Pacific Islands - Online Climate Outlook Forum (OCOF) 116

Country Name: Vanuatu

TABLE 1: Monthly Rainfall

Station (include data period)			April 2017				
	February 2017 Total(mm)	March 2017 Total(mm)	Total(mm)	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Sola	578.8	**185.6**	**500.0**	339	485	430	31/45
Pekoa	158.5	**259.0**	**201.8**	186	310	243	18/47
Lamap	193.2	**213.0**	**353.0**	162	230	192	53/57
Bauerfield	308.5	**255.0**	**598.0**	162	272	190	45/45
Port Vila	248.0	**286.8**	**320.0**	139	265	182	49/65
Whitegrass	214.3	**87.1**	**287.5**	54	132	88	41/46
Aneityum	203.3	**110.0**	**293.4**	150	263	197	46/66

TABLE 2: Three-monthly Rainfall
February to April 2017

[Please note that the data used in this verification should be sourced from table 3 of OCOF #112]

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?
Sola	**1264.4**	1038	1327	1151	26/45	27:34:**39** (1.3)	Near-Consistent
Pekoa	**619.3**	750	960	855	10/47	33:**34**:33 (-2.5)	Near-Consistent
Lamap	**759.2**	635	756	701	39/56	29:30:**41** (3.4)	Consistent
Bauerfield	**1161.5**	791	1000	920	41/45	25:**38**:37 (2.1)	Near- Consistent
Port Vila	**854.8**	771	926	860	32/65	26:32:**42** (7.0)	Near-consistent
Whitegrass	**588.9**	412	580	488	32/45	27:33:**40** (5.5)	Near-consistent
Aneityum	**606.8**	686	949	834	13/66	30:32:**38** (-0.7)	Inconsistent

Period:*below normal/normal/above normal

Predictors and Period used for February to April 2017 Outlooks (refer to OCOF #112):
NINO3.4 Oct-Dec

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*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 Jun to Aug 2017

Predictors and Period used: NINO3.4 Feb-Apr

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Sola	54	776	46		11	56
Pekoa	59	395	42		19	65
Lamap	55	285	49		7	62
Bauerfield	52	335	45		-0.2	43
Port Vila	55	320	45		5.2	56
Whitegrass	55	165	45		8	57
Aneityum	53	391	47		2	59

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Sola	35	588	31	1030	34	9	47
Pekoa	36	247	33	467	31	10	50
Lamap	37	236	36	356	27	6	46
Bauerfield	35	268	32	387	33	1	33
Port Vila	37	260	32	417	31	5	38
Whitegrass	37	137	33	234	31	4	40
Aneityum	36	311	34	452	30	4	40

TABLE 4: Seasonal Climate Outlooks using POAMA2 for June to August 2017

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Sola	61	510	9	739	30		
Pekoa	73	242	15	399	12		
Lamap	73	196	15	361	12		
Bauerfield	49	320	39	373	12		
Port Vila	48	241	39	362	12		
Whitegrass	45	121	43	193	12		
Aneityum	27	291	51	429	22		

Summary Statements

Rainfall for April 2017:
Above normal for all stations except Pekoa which recorded normal rainfall.

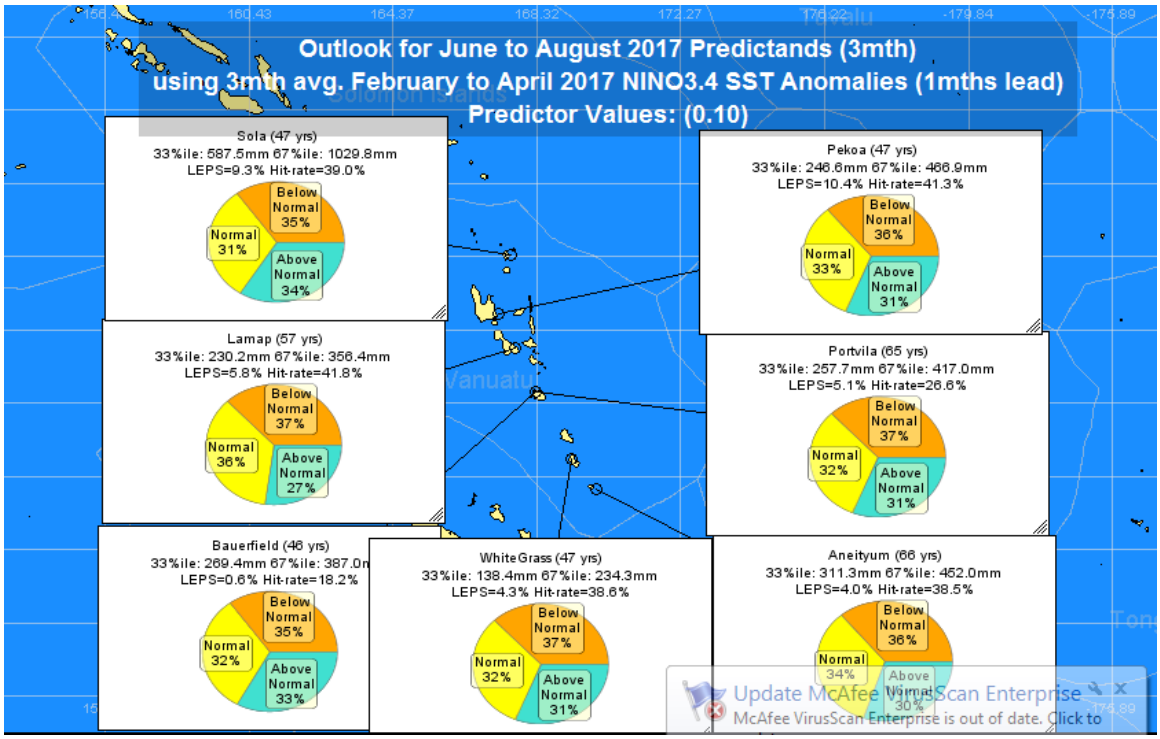
Accumulated rainfall for February to April 2017, including outlook verification:

Rainfall for the past three months was above normal for Lamap and Bauerfield. Below normal rainfall was recorded at Pekoa and Aneityum, while Sola, Port Vila and Whitegrass recorded normal rainfall.

The outlook was near–consistent at most sites, the exceptions being consistent at Lamap and inconsistent at Aneityum.

Outlooks for April to June 2017:
1. SCOPIC:

Using NINO 3.4 SST anomalies;
The outlook offers little guidance for the coming season as the chances of above-normal, normal and below-normal rainfall are similar..



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