

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 71

**Country Name: KIRIBATI**

**TABLE 1: Monthly Rainfall**

Station (include data period)			July 2013				
	May 2013 Total	June 2013 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Beru (1932:2013)	36.7	148.8	17.3	43.7	121.3	75.4	3/58
Butaritari(1931:2013)	166.5	201.6	MISSING JULY OBSERVATION				
Kanton (1937:2013)	231.2	88.3					
Kiritimati(1921:2013)	114.8	2.5	3.1	21.0	62.2	28.9	7/89
Tarawa(1950:2013)	47.3	68.5	49.4	97.2	188.4	133.2	14/64

**TABLE 2: Three-monthly Rainfall  
May to July 2013**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #67]

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	202.8	171.0	283.0	230.0	24/56	39/41/20 (10.2)	Consistent
Butaritari	MISSING JULY OBSERVATION						
Kanton							
Kiritimati	120.4	115.7	245.6	178.0	31/88	40/26/34 (0.6)	Near Consistent
Tarawa	165.2	330.7	510.2	403.6	8/64	30/40/30 (5.0)	Near Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for May to July 2013 Outlooks (refer to OCOF #67):

**SST'a 1 and 9 (Jan-Mar)**

\* 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 2013**

**Predictors and Period used: 3 months SSTa's 1 and 9 from May to July 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	<b>83.1</b>	150.5	16.9		49.7	86.3
Butaritari	<b>75.2</b>	496.3	24.8		29.5	70.0
Kanton	<b>57.2</b>	65.0	42.8		10.2	60.0
Kiritimati	<b>52.5</b>	39.0	47.5		2.4	55.0
Tarawa	<b>77.2</b>	277.8	22.8		40.9	74.6

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	<b>56.7</b>	87.0	30.2	219.0	13.1	36.6	56.9
Butaritari	<b>52.2</b>	394.5	29.7	608.7	18.1	17.5	45.0
Kanton	35.9	42.6	<b>50.0</b>	97.4	14.1	15.5	51.1
Kiritimati	<b>49.4</b>	19.9	24.7	53.7	25.9	7.2	45.0
Tarawa	<b>56.5</b>	158.1	38.0	413.2	5.5	36.5	55.6

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
September to November 2013**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Tarawa	20.00	242	73.33	558	6.67		
Tabuaeran	16.67	54	46.66	207	36.67		

### Summary Statements

#### Rainfall for July 2013:

All stations recorded *Below Normal* rainfall.

#### Accumulated rainfall for May–July 2013, including outlook verification:

Beru is *Normal* and consistent.

Kiritimati is *Normal* and near consistent.

Tarawa is *Below Normal* and near consistent.

#### Outlooks for September–November 2013:

##### 1. SCOPIC:

With Tercile Outlook Beru, Butaritari, Kiritimati and Tarawa all favour *Below Normal* rainfall except for Kanton which favours *Normal* rainfall. Level of skill will be moderate to exceptional. Beru and Tarawa are exceptional, Butaritari and Kanton both High while Kiritimati is moderate.

##### 2. POAMA:

*Normal* rainfall is favoured for both Tarawa and Tabuaeran.

**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:  $X \geq 35$