

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 96

Country Name: Niue Island

TABLE 1: Monthly Rainfall

Station (include data period)	August 2015						
	June 2015 Total	July 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	44.4	26.2	88.3	46.5	103.7	76.0	38/66

TABLE 2: Three-monthly Rainfall June to August 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #92]

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	158.9	223.0	337.9	274.0	12/66	34/38/28 -1.4	Inconsistent

Period: *below normal/normal/above normal

Predictors and Period used for June to August 2015 Outlooks (refer to OCOF #92):

NINO 3.4 – March to April 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
October to December 2015**

Predictors and Period used: Nino 3.4 – July to August 2015.

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	86	448	14		12.8	66.2

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	85	372.6	9	528.9	6	15.0	56.9

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

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	88	344	6	528	6		

Summary Statements

Rainfall for August 2015:

- August rainfall was “**Normal**”

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

- Rainfall for June-August 2015 was “**Below Normal**”.
- The outlook for June-August 2015 showed little guidance as the chance of **above normal, normal** and **below normal** rainfall were similar.
- Verification for the outlook was **inconsistent** with the observed **below normal** rainfall.

Outlooks for October to December 2015:

1. SCOPIC:

- The seasonal rainfall outlook for October-December favours **below normal**, with **normal** the most likely. The least likely outcome is **above normal** rainfall.
- Confidence in the outlook is **good**.

2. POAMA:

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