

Data management and Climate and Ocean Products and Services

Pacific Islands – Ocean and Climate Outlook Forum No. 219 Summary Report

Date: Thursday 11 December 2025

Chair: Vanuatu did not attend (chaired by SPREP)

Apologies: Tonga, Nauru, Tokelau, Vanuatu, Kiribati

Main purpose for the OCOF:

- To provide a regular forum for the 15 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 Data management and Climate and Ocean Products and Services (SPREP, SPC and Bureau of Meteorology) project team.
- In addition, it serves as an online training forum for recent SCOPIC, and 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, Bureau of Meteorology, WMO, and NOAA 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 stakeholder's engagement. Wherever appropriate NMS to report on their drought status.
4. 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. Any other climate extreme events during the past one and three months.
7. The next OCOF (OCOFC 220) will be held on **21 January 2026** and be chair by **Vanuatu**.

Participants:

The OCOF 219 was attended by 16 climate officers (7 females) from PIC NMSs and 2 from partners.

Cook Islands:
Fiji: Jasneel
FSM (Chuuk): Boyd
FSM (Pohnpei): Wallace and Sammy
FSM (Yap): Katherine and Mathias
Guam:
Kiribati:
Nauru:
Niue: Raquel, Clemencia and Jedaiah
Papua New Guinea: Kila
Palau: Kiku and Maylene
Republic of Marshall Islands: Samson
Samoa: Mattaniah and Taumeasina
Solomon Islands: Martin
Tokelau:
Tonga:
Tuvalu:
Vanuatu:



Australia: Elise NOAA: SPREP: Silipa (Chair) SPC: WMO: Apologies: Tonga, Nauru, Vanuatu, Kiribati	
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OCOF tables were received from all the participating countries except for Cook Islands, Tuvalu, and Yap.

Observations of September to November 2025:

Observed rainfall for the one and three-month periods ending November 2025 were discussed for each PIC. This month, several countries experienced extreme rainfall as shown in the following table:

Station	Period	Rainfall Amount (mm)	Rainfall Rank	Years of record
Hanan Airport, Niue	Nov	702.7	1	120
Hanan Airport, Niue	Sep – Nov	325.8	111	117
Vanimo, PNG	Nov	307.2	63	69
Port Moresby, PNG	Nov	278.6	126	128
Port Moresby, PNG	Sep – Nov	364.8	115	117
Taro, Solomon Islands	Nov	396.0	44	48
Penang Mill, Fiji	Nov	343.2	108	114
Labasa Airport, Fiji	Nov	590.8	65	66
Labasa Airport, Fiji	Sep – Nov	743.0	60	63
Savusavu Airfield, Fiji	Nov	390.7	62	67
Niuafo'ou, Tonga	Nov	393.5	47	51
Niuatoputapu, Tonga	Nov	466.2	72	76
Vava'u, Tonga	Nov	342.3	72	79
Fua'amotu, Tonga	Nov	370.4	46	46
Nuku'alofa, Tonga	Nov	334.0	79	82
Kosrae, FSM	Sep – Nov	1575.1	46	47

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

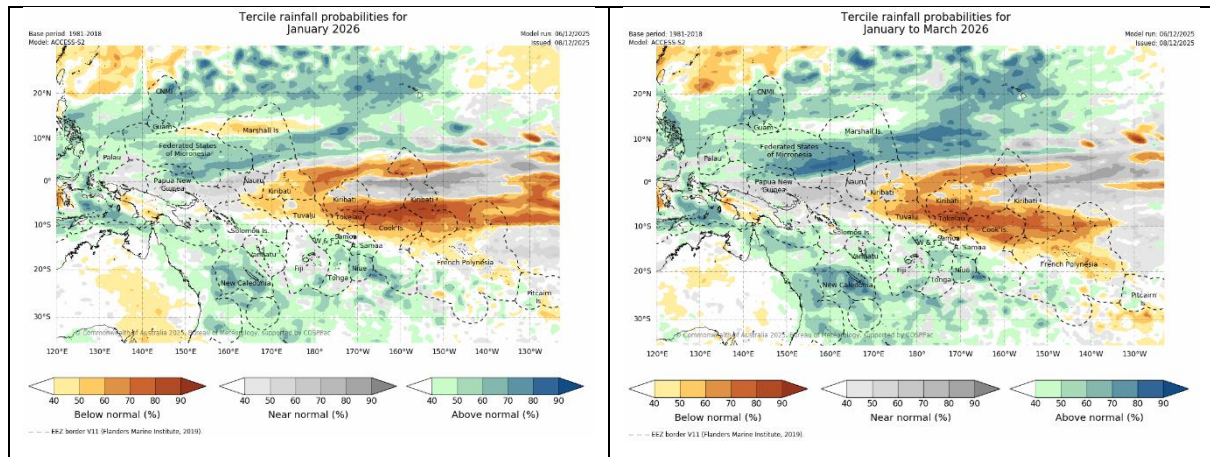


January to March 2026 Outlooks:

ACCESS-S outlooks:

The three-month ACCESS-S rainfall outlook for **January-March 2026** shows high probabilities for below normal rainfall likely or very likely over Kiribati (Gilbert, Phoenix, and Line Islands), Tuvalu, Tokelau, northern Cook Islands, and central and northern French Polynesia. There are also patches of below normal probabilities over central PNG and southern Pitcairn Islands.

Above normal rainfall is likely or very likely in a band stretching eastward from Palau, Guam, CNMI, FSM, RMI, southern PNG, most of Solomon Islands, New Caledonia, Vanuatu, Fiji, Tonga, Niue, Wallis and Futuna, American Samoa, southern Cook Islands, and southern French Polynesia.



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

Other matters Discussed:

- OCOF 220 will be hosted by SPREP via Zoom on 21 January 2026 and chaired by Vanuatu.
- The need for capacity development on the utilization of the newly upgraded Oceans Portal and the interpretation of the maps
- Outdated maps on the existing links that the countries access

Observed Rainfall

Country	November 2025	September to November 2025
Cook Islands	No data	No data
Fiji	Normal to Above Normal	Below Normal to Above Normal
FSM (Chuuk)	Above Normal	Above Normal
FSM (Pohnpei and Kosrae)	Normal to Above Normal	Normal to Above Normal
FSM (Yap)	No data	No data
Kiribati	Below Normal to Normal	Below Normal
RMI	Below Normal to Normal	Normal to Above Normal
Nauru	Normal	Normal
Niue	Above Normal	Above Normal



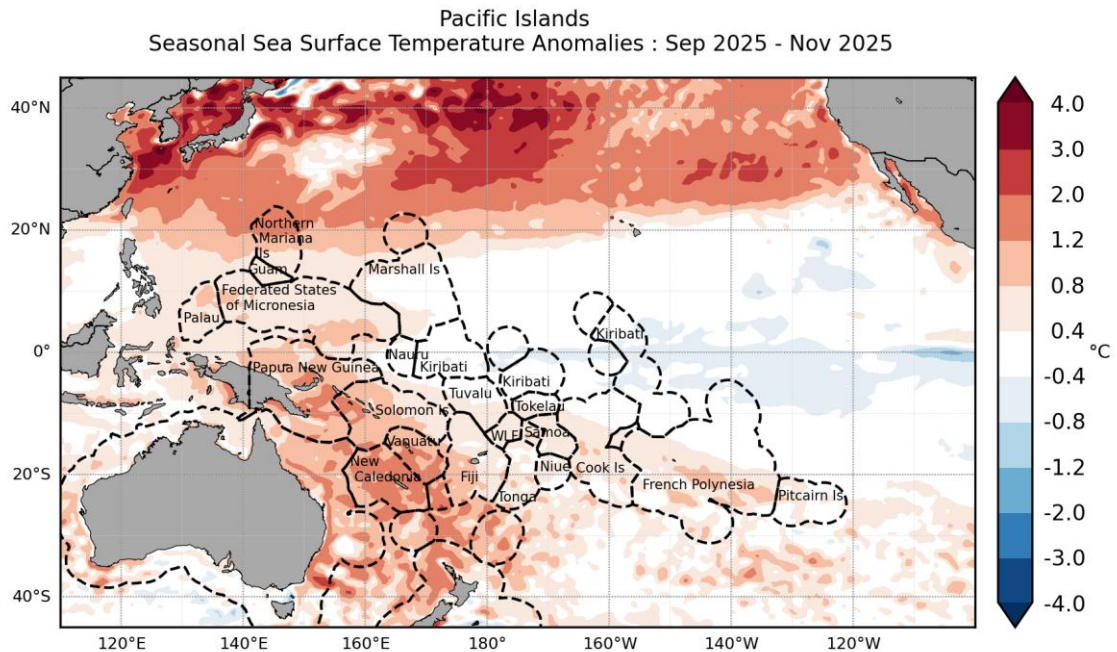
Palau	Above Normal	Above Normal
Papua New Guinea	Above Normal	Below Normal to Above Normal
Samoa	Below Normal to Above Normal	Normal to Above Normal
Solomon Islands	Below Normal to Above Normal	Normal to Above Normal
Tonga	Above Normal	Normal to Above Normal
Tuvalu	No data	No data
Vanuatu	Below Normal to Normal	Below Normal to Above Normal

Ocean Conditions

Observations of September to November 2025:

Sea surface temperature:

Three-monthly SST anomalies were above normal over most of the COSPPAC countries in western Pacific, and subtropical South Pacific, except for near-normal and below normal for countries and part of the countries in the Central and Eastern Pacific. Above-SST anomalies up to 2.0°C were observed in PNG, Solomon Islands, Vanuatu, and New Caledonia. Above-SST anomalies up to 1.2°C were observed in part of Palau, FSM, Fiji, most parts of Solomon Islands, the central French Polynesia and with patches over central Cook Islands; positive anomalies up to 0.8°C were observed in American Samoa, Samoa, and southern half of Tuvalu and Tokelau. Near-normal SST anomalies were observed in Nauru, RMI, Gilbert Islands, parts of Phoenix Islands and Linux Islands, northern half of Tuvalu, northern half of Tokelau, northern Cook Islands, and northern French Polynesia, with patches over Tonga, Niue, and southern Cook Islands. Below normal SST anomalies up to 0.8°C were observed over parts of Phoenix and Line Islands.



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Reynolds

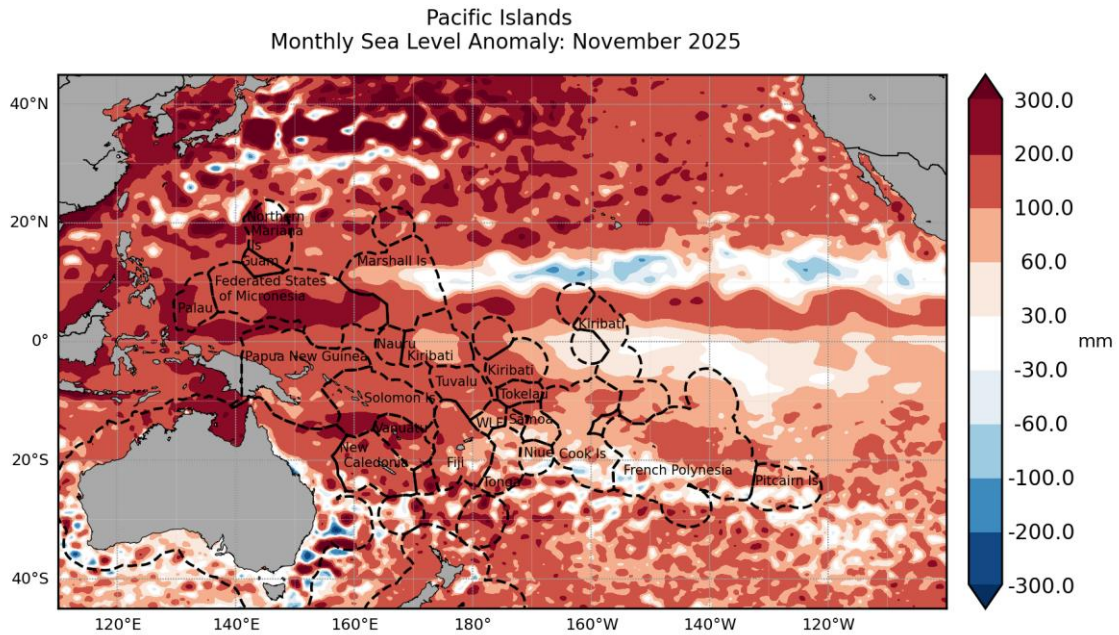


Sea Levels:

November Sea levels:

In November, sea levels were generally above normal across all COSPPac countries. However, a few countries also recorded near-normal sea levels.

Positive sea level anomalies exceeding +200 mm were observed in FSM, Palau, PNG, Solomon Islands, and Vanuatu. The rest of the countries experienced sea levels up to +200mm, except for some patches of near-normal over countries including Fiji, Tonga, Niue, the Line Islands, RMI, and below-normal and near-normal over the southern Cook Islands and French Polynesia.

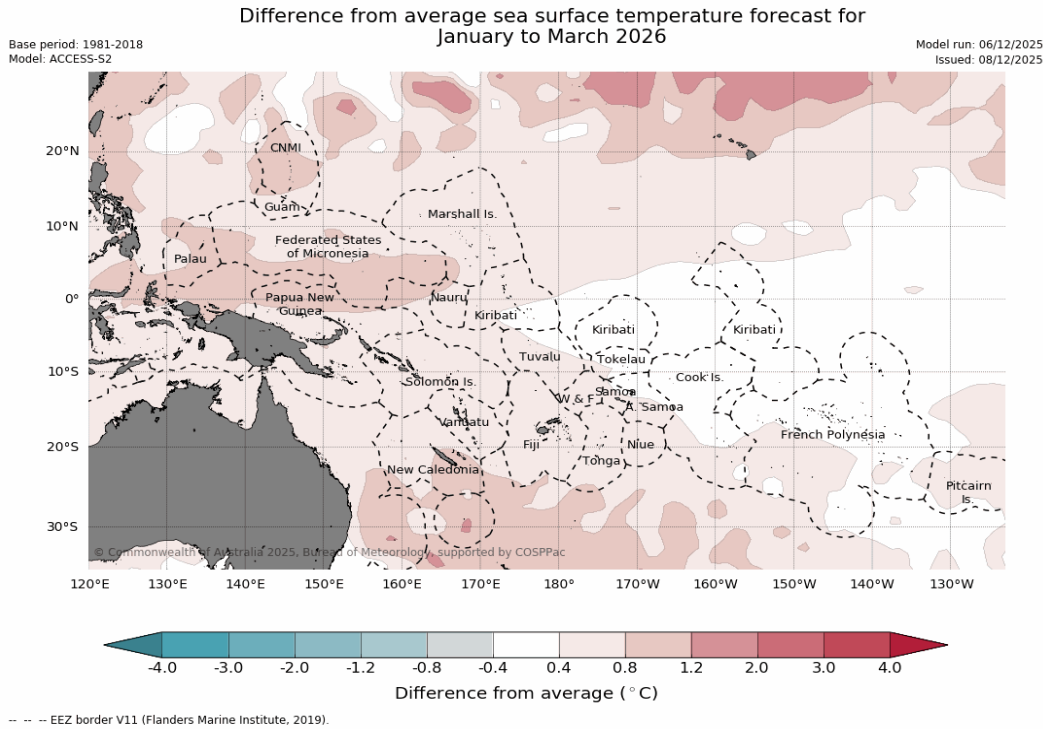


January to March Outlooks:

Sea surface temperature (SST) outlook:

SSTs are forecast to be above normal across most of the Pacific Islands, except for near-normal SSTs to be observed over the northern part of Tuvalu, the southern part of the Gilbert Islands, Phoenix Islands, Tokelau, the northern half of American Samoa, the Line Islands, and most of French Polynesia. Above-normal SSTs of up to 1.2°C are predicted for Palau, FSM, northern part of PNG, southern New Caledonia, while the rest of the countries are forecast to be in the range of 0.4 to 0.8°C above normal.

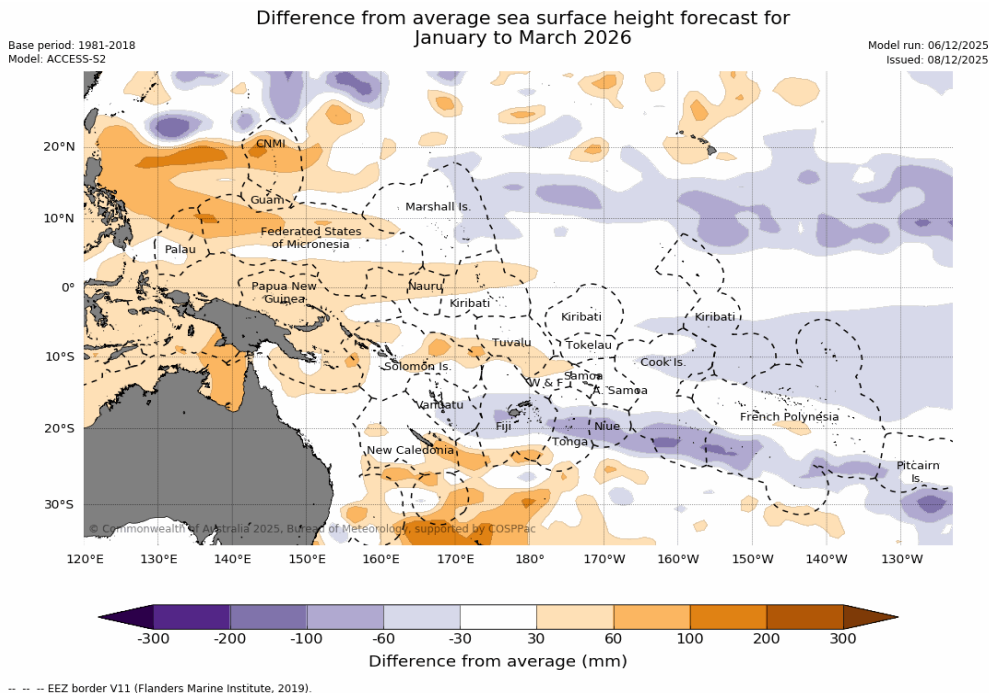




Sea level outlook:

Sea levels are forecast to be as high as +100mm over FSM, with patches over PNG, the Solomon Islands and New Caledonia, and as high as +60mm over Nauru, northern half of Gilbert Islands, southern half of Tuvalu, southern edge of Tonga and Fiji. In contrast, sea levels are predicted to be below normal as low as 200mm over southern French Polynesia and southern Cook Islands, as low as 100mm over Fiji, Tonga, Niue, and as low as 60mm over Line Islands, Vanuatu and Pitcairn Islands. The remaining parts of some of the countries mentioned already, and countries such as Samoa, American Samoa, Tokelau, and the Phoenix Islands are forecast to have sea levels near normal.

Note that this outlook does not include trends of sea level rise.



Coral Bleaching Outlook:

For the 4-week outlook to 4 January 2026, some patches of "Alert Levels 1 and 2" are to be observed in FSM and PNG. "Warning" for eastern PNG, western half of Solomon Islands. 'Watch' or 'No Stress' is forecast over the rest of the countries.



Observed Conditions

SST: sea surface temperature anomaly

SLA: sea level anomaly

BN: Below Normal

NN: Near Normal

AN: Above Normal

Country	November 2025	
	SST	SLA
American Samoa	AN/NN	AN/NN
Cook Islands	AN/NN	AN/NN/BN
Fiji	AN	AN/NN
FSM (Chuuk)	AN/NN	AN
FSM (Pohnpei&Kosrae)	AN/NN	AN
FSM (Yap)	AN/NN	AN
Kiribati	NN/BN	AN/NN
Marshall Islands	AN/NN	AN/NN
Nauru	AN	AN/NN
Niue	AN	AN/NN
Palau	AN/NN	AN
Papua New Guinea	AN/NN	AN
Samoa	AN	AN
Solomon Islands	AN	AN
Tonga	AN	AN/NN
Tuvalu	AN/NN	AN
Vanuatu	AN	AN



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

Country	Date November 2025	Stakeholder	Total Number of Participants	Number of male	Number of female	Disability	Age group
Fiji – Climate Outlook	November	General public	127	93	31	3	
Fiji – EAR Watch	November	Humanitarian Partners	122	96	26		
Fiji – Ocean Outlook	November	A number of key ocean related stakeholders	36	29	7		
Fiji – Climate Summary	November	General public	143	106	34	3	
Fiji – Climate Outlook for Monasavu	November	Energy Fiji Limited	13	13			
Fiji – Sugarcane Rainfall Outlook	November	Sugarcane Industry stakeholders	77	60	17		
Fiji – National Climate Outlook Forum (NCOF)	November	Ocean and maritime stakeholders	44	30	14		
Fiji – Meteorological Data Request	November	A range of stakeholders	25	15	10		
FSM (Chuuk) -Climate Bulletin	November	DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	23	12	11		
FSM (Chuuk) -EAR Watch	November	DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	23	12	11		
FSM (Chuuk) – Ocean Outlook	November	DEOC, DECCEM, CPUC, UN, IOM, Chuuk State Gov., CWC, DOE, EPA	23	12	11		
FSM (Pohnpei) – Climate bulletin	November	Pohnpei Municipal Gov't, Kosrae Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries,	69	53	13	3	



		Conservation Society of Pohnpei, USVPA					
FSM (Pohnpei) - Ocean Bulletin	November	Pohnpei Municipal Gov't, Kosrae Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries, Conservation Society of Pohnpei, USVPA	69	53	13	3	
FSM (Pohnpei) – EAR Watch	November	Pohnpei Municipal Gov't, Kosrae Municipal Gov't, Pohnpei and Kosrae DCO, Dept. Of Education, Red Cross, Fisheries, Environmental Protection Agency, DECEM, Mayors, Dept. Of Public Safety, Pohnpei Utility Corporation, Tourism, Fisheries, Conservation Society of Pohnpei, USVPA	69	53	13	3	
Kiribati - Climate bulletin	November	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	1	
Kiribati – EAR Watch	November	Drought Committee Members.	62	35	27	0	
Kiribati – Briefing note on Ocean Parameters	November	Offshore and Coastal Fisheries	4	3	1	0	
Kiribati – Agromet Bulletin	November	Agriculture and Livestock Division (ALD)	4	1	3	0	
Kiribati - Ocean Outlook	November	Government and Non-Government Organisations and Public subscribed to the products.	158	70	88	1	
Kiribati – Climate Data request	November	Ministry and Institution	2	2	0	0	
Kiribati - Media release	November	All Media Outlets	12	6	6	0	



Marshall Island – EAR Watch	November	NDMO, MWSC, EPA, RMIPA, NRC, OCIT, MIDPO, CCD, PSS, ACWA	24	19	5		
Marshall Island – Climate briefing	November	Chief Secretary Office and National Disaster Management Office	6	4	2		
Palau – Weekly Fisheries Bulletin	Nov. 4	Various stakeholders (details listed below the last table) and Social Media	149	60	89		
Palau – Pacific Disaster Risk Management (DRM) Ministerial Meeting	Nov. 5	Various NDMOs from the Pacific Region					
Palau – Monthly Rainfall & Temperature for Oct. 2025	Nov. 6	Various stakeholders and Social Media	149	60	89		
Palau – Deck Card Graphic for Small Craft & High Surf Advisory	Nov. 7	Various stakeholders and Social Media	149	60	89		
Palau – Weekly Fisheries Bulletin	Nov. 11	Various stakeholders and Social Media	149	60	89		
Palau – Weekly Weather Bulletin	Nov. 11	Various stakeholders and Social Media	149	60	89		
Palau – Palau National Anticipatory Action Framework Development Workshop	Nov. 11-12	Various Gov't. stakeholders	149	60	89		
Palau – EAR Watch 'Deck Card'	Nov. 12	Various stakeholders and Social Media	149	60	89		
Palau – Monthly Ocean Bulletin	Nov. 13	Various stakeholders and Social Media	149	60	89		
Palau – Weekly	Nov. 18	Various stakeholders and Social Media	149	60	89		



Weather Bulletin							
Palau – Weekly Fisheries Bulletin	Nov. 18	Various stakeholders and Social Media	149	60	89		
Palau – Climate Bulletin	Nov. 18	Various stakeholders and Social Media	149	60	89		
Palau – La Niña Advisory ‘Deck Card’	Nov. 18	Various stakeholders and Social Media	149	60	89		
Palau – PICASO Outlook	Nov. 19	Various stakeholders and Social Media	149	60	89		
Palau – ‘Deck Card’ on Choppy Seas, Gusty Winds & Thunderstorms	Nov. 22	Various stakeholders and Social Media	149	60	89		
Palau – Weekly Fisheries Bulletin	Nov. 25	Various stakeholders and Social Media	149	60	89		
Palau – Weekly Weather Bulletin	Nov. 25	Various stakeholders and Social Media	149	60	89		
Palau – Republic of Marshall Islands 3-Days WSO Majuro EAR Watch Training and 2-Days Stakeholder Workshop	Nov. 27-28	Tourism Org., Water, WSO, SPREP, Aus Embassy, AFIS/Aviation, NDMO, Gov’t.,	9-Day 1 9-Day 2 9-Day 3 25-Day 1 17-Day 2	5-Day 1 5-Day 2 5-Day 3 19-Day 1 12-Day 2	4-Day 1 4-Day 2 4-Day 3 6-Day 1 5-Day 2		
Papua New Guinea – OK Tedi Climate Update	November	Staff of OK Tedi	11	10	1		



Papua New Guinea – Drought update	November	Government NGOs, Companies, Schools	254	196	58		
Papua New Guinea – climate data request	November		6	4	2		
Samoa – EAR Watch	November	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 Outlook	November	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 data request	November	Samoa Airport Authority, NUS, FICO Construction	3	2	1		



Solomon Islands – Seasonal Outlook	November	Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon Star, Paoa FM, World Vision, Goldridge 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		30 and above
Solomon Islands – EAR Watch	November	Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon Star, Paoa FM, World Vision, Goldridge 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	41	12		30 and above
Solomon Islands – SAPE Farm	November	Farm Manager	1	1	0		30 and above
Solomon Islands – Adaliua Farm	November	Ministry of Agriculture Extension Division Officer (Malaita)	1	1	0		30 and above
Solomon Islands – Malaria Outlook (Malaclim)	November	Ministry of Health & Medical Services (The National Vector Borne Disease Control program)	4	4	0		30 and above
Solomon Islands – Ocean Outlook	November	Red Cross, NDMO, Ministry of Agriculture, SIBC, Hydrology, Solomon Star, Paoa FM, World Vision, Goldridge Mining, Ministry of Mines and Energy, MEHRD	31	24	7		30 and above
Solomon Islands – Climate Data Request	November	Research students	2	2			30 and above
Tonga – Climate Bulletin	November	Government ministries, NGOs, Media, Private Sector	77	32	42	3	



Tonga – Ocean Outlook	November	Government ministries, NGOs, Media, Private Sector	77	32	42	3	
Total			4,454				

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

