

6.9 Pacific Islands - Ocean and Climate Outlook Forum (OCOF) No. 202

Country: Nauru

Part 1: Recent climate

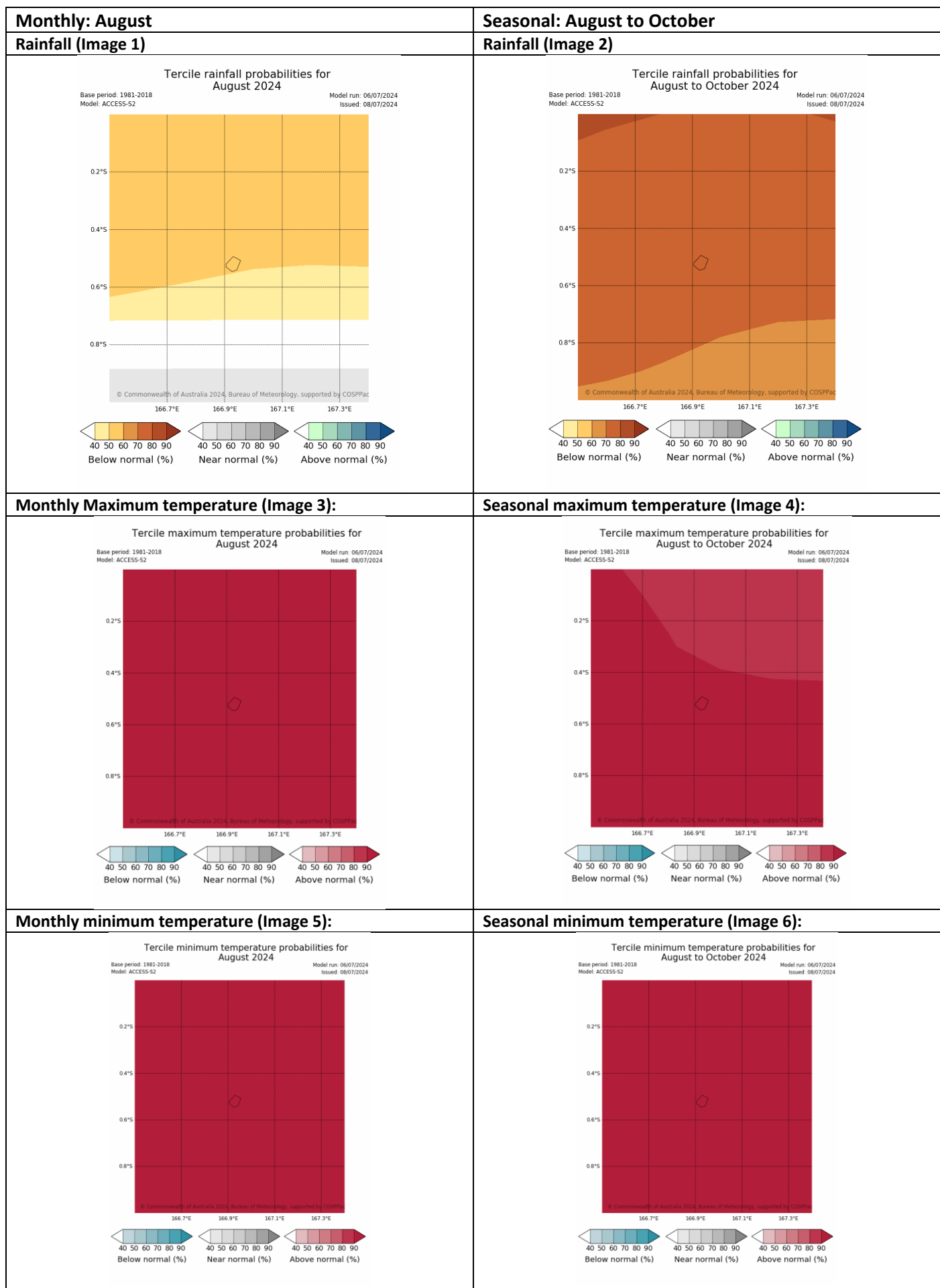
TABLE 1: Monthly Rainfall

Station (include data period)	Apr-2024	May-2024	Jun-2024				Rank
			Total (mm)	33%tile	67%tile	Median	
	Total (mm)	Total (mm)	Rainfall (mm)				
Nauru (1927-2024)	94.0	121.7	6.9	73.4	153.7	108.0	3/75

TABLE 2: Three-month Total Rainfall for April to June 2024

Station	Three-month Total		33%tile	67%tile	Median	Rank
	Rainfall (mm)					
Nauru (1927-2024)	222.6	Below normal	276.7	573.9	414.5	27/68

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024



Part 2: Recent Ocean Observation

Monthly/Three months: June 2024 and April to June 2024

Monthly: June 2024	Last three months: April to June 2024:
<p>Sea Surface Temperature (Image 1):</p> <p>Monthly Average Sea Surface Temperature Anomaly: June 2024</p> <p>Nauru</p> <p>Reynolds SST</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p>Sea Surface Temperature (Image 4):</p> <p>3 monthly Average Sea Surface Temperature Anomaly: April 2024 to June 2024</p> <p>Nauru</p> <p>Reynolds SST</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>
<p>Sea level (Image 2):</p> <p>Monthly Near Real Time Sea Level Anomaly: June 2024</p> <p>Nauru</p> <p>AVISO SeaWiFS/QuikSCAT SLA</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	
<p>Daily coral bleaching alert (Image 3):</p> <p>Pacific Ocean</p> <p>Daily Coral Bleaching Alert: 07 July 2024</p> <p>NOAA Coral Reef Watch</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>	<p>Nauru</p> <p>Daily Coral Bleaching Alert: 05 July 2024</p> <p>NOAA Coral Reef Watch</p> <p>©Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p>

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024

Monthly: August	Seasonal: August to October
Monthly sea surface temperature (Image 5):	Seasonal sea surface temperature (Image 6):
<p>Difference from average sea surface temperature forecast for August 2024</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/07/2024 Issued: 08/07/2024</p> <p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Difference from average sea surface temperature forecast for August to October 2024</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/07/2024 Issued: 08/07/2024</p> <p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
Monthly sea level (Image 7):	Seasonal sea level (Image 8):
<p>Difference from average sea surface height forecast for August 2024</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/07/2024 Issued: 08/07/2024</p> <p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>	<p>Difference from average sea surface height forecast for August to October 2024</p> <p>Base period: 1981-2018 Model: ACCESS-S2 Model run: 06/07/2024 Issued: 08/07/2024</p> <p>© Commonwealth of Australia 2024, Bureau of Meteorology, supported by COSPPac</p> <p>--- EEZ border V11 (Flanders Marine Institute, 2019)</p>
4-week Coral Bleaching (Image 9):	
<p>Pacific Ocean 4 Weeks Coral Bleaching Outlook: 21 July 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>	<p>Nauru 4 Weeks Coral Bleaching Outlook: 21 July 2024</p> <p>© Commonwealth of Australia 2024 Australian Bureau of Meteorology, COSPPac</p> <p>NOAA Coral Reef Watch</p>

Summary Statement

Monthly and last three months: June 2024/April to June 2024 statement

The rainfall for June and April to June was below normal for Nauru.

Part 1i. Monthly and Seasonal Outlooks for August and August to October 2024

Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for August is likely to be below normal over Nauru, and near-normal over the southern EEZ. August to October rainfall is very likely to be below normal over Nauru.

Maximum and minimum temperatures during August and average over August to October are very likely to be above normal over Nauru.

Part 2: Recent Ocean summary statement

Monthly and last three months: June 2024/April to June 2024

June ocean temperatures around Nauru were upmost 2.0°C above normal.

Averaged over April to June, ocean temperatures around Nauru were upmost 1.0°C above normal.

June sea levels around Nauru were 50mm to 100mm above normal.

There is a coral bleaching 'Watch' for Nauru.

Part 2i. Monthly and Seasonal Outlooks for August and August to October 2024

Ocean Variable statement

August and averaged over August to October, ocean temperatures around Nauru are predicted to be 0.4 to 1.2°C above normal.

August and averaged over August to October sea levels around Nauru are predicted to be -30mm to 30mm near normal.

Coral bleaching outlook shows 'Alert Level 1' for the next four weeks.

IN BRIEF for Teleconference

- Rainfall was below normal for June and April to June.
- Rainfall is likely or very likely to be below normal in August and August to October.
- SSTs were above normal for June and April to June. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for June. Near-normal sea surface heights are predicted for August and August to October.
- 4-week coral bleaching outlook is at 'Alert level 1' for majority of Nauru's waters.

TABLE 3: Stakeholder Engagement- Evaluations of how effective NMS engage with stakeholders

Product	Date: June 2024	Stakeholder	Total Number of Participants	Number of Male	Number of Female	Comments (If there are comments from you Stakeholders)
Climate Bulletin						
EAR Watch						
Monthly Climate Briefing						
Ocean Outlook						
Climate data request						
Total						