

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 96

**Country Name: SOLOMON ISLANDS**

### TABLE 1: Monthly Rainfall

Station (include data period)	August 2015						
	June 2015 Total	July 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Auki (1962 – 2015)	174	396	<b>124</b>	152	235	199	9 of 54
Henderson (1975 – 2015)	132	252	<b>28</b>	71	102	85	5 of 41
Honiara (1954 – 2015)	127	219	<b>12</b>	68	106	90	2 of 60
Kirakira (1965 – 2015)	200	903	<b>71</b>	204	341	276	4 of 48
Lata (1975 – 2015)	298	237	<b>237</b>	276	405	323	11 of 41
Munda (1962 – 2015)	343	189	<b>76</b>	202	309	261	2 of 54
Taro (1975 – 2014)	325	344	<b>163</b>	261	319	292	6 of 38

### TABLE 2: Three-monthly Rainfall June to August 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #92]

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?)
Auki (1962 – 2015)	<b>694</b>	553	671	605	37 of 53	<b>41</b> /17/42	Inconsistent
Henderson (1975 – 2015)	<b>708</b>	229	309	248	40 of 40	<b>50</b> /31/19	Inconsistent
Honiara (1954 – 2015)	<b>358</b>	235	329	270	48 of 59	<b>41</b> /23/36	Inconsistent
Kirakira (1965 – 2015)	<b>1175</b>	703	980	882	39 of 48	<b>75</b> /12/13	Inconsistent
Lata (1975 – 2015)	<b>986</b>	859	1204	1018	21 of 41	<b>46</b> /24/30	Inconsistent
Munda (1962 – 2015)	<b>608</b>	760	980	852	8 of 54	21/33/ <b>46</b>	Inconsistent
Taro (1975 – 2014)	<b>832</b>	812	923	879	15 of 37	29/ <b>43</b> /28	Consistent

Period: \***below normal**/normal/**above normal**

Predictors and Period used for June to August 2015 Outlooks (refer to OCOF #92):

**Predictor: April Nino 3.4 extended -1 month**

\* 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).

**TABLE 3: Seasonal Climate Outlooks using SCOPIIC for October to December 2015.**

**Predictors and Period used: 1 month NINO3.4 Extended SST Anomalies August 2015.**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Auki	85	695	15		10.8	60.8
Henderson	77	410	23		4.4	60.0
Honiara	85	442	15		10.9	70.2
Kirakira	83	730	17		8.5	60.9
Lata	71	1088	29		1.5	57.5
Munda	71	763	29		2.7	56.6
Taro	83	700	17		9.6	65.7

Station	Below Normal (prob)	33% ile rainfall (mm)	Normal (prob)	66% ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Auki	85	615	12	770	3	19.2	56.9
Henderson	58	343	40	493	2	14.7	55.0
Honiara	67	381	29	559	4	13.7	49.1
Kirakira	60	666	24	839	16	1.7	30.4
Lata	86	985	6	1207	8	10.2	47.5
Munda	71	716	19	816	10	8.9	43.4
Taro	76	633	17	782	7	11.3	48.6

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for October to December 2015.**

Station	Lower Tercile (prob)	33% ile rainfall (mm)	Middle Tercile (prob)	66% ile rainfall (mm)	Upper Tercile (prob)		
Honiara	91	308	5	516	4		
Kirakira	95	586	5	759	0		
Lata	94	920	5	1184	1		
Munda	91	684	5	816	4		
Taro	49	558	18	689	33		

## **Summary Statements**

### **Rainfall for August 2015:**

Rainfall is below normal in most parts of the country during the month. All the met stations in the eastern, central and western region recorded below normal rainfall.

Lata in the eastern region recorded the highest rainfall total of 237 mm for the month.

### **Accumulated rainfall for June to August 2015, including outlook verification:**

Below normal rainfall was forecasted for most parts of the country except Taro and Munda.

Observed rainfall at Taro in the western region was consistent with its outlook while all the other stations in the region were inconsistent.

Above normal rainfall was recorded at Auki, Henderson, Honiara, Kirakira and Lata, normal rainfall for Taro and below normal for Munda.

### **Outlooks for October to December 2015:**

#### **1. SCOPIC:**

The outlooks for Auki, Henderson, Honiara, Kirakira, Lata, Munda and Taro favour below normal rainfall.

#### **2. POAMA:**

The rainfall outlooks for Honiara, Kirakira, Lata, Munda and Taro favour below normal.

**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:  $X \geq 35$