

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 95

Country Name: Republic of the Marshall Islands (RMI)

TABLE 1: Monthly Rainfall

Station (include data period)	July 2015						
	May 2015 Total	June 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
MAJURO	438.7	160.3	246.9	269.3	361.3	302.1	17/62
KWAJALEIN	347.7	206.2	261.1	222.6	289.7	250.8	41/71

TABLE 2: Three-monthly Rainfall May to July 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #91]

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?)
MAJURO	845.9	784.7	951.1	843.5	31/61	33%/39%/28% (-1.0%)	Consistent
KWAJALEIN	815.0	582.9	799.0	698.1	53/71	38%/28%/34% (-0.4%)	Inconsistent

Period: *below normal/normal/above normal

Predictors and Period used for May to July 2015 Outlooks (refer to OCOF #91):
NINO3.4SST Anomalies (February-March 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
September to November 2015**

Predictors and Period used: NINO3.4SST Anomalies (June-July 2015)

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
MAJURO	76%	988.7	24%		6.2%	63.9%
KWAJALEIN	66%	845.6	34%		0.9%	53.8%

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
MAJURO	45%	901.2	41%	1087.0	14%	1.9%	27.9%
KWAJALEIN	50%	787.5	39%	930.8	11%	4.2%	33.8%

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for
September to November 2015**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
MAJURO	39%	877.0	13%	1017.0	48%		
KWAJALEIN	64%	780.0	15%	884.0	21%		

Summary Statements

Rainfall for July 2015:

Below normal rainfall was recorded at Majuro and normal rainfall was recorded at Kwajalein for July 2015.

Accumulated rainfall for May to July 2015, including outlook verification:

Normal rainfall was recorded at Majuro and above normal was recorded at Kwajalein over May to July 2015. Outlook verification was consistent for Majuro but inconsistent for Kwajalein.

Outlooks for September to November 2015:

1. SCOPIC:

The seasonal rainfall outlook for September to November shows the most likely outcome is below-normal normal, with normal rainfall the next most likely at Majuro. The Kwajalein outlook favours below-normal rainfall, with normal the next most likely. Above-normal rainfall is least likely for both locations.

2. POAMA:

For Majuro: The seasonal rainfall outlook for September to November shows the most likely outcome is above normal rainfall, with below normal the next most likely.

For Kwajalein: The seasonal rainfall outlook for September to November favours below-normal, with above-normal the next most likely. The least likely category 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: $X \geq 35$