

Country Name: SOLOMON ISLANDS**TABLE 1: Monthly Rainfall**

Station (include data period)	September 2014						
	July 2014 Total	August 2014 Total	Total (mm)	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Auki (1962 – 2014)	162	222	180	172	240	195	19 of 52
Henderson (1975 – 2014)	44	99	45	52	114	75	11 of 40
Honiara (1954 – 2014)	31	63	20	69	114	80	3 of 59
Kirakira 1965 – 2014)	220	333	133	196	304	227	9 of 46
Lata (1975 – 2014)	291	318	333	313	387	352	18 of 40
Munda (1962 – 2014)	189	227	357	208	264	233	42 of 53
Taro (1975 – 2014)	228	278	275	237	293	258	22 of 38

**TABLE 2: Three-monthly Rainfall
July to September 2014**

Stations	Three- month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecasted probs. * (Include LEPS)	Verification (Consistent, Near-consistent Inconsistent?)
Auki (1962 – 2014)	564	583	710	625	16 of 25	39/28/33(-3.5)	Consistent
Henderson (1975 – 201)	188	226	319	288	9 of 40	13/60/27(-3.9)	Near consistent
Honiara (1954 – 2014)	114	246	331	283	3 of 58	14/62/24(0.0)	Near consistent
Kirakira 1965 – 2014)	686	736	1050	887	15 of 45	45/25/30(-1.2)	Consistent
Lata (1975 – 2014)	942	918	1207	1119	16 of 40	14/57/29(-2.3)	Consistent
Munda (1962 – 2014)	773	762	939	846	20 of 53	24/40/36(-3.3)	Consistent
Taro (1975 – 2014)	781	868	990	916	8 of 36	23/34/43(-3.7)	In - consistent

Predictor: SST 1&9

Period: *below normal/normal/above normal

* 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 for November to January 2015**Predictors and Period used: September SST 1 & 9 – one month**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Auki	32	875	68		21.1	70.0
Henderson	38	577	62		34.2	76.9
Honiara	35	584	65		29.2	73.7
Kirakira	48	802	52		13.4	71.1
Lata	30	1115	70		16.1	74.4
Munda	55	858	44		-1.1	48.1
Taro	49	694	51		5.8	58.8

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	66%ile Rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Auki	18	778	36	966	46	33.9	58.0
Henderson	38	443	23	670	39	29.1	56.4
Honiara	22	512	38	646	40	23.9	59.6
Kirakira	20	705	39	931	41	17.9	48.9
Lata	13	1045	40	1246	47	11.1	46.2
Munda	35	816	25	980	40	0.6	40.4
Taro	26	580	38	780	36	17.1	41.2

TABLE 4: Seasonal Climate Outlooks using POAMA2 for November –January 2015

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)
Honiara	24	308	49	516	27
Munda	30	684	37	816	33
Taro	12	558	30	689	58

Summary Statement:**September 2014 rainfall:**

Normal to below normal rainfall was recorded for most parts of the country during the month.

In the Central region, rainfall was normal for Auki and below normal for Henderson and Honiara. For the eastern region, Lata recorded normal rainfall and Kirakira recorded below normal rainfall. In the western region, normal rainfall was recorded for Taro and above normal for Munda.

Honiara has the lowest rainfall of 20 mm which is ranked third lowest on record for the month of September since 1954 while Munda recorded the highest rainfall in the Solomon Islands for September 2014 (357 mm).

During the month, the SPCZ located northeast of the country resulting in normal to below normal rainfall across Solomon Islands.

July to September 2014 rainfall: (Include a summary statement on verification)

Normal rainfall was forecasted for most parts of the country for the period – July to September 2014 with low skill.

Central region – Auki, Henderson and Honiara and; Eastern region – Kirakira and Western region - Taro recorded below normal during the period while Munda in the Western region and Lata in the Eastern region recorded normal rainfall.

As a result of forecast verification, Auki in the northern part of the central region, Kirakira and Lata in the eastern region and Munda in the western region are consistent to their forecast while Henderson and Honiara in the central region were near consistent. Taro in the western region was inconsistent.

Climate Outlooks for November - January 2014:

1. SCOPIC:

The seasonal rainfall outlook for November 2014 to January 2015 shows the most likely outcome is above-normal at Auki, Lata and Munda. Above normal or normal rainfall is favoured at Taro, Honiara and Kirakira. The outlook for Henderson is mixed, with similar chances for below-normal and above-normal totals; near-normal is the least likely outcome

2. POAMA:

The POAMA climate outlook – Normal to above normal is likely for the POAMA forecast for Solomon Islands for the period.

Central region – The favoured outlook for Honiara is normal while rainfall at Taro in the northwest part of western region is likely to be above normal. The POAMA outlook offers little guidance for Munda as the chances of above-normal, normal and below-normal rainfall are similar

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: $X \geq 35$