

Country Name: Vanuatu**TABLE 1: Monthly Rainfall**

Station (include data period)	December 2015						
	October 2015 Total	November 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Northern Region							
Sola	33.3	129.5	280.3	217.2	446.6	352.5	19/46
Pekoa	13.7	87.2	181.9	148.8	216.8	179.2	25/45
Lamap	12.0	61.0	232.9	99.3	172.4	122.4	46/53
Southern Region							
Bauerfield	27.7	63.7	190.1	115.9	205.1	164.5	26/43
Port Vila	10.6	73.1	228.3	112.8	212.2	171.6	45/63
Whitegrass	4.9	35.7	102.2	49.3	97.6	73.9	32/45
Aneityum	95.4	52.3	256.4	115.1	243.1	164.3	47/64

TABLE 2: Three-monthly Rainfall

Station	Three-month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecast probs.* (include LEPS)	Verification* (Consistent, Near-consistent Inconsistent?)
Northern Region							
Sola	442.8	899.1	1350.0	1178.0	6/43	84:03:13 (5.1)	Consistent
Pekoa	282.8	411.8	641.3	526.6	8/45	89:09:02(21.3)	Consistent
Lamap	305.9	343.1	459.8	391.0	14/53	57:34:09(5.1)	Consistent

* 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).

Southern Region							
Bauerfield	281.5	327.0	454.2	447.8	10/43	82:16:02(18.4)	Consistent
Port Vila	312.0	317.5	507.3	428.8	22/63	87:13:00(38.7)	Consistent
Whitegrass	142.8	134.9	22.2	184.3	18/44	96:04:00(30.7)	Near-Consistent
Aneityum	404.1	286.3	569.2	393.4	34/64	72:27:01(22.4)	Near Consistent

October to December 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #96]

Period: *below normal/normal/above normal

Predictors and Period used for October to December 2015 Outlooks (refer to OCOF #96): Nino 3.4SST Anomalies, June – August 2015

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for
February to April 2016**

Predictors and Period used: Nino3.4SST Anomalies, October – December 2015

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Northern Region						
Sola	72	1151.2	28		1.4	59.4
Pekoa	55	855.5	45		-3.1	45.5
Lamap	65	702.1	35		-1.7	50.0
Southern Region						
Bauerfield	70	934.2	30		0.2	54.5
Port Vila	71	860.0	29		0.8	60.6
Whitegrass	69	479.8	31		-0.2	50.0
Aneityum	69	839.9	31		-0.6	54.5

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Northern Region							
Sola	63	1037.8	20	1326.5	17	2.6	37.5
Pekoa	28	749.1	33	960.4	39	-2.9	36.4
Lamap	33	637.4	40	756.2	27	-3.5	28.1
Southern Region							
Bauerfield	56	800.4	36	1000.1	8	3.8	24.2
Port Vila	57	778.5	28	927.2	15	1.1	24.2
Whitegrass	50	407.2	37	583.2	13	1.7	43.8
Aneityum	48	692.4	38	963.2	14	0.8	33.3

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
February to April 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Northern Region							
Sola	79	927	6	1315	15		
Pekoa	82	719	6	976	12		
Lamap	82	609	6	744	12		
Southern Region							
Bauerfield	64	796	21	983	15		
Port Vila	64	773	21	911	15		
Whitegrass	55	427	27	580	18		
Aneityum	52	733	27	979	21		

Summary Statements

Rainfall for December 2015:

Rainfall for the past month was normal for Sola, Pekoa and Bauerfield and above normal for Lamap, Port Vila, Whitegrass and Aneityum.

Accumulated rainfall for October to December 2015, including outlook verification:

Accumulated rainfall for October to December 2015 was below normal for Sola, Pekoa, Lamap, Bauerfield and Port Vila while Whitegrass and Aneityum recorded normal rainfall.

The Outlook was consistent for all stations (Sola, Pekoa, Lamap, Bauerfield and Port Vila) and near consistent for Whitegrass and Aneityum.

Outlooks for February to April 2016:

1. SCOPIC:

Using Nino 3.4 SST Anomalies:

- The outlooks for February to April 2016 favours below normal rainfall for Sola, Bauerfield, Port Vila, Whitegrass and Aneityum with normal being the next most likely.
- Outlook at Lamap favours normal rainfall with below normal being the next most likely.

- The seasonal rainfall outlook for Pekoa for February to April shows the most likely outcome is above normal with normal rainfall being the next most likely. Below normal is the least likely.

2. POAMA:

The POAMA Outlooks for February to April 2016 favours below normal rainfall for all stations (Sola, Pekoa, Lamap, Bauerfield, Port Vila, Whitegrass and Aneityum) with above normal being the next most likely at Sola, Pekoa and Lamap and normal being the next most likely at Bauerfield, Port Vila, Whitegrass and Aneityum.

DROUGHT WATCH:

Using 6month SPI drought method:

In drought: Sola – since April 2015

Pekoa – since October 2015

Lamap – since October 2015

Bauerfield – Since November 2015

Port Vila – Since September 2015

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

Very Low: $X < 0.0$

Low: $0 \leq X < 5$

Moderate $5 \leq X < 10$

Good: $10 \leq X < 15$

High: $15 \leq X < 25$

Very High: $25 \leq X < 35$

Exceptional: $X \geq 35$

