

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 108

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	August 2016						
	June 2016 Total	July 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (1950-2016)	75.4	57.7	89.3	46.7	103.5	79.5	39/67

TABLE 2: Three-monthly Rainfall June to August 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #104]

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	133.1	220.7	333.5	274	24/67	42/33/25 (-1.4)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for June to August 2016 Outlooks (refer to OCOF #104):

Nino 3.4 – April to May 2016

* 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
October to December 2016**

Predictors and Period used: Nino 3.4 – July to August 2016

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	42	443.5	58		11.4	68.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	20	368.6	40	518.8	40	16.6	59.1

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	5	344	13	528	82		

Summary Statements

Rainfall for July 2016:

August rainfall was normal.

Accumulated rainfall for June to August 2016, including outlook verification:

Rainfall outlook for June-August was below normal.

The outlook favoured below normal with normal rainfall with the next most likely.

Verification for the outlook was consistent with the observed rainfall.

Outlooks for October to December 2016:

1. SCOPIC:

The seasonal rainfall outlook for October to December shows an equal likelihood of normal and above normal rainfall. Below normal is least likely.

2. POAMA:

The POAMA outlook for October to December favours above 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: $X \geq 35$