

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 117

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)			May 2017				
	March 2017 Total	April 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	254.0	72.4	135.2	79.0	164.0	125.1	39/67

**TABLE 2: Three-monthly Rainfall
March to May 2017**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #113]

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	461.6	549.0	769.0	606.0	16/37	25/38/37 (4.7)	Near Consistent

Period: *below normal/normal/above normal

Predictors and Period used for March 2017 to May 2017 Outlooks (refer to OCOF #113):

Nino 3.4 – December to January 2017.

* 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
July to September 2017**

Predictors and Period used: Nino 3.4 April – May.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	53.0	313.0	47.0		-0.9	53.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	34	240.0	43	351.0	23	-1.7	20.9

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
July to September 2017**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	18	288	33	368	49		

Summary Statements

Rainfall for May 2017:

Rainfall for May 2017 was normal.

Accumulated rainfall for March to May 2017, including outlook verification:

Rainfall for March to May was Below Normal.

The outlook showed near-equal likelihood of above normal, with normal the next most likely.

Verification for the outlook was near consistent.

Outlooks for July to September 2017:

1. SCOPIC:

The outlook shows normal is the most likely outcome, with below normal the next most likely.

2. POAMA:

The POAMA outlook for July to September 2017 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: $X \geq 35$