

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 113

**Country Name: Samoa**

**TABLE 1: Monthly Rainfall**

Station (include data period)			January 2017				
	November 2016 Total	December 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Afiamalu	372.4	834.2	497.5	552.1	760.8	645.4	18/64
Nafanua	156.8	757.3	338.8	352.0	720.2	442.5	13/43
Apia	111.6	560.4	270.4	355.8	489.1	399.6	23/128
Faleolo	231.8	382.7	226.5	213.8	361.9	293.5	22/57

**TABLE 2: Three-monthly Rainfall  
November 2016 to January 2017**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #109]

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?)
Afiamalu	1704.1	1445.8	1993.1	1767.2	30/62	29/29/ <b>42</b> (14.2)	Near consistent
Nafanua	1252.6	1083.4	1490.6	1337.2	20/40	16/41/ <b>43</b> (17.5)	Near consistent
Apia	942.4	968.6	1205.0	1056.0	41/126	27/36/ <b>37</b> (4.0)	Inconsistent
Faleolo	841.0	689.4	897.6	772.0	34/55	27/36/ <b>37</b> (2.4)	Near consistent

Period: \*below normal/normal/above normal

Predictors and Period used for October to December 2016 Outlooks (refer to OCOF #109):

### Nino 3.4 values from June to August 2016

\* 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).



## **Summary Statements**

**Rainfall for January 2017:** “Above normal” rainfall were observed for Afiamalu, Nafanua and Apia with an exception of Faleolo recorded “normal” rainfall.

**Accumulated rainfall for November 2016 to January 2017, including outlook verification:** “Normal rainfalls were recorded except Apia received “below normal”.

The outlook verification was “near consistent” for Afiamalu, Nafanua and Faleolo. Inconsistent was registered for Apia station.

### **Outlooks for March to May 2017:**

#### **1. SCOPIC:**

- The outlook for all sites offers little guidance for the coming season as the chances of above-normal, normal and below-normal rainfall are similar.

The confidence of the model is “very low”.

**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:  $X \geq 35$