

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 100

**Country Name:** NIUE ISLAND

### TABLE 1: Monthly Rainfall

Station (include data period)	December 2015						
	October 2015 Total	November 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (1950 – 2015)	51.3	154.2	59.9	120.1	215.7	148.6	10/66

### TABLE 2: Three-monthly Rainfall October to December 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #96]

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	265.4	372.6	528.9	448.0	13/66	85/9/6 (15.0)	Consistent

Period: \*below normal/normal/above normal

Predictors and Period used for October to December 2015 Outlooks (refer to OCOF #96):

*NINO 3.4 – July to August 2015*

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\* Forecast is 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 February to April 2016**

**Predictors and Period used: NINO 3.4 – November to December 2015**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	83	741	17		6.9	60

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	74	636.7	18	849.9	8	7.9	41.5

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for February to April 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	79	608	6	851	15		

## Summary Statements

### Rainfall for December 2015:

- December rainfall was **Below Normal**.

### Accumulated rainfall for October to December 2015, including outlook verification:

- Rainfall for October to December 2015 was **below normal**.
- The outlook for October to December favours **below normal** rainfall.
- Verification for the outlook was **consistent** with the observed below normal rainfall.

### Outlooks for February to April 2016:

#### 1. SCOPIC:

- The SCOPIC outlook for February to April 2016 favours **below normal** rainfall.
- Confidence in the outlook is **good**.

#### 2. POAMA:

- The POAMA outlook for February to April favours **below normal** rainfall.

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

Very Low:  $X < 0.0$

Low:  $0 \leq X < 5$

Moderate  $5 \leq X < 10$

Good:  $10 \leq X < 15$

High:  $15 \leq X < 25$

Very High:  $25 \leq X < 35$

Exceptional:  $X \geq 35$