

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 130

Country: Niue

TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2018	May-2018	Jun-2018				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Hanan Airport (1905-2018)	269.7	133.6	103.8	45.3	103.3	74.7	76/113

**TABLE 2: Three-month Rainfall for April to June 2018**

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 Jan-Feb 2018				Verification: Consistent, Near-consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Hanan Airport (1905-2018)	507.1	Normal	350.7	525.6	442.0	77/112	22	40	38	4	Consistent

**TABLE 3: Seasonal Climate Outlooks using SCOPIC for August to October 2018**

**Predictor and Period used: NINO3.4 SST Anomalies for May to June 2018**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2018)	54	324.0	46		7	62

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Hanan Airport (1905-2018)	36	260.5	31	394.5	33	5	41

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for August to October 2018**

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Hanan Airport	42	228.0	9	450.0	49

**Summary Statements****Rainfall for June 2018:**

Rainfall for June 2018 at Hanan Airport was above-normal.

**Accumulated rainfall for April to June 2018, including outlook verification:**

Accumulated rainfall for April to June 2018 was normal. The outlook showed normal rainfall; verification was consistent.

**Outlooks for August to October 2018:****1. SCOPIC:**

The rainfall outlook for Hanan Airport for August to October 2018 offers little guidance as the chances for above-normal, normal and below-normal are similar.

**2. POAMA:**

Rainfall outlook for August to October 2018 show above normal as the most likely outcome, with below normal the next most likely. Normal is the least 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:  $X \geq 35$