

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 104

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	April 2016						
	February 2016 Total	March 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (1950-2016)	281.6	238.8	46.3	171.0	276.0	208.9	5/67

TABLE 2: Three-monthly Rainfall February to April 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #100]

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	566.7	636.7	849.9	741.0	16/67	74/18/8 (7.9)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for February to April 2016 Outlooks (refer to OCOF #100):

Nino 3.4 – November to December 2015

* 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
June to August 2016**

Predictors and Period used: [Nino 3.4 – March to April 2016](#)

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	58	274	42		-1.1	53.0

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	42.0	220.7	33.0	333.5	25.0	-1.4	18.2

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
June to August 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	85.0	247	10.0	367	5.0		

Summary Statements

Rainfall for April 2016:

April Rainfall was below normal.

Accumulated rainfall for February to April 2016, including outlook verification:

Rainfall outlook for February to April was below normal.

The outlook favoured below normal rainfall.

Verification for the outlook was consistent with the observed below rainfall.

Outlooks for June to August 2016:

1. SCOPIC:

The SCOPIC outlook June to August favours below normal rainfall with normal the next most likely. Confidence in the outlook is very low.

2. POAMA:

The POAMA outlook for June to August 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: $X \geq 35$