Country Name: Fiji
TABLE 1: Monthly Rainfall

Station (include data period)	March 2018 Total	April 2018 Total	May 2018				
			Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Western Division							
Penang Mill (1910-2017)	486.9	592.7	**59.2**	65.4	164.9	101	31/109
Lautoka Mill (1900-2017)	495.8	381.9	**83.5**	45.3	115.5	76	62/119
Nadi Airport (1942-2017)	412.5	344.4	**109.5**	42.6	99.5	73	53/76
Viwa (1978 -2017)	572.4	271.9	**141.8**	46.1	120.0	86	27/36
Central Division							
Laucala Bay (Suva) (1942-2017)	316.8	341.0	**485.4**	172.6	259.4	198	72/77
Nausori Airport (1957-2017)	346.5	340.6	**261.7**	160.8	248.9	197	43/62
Tokotoko (Navua) (1945-2017)	276.4	394.2	**312.5**	186.6	346.8	258	47/74
Eastern Division							
Lakeba (1950-2017)	341.7	307.4	**129.8**	82.4	174.4	108	41/68
Vunisea (Kadavu) (1931-2017)	263.8	515.5	**291.0**	102.4	209.1	139	70/82
Ono-i-Lau (1943-2017)	-	294.0	**178.5**	60.7	143.7	84	54/71
Northern Division							
Labasa Airport (1946-2017)	382.7	617.7	**44.8**	58.8	119.4	85	18/63
Savusavu Airfield (1956-2017)	281.1	260.3	**48.5**	118.8	200.8	156	8/61
Rotuma (1912-2017)	270.0	347.9	**56.2**	225.7	339.740	279	4/105

Period: *below normal/normal/above normal

M - Missing

TABLE 2: Three-monthly Rainfall
March to May 2018

Predictors and Period used: NINO3.4 SST Anomalies: December 2017 to January 2018

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)
Western Division							
Penang Mill (1910-2017)	**1138.8**	595.5	872.5	692.7	94/107	16:40:**44**(9.3)	Consistent
Lautoka Mill (1900-2017)	**961.2**	479.2	680.6	571.6	109/118	18:41:**42**(7.4)	Consistent
Nadi Airport (1942-2017)	**866.4**	646.2	788.0	566.3	65/75	16:38:**46**(10.0)	Consistent
Viwa (1978 -2017)	**986.1**	462.8	666.9	563.1	36/36	8:33:**60**(30.5)	Consistent
Central Division							
Laucala Bay (Suva) (1942-2017)	**1143.2**	814.8	1038.4	909.5	58/76	29:33:**38**(0.5)	Consistent
Nausori Airport (1957-2017)	**948.8**	802.9	1023.5	899.6	38/62	29:34:**37**(-1.3)	Near-Consistent
Tokotoko (Navua) (1945-2017)	**983.1**	936.8	1163.8	1029.9	30/73	27:**39**:34(0.1)	Consistent
Eastern Division							
Lakeba, Lau (1950-2017)	**778.9**	640.5	719.6	625.5	55/66	22:**39**:**39**(4.7)	Near-consistent
Vunisea (Kadavu) (1931-2017)	**1070.3**	609.1	761.1	697.4	77/81	19:39:**42**(8.5)	Consistent
Ono-i-lau (1943-2017)	**–**	432.8	643.3	513.2	-	26:33:**40**(2.5)	Unverified
Northern Division							
Labasa Airport (1956-2017)	**1045.2**	561.3	843.7	691.3	55/62	28:34:**38**(0.5)	Consistent
Savusavu Airfield (1956-2017)	**589.9**	566.3	749.0	663.8	23/60	22:37:**42**(5.8)	Near-consistent
Rotuma (1912-2017)	**674.1**	814.9	1041.0	957.0	20/104	34:**33**:33(-1.6)	Near-consistent

Period:*below normal/normal/above normal

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[*]Forecast is <u>consistent</u> when observed and predicted (tercile with the highest probability) categories coincide (are in the same tercile).

Forecast is <u>near-consistent</u> 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 <u>inconsistent</u> 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 July to September 2018- Tercile Method

Predictors and Period used: NINO3.4 SST Anomalies: April to May 2018

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS (%)	Hit-rate (%)
Western Division							
Penang Mill (1910-2017)	32	146.5	33	232.4	**35**	3.7	40.3
Lautoka Mill (1900-2017)	29	123.1	**36**	219.0	35	4.4	30.9
Nadi Airport (1942-2017)	29	128.9	**36**	212.0	35	4.3	29.4
Viwa (1978 -2017)	26	110.1	**40**	257.4	34	0.6	28.6
Central Division							
Laucala Bay (Suva) (1942-2017)	30	383.9	**35**	560.6	**35**	3.7	36.8
Nausori Airport (1957-2017)	33	367.9	32	530.7	**35**	0.2	34.4
Tokotoko (Navua) (1945-2017)	31	532.1	34	683.3	**35**	5.3	44.6
Eastern Division							
Lakeba (1950-2017)	33	99.6	33	315.8	**34**	0.4	28.8
Vunisea (Kadavu) (1931-2017)	33	272.9	33	381.7	**34**	-0.5	19.7
Ono-i-Lau (1943-2017)	31	251.9	34	334.5	**35**	0.4	25.4
Northern Division							
Labasa Airport (1956-2017)	32	109.0	32	192.4	**36**	2.1	25.0
Savusavu Airfield (1956-2017)	28	240.6	**36**	345.3	**36**	2.9	43.3
Rotuma (1912 -2017)	**34**	577.9	**34**	787.7	32	-0.9	36.9

Seasonal Climate Outlook:

July to September 2018 - Median Table:

Predictors and Period used: NINO3.4 SST Anomalies: April to May 2018

Station	Below Median (prob)	Median rainfall (mm)	Above Median (prob)	LEPS (%)	Hit-rate (%)
Western Division					
Penang Mill (1910-2017)	48	194.9	**52**	1.5	53.7
Lautoka Mill (1900-2017)	49	170.8	**51**	0.5	52.9
Nadi Airport (1942-2017)	48	174.6	**52**	2.5	52.9
Viwa (1978 -2017)	45	146.2	**55**	2.8	60.0
Central Division					
Laucala Bay (Suva) (1942-2017)	48	461.2	**52**	2.8	52.9
Nausori Airport (1957-2017)	49	437.6	**51**	-0.8	45.9
Tokotoko (Navua) (1945-2017)	47	613.6	**53**	9.8	55.4
Eastern Division					
Lakeba (1950-2017)	49	236.8	**51**	-0.2	53.0
Vunisea (Kadavu) (1931-2017)	49	324.2	**51**	1.6	54.5
Ono-i-Lau (1943-2017)	49	291.9	**51**	-1.1	50.8
Northern Division					
Labasa Airport (1956-2017)	47	154.2	**53**	2.2	53.3
Savusavu Airfield (1956-2017)	46	307.6	**54**	5.0	61.7
Rotuma (1912 -2017)	**51**	657	49	-0.6	50.8

TABLE 4: Seasonal Climate Outlooks using POAMA2 for July to September 2018

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)
Nadi	**42**	142	22	198	36
Nabouwalu	33	183	9	297	**58**
Udu Point	21	151	17	295	**62**
Vunisea	**42**	298	22	413	36
Lakeba	**34**	174	33	303	33
Suva	**42**	369	22	602	36
Rotuma	18	573	21	784	**61**

Summary Statements

Rainfall for May 2018:

Above normal rainfall were recorded in parts of the Western, Central and Eastern Division, *Below normal* was recorded in the Northern Division, Rotuma and Penang in the Central Division to *above normal* rainfall was recorded across the country.

Accumulated rainfall for March to May 2018, including outlook verification:
Below normal to *above normal* rainfall was recorded throughout the country.

Viwa recorded its highest ever March to May rainfall.

The rainfall outlooks were 'Consistent' at 8 sites, 'Near- Consistent' at 4 sites, while Ono-i-Lau could not be verified due to missing readings.

Outlooks for July to September 2018:
1. **SCOPIC:**
   - **Western Divisions**: Generally, the outlook favours *normal* as the most likely outcome with *above normal* the next most likely.
- **Central, Eastern, Northern Division & Rotuma:** The outlook offers little guidance, as the chances of *above normal, normal* and *below normal are similar. Very Low* to *Moderate confidence*

2. **POAMA:** the outlook favours *below normal* in the Western, Eastern & Central Divisions, while *above normal* is favoured in the Northern Division and Rotuma.

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

Very Low: X < 0.0   Low: 0 ≤ X < 5   Moderate 5 ≤ X < 10   Good: 10 ≤ X < 15   High: 15≤ X < 25

Very High: 25 ≤X < 35   Exceptional: X ≥ 35