#### 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	Consistent
						(3.5)	

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** 

<sup>\*</sup>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

<u>Predictors and Period used</u>: 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:

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

Very High:  $25 \le X < 35$  Exceptional:  $X \ge 35$