Pacific Islands - Online Climate Outlook Forum (OCOF) No. 105

Country Name: **NIUE**

TABLE 1: Monthly Rainfall

Station (include data period)			May 2016				
	March 2016 Total	April 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (1950-2016)	**238.8**	**46.3**	**70.1**	81.7	164.7	125.6	18/67

TABLE 2: Three-monthly Rainfall
March to May 2016
[Please note that the data used in this verification should be sourced from table 3 of OCOF #101]

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	**355.2**	550.0	769.7	617	8/67	68/13/19 (3.5)	**Consistent**

Period:*below normal/normal/above normal

Predictors and Period used for March to May 2016 Outlooks (refer to OCOF #101):

Nino 3.4 – December 2015 to January 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 July to September 2016

Predictors and Period used: Nino 3.4 – April to May 2016

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	59	312	41		-0.8	50.0

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	35	237.0	45	354.3	20	-0.3	40.9

TABLE 4: Seasonal Climate Outlooks using POAMA2 for July to September 2016

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	91	288	5	368	4		

Summary Statements

Rainfall for May 2016:
May Rainfall was below normal.

Accumulated rainfall for March to May 2016, including outlook verification:
Rainfall outlook for March to May was below normal.
The outlook favoured below normal rainfall.
Verification for the outlook was consistent with the observed below rainfall.

Outlooks for July to September 2016:
1. SCOPIC:
The SCOPIC outlook July to September favours normal rainfall with below normal the next most likely. Confidence in the outlook is very low.

2. POAMA:

The POAMA outlook for July to September favours below normal rainfall.

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