

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 83

**Country Name:** Vanuatu

### TABLE 1: Monthly Rainfall

Station (include data period)	July 2014						
	May 2014 Total	June 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Sola	168.0	220.1	263.8	202.6	326.2	265.3	20/41
Pekoa	50.9	110.2	63.8	60.3	125.9	97.6	16/44
Lamap	177.7	53.9	151.3	60.0	120.8	92.3	42/54
<b>Southern Region</b>							
Bauerfield	129.5	51.4	125.4	47.3	92.4	62.4	32/42
Port Vila	197.6	54.4	135.5	52.2	127.3	76.1	44/62
Whitegrass	44.3	19.3	40.2	30.5	59.6	51.9	20/41
Aneityum	165.5	96.3	73.8	84.8	142.9	112.8	17/63

### TABLE 2: Three-monthly Rainfall May to July 2014

[Please note that the data used in this verification should be sourced from table 3 of OCOF #79]

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?)
Sola	651.9	754.0	1198.4	1004.2	8/40	35:32:33(2.3)	Consistent
Pekoa	224.9	390.0	579.4	488.7	6/44	12:49:29(9.6)	Near-consistent
Lamap	382.9	310.6	475.4	404.4	25/53	27:22:51(5.0)	Near-consistent
<b>Southern Region</b>							
Bauerfield	306.3	327.6	532.8	444.1	14/42	21:32:47(3.3)	Inconsistent
Port Vila	387.5	349.1	498.2	408.2	28/62	15:40:45(13.4)	Near-consistent
Whitegrass	103.8	186.2	272.7	244.3	6/42	30:38:32(8.3)	Near-consistent
Aneityum	335.6	358.6	526.2	446.4	16/62	27:39:34(0.9)	Near-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 May to July 2014 Outlooks (refer to OCOF #79): Jan – Mar 2014 , SST 1 & 9

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for  
September to November 2014**

**Predictors and Period used: NINO 3.4, Jun- Aug**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Sola	63	1019.3	37		13.8	61.3
Pekoa	76	434.9	24		41.6	83.9
Lamap	54	326.9	46		0.3	59.4
<b>Southern Region</b>						
Bauerfield	78	306.3	22		44.9	84.4
Port Vila	71	305.5	29		31.1	78.1
Whitegrass	76	138.9	24		32.9	73.3
Aneityum	70	347.0	30		20.8	65.6

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Sola	43	873.6	26	1161.5	31	7.6	41.9
Pekoa	57	298.9	28	520.7	15	36.3	71.0
Lamap	44	274.5	28	408.0	28	11.3	34.4
<b>Southern Region</b>							
Bauerfield	50	236.7	32	419.9	18	34.2	68.8
Port Vila	53	239.7	26	390.2	21	30.9	50.0
Whitegrass	49	115.5	44	225.7	7	33.8	66.7
Aneityum	59	260.7	28	423.8	13	32.2	50.0

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
September to November 2014**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Sola	36	490	39	807	24		
Pekoa	42	232	39	360	18		
Lamap	42	210	39	294	18		
<b>Southern Region</b>							
Bauerfield	39	193	45	285	15		
Port Vila	39	169	45	300	15		
Aneityum	33	196	62	341	5		

### **Summary Statements**

#### **Rainfall for July 2014:**

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

#### **Accumulated rainfall for May to July 2014, including outlook verification:**

- Rainfall for the past three months was *below normal* for all stations (Sola, Pekoa, Bauerfield, Whitegrass, and Aneityum) except Lamap and Port Vila which recorded *normal* rainfall.
- Confidence was *near-consistent* for Pekoa, Lamap, Port Vila, Whitegrass and Aneityum, *consistent* for Sola and *inconsistent* for Bauerfield.
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#### **Outlooks for September to November 2014:**

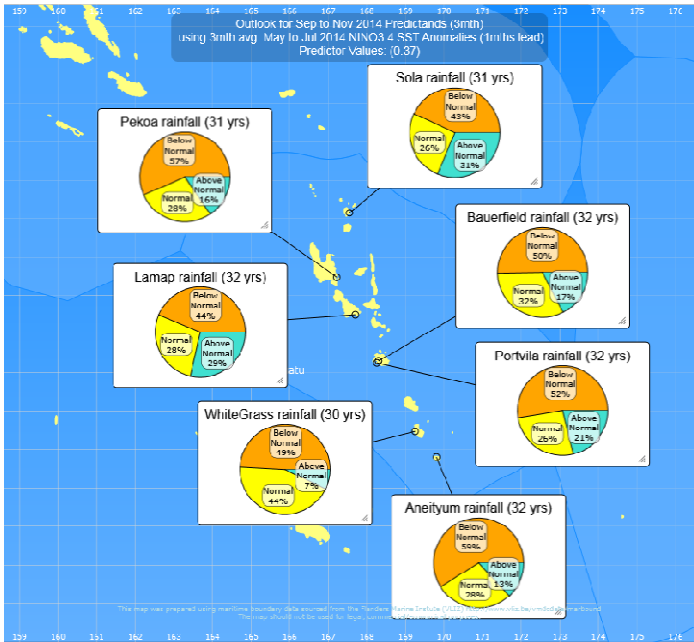
##### **1. SCOPIC: Using Nino 3.4**

The seasonal rainfall outlook for September to November 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 is below normal with above normal the next most likely.
- The most likely outcome at Lamap is below normal with equal chances of normal and above normal the next most likely.
- Overall below normal is favoured for the coming three months (confidence: Moderate – Exceptional).

**2. POAMA:**

- The most likely outcome at Pekoia, and Lamap is below normal with normal the next most likely.
- The most likely outcome at Sola, Bauerfield, Port Vila and Aneityum is normal with below normal the next most likely.
- Overall normal to below normal rainfall is favoured 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:  $X \geq 35$