-2015)	52.9	12.5	48.4	74.0	176.9	114.8	11/67
Vunisea (Kadavu) (1931-2015)	M	128.5	26.1	82.4	156.9	108.9	7/80
Ono-i-lau (1943-2015)	110.8	9.0	25.8	53.8	126.5	93.1	14/70
Northern Division							
Labasa Airport (1956-2015)	27.8	69.2	72.2	119.1	209.9	154.1	10/57
Nabouwalu (1918-2015)	M	M	M	125.4	234.5	174.0	M
Rotuma (1912-2015)	108.6	156.4	252.7	250.1	347.7	295.3	38/102

Period: *below normal/normal/above normal

M – Missing

u/s - unserviceable

**TABLE 2: Three-monthly Rainfall
September to November 2015
Predictors and Period used: NIÑO 3.4 (May to July 2015)**

Station	Three-month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecast probs.* (include LEPS)	Verification* (Consistent, Near-consistent or Inconsistent)
<i>Western Division</i>							
Penang Mill (1910-2015)	143.6	245.2	362.9	293.7	15/103	66:30:4 (15.7)	Consistent
Lautoka Mill (1900-2015)	64.3	184.5	324.8	264.7	6/116	67:29:4 (17)	Consistent
Nadi Airport (1942-2015)	115.9	239.7	343.5	296.8	5/73	85:14:1 (28.3)	Consistent
Yasawa-i-rara (1950-2015)	M	195.8	352.2	268.7	M	56:41:3 (12.6)	-
<i>Central Division</i>							
Laucala Bay (Suva) (1942-2015)	271.8	461.9	754.6	626.9	5/74	73:18:9 (8.1)	Consistent
Nausori Airport (1957-2015)	370.1	438.0	713.6	597.3	10/59	64:28:8 (9.7)	Consistent
Tokotoko (Navua) (1945-2015)	511.3	648.5	936.8	779.1	8/70	74:24:2 (22.6)	Consistent
<i>Eastern Division</i>							
Lakeba, Lau (1950-2015)	113.8	289.7	399.2	331.2	3/67	71:21:8 (11.3)	Consistent
Vunisea (Kadavu) (1931-2015)	M	310.2	440.4	388.2	-	78:15:7 (14.8)	-
Ono-i-lau (1943-2015)	145.6	207.9	358.9	293.1	11/68	75:20:5 (13.5)	Consistent
<i>Northern Division</i>							
Labasa Airport (1956-2015)	169.2	263.0	386.8	311.7	5/56	69:28:3 (17.4)	Consistent
Nabouwalu (1918-2015)	M	352.3	541.0	424.0	-	88:9:3 (22.2)	-
Rotuma (1912-2015)	517.7	724.7	936.6	845.5	3/100	35:15:50 (-1.1)	Inconsistent

* Forecast is consistent when observed and predicted (tercile with the highest probability) categories coincide (are in the same tercile).

Forecast is near-consistent when observed and predicted (tercile with the highest probability) differ by only one category (i.e. terciles 1 and 2 or terciles 2 and 3).

Forecast is inconsistent when observed and predicted (tercile with the highest probability) differ by two categories (i.e. terciles 1 and 3).

M - Missing

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for
January to March 2016 – Tercile Method**

Predictors and Period used: NINO 3.4 (September _November 2015)

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS (%)	Hit-rate (%)
<i>Western Division</i>							
Penang Mill (1910-2015)	93	927.8	6	1188	1	29.5	58.5
Lautoka Mill (1900-2015)	92	788.6	7	1064.3	1	24.3	50.8
Nadi Airport (1942-2015)	83	805.2	15	1089.8	2	21.4	50.8
Yasawa-i-rara (1950-2015)	96	632.4	4	901.7	1	28.6	50.0
<i>Central Division</i>							
Laucala Bay (Suva) (1942-2015)	43	847.4	35	1096.3	22	-0.9	44.6
Nausori Airport (1957-2015)	43	883.8	22	1078.5	35	-1.8	30.5
Tokotoko (Navua) (1945- 2015)	35	926.2	19	1246.4	46	-1.2	35.4
<i>Eastern Division</i>							
Lakeba (1950-2015)	71	653.8	28	882.0	2	17.9	50.0
Vunisea (Kadavu) (1931- 2015)	53	621.2	22	834.7	25	-0.5	32.8
Ono-i-lau (1943-2015)	47	495.0	33	684	20	0.4	38.3
<i>Northern Division</i>							
Labasa Airport (1956- 2015)	88	979.4	6	1299.6	6	14.1	49.2
Nabouwalu (1918-2015)	91	828.6	6	1061.6	3	17.9	49.2
Rotuma (1912 -2015)	83	926.8	14	1161.8	3	15.3	47.7

Seasonal Climate Outlook:

January to March 2016 - Median Table:

Predictors and Period used: NINO 3.4 (August to October 2015)

Station	Below Median (prob)	Median rainfall (mm)	Above Median (prob)	LEPS	Hit-rate
<i>Western Division</i>					
Penang Mill (1910-2015)	93	1068.6	7	20.4	73.8
Lautoka Mill (1900-2015)	92	945.6	8	18.5	69.2
Nadi Airport (1942-2015)	96	923.4	4	24.8	72.3
Yasawa-i-rara (1950-2015)	96	742.2	4	24.8	80.6
<i>Central Division⁵⁹</i>					
Laucala Bay (Suva) (1942-2015)	63	1012.4	37	-0.5	49.2
Nausori Airport(1957-2015)	50	956.3	50	-1.7	23.7
Tokotoko (Navua) (1945-2015)	36	1086.6	64	0.2	61.5
<i>Eastern Division</i>					
Lakeba (1950-2015)	84	763.4	16	8.9	65.6
Vunisea (Kadavu) (1931-2015)	72	743.9	28	2.5	62.5
Ono-i-lau (1943-2015)	68	609.2	32	0.5	56.7
<i>Northern Division</i>					
Labasa Airport (1956-2015)	88	1124.9	12	11.8	66.1
Nabouwalu (1918-2015)	86	944.0	14	10.2	66.2
Rotuma (1912 -2015)	95	1049.3	5	22.7	69.2

