

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 118

Country Name: Niue Island

TABLE 1: Monthly Rainfall

Station (include data period)	June 2017						
	April 2017 Total	May 2017 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	72.4	135.2	20.3	58.0	102.0	63.2	10/67

TABLE 2: Three-monthly Rainfall April to June 2017

[Please note that the data used in this verification should be sourced from table 3 of OCOF #114]

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	227.9	354.0	526.4	443.0	11/67	28/36/36 (3.9)	Near-consistent

Period: *below normal/normal/above normal

Predictors and Period used for April 2017 to June 2017 Outlooks (refer to OCOF #114):
Nino 3.4 – January to February 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
August to October 2017**

Predictors and Period used: Nino 3.4 May – June 2017

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	62	335.0	38		2.4	55.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	41	230.0	31	426.0	28	0.5	38.8

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	18	228	21	450	61		

Summary Statements

Rainfall for June 2017:

Rainfall for June 2017 was below normal.

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

Rainfall for April to June 2017 was below normal.

The outlook showed equal likelihood of Normal and above normal rainfall. Below normal is least likely.

Verification for the outlook is near-consistent.

Outlooks for August to October 2017:

1. SCOPIC:

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

2. POAMA:

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