

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

**Country Name: KIRIBATI**

**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
Beru (1932:2013)	9.0	262.2	-	-	-	-	-
Butaritari (1931:2013)	106.2	187.4	482.7	237.7	383.8	315.0	64/76
Kanton (1937:2013)	91.9	326	75.6	40.2	86.7	59.2	33/57
Kiritimati (1921:2013)	1.6	69.9	416.6	81.7	180.7	118.0	81/88
Tarawa (1950:2013)	179.9	310.9	407.7	107.6	211.9	148.4	57/65

**TABLE 2: Three-monthly Rainfall  
February to April 2014**

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

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?)
Beru (1932:2013)	-	-	-	-	-	-	-
Butaritari (1931:2013)	776.3	750.0	1120.0	966.0	27/76	19.1/63.8/17.1(15.2)	Consistent
Kanton (1937:2013)	493.5	74.1	176.8	127.4	52/57	30.1/34.9/35.0(14.0)	Consistent
Kiritimati (1921:2013)	488.1	256.6	388.1	319.9	70/88	39.4/36.5/24.1(21.1)	Inconsistent
Tarawa (1950:2013)	898.5	337.0	776.1	549.2	50/65	43.8/31.0/25.2(14.2)	Inconsistent

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).

Predictors and Period used for February to April 2014 Outlooks (refer to OCOF #76): SSTa's 1 and 9 (3mths), Jan 1949 to December 2013.

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

**Predictors and Period used: SST Indices 1 and 11 (3mths) Jan 1949 to December 2013**

Station	<b>Below Median (prob)</b>	<b>Median Rainfall (mm)</b>	<b>Above Median (prob)</b>		<b>LEPS</b>	<b>Hit-rate</b>
Beru	26.9		73.1		15.3	71.4
Butaritari	34.2	756.9	65.8		9.6	65.0
Kanton	35.8	241.1	64.2		12.7	66.7
Kiritimati	45.6	123.4	54.4		5.5	62.5
Tarawa	32.6	360.6	67.4		16.0	70.3

Station	<b>Below Normal (prob)</b>	<b>33%ile rainfall (mm)</b>	<b>Normal (prob)</b>	<b>66%ile rainfall (mm)</b>	<b>Above Normal (prob)</b>	<b>LEPS</b>	<b>Hit-rate</b>
Beru	15.5		25.5		<b>59.1</b>	15.1	51.0
Butaritari	20.3	626.9	25.7	858.0	<b>50.1</b>	8.9	30.0
Kanton	22.4	174.5	38.0	284.2	<b>41.7</b>	6.0	37.8
Kiritimati	21.5	74.0	33.0	164.0	<b>44.6</b>	7.7	42.2
Tarawa	24.3	259.8	30.7	502.2	<b>47.8</b>	10.1	43.8

**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)		
Kanton	5.0	165	70.8	270	24.2		
Tabuaeran	33.3	315	36.4	622	30.3		
Tarawa	5.0	370	31.4	554	63.6		

### Summary Statements

#### **Rainfall for April 2014:**

Butaritari Kiritimati and Tarawa stations recorded above normal rainfall.  
Kanton records normal rainfall.

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

Kanton, Kiritimati and Tarawa stations recorded above normal rainfall. Kanton is consistent while Kiritimati and Tarawa are both Inconsistent.  
Butaritari records normal rainfall and is consistent.

#### **Outlooks for June-August 2014:**

##### **1. SCOPIC: Using SST indices 1 and 11 (3 months) Jan 1949 to December 2013**

All stations favour above normal rainfall in the coming 3 months.

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

Kanton and Tabuaeran favour normal while Tarawa favours above normal rainfall.

**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:  $X \geq 35$