

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 131

Country: Marshall Islands

TABLE 1: Monthly Rainfall

Station (include data period)	May-2018	Jun-2018	Jul-2018				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2018)	554.1	422.1	403.4	265.4	360.3	302.1	55/65
Kwajalein (1945-2018)	567.2	400.1	225.6	222.8	284.6	250.8	28/74

TABLE 2: Three-month Rainfall for May to July 2018

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities* based on NINO3.4 Feb-Mar 2018				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Majuro (1954-2018)	1379.6	Above normal	779.4	940.0	838.1	64/64	33	28	39	0	Consistent
Kwajalein (1945-2018)	1192.9	Above normal	582.9	799.0	690.6	73/74	28	37	35	-1	Near- consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for September to November 2018
Predictor and Period used: NINO3.4 for June to July 2018

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Majuro (1954-2018)	57	991.5	43		6	63
Kwajalein (1945-2018)	54	851.7	46		1	56

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)	LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Majuro (1954-2018)	37	901.2	35	1091.7	28	2	30
Kwajalein (1945-2018)	37	788.4	35	933.7	28	3	38

TABLE 4: Seasonal Climate Outlooks using POAMA2 for September to November 2018

Station	Below Normal (prob)	33%ile Rainfall (mm)	Normal (prob)	67%ile Rainfall (mm)	Above Normal (prob)
Majuro	67	877.0	15	1017.0	18
Kwajalein	58	780.0	9	884.0	33

Summary Statements

Rainfall for July 2018:

Majuro recorded above-normal rainfall for the Month of July while Kwajalein recorded normal rainfall.

Accumulated rainfall for May to July 2018, including outlook verification:

Above-normal was recorded at both stations for the period of May to July. Majuro recorded the highest rainfall, while Kwajalein recorded the 2nd highest rainfall for period.

The outlook verification was consistent for Majuro and near-consistent for Kwajalein. The skill for both stations was low.

Outlooks for September to November 2018:

1. SCOPIC:

The outlook offers little guidance for both stations, as the chances of above-normal, normal, and below-normal are similar.

2. POAMA:

The outlook favours below-normal rainfall for both Majuro and Kwajalein.

Stakeholder Engagement- Evaluations of how effectively we engage with stakeholders

Country	Date	Stakeholder	Total Number of Participants	Number of male	Number of female