

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 119

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	July 2017						
	May 2017 Total	June 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	135.2	20.3	147.0	56.0	122.3	86.1	51/67

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

[Please note that the data used in this verification should be sourced from table 3 of OCOF #115]

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	302.5	252.0	397.0	310.0	33/67	33/34/33 (-1.6)	Near-Consistent

Period: *below normal/normal/above normal

Predictors and Period used for May to July 2017 Outlooks (refer to OCOF #115):

Nino 3.4 February - March 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
September to November 2017**

Predictors and Period used: Nino 3.4 June – July 2017.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	63	356.0	37		16.1	65.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	67%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	41	302.0	36	436.0	23	11.3	50.7

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	67%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	27	267	12	474	61		

Summary Statements

Rainfall for July 2017:

Rainfall for July 2017 was above normal.

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

Rainfall for May to July 2017 was normal.

The outlook showed little guidance with the chances for below normal, normal and above normal being similar.

Verification for the outlook is near-consistent.

Outlooks for September to November 2017:

1. SCOPIC:

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

2. POAMA:

The POAMA outlook for September to November favours above normal.

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: $X \geq 35$