

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 80

Country Name: Vanuatu

### TABLE 1: Monthly Rainfall

Station (include data period)	April 2014						
	February 2014 Total	March 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
<b>Northern Region</b>							
Sola	296.0	446.5	419.8	331.1	503.6	433.8	19/43
Pekoa	430.5	492.3	148.7	185.9	285.5	242.7	9/44
Lamap	69.8	406.6	149.3	161.5	226.1	189.8	16/54
<b>Southern Region</b>							
Bauerfield	125.8	473.9	164.2	162.5	291.4	194.0	15/42
Port Vila	102.7	339.0	105.5	150.6	270.0	186.5	6/62
Whitegrass	18.8	250.2	22.9	56.5	150.0	104.5	4/43
Aneityum	57.6	230.2	73.8	158.6	282.1	208.6	9/63

### 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	1162.3	1042.8	1329.8	1140.1	22/43	11:33:56(4.7)	Near-consistent
Pekoa	1071.5	747.8	956.2	855.0	36/42	12:64:24(-2.8)	Near-consistent
Lamap	625.7	642.5	757.3	710.6	14/53	40:30:30(1.3)	Consistent
<b>Southern Region</b>							
Bauerfield	763.9	821.5	999.8	934.2	13/42	20:26:54(-1.2)	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>547.2</b>	782.0	925.8	860.0	7/62	24: <b>47</b> :29(5.1)	<b>Near-consistent</b>
Whitegrass	<b>291.9</b>	427.1	591.6	500.9	7/43	10:40: <b>50</b> (10.6)	<b>Inconsistent</b>
Aneityum	<b>361.6</b>	721.0	971.5	846.8	1/63	26: <b>37:37</b> (-0.7)	<b>Near-consistent</b>

**February to April 2014**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #76]

Period:\*below normal/normal/above normal

**Predictors and Period used for February to April 2014 Outlooks (refer to OCOF #76): SST 1 & 9, October – December 2013**

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

**Predictors and Period used: SST 1 & 9, 3 months**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
<b>Northern Region</b>						
Sola	39	823.0	<b>61</b>		5.0	53.8
Pekoa	38	403.7	<b>62</b>		9.2	55.8
Lamap	37	293.2	<b>63</b>		2.9	50.0
<b>Southern Region</b>						
Bauerfield	41	338.2	<b>59</b>		-1.8	46.3
Port Vila	35	324.4	<b>65</b>		4.0	60.7
Whitegrass	<b>56</b>	165.1	44		10.3	68.3
Aneityum	<b>55</b>	393.1	45		0.4	50.0

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	13	601.1	<b>51</b>	1043.2	36	10.1	35.9
Pekoa	5	269.0	<b>61</b>	492.3	34	15.8	44.2
Lamap	27	235.7	34	356.5	<b>39</b>	4.6	40.4
<b>Southern Region</b>							
Bauerfield	17	314.8	37	400.4	<b>46</b>	2.6	29.3
Port Vila	<b>19</b>	261.9	<b>44</b>	417.4	37	2.5	39.3
Whitegrass	29	140.8	27	234.3	<b>44</b>	0.9	34.1
Aneityum	<b>35</b>	316.6	33	457.3	32	2.6	40.3

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
June to August 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	648	77	920	5		
Pekoa	9	278	86	511	5		
Lamap	9	319	86	451	5		
<b>Southern Region</b>							
Bauerfield	5	333	90	513	5		
Port Vila	5	277	90	502	5		
Aneityum	5	336	90	488	5		

## Summary Statements

### Rainfall for April 2014:

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

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

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

### Outlooks for June-August 2014:

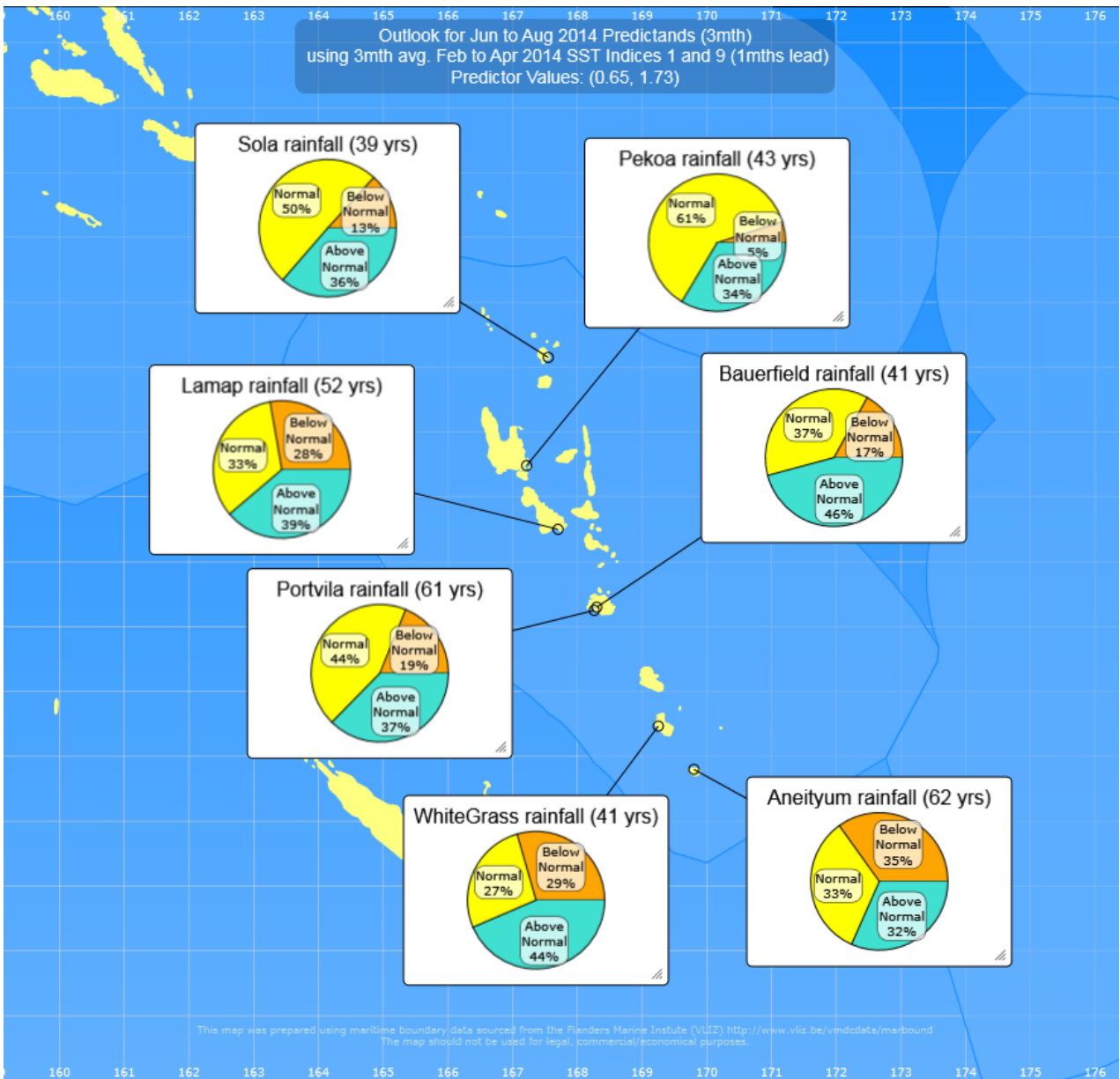
#### 1. SCOPIC:

The seasonal rainfall outlook for June to August 2014 shows:

- The mostly likely outcome at Sola, Pekoa and Port vila is normal with above normal the next most likely;
- The most likely outcome for Lamap and Bauerfield is above normal with normal the next most likely
- The most likely outcome for Whitegrass is above normal with below normal the next most likely.
- There is little guidance for Aneityum as the chances of below normal, normal and above normal are similar.

#### 2. POAMA:

- Normal rainfall is favoured for all stations ( Sola, Pekoa, Lamap, Bauerfield, Port Vila and Aneityum ) for the next three months ( June to August 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:  $X \geq 35$