

## Pacific Islands - Online Climate Outlook Forum No 52

**Country Name: KIRIBATI**

**TABLE 1: Monthly Rainfall**

Station (include data period)	December 2011						
	October 2011 Total	November 2011 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Butaritari	80.6	252.5	214.0	187	327	261	31/72
Tarawa	26.1	23.5	24.4	91	257	181	14/78
Kanton	12.8	7.7	21.4	4	35	9	30/54
Kiritimati	31.2	14.8	23.8	5	49	15	46/78

**TABLE 2: Three-monthly Rainfall  
October to December 2011**

Period: \*below normal/normal/above normal

Station	Three- month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecasted probs.* (include LEPS)	Verification <sup>*</sup> (Consistent, Near-consistent Inconsistent?)
Butaritari	547.1	485	732	564	32/68	43/37/20	Near consistent
Tarawa	74.0	216	529	317	14/77	51/39/11	Consistent
Kanton	69.8	29	83	40	27/51	28/59/14	Consistent
Kiritimati	41.9	24	73	46	46/70	51/12/37	Near consistent

Please state what Predictors and Period are used for October to December 2011 Outlooks:

**Predictor: SST 1 & 9**

**Period used: June, July and August.**

\* 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 February to April 2012**

**Predictors and Period used:**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Butaritari	56	978	44		7	62
Tarawa	61	513	39		29	69
Kanton	58	115	42		12	54
Kiritimati	68	308	32		16	68

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Butaritari	37	750	44	1135	19	17	55
Tarawa	47	316	29	776	24	21	49
Kanton	40	73	42	173	18	14	35
Kiritimati	44	254	41	388	15	22	52

**Summary Statement:**

December 2011 rainfall:

Below normal was recorded for Tarawa while Normal rainfall was recorded for Butaritari and all islands in the Eastern Kiribati.

October to December 2011 rainfall: (Include a summary statement on verification)

For the last three months rainfall in Western Kiribati, Butaritari got a normal rainfall while Tarawa received below normal rainfall. In the Eastern Kiribati, got normal rainfall.

The SCOPIC forecasts for October to December 2011 period were near consistent for Butaritari and Kiritimati while Tarawa and Kanton were both consistent.

Outlook for February to April 2012:

The seasonal climate outlook for the coming three months it is favoured to be normal rainfall in the northern part and a chance of below normal rainfall for Central and Southern part of Western Kiribati.

For the Eastern Kiribati, it is favoured to be normal rainfall for Kanton and a chance of below normal rainfall for Kiritimati.

**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:  $X \geq 35$