

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 116

Country Name: Niue Island

TABLE 1: Monthly Rainfall

Station (include data period)			April 2017				
	February 2017 Total	March 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	461.2	254.0	72.4	169.0	275.0	206.8	8/67

**TABLE 2: Three-monthly Rainfall
February to April 2017**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #112]

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	787.6	630.0	847.9	738.0	39/67	21/38/41 (9.7)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for February 2017 to April 2017 Outlooks (refer to OCOF #112):

Nino 3.4 – November to December 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
June to August 2017**

Predictors and Period used: Nino 3.4 March to April

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	53	274.0	47		-0.9	50.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	35	221.0	35	329.0	30	-1.2	20.9

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
June to August 2017**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	37	247	30	367	33		

Summary Statements

Rainfall for April 2017:

April rainfall for 2017 was Below Normal.

Accumulated rainfall for February to April 2017, including outlook verification:

Rainfall for February to April 2017 was Normal, which was consistent with the outlook issued in January.

Outlooks for June to August 2017:

1. SCOPIC:

The SCOPIC outlook for June to August 2017 offers little guidance for the coming season as the chances of above-normal, normal and below-normal rainfall are similar. Confidence in the outlook is very low.

2. POAMA:

The POAMA outlook offers little guidance for the coming season as the chances of above-normal, normal and below-normal rainfall are similar.

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: $X \geq 35$