

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

Country: Vanuatu

TABLE 1: Monthly Rainfall

Station (include data period)	May-2018	Jun-2018	Jul-2018				Rank
	Total (mm)	Total (mm)	Total (mm)	33%tile	67%tile	Median	
			Rainfall (mm)				
Northern Region							
Sola (1971-2018)	348	128	42.4	157.0	313.1	253.9	3/44
Pekoa (1971-2018)	100.5	90.1	23.2	60.0	118.6	83.1	5/48
Lamap (1961-2018)	144.5	99.5	15.0	57.7	116.5	78.1	3/58
Southern Region							
Bauerfield (1972-2018)	100.9	201.8	29.2	47.2	90.9	61.9	11/46
Port Vila (1953-2018)	71.5	161.5	19.0	50.0	127.0	75.7	5/66
Whitegrass (1972-2018)	36.5	185.8	7.6	28.7	59.1	45.8	5/46
Aneityum (1952-2018)	190	262.4	71.8	77.2	140.0	101.1	19/67

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	
<i>Northern Region</i>											
Sola (1971-2018)	518.4	Below normal	754.0	1184.0	963.0	3/43	23	34	43	4	Inconsistent
Pekoa (1971-2018)	213.8	Below normal	328.0	573.0	466.0	7/48	15	44	41	11	Near-consistent
Lamap (1961-2018)	259.0	Below normal	307.0	471.0	384.0	13/57	25	30	45	4	Inconsistent
Bauerfield (1972-2018)	331.9	Normal	314.0	525.0	438.0	17/46	21	36	43	5	Near-consistent
Port Vila (1953-2018)	252.0	Below normal	329.0	485.0	398.0	15/66	10	43	47	18	Inconsistent
Whitegrass (1972-2018)	229.9	Normal	181.0	269.0	220.0	25/46	26	25	49	8	Near-consistent
Aneityum (1952-2018)	524.2	Above normal	358.0	520.0	398.0	45/66	23	32	45	5	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]
<i>Northern Region</i>						
Sola (1971-2018)	58	1024.4	42		10	60
Pekoa (1971-2018)	64	428.3	36		26	72
Lamap (1961-2018)	58	326.9	42		10	68
Bauerfield (1972-2018)	63	306.3	37		25	78
Port Vila (1953-2018)	66	301.6	34		32	80
Whitegrass (1972-2018)	62	145.4	38		21	69
Aneityum (1952-2018)	67	340.2	33		27	70

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
<i>Northern Region</i>							
Sola (1971-2018)	41	899.0	26	1161.5	33	11	51
Pekoa (1971-2018)	42	317.8	35	521.4	23	22	55
Lamap (1961-2018)	40	266.0	36	413.0	24	13	47
Bauerfield (1972-2018)	40	229.6	39	428.3	21	21	51
Port Vila (1953-2018)	44	232.8	33	389.2	23	20	54
Whitegrass (1972-2018)	43	116.4	42	220.1	15	28	56
Aneityum (1952-2018)	46	262.0	35	422.7	19	24	52

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)
<i>Northern Region</i>					
Sola	40	653	24	1094	36
Pekoa	61	273.0	15	477.0	24
Lamap	61	280.0	15	360.0	24
<i>Southern Region</i>					
Bauerfield	55	227.0	15	387.0	30
Port Vila	55	219.0	15	310.0	30
Whitegrass	49	93.0	21	157.0	30
Aneityum	64	189.0	24	359.0	12

Summary Statements

Rainfall for July 2018:

Rainfall recorded for month of June was below normal for all stations. 5 stations (Sola, Pekoa, Lamap, Bauerfield, Port Vila and Whitegrass) were either 3 to 5th driest July on record.

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

Accumulated rainfall for the period May – July was below normal for Sola, Pekoa, Lamap, and Port Vila. Normal rainfall for Bauerfield and Whitegrass. Above normal rainfall for Aneityum. Forecast was consistent for Aneityum, near-consistent for Pekoa, Bauerfield and Whitegrass while inconsistent for Sola, Lamap and Port Vila. Sola recorded the 3 driest May-July rainfall on record.

Outlooks for September to November 2018:

1. SCOPIC:

The outlook for September to November shows below normal as the most likely outcome at Sola, Pekoa, Lamap, Port Vila and Aneityum. Normal is the next most likely outcome for these stations.

The outlook for the season shows near-equal likelihood of below normal and normal rainfall for Bauerfield and Whitegrass. Above normal is the least likely.

2. POAMA:

The outlook for September to November shows below- normal rainfall as the most likely outcome for all stations and normal rainfall as 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

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: $X \geq 35$