

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 94

**Country Name:** Republic of the Marshall Islands (RMI)

### TABLE 1: Monthly Rainfall

Station (include data period)	June 2015						
	April 2015 Total	May 2015 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
MAJURO	386.8	438.7	160.3	250.4	332.0	291.1	6/62
KWAJALEIN	430.3	347.7	206.2	176.3	264.7	205.1	37/71

### TABLE 2: Three-monthly Rainfall April to June 2015

[Please note that the data used in this verification should be sourced from table 3 of OCOF #90]

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	985.8	669.4	955.1	838.5	43/61	37%/36%/21% (0.3%)	Inconsistent
KWAJALEIN	984.2	524.1	715.6	612.2	64/71	36%/34%/30% (-0.1%)	Inconsistent

Period: \*below normal/normal/above normal

Predictors and Period used for April to June 2015 Outlooks (refer to OCOF #90):  
NINO3.4SST Anomalies (January to February 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 August to October 2015**

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

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
MAJURO	74%	971.9	26%		4.6%	5.9%
KWAJALEIN	54%	851.9	46%		-1.5%	38.5%

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
MAJURO	48%	879.4	40%	1027.2	12%	5.9%	37.7%
KWAJALEIN	33%	731.3	43%	902.3	24%	-2%	21.5%

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for August to October 2015**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
MAJURO	30%	829.0	18%	1026.0	52%		
KWAJALEIN	61%	767.0	27%	899.0	12%		

## **Summary Statements**

### **Rainfall for June 2015:**

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

### **Accumulated rainfall for April to June 2015, including outlook verification:**

Above normal rainfall was recorded at both Majuro and Kwajalein over April to June 2015. Outlook verification was inconsistent for both stations.

### **Outlooks for August to October 2015:**

#### **1. SCOPIC:**

Below normal is favoured at Majuro with normal rainfall the second most likely category. For Kwajalein, the most likely outcome is normal rainfall with below normal the second most likely category.

#### **2. POAMA:**

The seasonal rainfall outlook for August to October shows above normal rainfall the most likely outcome for Majuro while below normal at Kwajalein. The second most likely category is below normal at Majuro and normal rainfall at Kwajalein.

**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:  $X \geq 35$