

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 154

Country: Republic of the Marshall Islands (RMI)

TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2020	May-2020	Jun-2020				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2020)	354.3	400.8	325.9	246.8	331.3	289.2	42/67
Kwajalein (1945-2020)	194.1	156.2	154.7	179.0	267.9	206.2	16/76

TABLE 2: Three-month Rainfall for April to June 2020

Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 January-February 2020				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Majuro (1954-2020)	1081.0	Above normal	672.1	963.7	835.7	56/67	36	36	28	1	Near-consistent
Kwajalein (1945-2020)	505.0	Normal	502.9	716.2	610.1	26/76	38	32	30	2	Near-consistent

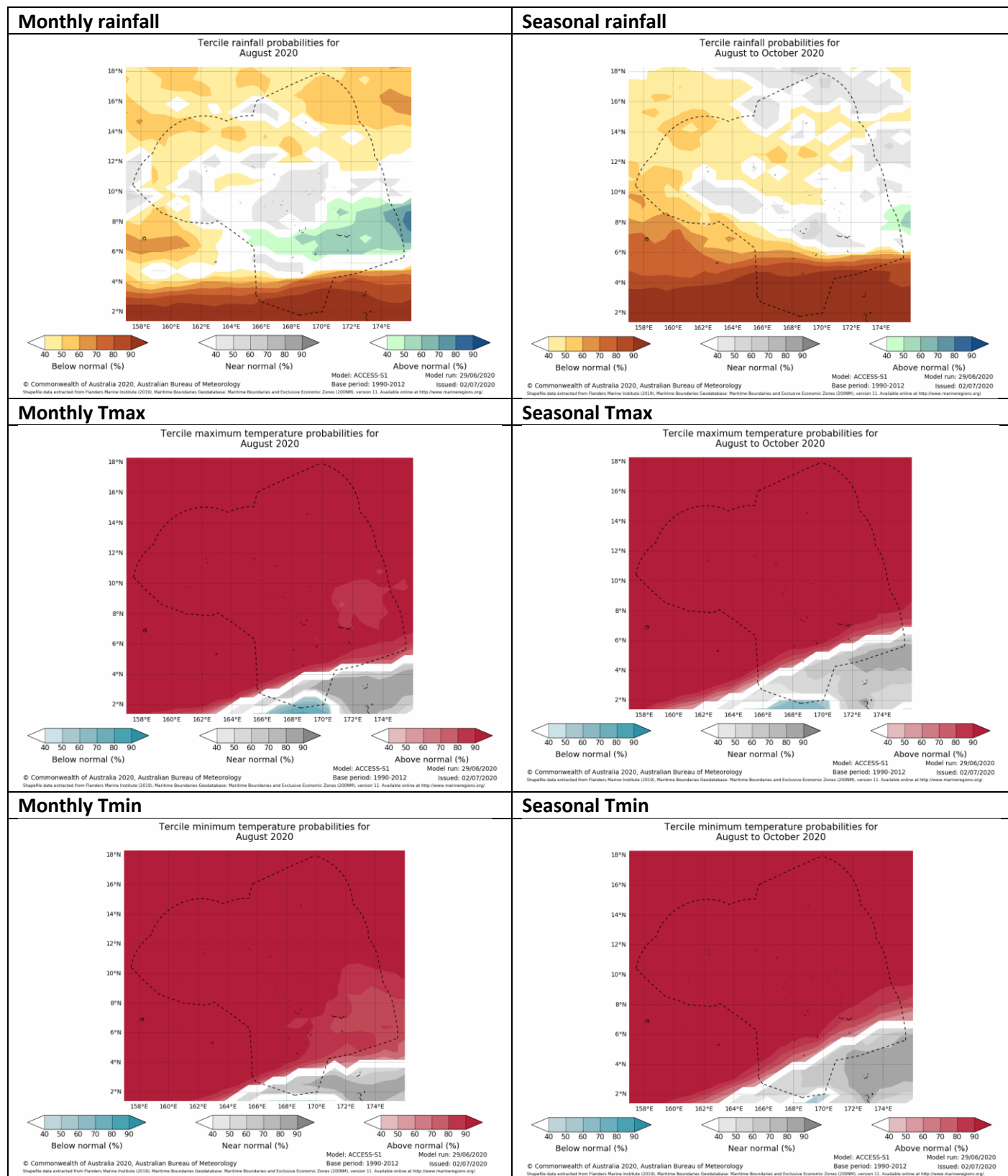
TABLE 3: Seasonal Climate Outlooks using SCOPIC for August to October 2020**Predictor and Period used: NINO3.4 for May to June 2020**

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Majuro (1954-2020)	48	972.1	52		2	59
Kwajalein (1945-2020)	50	857.2	50		-2	21

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 (1954-2020)	33	880.1	33	1030.2	34	2	36
Kwajalein (1945-2020)	34	747.7	32	903.7	34	-2	39

Monthly and Seasonal Climate Outlooks using ACCESS-S for August to October 2020

The maps are provided in the PowerPoint document labelled ACCESS-S outlooks_2020-06



Summary Statements

Rainfall for June 2020:

Majuro recorded normal rainfall, while Kwajalein recorded below normal rainfall for the month of June 2020.

Accumulated rainfall for April to June 2020, including outlook verification:

For the April to June period, Majuro recorded above normal rainfall while Kwajalein recorded normal rainfall.

The verification of the outlook issued in March was near-consistent at both stations.

Outlooks for August to October 2020:

1. SCOPIC:

The seasonal outlook for Majuro and Kwajalein offers little guidance as the chances of above normal, normal and below normal rainfall are similar.

2. ACCESS-S:

Monthly rainfall:

The monthly outlook for August favours wetter than average across southern RMI, including Majuro, while near average is the most likely outcome in the central parts, including Kwajalein.

Monthly maximum and minimum temperatures:

The outlook for August favours above normal temperatures at both Majuro and Kwajalein.

Seasonal rainfall:

The seasonal outlook for August to October 2020 for both Majuro and Kwajalein shows near average rainfall as the most likely outcome.

Seasonal maximum minimum temperatures:

The seasonal outlook at both Majuro and Kwajalein favours above normal temperatures for August to October 2020.

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: $X \geq 35$

Table: 5 Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: June 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	06/12/2020	Chief Secretary Office (CSO) and National Disaster Management Office (NDMO)	5	2	3
Ocean Bulletin					
Total			5	2	3