

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 76

Country Name: Vanuatu

### TABLE 1: Monthly Rainfall

Station (include data period)	December 2013						
	October 2013 Total	November 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
<b>Northern Region</b>							
Sola	657.8	479.5	213.5	217.2	488.1	354.3	15/41
Pekoa	143.8	202.0	123.7	147.6	233.2	179.2	14/42
Lamap	101.9	336.5	97.8	97.7	172.4	122.3	18/51
<b>Southern Region</b>							
Bauerfield	123.7	295.8	179.0	106.2	205.1	156.4	24/41
Port Vila	74.5	289.5	127.9	107.1	212.2	165.1	24/61
Whitegrass	85.3	34.9	71.2	47.8	97.6	73.3	21/43
Aneityum	158.6	52.3	418.4	108.0	216.9	155.5	57/62

### TABLE 2: Three-monthly Rainfall October to December 2013

[Please note that the data used in this verification should be sourced from table 3 of OCOF #72]

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?)
<b>Northern Region</b>							
Sola	1350.8	869.3	1272.9	1063.6	18/41	3.3:43.7:53.0(22.5)	Consistent
Pekoa	469.5	400.3	659.9	529.5	28/41	4.5:26.2:69.3(31.1)	Near-consistent
Lamap	536.2	336.6	459.1	371.4	39/51	16.7:16.8:66.5(18.3)	Consistent
<b>Southern Region</b>							
Bauerfield	598.5	339.6	516.5	412.2	31/41	15.5:34.9:49.6(12.6)	Consistent
Port Vila	491.9	302.8	490.3	423.0	41/61	13.4:34.5:52.1(20.4)	Consistent
Whitegrass	191.4	132.0	222.2	175.2	25/42	2.2:24.5:73.3(40.2)	Near-consistent
Aneityum	629.3	286.0	486.0	393.1	48/62	4.0:29.1:66.9(32.4)	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).

Period: \*below normal/normal/above normal

Predictors and Period used for October to December 2013 Outlooks (refer to OCOF #72):  
**SST 1 & 9, Jun – Aug 2013**

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for  
February to April 2014**

**Predictors and Period used: SST 1 & 9, Feb – Apr 2014**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
<b>Northern Region</b>						
Sola	42	1140.1	58		-3.4	43.9
Pekoa	41	855.0	59		-3.8	48.8
Lamap	55	710.6	45		0.2	57.7
<b>Southern Region</b>						
Bauerfield	30	934.2	70		-1.6	48.8
Port Vila	49	860.0	51		5.4	67.2
Whitegrass	27	500.9	73		7.8	73.8
Aneityum	16	846.8	54		-3.3	36.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
<b>Northern Region</b>							
Sola	11	1042.8	33	1329.8	56	4.7	31.0
Pekoa	12	747.8	64	956.2	24	-2.8	39.0
Lamap	40	642.5	30	757.3	30	1.3	40.4
<b>Southern Region</b>							
Bauerfield	20	821.5	26	999.8	54	-1.2	31.7
Port Vila	24	782.0	47	925.8	29	5.1	42.6
Whitegrass	10	427.1	40	591.6	50	10.6	31.0
Aneityum	26	721.0	37	971.5	37	-0.7	33.9

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
February to April 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
<b>Northern Region</b>							
Sola	18	927	58	1315	24		
Pekoa	27	719	55	976	18		
Lamap	27	609	55	744	18		
<b>Southern Region</b>							
Bauerfield	33	796	49	983	18		
Port Vila	33	773	49	911	18		
Aneityum	36	733	52	979	12		

## Summary Statements

### Rainfall for December 2013:

- Rainfall for the past Month (December) was *above normal* for Aneityum, *normal* for Lamap, Bauerfield, Port Vila and Whitegrass, and *below normal* for Pekoa and Sola.

### Accumulated rainfall for October–December 2013, including outlook verification:

- Total Rainfall for the past three months (October to December 2013) was *above normal* for Sola, Lamap, Bauerfield, Port Vila and Aneityum, and *normal* for Pekoa and Whitegrass. Forecast was *Consistent* for Sola, Lamap, Bauerfield, Port Vila and Aneityum, and *near-consistent* for Whitegrass and Pekoa.

### Outlooks for February-April 2014:

#### 1. SCOPIC:

- Northern Region: *Above normal* rainfall is favored for Sola, normal rainfall is favored for Pekoa and below normal rainfall is favoured for Lamap. (Confidence: Very low to low)
- Southern Region: *Above normal* rainfall is favored for Bauerfield and Whitegrass while normal rainfall is favored for Port Vila and Aneityum. (Confidence: very low to moderate)
- Overall *normal to above normal rainfall* is favored for the next three months. (Confidence: Very low to moderate)

#### 2. POAMA:

- *Normal* rainfall is favoured for all stations ( Sola, Pekoa, Lamap, Bauerfield, Port Vila and Aneityum) for the next three months (February to April 2014)

**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:  $X \geq 35$