

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 86

Country Name: Niue Island

TABLE 1: Monthly Rainfall

Station (include data period)	October 2014						
	August 2014 Total	September 2014 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	48.8	20.4	154.8	66.0	178.6	105.5	39/65

**TABLE 2: Three-monthly Rainfall
August to October 2014**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #82]

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	224.0	240.0	433.6	336.5	20/65	44/27/29 (2.9)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for August to October 2014 Outlooks (refer to OCOF #82):

Predictor: Nino 3.4

Period: May – June 2014

* 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 December 2014 to February 2015

Predictors and Period used: Predictor: NINO 3.4

Periods: September to October

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	63	681.0	37		19.3	64.1

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	44	610.0	30	823.6	26	17.7	53.1

TABLE 4: Seasonal Climate Outlooks using POAMA2 for December 2014 to February 2015

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	37	611	21	713	42		

Summary Statements

Rainfall for October 2014:

- October rainfall was “**Normal**” at Hanan Airport.

Accumulated rainfall for August to October 2014, including outlook verification:

- Rainfall for August to October 2014 was “**Below Normal**”.
- The three months rainfall outlook for August to October 2014 using NINO 3.4 as the predictor was “**Below Normal**”.
- The three months outlook was “**Consistent**” with the observed rainfall.

Outlooks for December 2014 to February 2015:

1. SCOPIC:

- The Hanan Airport outlook for February to April shows the most likely outcome is below-normal, with normal the next most likely.
- Confidence in the outlook is high.

2. POAMA:

- The POAMA outlook for December 2014 to February 2015 shows the mostly likely outcome is “**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: $X \geq 35$