

## Pacific Islands - Online Climate Outlook Forum (OCOF) No. 107

**Country Name:** Republic of the Marshall Islands

### TABLE 1: Monthly Rainfall

Station (include data period)	July 2016						
	May 2016 Total	June 2016 Total	Total	33%tile Rainfall (mm)	67%tile Rainfall (mm)	Median Rainfall (mm)	Ranking
MAJURO	282.4	184.7	256.3	265.4	360.3	301.5	19/62
KWAJALEIN	96.5	249.2	253.0	222.8	288.7	252.6	37/71

### TABLE 2: Three-monthly Rainfall May to July 2016

[Please note that the data used in this verification should be sourced from table 3 of OCOF #103]

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	723.4	786.6	949.9	845.9	12/62	28%/58%/14% (-0.7%)	Near Consistent
KWAJALEIN	598.7	586.1	800.1	705.6	26/71	59%/15%/26% (0.2%)	Near Consistent

Period: \*below normal/normal/above normal

**Predictors and Period used for May to July 2016 Outlooks (refer to OCOF #103):  
2 Months NINO3.4SST February to March 2016**

\* 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 2016**

**Predictors and Period used: 2 Months NINO3.4 SST June-July 2016**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS	Hit-rate
MAJURO	52%	988.5	48%		9.7%	66.1%
KWAJALEIN	51%	839.5	49%		2.1%	54.5%

Station	Below Normal (prob)	33%ile rainfall (mm)	Normal (prob)	66%ile rainfall (mm)	Above Normal (prob)	LEPS	Hit-rate
MAJURO	34%	891.9	35%	1083.0	31%	3.4%	43.5%
KWAJALEIN	35%	787.8	35%	930.6	30%	4.1%	36.4%

**TABLE 4: Seasonal Climate Outlooks using POAMA2 for  
September to November 2016**

Station	Lower Tercile (prob)	33%ile rainfall (mm)	Middle Tercile (prob)	66%ile rainfall (mm)	Upper Tercile (prob)		
MAJURO	94%	877.0	5%	1017.0	1%		
KWAJALEIN	79%	780.0	16%	884.0	5%		

## **Summary Statements**

### **Rainfall for July 2016:**

Below normal rainfall was recorded at Majuro and normal rainfall was recorded at Kwajalein.

### **Accumulated rainfall for May to July 2016, including outlook verification:**

Below normal rainfall was recorded at Majuro and normal rainfall was recorded at Kwajalein. Verification was near consistent at both stations.

### **Outlooks for September to November 2016:**

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

The seasonal rainfall outlook for September to November 2016 offers little guidance as the chances of above-normal, normal and below-normal rainfall are similar at both stations.

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

The seasonal rainfall outlook for next three months shows the most likely outcome is below normal rainfall with normal rainfall the next most likely outcome at both stations.

**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:  $X \geq 35$