# Pacific Islands - Online Climate Outlook Forum (OCOF) No. 111

#### Country Name: NIUE

Station (include data period)			November 2016					
	September 2016 Total	October 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	
Hanan Airport	177.5	116.2	121.0	96.0	171.1	143.0	28/67	

# **TABLE 1: Monthly Rainfall**

# **TABLE 2: Three-monthly Rainfall**

#### September to November 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #107]

Station	Three-month Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking	Forecast probs.* (include LEPS)	Verification <sup>®</sup> (Consistent, Near-consistent Inconsistent?
	44.4.7	202.0	447.2	255.0	42/67		Consistant
Hanan Airport	414.7	302.0	447.3	355.0	42/67	<mark>34/37/</mark> 29	Consistent

Period:\*below normal/normal/above normal

# Predictors and Period used for September to November 2016 Outlooks (refer to OCOF #107):

### Nino 3.4 – June to July 2016

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 forJanuary to March 2017

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)	LEPS	Hit-rate
Hanan Airport	40	738.0	60	6.5	57.6

# Predictors and Period used: NINO 3.4 –October to November 2016

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanana Airport	20	630.0	38	847.9	42	8.9	39.4

# TABLE 4: Seasonal Climate Outlooks using POAMA2 forJanuary to March 2017

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

# **Summary Statements**

#### Rainfall for November 2016:

November rainfall was normal.

#### Accumulated rainfall for September to November 2016, including outlook verification:

Rainfall outlook for September to November was normal.

The outlook offered little guidance with similar chances for above-normal, normal and below-normal rainfall.

Verification for the outlook was consistent with the observed rainfall.

# Outlooks for January to March 2017:

#### 1. SCOPIC:

The seasonal rainfall outlook for January to March shows the most likely outcome is above-normal, with normal the next most likely.

2. POAMA:

#### NB: The X LEPS % score has been categorised as follows:

Very Low: X < 0.0	Low: $0 \le X < 5$	Moderate 5 ≤ X < 10	Good: 10 ≤ X < 15	High: 15≤ X < 25
Very High: 25 ≤X < 35	Exceptional: $X \ge 35$			