Pacific Islands - Online Climate Outlook Forum (OCOF) No. 115

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station (include data period)			March 2017				
	January 2017 Total	February 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	395.3	461.2	254.0	193.9	311.0	247.0	36/67

TABLE 2: Three-monthly Rainfall
January 2017 to March 2017
[Please note that the data used in this verification should be sourced from table 3 of OCOF #111]

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	1,110.5	630.0	847.9	738.0	61/67	20/38/**42** (8.9)	Consistent

Period:*below normal/normal/above normal

Predictors and Period used for January 2017 to March 2017 Outlooks (refer to OCOF #111):

Nino 3.4 – October – November 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 May to July 2017

<u>**Predictors and Period used**</u>: NINO 3.4 February – March 2017.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	50.0	310.0	50.0		-0.4	50.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	33.0	252.0	34.0	397.0	33.0	-1.6	31.3

TABLE 4: Seasonal Climate Outlooks using POAMA2 for May to July 2017

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	55	274	36	362	9		

<u>**Summary Statements**</u>

Rainfall for March 2017:

Rainfall for March 2017 was "Below Normal".

Accumulated rainfall for January 2017 to March 2017, including outlook verification:

Rainfall for January to March 2017 was above normal.
The outlook showed the most likely outcome I above normal, with normal the next most likely.
Verification for the outlook is consistent with the observed rainfall.

Outlooks for May to July 2017:
1. SCOPIC:
   The outlook offers little guidance for the coming season as the chance of normal, above-normal and below-normal are similar.

2. POAMA:

   The POAMA outlook for May to July 2017 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