

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 98

Country Name: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	October 2015						
	August 2015 Total	September 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	88.3	52.4	51.3	66.3	175.7	106.9	18/66

TABLE 2: Three-monthly Rainfall August to October 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #94]

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	192.0	233.3	431.1	335.0	13/66	70/17/13 (7.5)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for August to October 2015 Outlooks (refer to OCOF #94):

Predictors Nino 3.4 – Period May to June 2015

* 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 2015 to February 2016**

Predictors and Period used: Niue

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	93	681	7		23.2	67.7

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	91	597.3	6	808.1	3	18.3	53.8

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
December 2015 to February 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	94	611	5	713	1		

Summary Statements

Rainfall for October 2015:

October rainfall was **below normal**.

Accumulated rainfall for August to October 2015, including outlook verification:

- Rainfall for August to October was **below normal**.
- The seasonal rainfall outlook for August to October favours **below normal** rainfall.
- Verification for the outlook is **consistent** with the observed below normal rainfall.

Outlooks for December 2015 to February 2016:

1. SCOPIC:

- The SCOPIC outlook for December 2015 to February 2016 favours **below normal** rainfall.
- Confidence in the outlook is **high**.

2. POAMA:

- The POAMA outlook for December 2015 to February 2016 favours **below 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: $X \geq 35$