

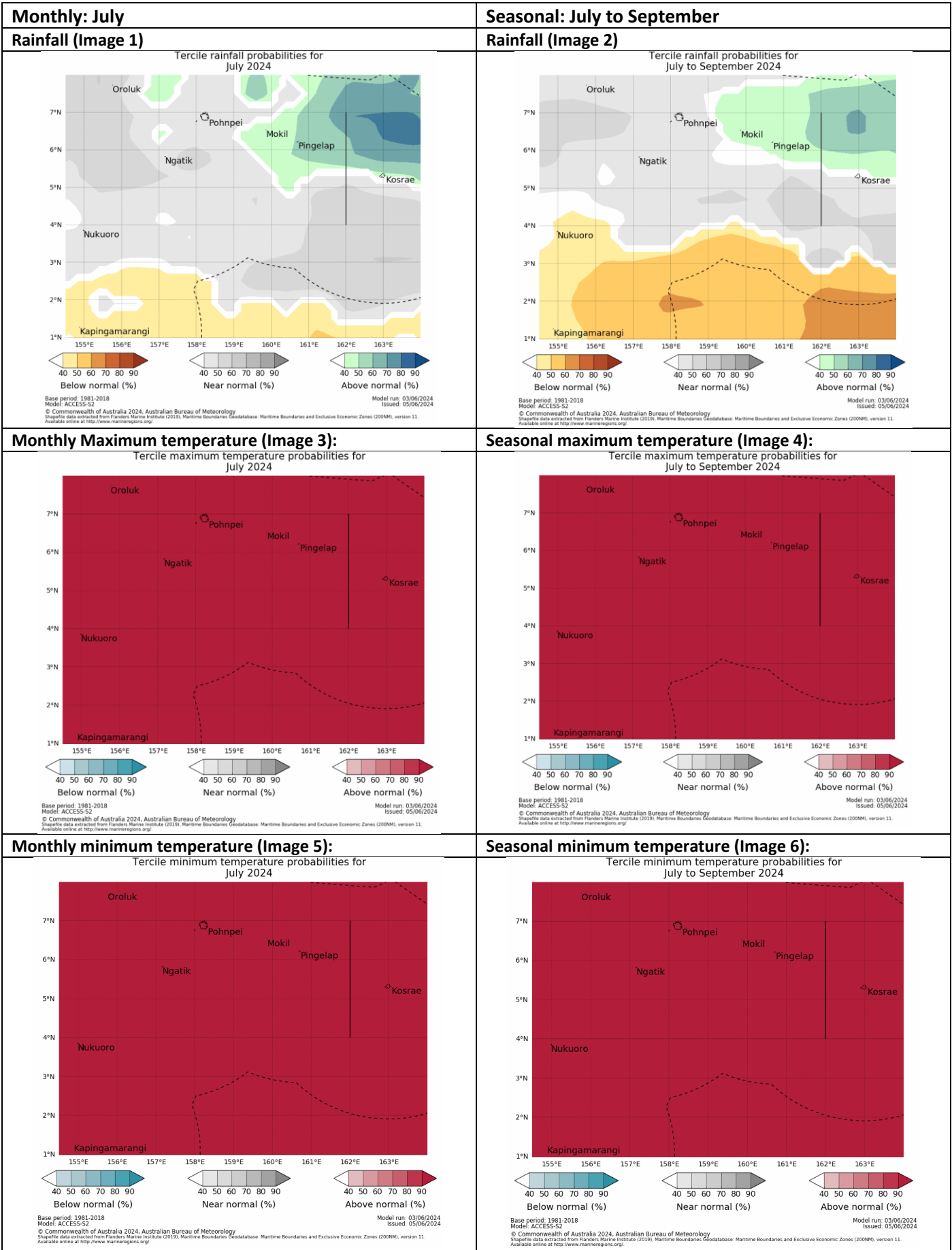
TABLE 1: Monthly Rainfall

| Station (include data period) | Mar-2024   | Apr-2024   | May-2024      |         |         |        |       |
|-------------------------------|------------|------------|---------------|---------|---------|--------|-------|
|                               |            |            | Total (mm)    | 33%tile | 67%tile | Median | Rank  |
|                               | Total (mm) | Total (mm) | Rainfall (mm) |         |         |        |       |
| Pohnpei (1945-2024)           | 305.3      | 542.5      | 611.4         | 425.5   | 566.9   | 503.9  | 59/74 |
|                               |            |            |               |         |         |        |       |
| Kosrae (1954-2024)            | 389.6      | 371.9      | 557.8         | 384.2   | 531.5   | 454.4  | 40/55 |

TABLE 2: Three-month Rainfall for March to May 2024

| Station             | Three-month Total |        | 33%tile | 67%tile | Median | Rank  |
|---------------------|-------------------|--------|---------|---------|--------|-------|
|                     | Rainfall (mm)     |        |         |         |        |       |
| Pohnpei (1945-2024) | 1459.2            | Normal | 1219.0  | 1492.5  | 1357.1 | 47/74 |
|                     |                   |        |         |         |        |       |
| Kosrae (1954-2024)  | 1319.3            | Normal | 1283.7  | 1607.2  | 1410.8 | 21/51 |

Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024



Part 2: Recent Ocean Observation

Monthly/Three months: May 2024 and March to May 2024

|                                                                                                                                                                                         |                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Monthly: May 2024</b></p>                                                                                                                                                         | <p><b>Last three months: March to May 2024:</b></p>                                                                                                                                                     |
| <p><b>Sea Surface Temperature (Image 1):</b></p>                                                                                                                                        | <p><b>Sea Surface Temperature (Image 4):</b></p>                                                                                                                                                        |
| <p>Federated States of Micronesia<br/>Monthly Average Sea Surface Temperature Anomaly: May 2024</p> <p>©Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology COSPPac</p> | <p>Federated States of Micronesia<br/>3 monthly Average Sea Surface Temperature Anomaly: March 2024 to May 2024</p> <p>©Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology COSPPac</p> |
| <p><b>Sea level (Image 2):</b></p>                                                                                                                                                      |                                                                                                                                                                                                         |
| <p>Federated States of Micronesia<br/>Monthly Near Real Time Sea Level Anomaly: May 2024</p> <p>©Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology COSPPac</p>        |                                                                                                                                                                                                         |
| <p><b>Daily coral bleaching alert (Image 3):</b></p>                                                                                                                                    |                                                                                                                                                                                                         |
| <p>Federated States of Micronesia<br/>Daily Coral Bleaching Alert: 07 June 2024</p> <p>©Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology COSPPac</p>                 | <p>Pacific Ocean<br/>Daily Coral Bleaching Alert: 07 June 2024</p> <p>©Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology COSPPac</p> <p>NOAA Coral Reef Watch</p>                     |

Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024

| Monthly: July                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Seasonal: July to September                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Monthly sea surface temperature (Image 5):</div> <div><p>Difference from average sea surface temperature forecast for July 2024</p><p>Base period: 1981-2018<br/>Model: ACCESS-S2<br/>© Commonwealth of Australia 2024, Australian Bureau of Meteorology<br/>Shapelite data extracted from Flinders Marine Institute (2019). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2009M), version 11. Available online at <a href="http://www.marinegaps.org/">http://www.marinegaps.org/</a></p><p>Model run: 03/06/2024<br/>Issued: 05/06/2024</p></div> | <div>Seasonal sea surface temperature (Image 6):</div> <div><p>Difference from average sea surface temperature forecast for July to September 2024</p><p>Base period: 1981-2018<br/>Model: ACCESS-S2<br/>© Commonwealth of Australia 2024, Australian Bureau of Meteorology<br/>Shapelite data extracted from Flinders Marine Institute (2019). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2009M), version 11. Available online at <a href="http://www.marinegaps.org/">http://www.marinegaps.org/</a></p><p>Model run: 03/06/2024<br/>Issued: 05/06/2024</p></div> |
| <div>Monthly sea level (Image 7):</div> <div><p>Difference from average sea surface height forecast for July 2024</p><p>Base period: 1981-2018<br/>Model: ACCESS-S2<br/>© Commonwealth of Australia 2024, Australian Bureau of Meteorology<br/>Shapelite data extracted from Flinders Marine Institute (2019). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2009M), version 11. Available online at <a href="http://www.marinegaps.org/">http://www.marinegaps.org/</a></p><p>Model run: 03/06/2024<br/>Issued: 05/06/2024</p></div>                    | <div>Seasonal sea level (Image 8):</div> <div><p>Difference from average sea surface height forecast for July to September 2024</p><p>Base period: 1981-2018<br/>Model: ACCESS-S2<br/>© Commonwealth of Australia 2024, Australian Bureau of Meteorology<br/>Shapelite data extracted from Flinders Marine Institute (2019). Maritime Boundaries Geodatabase: Maritime Boundaries and Exclusive Economic Zones (2009M), version 11. Available online at <a href="http://www.marinegaps.org/">http://www.marinegaps.org/</a></p><p>Model run: 03/06/2024<br/>Issued: 05/06/2024</p></div>                    |
| <div>4-week Coral Bleaching (Image 9):</div> <div><p>Federated States of Micronesia<br/>4 Weeks Coral Bleaching Outlook: 30 June 2024</p><p>© Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology, COSPPac</p></div>                                                                                                                                                                                                                                                                                                                                                          | <div><p>Pacific Ocean<br/>4 Weeks Coral Bleaching Outlook: 30 June 2024</p><p>© Commonwealth of Australia 2024<br/>Australian Bureau of Meteorology, COSPPac</p><p>NOAA Coral Reef Watch</p></div>                                                                                                                                                                                                                                                                                                                                                                                                          |

## Summary Statement

### Monthly and last three months: May 2024/March to May 2024 statement

The rainfall over Pohnpei and Kosrae was above normal for May, and near-normal for the past three months .

## Part 1i. Monthly and Seasonal Outlooks for July and July to September 2024

### Monthly /Seasonal rainfall and temperature Outlook statements

The rainfall for July is likely to be near-normal over Pohnpei and the outer islands of Oroluk, Ngatik, and Nukuoro. At Kosrae, Mokil, and Pingelap, the outlook shows July's rainfall is likely to be above normal, while in Kapingamarangi July rainfall is likely to be below normal.

The rainfall for July to September is likely to be near-normal over Pohnpei, Kosrae, Oroluk, and Ngatik. Over the outer islands of Mokil, Pingelap, and north of Kosrae, July to September's rainfall is likely to be above normal. Below normal rainfall is likely over Nukuoro and Kapingamarangi over the same period.

Maximum and minimum temperatures during July and averaged over July to September are very likely to be above normal over the country.

## Part 2: Recent Ocean summary statement

### Monthly and last three months: May 2024/March to May 2024

May and averaged over March to May, ocean temperatures around Pohnpei and Kosrae were near normal to 0.5°C to 1.0°C above normal.

May sea levels around Pohnpei and Kosrae were 50mm to 100mm above normal.

There is a coral bleaching 'WATCH' for Pohnpei and Kosrae.

## Part 2i. Monthly and Seasonal Outlooks for July and July to September 2024

### Ocean Variable statement

July and averaged over July to September, ocean temperatures around Pohnpei and Kosrae are predicted to be 0.8 to 1.2°C above normal.

July and averaged over July to September, sea levels around Pohnpei and Kosrae are predicted to be near normal.

Coral bleaching outlook at 'WATCH' for Pohnpei and Kosrae.

### IN BRIEF for Teleconference

- Rainfall at Pohnpei and Kosrae was above normal for May and near-normal for March to May.
- Rainfall is likely to be above normal in the northeastern part of the country, near normal in the central part, and below normal in the south during July and over July to September.
- SSTs were near normal to above normal for May and March to May. The outlook shows above normal SSTs for the next one and three months.
- Sea-surface heights (SSHs) were above normal for May. Near-normal sea surface heights are predicted for July and July to September.

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

| Product                        | Date:<br>May<br>2024 | Stakeholder                                                                                                                                                                                                                                                                       | Total<br>Number of<br>Participants | Number of<br>Male | Number of<br>Female | Comments (If<br>there are<br>comments<br>from you<br>Stakeholders) |
|--------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|---------------------|--------------------------------------------------------------------|
| Climate<br>Bulletin            |                      | Pohnpei Municipal<br>Gov't, Kosrae<br>Municipal Gov't,<br>Pohnpei and<br>Kosrae DCO, Dept.<br>Of Education, Red<br>Cross, Fisheries,<br>Environmental<br>Protection Agency,<br>DECEM, Mayors,<br>Dept. Of Public<br>Safety, Pohnpei<br>Utility Corporation,<br>Tourism, Fisheries | 60                                 | 49                | 11                  |                                                                    |
| EAR Watch                      |                      | Pohnpei Municipal<br>Gov't, Kosrae<br>Municipal Gov't,<br>Pohnpei and<br>Kosrae DCO, Dept.<br>Of Education, Red<br>Cross, Fisheries,<br>Environmental<br>Protection Agency,<br>DECEM, Mayors,<br>Dept. Of Public<br>Safety, Pohnpei<br>Utility Corporation,<br>Tourism, Fisheries | 60                                 | 49                | 11                  |                                                                    |
| Monthly<br>Climate<br>Briefing |                      |                                                                                                                                                                                                                                                                                   |                                    |                   |                     |                                                                    |
| Ocean Outlook                  |                      |                                                                                                                                                                                                                                                                                   |                                    |                   |                     |                                                                    |
| Climate data<br>request        |                      |                                                                                                                                                                                                                                                                                   |                                    |                   |                     |                                                                    |
| <b>Total</b>                   |                      |                                                                                                                                                                                                                                                                                   | <b>60</b>                          | <b>49</b>         | <b>11</b>           |                                                                    |