

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 82

Country Name: Vanuatu

### TABLE 1: Monthly Rainfall

Station (include data period)			June 2014				
	April 2014 Total	May 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
<b>Northern Region</b>							
Sola	419.8	168.0	220.1	218.7	433.0	333.7	15/41
Pekoa	148.7	50.9	110.2	100.1	256.5	182.0	18/44
Lamap	149.3	177.7	53.9	79.5	169.7	113.4	7/53
<b>Southern Region</b>							
Bauerfield	164.2	129.5	51.4	115.1	198.6	139.2	5/42
Port Vila	105.5	197.6	54.4	98.6	164.1	130.5	7/62
Whitegrass	22.9	44.3	19.3	55.2	100.4	73.9	4/43
Aneityum	73.8	165.5	96.3	106.8	175.4	146.9	20/63

### 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?)
<b>Northern Region</b>							
Sola	807.9	1061.6	1276.4	1197.6	4/41	24:34:42(8.2)	Inconsistent
Pekoa	309.8	477.2	808.0	656.3	4/44	13:49:38(2.8)	Near-consistent
Lamap	380.9	387.8	608.4	507.0	18/53	22:40:38(7.4)	Near-consistent
<b>Southern Region</b>							
Bauerfield	345.1	482.3	763.6	605.2	8/42	28:30:42(-2.1)	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).

Port Vila	<b>357.5</b>	444.5	639.4	551.7	12/62	20:29: <b>51</b> (7.8)	Inconsistent
Whitegrass	<b>86.5</b>	219.5	329.2	264.2	4/43	29: <b>47</b> :24(15.3)	Near-consistent
Aneityum	<b>335.6</b>	451.6	651.7	573.0	10/62	18:18: <b>64</b> (7.0)	Inconsistent

**April to June 2014**

**[Please note that the data used in this verification should be sourced from table 3 of OCOF #78]**

Period:\*below normal/normal/above normal

**Predictors and Period used for April to June 2014 Outlooks (refer to OCOF #78): SST 1& 9, Dec 2013 – Feb 2014.**

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for  
August to October 2014**

**Predictors and Period used: Nino 3.4 SST Anomalies, May-June 2014.**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
<b>Northern Region</b>						
Sola	66	811.9	34		20.2	70.0
Pekoa	64	342.9	36		13.1	54.8
Lamap	66	258.5	34		12.4	59.4
<b>Southern Region</b>						
Bauerfield	75	273.7	25		25.0	65.6
Port Vila	84	295.1	16		38.5	65.6
Whitegrass	75	147.6	25		24.8	66.7
Aneityum	68	336.0	32		16.5	62.5

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	47	629.3	21	966.3	32	8.5	53.3
Pekoa	48	269.4	37	421.1	15	18.5	54.8
Lamap	52	218.5	23	330.0	25	13.5	40.6
<b>Southern Region</b>							
Bauerfield	54	209.4	34	312.7	12	28.6	62.5
Port Vila	56	220.1	36	333.9	8	32.2	56.3
Whitegrass	61	102.1	21	187.0	18	27.2	50.0
Aneityum	50	280.6	30	387.2	20	14.3	50.0

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
August to October 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
<b>Northern Region</b>							
Sola	37	406	30	605	33		
Pekoa	21	198	55	351	24		
Lamap	21	197	55	282	24		
<b>Southern Region</b>							
Bauerfield	5	176	83	252	12		
Port Vila	5	171	83	256	12		
Aneityum	5	247	90	350	5		

## Summary Statements

### Rainfall for June 2014:

- Rainfall for the past month was *normal* for Sola and Pekoa, while the rest of the stations recorded *below normal* for the month (Lamap, Bauerfield, Port Vila, Whitegrass, Aneityum ).

### Accumulated rainfall for April to June 2014, including outlook verification:

- Rainfall for the past three months was below normal for all stations (Sola, Pekoa, Lamap, Bauerfield, Port Vila, Whitegrass, Aneityum ).
- Confidence was *near- consistent* for Pekoa, Lamap, Whitegrass and *inconsistent* for Sola, Port Vila and Aneityum

### Outlooks for August to October 2014:

#### 1. SCOPIC:

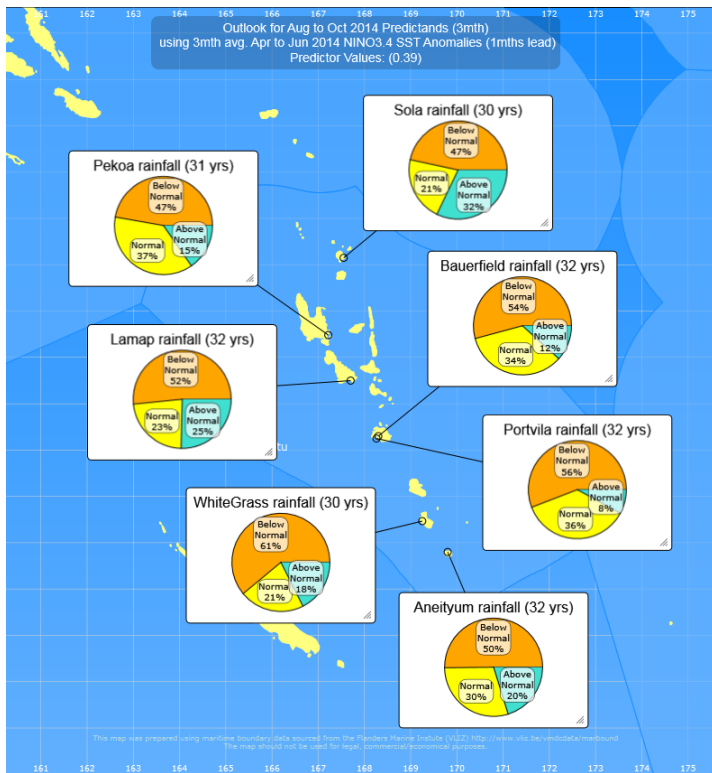
##### Using NINO 3.4

The seasonal rainfall outlook for August to October 2014 show:

- The most likely outcome at Pekoa, Bauerfield, Port Vila, Whitegrass and Aneityum is below normal with normal the next most likely.
- The most likely outcome at Sola and Lamap is below normal with above normal the next most likely.
- Overall below normal is favoured for the coming three months( confidence : Moderate – Very high).

#### 2. POAMA:

- Normal rainfall is favoured for Pekoa, Lamap, Bauerifles , PortVila and Aneityum, the rainfall outlook shows little guidance for Sola for the coming three months.



**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:  $X \geq 35$