Pacific Islands - Online Climate Outlook Forum (OCOF) No. 95

Country Name: SOLOMON ISLANDS

TABLE 1: Monthly Rainfall

Station (include data period)			July 2015				
	May 2015 Total	June 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Auki (1962 – 2015)	511	174	396	188	248	213	53 of 54
Henderson (1975 – 2015)	324	132	252	72	106	92	41 of 41
Honiara (1954 – 2015)	322	127	219	65	107	95	58 of 60
Kirakira 1965 – 2015)	543	200	903	243	401	314	49 of 49
Lata (197 5– 2015)	451	298	237	295	392	337	11 of 41
Munda (1962 – 2015)	369	343	189	234	412	295	10 of 54
Taro (1975 – 2014)	292	325	344	277	359	310	23 of 37

TABLE 2: Three-monthly Rainfall
May 2015 to July 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #91]

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)	1081	537	671	611	53 of 53	39/27/34	In Consistent
Henderson (1975 – 2015)	708	250	318	277	40 of 40	40/35/25	In Consistent
Honiara (1954 – 2015)	668	266	335	294	60 of 60	44/26/29	In Consistent
Kirakira 1965 – 2015)	1646	733	940	857	49 of 49	46/36/18	In Consistent
Lata (197 5– 2015)	986	866	1163	984	21 of 41	40/24/36	Near Consistent
Munda (1962 – 2015)	902	712	1000	871	31 of 54	32/33/35	Near Consistent
Taro (1975 – 2014)	962	758	915	849	27 of 36	32/32/36	Consistent

Period:*below normal/normal/above normal

Predictors and Period used for May to July 2015 Outlooks (refer to OCOF #91):

Predictor: December 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 SCOPIC for September to November 2015.

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Auki	80	644	20		10.6	60.8
Henderson						
Honiara	82	362	18		9.1	63.2
Kirakira	74	763	26		3.1	56.8
Lata	79	1060	21		7.3	62.5
Munda	57	716	43		-0.2	50.9
Taro	74	790	26		4.7	57.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Auki	68	591	16	694	16	5.3	25.5
Henderson	69	290	27	387	4	14.1	60.0
Honiara	61	310	24	412	15	3.7	50.9
Kirakira	73	646	12	852	15	5.7	34.9
Lata	62	996	27	1240	11	5.4	47.5
Munda	52	651	27	783	21	0.8	37.7
Taro	58	746	20	843	22	1.2	25.7

TABLE 4: Seasonal Climate Outlooks using POAMA2 for September to November 2015.

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Honiara	27	269	5	407	68		
Kirakira	18	487	33	824	49		
Lata	21	874	21	1223	58		
Munda	5	582	13	745	82		
Taro	52	693	21	810	27		

Summary Statements

Rainfall for July 2015:
Rainfall is above normal for most parts of the country during the month.

Above normal rainfall was observed in the central region: Auki, Henderson and Honiara. For the eastern region Kirakira recorded above normal and Lata below normal rainfall. In the western region, Munda recorded below normal and Taro normal rainfall.

Kirakira recorded the highest rainfall total of 903mm for the month.

Accumulated rainfall for April to June 2015, including outlook verification:
Below normal rainfall was forecasted for most parts of the country.

Observed rainfall at Taro in the western region was consistent with its outlook while Lata in the eastern region and Munda in the western region were near Consistent. Auki, Honiara, Henderson, Kirakira and Taro were in consistent.

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

Outlooks for August to October 2015:
1. SCOPIC:

Rainfall is favoured to be below normal with normal the next most likely for Henderson, Honiara, Munda and Lata. At Taro and Kirakira above normal is the next most likely.

2. POAMA:

The rainfall outlook for Honiara, Lata and Munda is favoured to be above normal. Above normal is most likely at Kirakira. At Taro, below normal rainfall is favoured.

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0	Low: 0 ≤ X < 5	Moderate 5 ≤ X < 10	Good: 10 ≤ X < 15	High: 15≤ X < 25
Very High: 25 ≤X < 35	Exceptional: X ≥ 35			