Pacific Islands - Online Climate Outlook Forum (OCOF) No. 131

Country: Solomon Islands

TABLE 1: Monthly Rainfall

Station (include data period)	May-2018	Jun-2018	Jul-2018				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Auki (1962-2018)	248.3	176.2	254.5	195.0	256.7	218.4	38/57
Henderson (1975-2018)	93.3	71.7	111.8	73.0	107.7	92.5	31/44
Honiara (1954-2018)	104.4	80.5	73.5	65.6	106.3	94.7	25/63
Kirakira (1965-2018)	483.6	423.0	419.6	246.6	406.2	340.5	38/52
Lata (1975-2018)	680.3	595.6	425.7	297.7	391.5	338.5	33/44
Munda (1962-2018)	180.1	200.6	284.9	231.1	370.3	288.0	28/57
Taro (1975-2018)	154.2	283.4	352.4	289.3	352.0	316.2	28/40

TABLE 2: Three-month Rainfall for May to July 2018

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 Feb-Mar 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Auki (1962-2018)	679.0	Normal	548.2	686.6	612.4	37/56	30	36	34	-1	Consistent
Henderson (1975-2018)	276.8	Normal	250.3	318.4	274.4	22/43	15	39	46	9	Near-consistent
Honiara (1954-2018)	258.4	Below normal	266.6	335.5	294.0	20/63	18	43	39	7	Near-consistent
Kirakira (1965-2018)	1326.2	Above normal	745.1	975.0	870.0	47/52	18	35	47	12	Consistent
Lata (1975-2018)	1701.6	Above normal	866.5	1163.3	986.5	43/44	21	47	32	1	Near-consistent
Munda (1962-2018)	665.6	Below normal	712.3	1000.0	872.2	15/57	33	33	34	-2	Inconsistent
Taro (1975-2018)	790.0	Normal	767.5	928.6	857.1	15/39	37	41	22	0	Consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for September to November 2018
Predictor and Period used: NINO3.4 for June to July 2018

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Auki (1962-2018)	57	645.9	43		6	61
Henderson (1975-2018)	56	358.4	44		9	67
Honiara (1954-2018)	58	362.2	42		10	60
Kirakira (1965-2018)	55	755.9	45		7	62
Lata (1975-2018)	57	1061.5	43		9	58
Munda (1962-2018)	54	703.7	46		2	52
Taro (1975-2018)	53	799.9	47		2	55

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	591.6	30	694.2	31	6	35
Henderson (1975-2018)	40	291.0	39	390.2	21	11	51
Honiara (1954-2018)	38	310.0	33	415.7	29	6	45
Kirakira (1965-2018)	38	637.4	32	849.6	30	10	38
Lata (1975-2018)	38	995.6	35	1240.2	27	7	47
Munda (1962-2018)	37	651.1	33	783.6	30	2	30
Taro (1975-2018)	36	746.2	30	849.7	34	2	34

TABLE 4: Seasonal Climate Outlooks using POAMA2 for September to November 2018

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Honiara	36	269.0	9	407.0	55
Kirakira	39	487.0	15	824.0	46
Lata	36	874.0	21	1223.0	43
Munda	45	582.0	5	745.0	50
Taro	42	693.0	6	810.0	52

Summary Statements

Rainfall for July 2018:

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

Accumulated rainfall for May to July 2018, including outlook verification:

Above normal rainfall was recorded for Kirakira in the central region and Lata in the eastern region. Normal rainfall was observed at Taro in the western region and at Auki and Henderson in the central region. Honiara and Munda recorded below normal rainfall. Below normal rainfall Verifications for the stations were consistent for Kirakira and Lata, Near consistent for Auki, Munda and Taro. Henderson and Honiara were inconsistent.

Outlooks for September to November 2018:

1.   SCOPIC:

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

2.   POAMA:

The outlook favours above normal rainfall for Honiara in the central region, and Munda and Taro in the western region. Meanwhile the likely outcome is above normal for other remaining stations with below normal the next most likely.

Stakeholder Engagement- Evaluations of how effective we engage with stakeholders

Country	Date	Stakeholder	Total Number of Participants	Number of male	Number of female
Solomon Islands	14/08/2018	SIMS	3	3	0

NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0   Low: 0 ≤ X < 5   Moderate 5 ≤ X < 10   Good: 10 ≤ X < 15   High: 15≤ X < 25

Very High: 25 ≤X < 35   Exceptional: X ≥ 35