

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 132

Country: Solomon Islands

TABLE 1: Monthly Rainfall

Station (include data period)	Jun-2018	Jul-2018	Aug-2018				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2018)	176.2	254.5	328.9	152.8	236.7	199.3	50/57
Henderson (1975-2018)	71.7	111.8	138.8	70.5	101.2	85.6	39/44
Honiara (1954-2018)	80.5	73.5	85.0	66.6	99.1	89.0	30/63
Kirakira (1965-2018)	423.0	419.6	120.8	191.4	334.9	258.3	7/51
Lata (1975-2018)	595.6	425.7	150.5	270.0	402.8	319.3	6/44
Munda (1962-2018)	200.6	284.9	267.7	200.4	307.8	261.3	32/57
Taro (1975-2018)	283.4	352.4	363.8	262.8	338.6	293.3	30/41

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

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 March-April 2018				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Auki (1962-2018)	759.6	Above normal	553.2	671.1	608.6	47/56	27	41	32	-1	Near-consistent
Henderson (1975-2018)	322.3	Above normal	229.6	309.3	249.8	31/44	22	36	42	7	Consistent
Honiara (1954-2018)	239.0	Normal	235.4	329.6	274.2	24/62	27	41	32	-8	Consistent
Kirakira (1965-2018)	963.4	Normal	703.6	982.8	884.7	31/51	12	46	42	14	Consistent
Lata (1975-2018)	1171.8	Normal	859.2	1192.0	993.5	29/44	26	40	34	0	Consistent
Munda (1962-2018)	753.2	Below Normal	760.0	963.1	834.1	19/57	40	30	30	1	Consistent
Taro (1975-2018)	999.6	Above normal	825.2	963.1	884.1	27/40	39	27	34	-3	Inconsistent

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Auki (1962-2018)	55	695.8	45		6	57
Henderson (1975-2018)	53	424.6	47		2	63
Honiara (1954-2018)	58	446.5	42		13	65
Kirakira (1965-2018)	55	728.8	45		9	61
Lata (1975-2018)	54	1091.0	46		5	56
Munda (1962-2018)	55	762.2	45		6	63
Taro (1975-2018)	54	711.6	46		10	63

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Auki (1962-2018)	39	620.5	36	794.9	25	11	48
Henderson (1975-2018)	36	347.8	35	499.6	29	6	51
Honiara (1954-2018)	40	384.5	40	572.8	20	13	37
Kirakira (1965-2018)	35	671.2	34	838.8	31	1	39
Lata (1975-2018)	36	985.3	31	1207.6	33	14	51
Munda (1962-2018)	38	716.0	34	816.3	28	11	48
Taro (1975-2018)	35	647.6	36	799.7	29	13	45

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

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Honiara	27	308.0	15	516.0	58
Kirakira	30	586.0	18	759.0	52
Lata	21	920.0	36	1184.0	43
Munda	42	684.0	9	816.0	49
Taro	24	558.0	9	689.0	67

Summary Statements

Rainfall for August 2018:

Above normal rainfall was recorded for Auki and Henderson in the central region and Taro in the western region. Honiara in the central region and Munda in the western region recorded normal rainfall. Kirakira in the central region and Lata in the eastern region recorded below normal rainfall.

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

Above normal rainfall was recorded for Auki and Henderson in the central region and Taro in the western region. Normal rainfall was observed at Honiara and Kirakira in the central region and Lata in the eastern region. Munda in the western region recorded below normal rainfall. Forecast verifications were Consistent for Henderson, Honiara, Kirakira, Lata and Munda; Near-consistent for Auki and Inconsistent for Taro.

Outlooks for October to December 2018:

1. SCOPIC:

The Outlook offers little guidance for Henderson and Kirakira in the central region, Lata in the eastern region as well as Munda and Taro in the western region. Auki and Honiara in the central region have a near-equal likelihood of below normal and normal rainfall. Above normal is the least likely.

2. POAMA:

The outlook favours above normal rainfall for Honiara and Kirakira in the central region and Taro in the western region. At Lata in the eastern region the outlook shows above normal rainfall as the most likely, with normal the next most likely. At Munda in the western region the most likely outcome is above normal, with below normal the next most likely.

Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Country	Date	Stakeholder	Total Number of Participants	Number of male	Number of female

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: $X \geq 35$