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

Country Name: **NIUE**

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
Hanan Airport (1950-2016)	**57.7**	**89.3**	**177.5**	52.8	127.7	89.2	54/67

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?
Hanan Airport	**324.5**	237.0	354.3	312	35/67	35/40/20 (-0.3)	**Consistent**

Period:*below normal/normal/above normal

Predictors and Period used for July to September 2016 Outlooks (refer to OCOF #105):

Nino 3.4 – April to May 2016

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*Forecast is underline 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 November to January 2016

Predictors and Period used: Nino 3.4 – August to September 2016

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	42	591	58		6.8	59.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	24	494.7	35	678.3	41	10.3	48.5

TABLE 4: Seasonal Climate Outlooks using POAMA2 for November to January 2016

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		

Summary Statements

Rainfall for September 2016:
September rainfall was above-normal.

Accumulated rainfall for July to September 2016, including outlook verification:
Rainfall outlook for July to September was normal.
The outlook favoured normal with below-normal rainfall the next most likely.
Verification for the outlook was consistent with the observed rainfall.

Outlooks for November to January 2016:

1. SCOPIC:
The seasonal rainfall outlook for November to January favours above normal, with normal the next most likely. The least likely category is below normal.

2. POAMA:

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