Pacific Islands - Online Climate Outlook Forum (OCOF) No. 112

Country Name: **Niue**

TABLE 1: Monthly Rainfall

Station (include data period)			December 2016				
	October 2016 Total	November 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	116.2	121.0	**180.9**	113.3	212.3	148.3	25/67

TABLE 2: Three-monthly Rainfall
October to December 2016
[Please note that the data used in this verification should be sourced from table 3 of OCOF #108]

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?
Hanan Airport	**418.1**	368.6	518.8	443.5	28/67	20/40/40 (16.6)	Near-Consistent

Period:*below normal/normal/above normal

Predictors and Period used for October to December 2016 Outlooks (refer to OCOF #107):

Nino 3.4 – June to July 2016

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* Forecast is <u>consistent</u> when observed and predicted (tercile with the highest probability) categories coincide (are in the same tercile).
Forecast is <u>near-consistent</u> 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 <u>inconsistent</u> 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 February to April 2017

Predictors and Period used: Nino 3.4 November – December 2016

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	40	738.0	60		7.6	15.9

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	21	630.0	38	847.9	41	9.7	43.9

NOTE: Table 4 has been removed from this document as POAMA rainfall outlooks for the Pacific are currently unavailable.

Summary Statements

Rainfall for December 2016:

Rainfall for December was Normal.

Accumulated rainfall for October to December 2016, including outlook verification:

Rainfall for October to December was normal.
The seasonal rainfall outlook the same period showed a near equal likelihood of above-normal and normal rainfall.
The outlook is near-consistent with the observed rainfall.

Outlooks for February to April 2017:
1. SCOPIC:
The SCOPIC outlook for February to April shows a near equal likelihood of above-normal and normal rainfall. Confidence in the outlook is moderate.

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