

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 91

Country Name: *Niue Island*

TABLE 1: Monthly Rainfall

Station (include data period)	March 2015						
	January 2015 Total	February 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	165.7	266.9	168.3	194.1	313.0	248.0	17/66

TABLE 2: Three-monthly Rainfall January 2015 to March 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #87]

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	600.9	637.7	953.7	803.0	21/66	47/33/20 (15.2)	Consistent

Period: *below normal/normal/above normal

Predictors and Period used for January to March 2015 Outlooks (refer to OCOF #87):

**Periods – October to November 2014
Predictors – NINO 3.4**

* 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
May to July 2015**

Predictors and Period used: Periods – February to March 2015

Predictors – NINO 3.4

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	58	312.0	42		2.1	55.4

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	37	253.0	37	398.3	26	1.2	29.2

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
May to July 2015**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	45	274	50	362	5		

Summary Statements

Rainfall for March 2015:

- March rainfall was **Below Normal**.

Accumulated rainfall for January to March 2015, including outlook verification:

- Rainfall for January 2015 – March 2015 was **Below Normal**.
- The Outlook for January 2015 – March 2015 showed the most likely outcome is **Below Normal**, with **Normal** the next most likely. The least likely category is **Above Normal**.
- Verification for the outlook is **consistent** with the observed below normal rainfall.

Outlooks for May to July 2015:

1. SCOPIC:

- The seasonal rainfall outlook for May to July shows the most likely outcome is biased towards **Below Normal** to **Normal** rainfall conditions. The least likely category is Above Normal.
- Confidence in the outlook is **low**

2. POAMA:

- The POAMA outlook for May to July 2015 shows the mostly likely outcome is **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: $X \geq 35$