#### **Seasonal Prediction Project (SPP)**

## Pacific Islands – Ocean and Climate Outlook Forum No. 198 Summary Report

Date: Wednesday 13 March 2024

**Time:** Australian Eastern Daylight Saving Time at 12:00PM (01:00 UTC)

Host: SPREP
Chair: SPREP
Apologies: Tonga

#### Main purpose for the OCOF:

- To provide a regular forum for the 14 participating PIC NMSs to discuss the current ENSO status, recent one and three-month rainfall, drought (if present), their seasonal climate outlooks and stakeholders' engagement with other countries and the SPP (Bureau of Meteorology and SPREP) project team.
- In addition, it serves as an online training forum for recent ACCESS development and gives the project team and the NMSs an opportunity to discuss other project-related matters.

#### Agenda:

- 1. Brief introduction of PIC participants, SPREP, SPC and Bureau of Meteorology teams.
- 2. Report on current ENSO status.
- 3. Each NMS report on their past one and three-months' rainfall in relation to the current ENSO situation (include ranking and verification), their three-month outlooks and their stakeholders engagement. Wherever appropriate NMS to report on their drought status.
- Round-table discussion: addressing general concerns/queries on outlooks and SCOPIC, CliKp and ACCESS-S
- 5. Feedback on COSPPac products and services.
- 6. Country statements with regards to drought or drought-like conditions, drought module issues/concerns.
- 7. The next OCOF will be held on 16 April 2024 with PICOF 14.

#### Participants:

The OCOF 198 was attended by 14 climate officers (6 female) from 8 partner PIC NMSs.

#### Cook Islands:

Fiji: Jasneel Chandra, and Shweta Shiwangni

FSM (Chuuk): Boyd Mackensie

FSM (Pohnpei):

Kiribati: Mwata Keariki

Niue:

Papua New Guinea:
Palau: Kiku Mochimaru

Republic of Marshall Islands: Samson Kaneko

Samoa: Mattaniah Salesa, and Emannuel

Etimani



**Solomon Islands:** 

Tokelau: Mile Fonua

Tonga:

Tuvalu: Kaani Kalepo, Elifaleti Ene, Simoea

Tiute, Leiti Setefano, and Mele Katea

Vanuatu:

Australia: Grant Beard, Grant Smith, and Elise

Chandler NOAA:

SPREP: Philip Malsale and Sinosina Lui

SPC: Moleni Tu'uholoaki

OCOF tables were received from 14 participating countries before the meeting.

#### Observations of December 2023 to February 2024:

Observed rainfall for the one and three-month periods ending February 2024 were discussed for each PIC. This month, several countries experienced extreme rainfall as shown in the following table:

| Station               | Period    | Rainfall<br>Amount<br>(mm) | Rainfall<br>Rank | Years of record |
|-----------------------|-----------|----------------------------|------------------|-----------------|
| Laucala Bay, Fiji     | February  | 506.5                      | 80               | 83              |
| Navua, Fiji           | February  | 534.5                      | 73               | 79              |
| Vunisea, Fiji         | February  | 446.4                      | 85               | 88              |
| Savusavu, Fiji        | February  | 578.5                      | 64               | 64              |
| Laucala Bay, Fiji     | Dec - Feb | 1271.9                     | 76               | 82              |
| Lakeba, Fiji          | Dec - Feb | 1164.5                     | 68               | 76              |
| Vunisea, Fiji         | Dec - Feb | 1004.2                     | 79               | 85              |
| Butaritari, Kiribati  | Dec - Feb | 1706.5                     | 85               | 85              |
| Vanimo, PNG           | February  | 70.0                       | 1                | 69              |
| Auki, Solomon Islands | Dec - Feb | 1582.8                     | 58               | 60              |
| Nui, Tuvalu           | February  | 594.4                      | 73               | 79              |

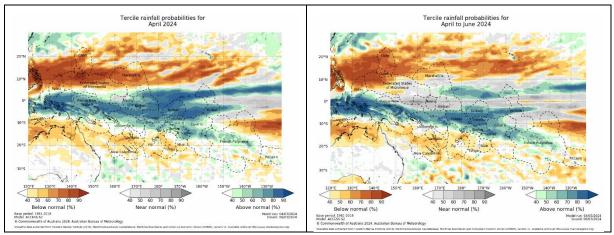
[Note: The above data may not have undergone quality control]

#### **April to June 2024 Outlooks:**

#### ACCESS-S outlooks:

The three-month ACCESS-S rainfall outlook for **April-June 2024** shows rainfall anomalies consistent with a decaying El Niño. A region where above normal is likely or very likely affects regions stretching east-southeast from PNG in the west, across northern Solomon Islands, Kiribati (Phoenix Is plus central and far southern Line Is), Tuvalu, northern Wallis and Futuna, Tokelau, Samoa, American Samoa, the northern and central Cook Is, and central French Polynesia. Another zone where above normal is likely or very likely stretches east from the far northern Gilbert Islands, including the far northern Line Islands.

Below normal is likely or very likely in Guam, CNMI, much of Palau, the western half of FSM, northern RMI, southeast PNG EEZ, northern Australia, far southwest Solomon Is, New Caledonia, Vanuatu, most parts of Fiji, Tonga, Niue, scattered patches in the south of both the Cook Islands and French Polynesia, plus northeast French Polynesia, and much of Pitcairn Is.



|                     | 41-50% | 51-60% | 61-70% | 71-80% | 81-90% | >90% |
|---------------------|--------|--------|--------|--------|--------|------|
| <b>Below normal</b> |        |        |        |        |        |      |
| Near-normal         |        |        |        |        |        |      |
| Above normal        |        |        |        |        |        |      |

| IVIAI              | ch to May 2 |     | CLIKP |
|--------------------|-------------|-----|-------|
| Cook Is North      | ACCESS-S    | C3S | CLIKP |
|                    |             |     |       |
| Cook Is South      |             |     |       |
| Fiji West          |             |     |       |
| Fiji Central       |             |     |       |
| Fiji East          |             |     |       |
| Fiji North         |             |     |       |
| Fiji Rotuma        |             |     |       |
| FSM West           |             |     |       |
| FSM Central        |             |     |       |
| FSM East           |             |     |       |
| Kiribati West      |             |     |       |
| Kiribati Central   |             |     |       |
| Kiribati East      |             |     |       |
| RMI North          |             |     |       |
| RMI Central        |             |     |       |
| RMI South          |             |     |       |
| Nauru              |             |     |       |
| Niue               |             |     |       |
| Palau              |             |     |       |
| PNG Momase         |             |     |       |
| PNG Is             |             |     |       |
| PNG South          |             |     |       |
| PNG Highlands      |             |     |       |
| Samoa              |             |     |       |
| Solomon Is West    |             |     |       |
| Solomon Is Central |             |     |       |
| Solomon Is East    |             |     |       |
| Tonga North        |             |     |       |
| Tonga Central      |             |     |       |
| Tonga South        |             |     |       |
| Tuvalu North       |             |     |       |
| Tuvalu Central     |             |     |       |
| Tuvalu South       |             |     |       |
| Vanuatu North      |             |     |       |
| Vanuatu South      |             |     |       |

| Mar                | ch to May 2 |     |       |  |  |
|--------------------|-------------|-----|-------|--|--|
|                    | ACCESS-S    | C3S | CLIKP |  |  |
| Cook Is North      |             |     |       |  |  |
| Cook Is South      |             |     |       |  |  |
| Fiji West          |             |     |       |  |  |
| Fiji Central       |             |     |       |  |  |
| Fiji East          |             |     |       |  |  |
| Fiji North         |             |     |       |  |  |
| Fiji Rotuma        |             |     |       |  |  |
| FSM West           |             |     |       |  |  |
| FSM Central        |             |     |       |  |  |
| FSM East           |             |     |       |  |  |
| Kiribati West      |             |     |       |  |  |
| Kiribati Central   |             |     |       |  |  |
| Kiribati East      |             |     |       |  |  |
| RMI North          |             |     |       |  |  |
| RMI Central        |             |     |       |  |  |
| RMI South          |             |     |       |  |  |
| Nauru              |             |     |       |  |  |
| Niue               |             |     |       |  |  |
| Palau              |             |     |       |  |  |
| PNG Momase         |             |     |       |  |  |
| PNG Is             |             |     |       |  |  |
| PNG South          |             |     |       |  |  |
| PNG Highlands      |             |     |       |  |  |
| Samoa              |             |     |       |  |  |
| Solomon Is West    |             |     |       |  |  |
| Solomon Is Central |             |     |       |  |  |
| Solomon Is East    |             |     |       |  |  |
| Tonga North        |             |     |       |  |  |
| Tonga Central      |             |     |       |  |  |
| Tonga South        |             |     |       |  |  |
| Tuvalu North       |             |     |       |  |  |
| Tuvalu Central     |             |     |       |  |  |
| Tuvalu South       |             |     |       |  |  |
| Vanuatu North      |             |     |       |  |  |
| Vanuatu South      |             |     |       |  |  |

#### Other matters Discussed:

- Elise brief on the NINO 3.4 new indices to be use in the climate discussion.
- El Niño persists, although a steady weakening trend is evident in its oceanic indicators.
- Neutral ENSO likely during southern autumn
- NMHS were encouraged to finalise El Niño impacts report.
- Welcome Moleni Tu'uholoaki as the new SPC ocean officer associated with OCOF activities.
- OCOF 199 will be hosted by SPREP via zoom together with PICOF 14 on the 16 April 2024

#### **Observed Rainfall**

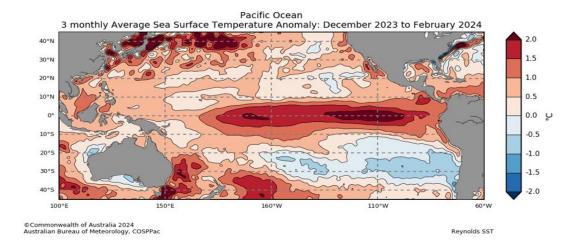
| Country             | February 2024                 | December 2023 to<br>February 2024 |
|---------------------|-------------------------------|-----------------------------------|
| Cook Islands        | Normal to above normal        | Below normal                      |
| Fiji                | Mostly above normal           | Normal to above normal            |
| FSM (Chuuk)         | Normal                        | Normal                            |
| FSM (Pohnpei)       | Normal to above normal        | Below normal                      |
| Kiribati            | Normal to above normal        | Mostly above normal               |
| RMI                 | Below normal to normal        | Below normal                      |
| Nauru               | Above normal                  | Above normal                      |
| Niue                | Normal                        | Above normal                      |
| Palau               | Above normal                  | Normal                            |
| Papua New<br>Guinea | Mostly above normal           | Below normal to above normal      |
| Samoa               | Below normal and normal       | Below normal and normal           |
| Solomon Islands     | Below normal to above normal  | Mostly above normal               |
| Tonga               | Below normal to above normal  | Mostly normal                     |
| Tuvalu              | Below normal and above normal | Below normal to above normal      |
| Vanuatu             | No report                     |                                   |

#### **Ocean Conditions**

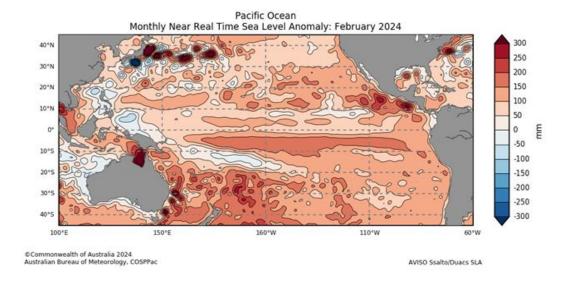
#### Observations of December 2023 to February 2024

Sea surface temperature:

Three-monthly SST anomalies show above normal temperatures up to 2.0°C persisted in most of Palau and FSM, northern and southern PNG, Nauru, Tuvalu, Samoa, most of American Samoa and Tonga, central and northern Fiji, most of eastern Solomon islands, northern Vanuatu, most of New Caldonia, Line Islands, Gilbert Islands and most of Phoenix Islands, Wallis and Futuna, northern French Polynesia and northern Cook Islands. Patches of above normal temperatures were also observed in Niue, and northern and central RMI. Positive SST anomalies greater than 2.0°C were observed in far northern Phoenix Islands. Near normal temperatures were observed over parts of PNG, most of the Solomon Islands, southern Vanuatu, patches over Tonga and New Caledonia, southern Fiji, Niue, most of French Polynesia, southern Cook Islands, eastern FSM, and most of RMI. Patches of below normal temperatures were observed in southern Cook Islands and southern French Polynesia. Compared with the November 2023 to January 2024 SST anomaly pattern, near-equatorial SSTs greater than 2.0°C above normal temperature extents have shrunk significantly, especially in the central Pacific



February sea level was generally 50 to 200mm above normal over two broad regions of the Pacific Ocean. The first region spans eastward from FSM and north PNG in the western Pacific to the Line Islands encompassing RMI, Nauru, northern Tuvalu, Tokelau, Gilbert Islands and northern Cook Islands. The second region spans south-eastward from southern PNG to southern Cook Islands. Sea level anomalies above +200mm were observed in patches over Tuvalu, Gilbert Islands, southern Line Islands, southern PNG, southern Fiji and Tonga, Niue, southern Cook Islands and southern French Polynesia. Near normal sea level anomalies were observed in northern PNG, Solomon Islands, Vanuatu, northern and central Fiji, Samoa, northern Tonga, Niue, central Cook Islands and central French Polynesia. Below normal sea level anomalies were observed in most parts of Palau.



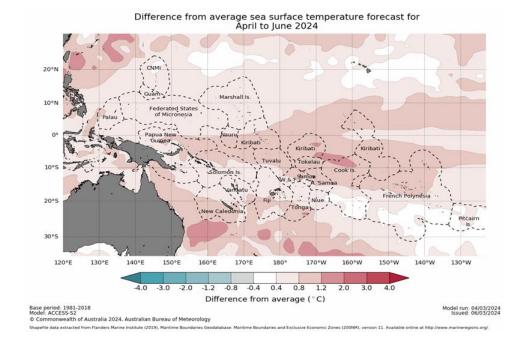
#### **April to June 2024 Outlooks:**

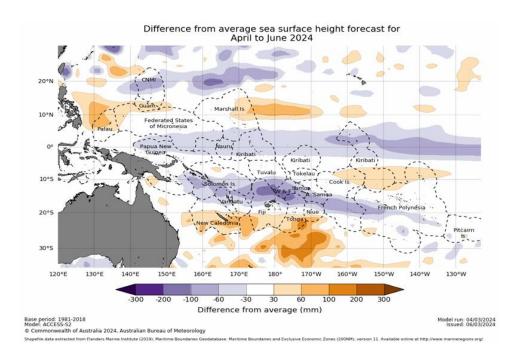
Sea surface temperature outlook: SSTs are forecast to be 0.4 to 1.2 °C above normal affecting most of the COSPPac countries. Near-normal SSTs are forecast for southern Cook Islands, southern French Polynesia and parts of Pitcain Islands.

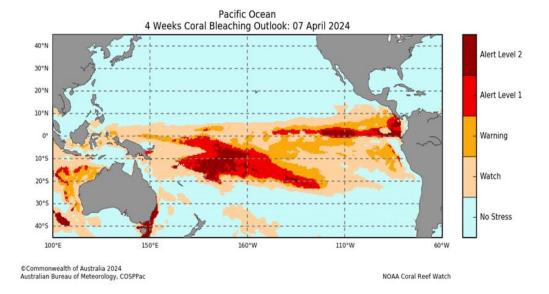
Sea level outlook: Sea levels are forecast to be 30 to 100mm above normal over southern Tonga and New Caledonia. Sea levels are forecast to be 30 to 60mm below normal for northern Cook Islands, southern Line Islands and northeastern French Polynesia. Near normal sea levels are forecast for

northern PNG, southern FSM, southern RMI, Nauru, Gilbert Islands, northern Phoenix Islands, northern Line Islands, Solomon Islands, southern Tuvalu, Samoa, northern Vanuatu, northern Tonga, northern Fiji, northern Niue, parts of central French Polynesia and central Cook Islands. Remaining countries are forecast to have near-normal sea levels. Note that this outlook does not include trends of sea level rise.

Coral Bleaching Outlook: For the four weeks outlook to 9 April, "Alert Levels 1 and 2" are forecast for southern Nauru, Kiribati (southern Gilbert, southern Phoenix and southern Line Islands), Tokelau, eastern Solomon Islands, far northern Niue, Samoa, American Samoa, northern Tonga, Fiji, northern Cook Islands and French Polynesia and far northern Vanuatu. "Warning" areas surrounding the "Alert 1 and 2" regions are forecast for parts of Tonga and Solomon Islands, southern Line Islands, parts of Nauru, northern PNG and parts of Cook Islands. "Thermal stress" is forecast for most of RMI, northern FSM, central PNG, and the far south of Vanuatu, Fiji, Tonga and Cook Islands. The rest of the countries are on "Watch".







### **Observed Conditions**

SST: sea surface temperature anomaly

SLA: sea level anomaly BN: Below Normal NN: Near Normal AN: Above Normal

| 0                | February 2024 |        |  |  |
|------------------|---------------|--------|--|--|
| Country          | SST           | SLA    |  |  |
| Cook Islands     | NN            | AN     |  |  |
| Fiji             | AN            | AN     |  |  |
| FSM (Chuuk)      | AN, NN        | NN     |  |  |
| FSM (Pohnpei)    | AN, NN        | AN     |  |  |
| Kiribati         | AN            | AN     |  |  |
| Marshall Islands | AN            | AN     |  |  |
| Nauru            | AN            | AN     |  |  |
| Niue             | AN            | AN     |  |  |
| Palau            | AN            | BN, NN |  |  |
| Papua New Guinea | AN            | AN     |  |  |
| Samoa            | AN            | NN     |  |  |
| Solomon Islands  | NN            | AN     |  |  |
| Tonga            | AN            | AN     |  |  |
| Tuvalu           | AN, NN        | AN, NN |  |  |
| Vanuatu          | AN, NN        | AN, NN |  |  |

# Country Stakeholder Engagement- Evaluations of how effective countries engage with their stakeholders

| Country                                   | Date<br>February  | Stakeholder   | Total<br>Number of<br>Participants | Number of male | Number<br>of<br>female |
|---|-------------------|---|------------------------------------|----------------|------------------------|
|   | 2024              |   |                                    |                |                        |
| Cook Islands –<br>EAR Watch               | February          | Red Cross, Island Council and Executive Officers, To Tatou Va   | 39                                 |                |                        |
| Cook Islands –<br>Climate data<br>request | February          | Ministry of Marine Resources, Local Newspaper   | 2                                  |                | 2                      |
| Fiji - Climate<br>Summary                 | 07 February       | General public  | 140                                | 106            | 34                     |
| Fiji - EAR Watch                          | 09 February       | Humanitarian partners   | 122                                | 96             | 26                     |
| Fiji - Climate<br>Outlook                 | 29 February       | General public  | 124                                | 93             | 31                     |
| Fiji - Climate<br>Outlook for<br>Monasavu | 29 February       | Energy Fiji Limited   | 13                                 | 13             | -                      |
| Fiji - Ocean<br>Outlook                   | 20 February       | A number of key ocean related stakeholders  | 36                                 | 29             | 7                      |
| Fiji - Sugarcane<br>rainfall outlook      | 05 February       | Sugarcane Industry stakeholders   | 77                                 | 60             | 17                     |
| Fiji - Meteorological<br>data request     | 01-28<br>February | A range of stakeholders   | 46                                 | 6              | 52                     |
| FSM (Chuuk) -<br>Climate Bulletin         | 11 February       | DECO  | 4                                  | 2              | 2                      |
| FSM (Chuuk) -EAR<br>Watch                 | 11 February       | DECO  | 4                                  | 2              | 2                      |
| FSM (Chuuk) –<br>Ocean Outlook            | 11 February       | DECO  | 4                                  | 2              | 2                      |
| FSM (Pohnpei) –<br>Climate bulletin       | February          | Pohnpei Municipal, Gov't, Kosrae,<br>Municipal Gov't, Pohnpei and Kosrae<br>DCO, Dept. Of Education, Red Cross,<br>Fisheries, Environmental Protection<br>Agency, DECEM, Mayors, Dept. Of<br>Public Safety, Pohnpei<br>Utility Corporation, Tourism, Fisheries. | 54                                 | 43             | 11                     |

| FSM – EAR Watch  | February         | Pohnpei Municipal, Gov't, Kosrae,<br>Municipal Gov't, Pohnpei and Kosrae<br>DCO, Dept. Of Education, Red Cross,<br>Fisheries, Environmental Protection<br>Agency, DECEM, Mayors, Dept. Of<br>Public Safety, Pohnpei<br>Utility Corporation, Tourism, Fisheries.               | 54  | 43 | 11 |
|--|------------------|---|-----|----|----|
| Kiribati - Climate bulletin  | 6 February       | Government and Non-Government Organisations and public subscribed to the products.  | 158 | 70 | 88 |
| Kiribati – EAR<br>Watch  | 13 February      | Drought committee members   | 62  | 35 | 27 |
| Kiribati -<br>Media release  | 6 February       | KMS Media and KMS Staffs  | 53  | 23 | 30 |
| Kiribati - Ocean<br>Bulletin   | 6 February       | Government and Non-Government Organisations and public subscribed to the products.  | 158 | 70 | 88 |
| Kiribati – Climate data request  | 1-28<br>February | Government and Non-government sectors and local fishermen   | 8   | 5  | 3  |
| Marshall Island –<br>Climate briefing  | 16 February      | Office of the Chief Secretary and the National Disaster Management Office   | 7   | 4  | 3  |
| Marshall Island –<br>Climate bulletin  | 19 February      | Chief Secretary Office and National Disaster Management Office, Ministry of Natural Resources and Commerce, Ministry of Health and Human Resources, IOM, RMI EPA, Red Cross, Climate Change Directorate, Marshall Islands Conservation Society, RMI Port Authority, Jo Jikum. | 23  | 16 | 7  |
| Marshall Island –<br>Ocean Outlook   | 19 February      | Chief Secretary Office and National Disaster Management Office, Ministry of Natural Resources and Commerce, Ministry of Health and Human Resources, IOM, RMI EPA, Red Cross, Climate Change Directorate, Marshall Islands Conservation Society, RMI Port Authority, Jo Jikum. | 23  | 16 | 7  |
| Marshall Islands –<br>EAR Watch  | February         | Chief Secretary Office, National<br>Disaster Management Office, Ministry<br>of Natural Resources and Commerce   | 9   | 4  | 5  |
| Nauru  | February         | No engagement   |     |    |    |
| Niue   | 01 February      | Private Sector, Government Officials,<br>Government staff, Stakeholders   | 60  | 20 | 40 |
| Palau-WSO Palau PowerPoints from April 17-18, 2023 NCOF on Key Climate Drivers for Palau and Production of Seasonal Outlooks and Associated Uncertainties. | 1 February       | Office of the Climate Change  | 3   | 1  | 2  |

| Palau - Data Infographics on Jan 2024 Daily Rainfall, Monthly 24-Hour Rainfall and Maximum, Minimum and Average Temperatures,   | 1 February   | WSO Palau, WFO Guam and NOAA NCEI, PEAC, PPUC, social media   | 28+ | 19+ | 9+  |
|---|--------------|---|-----|-----|-----|
| Palau-Weekly<br>Weather Bulletin  | 2 February   | WSO Palau and social media platform   | 15+ | 10+ | 5+  |
| Palau- WSO Palau/Airai Climate Data Update; generation of preliminary Normals for Airai   | 6 February   | NOAA NWS Pacific Region<br>Headquarters and WSO Palau   | 2   | 1   | 1   |
| Palau-Monthly Rainfall data infographic with running totals, comparing Feb La Nina 2023 to February El Nino 2024  | 6 February   | WSO Palau and social media platform   | 16+ | 11+ | 5+  |
| Palau - Weekly<br>Weather Bulletin  | 6 February   | WSO Palau and social media platform   | 18+ | 14+ | 4+  |
| Palau - Climate<br>Story about Kiku's<br>Length of Service at<br>WSOs.  | 6 February   | WSO Palau and social media platform   | 55+ | 32+ | 23+ |
| Palau-Climate Data<br>on Palau<br>Government<br>website for monthly<br>rainfall for 2022 and<br>2023  | 7-9 February | Ministry of Finance, Bureau of Budget<br>and Planning, Climate Statistics,<br>Bureau of Public Health Environmental<br>Health Technician II and WSO Palau | 3   | 1   | 2   |
| Palau -PEAC<br>Seasonal Rainfall<br>Probability for Palau   | 8 February   | WSO Palau and social media platform   | 15+ | 11+ | 4+  |
| Palau - Jan 2024 Daily Rainfall infographic and temperature graphics highlighting 5-Day rainfall event from Shear Line and Near Equatorial Trough with embedded circulation | 8 February   | WSO Palau and social media platform   | 14+ | 10+ | 4+  |
| Palau- EAR Watch  | 9 February   | WSO Palau and social media platform   | 15+ | 11+ | 4+  |

| Palau-NIWA Island  | 9 February                               | WSO Palau and social media platform   | 14+  | 10+ | 4+  |
|--|--|---|------|-----|-----|
| Climate Update<br>Feb-Apr 2024 video   |  |   |      |     |     |
| Palau-APCC<br>PICASO tailored<br>outlook for Palau   | 9 February                               | WSO Palau and social media platform   | 18+  | 14+ | 4+  |
| Palau-PEAC* conference call  | 9 February                               | PEAC,NOAA: CPC, PRH, Guam, and WSOs, UOG, US Drought Monitor  | TBA  | TBA | TBA |
| Palau - Community College (PCC) Student interview on El Nino for English Composition paper. Note: forms of communication was via Virtual interview, emails, texts, phone call and messaging and sharing of WSO Palau social media on ENSO and videos from CSIRO's The Pacific Adventures of the Climate Crab and BoM's Drought in the Pacific. | 12 February Final draft pending in March | PCC student majoring in STEM Disciplines was writing an essay for his advanced composition class (EN114) on 2015 El Nino. | 2    | 1   | 1   |
| Palau-Weekly<br>Weather Bulletin   | 12 February                              | WSO Palau and social media platform   | 16+  | 11+ | 5+  |
| Palau-OCOF 197<br>Outlook and data<br>infographics   | 16 February                              | WSO Palau and social media platform   | 17+  | 12+ | 5+  |
| Palau-Weekly<br>Weather Bulletin   | 19 February                              | WSO Palau and social media platform   | 13+  | 9+  | 4+  |
| Palau-Climate Data<br>Request for Daily<br>Observation Data:<br>APCC   | 20 February                              | WSO Palau and APCC  | 2    | 1   | 1   |
| Palau-APCC<br>Regional Outlook<br>MAM 2024 social<br>media platform  | 21 February                              | WSO Palau and social media platform   | 14+. | 10+ | 4+  |
| Palau- PICASO,<br>Outlook for MAM<br>2024  | 21 February                              | WSO Palau and social media platform   | 15+  | 11+ | 4+  |
| Palau - Island<br>Climate Update<br>(ICU) Tailored for<br>Palau  | 21 February                              | WSO Palau and social media platform   | 17+  | 12+ | 5+  |
| Palau -Climate and Ocean Bulletin  | 22 February                              | WSO Palau and social media platform   | 13+  | 9+  | 4+  |
| Palau - Weekly<br>Weather Bulletin   | 24 February                              | WSO Palau and social media platform   | 15+  | 10+ | 5+  |

| Palau- GCF, UNEP CIS-Pac5 5th Project Steering Committee reviewed on the 2023 progress, plans for 2024 as well as the Mid Term Evaluation to guide the remaining years of implementation.  The programme aims to establish and strengthen integrated climate and ocean information services and multi hazard Early Warning Systems in the 5 Meteorological | 19-23<br>February | GCF, UNEP, UNEP CIS-Pac5 nations Cook Islands, Niue, Palau, RMI, and Tuvalu, APCC, UH East-West Center, BoM Australia, NIWA New Zealand, Pacific Community-SPC, SPREP, PacIOOS, Red Cross Red Cresent Climate Center, Palau NDA, National Coordination Committee and WSO Palau.  | TBA | ТВА | ТВА |
|--|-------------------|--|-----|-----|-----|
| offices.   |                   |  |     |     |     |
| Palau - Sector-based Climate Services and Coordination Workshop, that included an unplanned Weather and Palau - Climate Briefing.  | 26-29<br>February | WSO Palau, Guam Green Growth, APCC, Red Cross, UNEP, Local 2030, USAID, Ministry of Health and Human Services, NEMO, UNEP CIS-Pac5 Financial Officers, Coral Reef Rearch Foundation, PaCIOOS, TNC, Office of the Climate Change, EPFM (Gov't Radio), Finance Budget and Plannng, UH, NOAA, NIWA, UN ESCAP, PALARIS, USDAFS, USDA Forest Service, UOGCIS, UH Manoa, IOM, MNRE-MET, MAFE/BOFI, MAFE/USFS, MOG, SPREP, USDA/NRCS, CLARK Univ., PCC-CRE, EQPB, UOG, ROP President, Bureau of Agriculture | 246 | 108 | 138 |
| Palau -Sector-based Climate Services and Coordination Workshop, that included an unplanned Weather and Climate Briefing  | 26-29<br>February | Same as above, posted on Mar. 1 at end of the workshop. photos on social media   | 21+ | 8+  | 13+ |
| PNG - Drought  | 19 February       |  | 215 | 177 | 38  |
| PNG - Weekly Ok<br>Tedi Climate<br>Briefing  | 27 February       | OK Tedi Mine   | 10  | 9   | 1   |
| PNG – Climate data request   | 1-28<br>February  | NGOS, Consultants, schools,<br>Construction Companies, Govt<br>Agencies, Companies   | 9   | 6   | 3   |

|                                       |            | DED Cross Mater Authority (OMA)   |    |    |    |
|---------------------------------------|------------|---|----|----|----|
| Samoa – EAR<br>Watch                  | 4 February | RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines  | 65 | 27 | 38 |
| Samoa – Seasonal climate Outlook      | 7 February | RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines  | 65 | 27 | 38 |
| Samoa - Climate summary               | 4 February | RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines  | 65 | 27 | 38 |
| Samoa -Ocean<br>Outlook               | 4 February | RED Cross, Water Authority (SWA), Media, Health, Works & Infrastructure, Land & Transport Authority, Agriculture & Fisheries, Fire Services, Ministry of Women, National University of Samoa, Tourism, Foreign Affairs, Communication and Information Technology, Disaster Managers, Marines  | 65 | 27 | 38 |
| Solomon Islands –<br>Climate bulletin | February   | Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Glodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, Sol Tuna Ltd, UN Women, Council of Women, Community Representatives | 58 | 46 | 12 |
| Solomon Islands –<br>EAR Watch        | February   | Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon star, Paoa FM, World Vision, Glodridge Mining, Ministry of Mines and Energy, MEHRD, Forestry, Ministry of Health, Solomon Water, MECDM, Live and Learn, Tourism, Maritime Service, People with Disability, MID, Ministry of Fisheries, UN Women, Council of Women.   | 53 | 39 | 14 |

| Solomon Islands -<br>Ocean Bulletin  | February                      | Red Cross, NDMO, Ministry of<br>Agriculture, SIBC, Hydrology, Solomon<br>star, Paoa FM, World Vision, Glodridge<br>Mining, Ministry of Mines and Energy,<br>MEHRD. | 14    | 9     | 5    |
|--------------------------------------|-------------------------------|--|-------|-------|------|
| Tonga – Climate<br>Bulletin          | 11 February                   | Government ministries. NGOs, Media, Private Sector   | 155   | 118   | 37   |
| Tuvalu – EAR<br>Watch                | 23 February                   | MET Staff Disaster Dept TRC TuCAN Agriculture All Civil Servants All Kaupule Secretary   | 43+   | 16    | 21   |
| Tuvalu -Climate<br>bulletin          |                               | MET Staff Disaster Dept TRC TuCAN Agriculture All Civil Servants All Kaupule Secretary   | 43+   | 16    | 21   |
| Tuvalu – Ocean<br>Outlook            | 23 February                   | MET Staff Disaster Dept TRC TuCAN Agriculture All Civil Servants All Kaupule Secretary   | 43+   | 16    | 21   |
| Tuvalu - Monthly<br>Climate briefing | 15 February                   | MET Staff (Climate Division)   | 5     | 2     | 3    |
| Tuvalu – Climate<br>Data Request     | 01-28<br>February<br>February | Education department (Rainfall data for Funafuti and Vaitupu)  No Report   | 2     | 1     | 1    |
| Vanuatu                              | rebluary                      | NO Report  |       |       |      |
| Total                                |                               |  | 2,772 | 1,656 | 1084 |

Note: The stakeholder data above may not total up due to lack of data from NMS or no participation

The recording is available in the link below:

**Link**: <a href="https://sprep.zoom.us/rec/share/Q2fNDom7UFOLJ6RUrh3Adqw2-s9xAGbNT3MsbAeno8">hVaL2bKEliDmAHessx4jL.be1LwQl7OaZ9zPS5</a>

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