

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 127

Country Name: Hanan Airport

TABLE 1: Monthly Rainfall

Station (include data period)	March 2018						
	January 2018 Total	February 2018 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
Hanan Airport	268.3	215.2	276.4	194.2	310.3	248.0	38/69

**TABLE 2: Three-monthly Rainfall
January to March 2018**

[Please note that the data used in this verification should be sourced from table 3 of OCOF #123]

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	759.9	637.7	953.7	790.0	31/69	22/36/42 (13.4)	Near-consistent

Period: *below normal/normal/above normal

Predictors and Period used for January to March 2018 Outlooks (refer to OCOF #123):

Nino 3.4 SST Anomalies for October to November 2017.

* 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 2018**

Predictors and Period used: Nino 3.4 SST Anomalies for February - March 2018

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
Hanan Airport	42	308.0	58		2.3	57.4

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	67%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
Hanan Airport	28	252.0	32	389.7	40	1.2	38.2

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
May to July 2018**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	67%ile rainfall (mm)	Upper Tercile (prob)		
Hanan Airport	33	274	40	362	27		

Summary Statements

Rainfall for March 2018:

Rainfall for March was normal.

Accumulated rainfall for January to March 2018, including outlook verification:

Accumulated rainfall for January to March 2018 was normal. Outlook showed above normal rainfall as the most likely outcome, with normal the next most likely. Below normal is the least likely. Verification of the outlook was near-consistent.

Outlooks for May to July 2018:

1. SCOPIC:

Seasonal outlook for May to July 2018 shows above normal rainfall as the most likely outcome, with normal the next most likely. Below normal is the least likely.

2. POAMA:

POAMA outlook for May to July 2018 outlook shows normal as the most likely outcome, with below normal the next most likely.

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: $X \geq 35$