

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 109

Country Name: SAMOA

TABLE 1: Monthly Rainfall

Station (include data period)	September 2016						
	July 2016 Total	August 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Afiamalu	69.5	271.6	186.9	117.2	219.0	152.1	37/64
Apia	24.0	163.4	97.1	93.3	174.0	123.2	46/127
Nafanua	82.0	132.1	131.1	105.1	176.5	156.5	18/44
Faleolo	36.7	122.8	47.5	56.6	116.9	82.6	13/54

**TABLE 2: Three-monthly Rainfall
July to September 2016**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #105]

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	528.0	461.8	671.9	590.2	23/62	38/29/33 (-1.4)	Near Consistent
Apia	284.5	250.3	423.3	345.3	51/127	37/31/32 (-0.2)	Near Consistent
Nafanua	345.2	302.7	507.7	404.0	17/44	32/28/40 (-1.9)	Near Consistent
Faleolo	206.4	213.5	359.3	280.5	17/52	35/36/30 (-2.3)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for July to September 2016 Outlooks (refer to OCOF #105):
Nino 3.4 values from March to May 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 September 2016: 'Normal' rainfall for all with '**below normal**' recorded at Faleolo station.

Accumulated rainfall for July to September 2016, including outlook verification:

All stations registered 'normal' accumulated rainfall with Faleolo received 'below normal'. The outlook was 'near consistent' in all stations.

Outlooks for November 2016 to January 2017:

1. SCOPIC:

The outlook for Afiamalu favours 'above normal' rainfall whereas the outlooks for Nafanua, Apia and Faleolo provide similar chances of 'above normal' and 'normal' rainfall; 'below normal' is the least likely outcome.

Confidence of the model is '**low**' at Apia and Faleolo, '**good**' at Afiamalu and '**high**' confidence for Nafanua.

2. POAMA:

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: $X \geq 35$