

Country: Kiribati

TABLE 1: Monthly Rainfall

TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2018	May-2018	Jun-2018				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Beru (1932-2018)	5.3	14.9		50.0	109.0	75.3	
Butaritari (1931-2018)	136.9	99.7	247.4	209.3	312.1	256.0	36/80
Kanton (1937-2018)	113.2	41.4	21.3	53.3	104.4	81.0	9/63
Kiritimati (1921-2018)	10.7	44.3	47.4	22.5	88.0	52.9	43/94
Tarawa (1950-2018)	29.2	42.1	107.2	84.6	164.3	122.7	33/69

TABLE 2: Three-month Rainfall for April to June 2018

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 Jan-Feb 2018				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Beru (1932-2018)			162.0	353.0	236.9		40	35	25	5	
Butaritari (1931-2018)	484.0	Below normal	710.7	1044.7	895.0	8/79	40	36	24	5	Consistent
Kanton (1937-2018)	175.9	Below normal	176.1	253.2	217.8	21/60	38	42	20	6	Near- consistent
Kiritimati (1921-2018)	102.4	Below normal	212.1	379.7	285.0	7/93	41	34	25	5	Consistent
Tarawa (1950-2018)	178.5	Below normal	333.1	577.7	423.8	6/69	43	36	21	8	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for August to October 2018**Predictor and Period used: NINO3.4 for May to June 2018**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Beru (1932-2018)	35	131.0	65		32	73
Butaritari (1931-2018)	38	526.0	62		32	78
Kanton (1937-2018)	45	128.8	55		18	72
Kiritimati (1921-2018)	47	40.4	53		3	59
Tarawa (1950-2018)	40	279.4	60		31	75

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Beru (1932-2018)	25	103.3	33	197.7	42	22	58
Butaritari (1931-2018)	21	351.2	40	619.3	39	21	46
Kanton (1937-2018)	29	82.6	37	173.2	34	26	62
Kiritimati (1921-2018)	30	26.1	34	57.8	36	6	44
Tarawa (1950-2018)	19	193.6	44	431.2	37	35	57

**TABLE 4: Seasonal Climate Outlooks using POAMA2
for August to October 2018**

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Tarawa	12	261.0	73	651.0	15
Tabuaeran	5	68.0	77	199.0	18
Kiritimati	5	30.0	62	89.0	33
Kanton	5	52.0	16	165.0	79
Butaritari	48	415.0	25	681.0	27
Arorae	15	142.0	40	495.0	45

Summary Statements

Rainfall for June 2018:

Below normal rainfall is recorded in Kanton while Butaritari, Kiritimati and Tarawa recorded normal.

Accumulated rainfall for April to June 2018, including outlook verification:

Below normal rainfall is recorded in Butaritari, Kanton, Kiritimati and Tarawa. Verification is Near-consistent in Kanton and Consistent in Butaritari, Kiritimati and Tarawa.

Outlooks for August to October 2018:

1. SCOPIC:

Beru is most likely to get above normal rainfall with normal next most likely. There is little guidance as the chances of above-normal, normal and below-normal are similar for Kanton and Kiritimati.

Butaritari- There is near equal likelihood of normal and above normal rainfall. Below normal is the least likely.

Tarawa – The outlook shows normal as the most likely outcome, with above normal the next most likely. Below normal is the least likely.

Skill in the outlook is high in Beru and Butaritari, very high in Kanton and Tarawa whilst moderate in Kiritimati.

2. POAMA:

Tarawa, Tabuaeran and Kiritimati favour normal rainfall, Kanton and Arorae favour above normal while Butaritari favours below normal.