

Pacific Islands - Online Climate Outlook Forum (OCOF) No. 155

Country: Marshall Islands

TABLE 1: Monthly Rainfall

Station (include data period)	May-2020	Jun-2020	Jul-2020				
			Total (mm)	33%tile	67%tile	Median	Rank
	Total (mm)	Total (mm)	Rainfall (mm)				
Majuro (1954-2020)	400.8	325.9	326.9	261.7	359.3	301.5	40/67
Kwajalein (1945-2020)	156.2	154.7	224.0	221.0	282.5	248.9	29/76

TABLE 2: Three-month Rainfall for May to July 2020

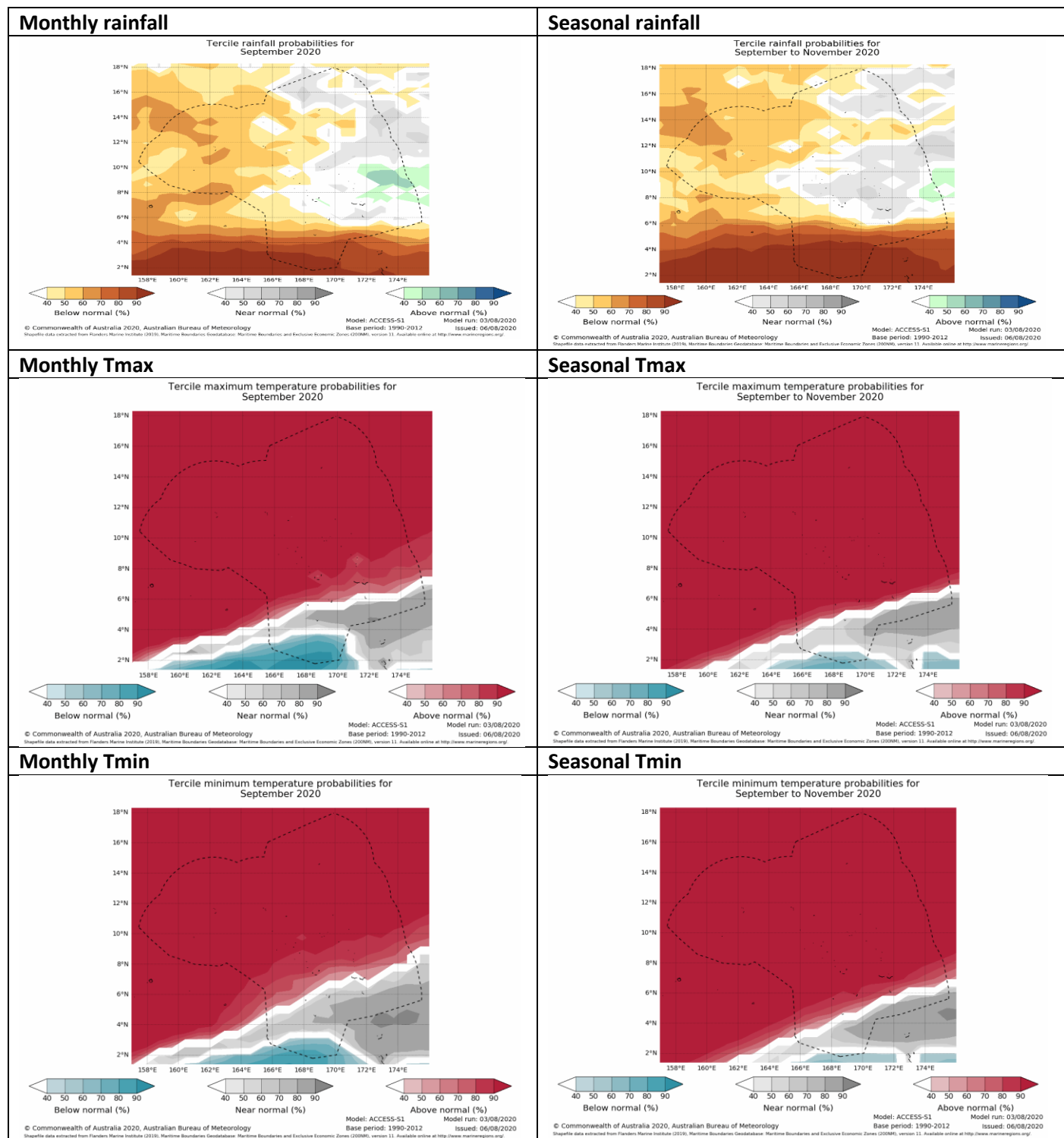
Station	Three-month Total		33%tile	67%tile	Median	Rank	SCOPIC forecast probabilities based on NINO3.4 February-March 2020				Verification: Consistent, Near- consistent, Inconsistent?
	Rainfall (mm)						B-N	N	A-N	LEPS	
Majuro (1954-2020)	1053.6	Above normal	782.7	944.9	845.9	53/66	34	37	29	0	Near-consistent
Kwajalein (1945-2020)	534.9	Below normal	582.6	799.5	690.6	18/76	37	31	32	0	consistent

TABLE 3: Seasonal Climate Outlooks using SCOPIC for September to November 2020
Predictor and Period used: NINO3.4 for June to July 2020

Station	Below Median (prob)	Median Rainfall (mm)	Above Median (prob)		LEPS (%) [whole numbers]	Hit-rate (%) [whole numbers]
Majuro (1954-2020)	48	991.5	52		5	61
Kwajalein (1945-2020)	49	839.5	51		2	57

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)	32	896.5	34	1088.6	34	3	29
Kwajalein (1945-2020)	32	788.0	34	931.8	34	4	39

Monthly and Seasonal Climate Outlooks using ACCESS-S for September to November 2020



Summary Statements

Rainfall for July 2020:

Normal rainfall was recorded at both Majuro and Kwajalein for the month of July.

Accumulated rainfall for May to July 2020, including outlook verification:

For the period of May to July, Majuro recorded above normal rainfall while Kwajalein recorded below normal rainfall.

The verification of the outlook issued in April was near-consistent at Majuro, while consistent at Kwajalein.

Outlooks for September to November 2020:

1. SCOPIC:

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

2. ACCESS-S:

Monthly rainfall:

The monthly outlook for September favours below normal rainfall in the west to northwest of the Marshall Islands as well as the far south. In the east, there are a few areas where near normal or above normal are most likely, but there is little guidance for large sections, including Majuro. Below normal rainfall is the most likely at Kwajalein.

Monthly maximum/minimum temperatures:

The outlook for September favours above normal maximum temperatures at both Majuro and Kwajalein, as well as most of the Marshall Islands, apart from the southeast quarter where the chances grade from favouring near-normal to below normal in the southernmost region. The pattern for minimum temperatures is very similar, although Majuro is in a small section where there's little guidance. At Kwajalein, the outlook favours an above normal monthly minimum temperature.

Seasonal rainfall:

The seasonal outlook for September to November 2020 favours below normal in the west and south, with little guidance or near normal indicated in remaining areas. Near normal rainfall is the most likely outcome at Majuro, while there's little guidance for Kwajalein.

Seasonal maximum/minimum temperatures:

The seasonal outlook at both Majuro and Kwajalein favours above normal temperatures for September to November 2020. This is also the case for most of RMI, apart from the far south to southeast where near-normal seasonal temperatures are the most likely outcomes.

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: July 2020	Stakeholder	Total Number of Participants	Number of male	Number of female
Climate Bulletin					
EAR Watch					
Monthly Climate Briefing	07/17/2020	Chief Secretary Office (CSO) and National Disaster Management Office (NDMO)	5	2	3
Ocean Bulletin					
Total			5	2	3