

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 107

Country Name: NIUE

TABLE 1: Monthly Rainfall

Station (include data period)	July 2016						
	May 2016 Total	June 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport (1950-2016)	70.1	75.4	57.7	55.7	123.2	87.0	25/66

TABLE 2: Three-monthly Rainfall May to July 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #103]

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	203.2	252.0	397.7	311.0	14/67	41/45/14 (0.1)	Near-Consistent

Period: *below normal/normal/above normal

Predictors and Period used for May to July 2016 Outlooks (refer to OCOF #103):

Nino 3.4 - February to March 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
September to November 2016**

Predictors and Period used: [Nino 3.4 – June to July 2016](#)

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	53	355.0	47		15.2	65.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	34	302.0	37	447.3	29	11.2	50.0

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
September to November 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	39	267	6	474	55		

Summary Statements

Rainfall for July 2016:

July rainfall was normal.

Accumulated rainfall for May to July 2016, including outlook verification:

Rainfall outlook for May to July was below normal.

The outlook favoured normal rainfall.

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

Outlooks for September to November 2016:

1. SCOPIC:

The outlook offers little guidance for September to November as the chances of above-normal, normal and below-normal rainfall are similar. Confidence in the outlook is good.

2. POAMA:

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