

PACIFIC ROADMAP FOR STRENGTHENED CLIMATE SERVICES 2024–2033

NATIONAL M&E ANNUAL REPORTING TEMPLATE

Official Monitoring & Evaluation Data Entry Form for National Meteorological & Hydrological Services (NMHSs)

Pacific Island Country / Territory:	Federated States of Micronesia
Reporting Period / Year:	1 July 2025 – 30 June 2026 (Reporting Year 2026)
NMHS Reporting Focal Point & Title:	Wallace Jacob/Sammy Ray Rettin/Boyd Mckenzie, Supervisor Weather Service Spc., boyd.Mckenzie@noaa.gov ; sammy.rettin@noaa.gov ; wallace.jacob@noaa.gov
Head of NMHS / Director Sign-off:	Wilfred Nanpei, Official in Charge, Weather Service Office
Submission Date:	18 October, 2026 (Official Deadline: 31 July)
Target Sub-Committee Reviewer:	PICS Panel M&E Technical Sub-Committee & SPREP

1. Reporting Guidance & Operational Instructions

This annual reporting template operationalizes Chapter 4 (Monitoring and Evaluation Framework) of the Pacific Roadmap for Strengthened Climate Services (PRSCS) 2024–2033. All Pacific Island National Meteorological and Hydrological Services (NMHSs) are required to complete and submit this report by July 31 each year to the Pacific Island Climate Services (PICS) Panel Sub-Committee.

- **Outcome-Based Approach:** Reporting focuses on outcome quality, data volume, user satisfaction, and gender/minority reach rather than simple task execution.
- **Three Integrated Data Streams:** Data should be synthesized from (1) Automated web server analytics, (2) Meeting reports & standardized survey forms, and (3) Internal NMHS operational databases.
- **Gender, Disability & Inclusivity Disaggregation:** In alignment with Guiding Principle 1, user satisfaction and workshop participation data MUST explicitly break down reach across women, youth, persons living with disabilities, and remote island communities.
- **Technical Review Workflow:** Submitted reports will be synthesized by the 3-person PICS Panel Sub-Committee into the Annual Regional Climate Services Status Report presented to the Pacific Meteorological Council (PMC).

2. Executive Overview & Alignment with Guiding Principles

Provide a high-level summary of national progress, strategic breakthroughs, and challenges experienced during the reporting period across the 8 Guiding Principles.

Key Strategic Focus Area	National Summary & Key Achievements (Reporting Year)
Gender, Youth & Vulnerable Group Inclusivity (Guiding Principle 1)	Targeted climate bulletins and EAR Watch reports were delivered to key groups including the US veterans of Pohnpei.
Technical & Financial Sustainability (Guiding Principle 2 & 3)	Operations supported via US-FSM Compact of Free Association along with support from COSPPac project.
Sector Partnership & Traditional Knowledge (Guiding Principle 4 & 7)	Active collaboration established with DECEM, DCO, CPUC, IOM, Health, Agriculture, Marine Resources, and CWC for drought preparedness and climate briefings. Monthly and seasonal climate outlooks were integrated into sector decision-making.

3. Strategic Performance Indicators Data Matrix

Complete the reporting data for all 17 strategic performance indicators structured under the 5 GFCS components. Enter actual quantitative figures, survey ratings, and explanatory notes.

3.1 Component 1: User Interface (UI)

PI #	Indicator Name	Target / Standard	Reported Value (This Year)	Data Source & Remarks
PI 1	National & Regional Dialogue Meetings Held	>= 2 NCOFs / Sector Dialogues per year	1 Annual table top exercise, Annual Joint task force exercise. Annual meetings and drill exercises.	Meeting logs/DECEM National Reports
PI 2	User Satisfaction Survey Data (Gender & Minority breakdown)	Average score >= 4.0 / 5.0	High engagement across 23 key institutional representatives (12 Male, 11 Female) per monthly briefing.	Post-NCOF / workshop standardized survey forms
PI 3	Climate Product Web & Portal Access Statistics	> 15% annual increase in hits/downloads	All products forwarded to representatives from different sectors and stakeholders.	Web server analytics logs

3.2 Component 2: Climate Services Information System (CSIS)

PI #	Indicator Name	Target / Standard	Reported Value (This Year)	Data Source & Remarks
------	----------------	-------------------	----------------------------	-----------------------

PI 4	Pacific Climate Services Toolkit Implementation Steps	Progress on standard tool adoption	Pacific Climate Services Toolkit, EAR Watch, Climate and Ocean Bulletin and OCOF monthly outlook products systematically deployed.	<i>NMHS operational records</i>
PI 5	Volume of Climate Data Exchanged (WIS / GTS / Internet)	Uninterrupted daily exchange	Uninterrupted exchange via NWS Email Data Input System (EDIS) to NWSTG and GTS.	<i>GTS/WIS server traffic logs</i>
PI 6	User Satisfaction with Access to Climate Services	Average score ≥ 4.0 / 5.0 across sectors	4.2 / 5.0 rating across participating sectors (PUC, DEO, Health, Agriculture, Red Cross).	<i>Annual user survey reports</i>

3.3 Component 3: Observations, Monitoring & Data Management

PI #	Indicator Name	Target / Standard	Reported Value (This Year)	Data Source & Remarks
PI 7	Volume of Essential Climate Variables (ECVs) Reported	100% compliance for active stations	Full reporting of rainfall, temperatures, coral bleaching, sst, and sea level anomalies.	<i>ClIDE / Climate database logs</i>
PI 8	Percentage of Country Operating Relational Climate Database	Fully operational ClIDE/relational DB	<i>Yes</i>	<i>Data management unit log</i>
PI 9	User Satisfaction with Climate Database Access	High rating for vulnerable/remote users	High accessibility rating for climate data requests and monthly ocean outlooks.	<i>User feedback forms</i>
PI 10	Volume of Paper Records Digitized (Station-Years)	Continuous archive recovery	Continuous digital archive maintenance for Pohnpei WSO historical station data dating back to 1945.	<i>Data rescue / digitizing register</i>

3.4 Component 4: Research, Modelling & Prediction

PI #	Indicator Name	Target / Standard	Reported Value (This Year)	Data Source & Remarks
PI 11	Applied Climate Forecast Models Under Development	≥ 1 sector-tailored model active	ACCESS-S, SCOPIC, PICASO, Cliqp, CPC, and POAMA models utilized	<i>Research & forecasting logs</i>

PI 12	Applied Model Products	Active web integration	Monthly Climate and SST outlooks.	Web analytics
	Active on Website & Hit Rates		Monthly Climate and Ocean bulletins, EAR Watch, and drought monitoring updates active.	
PI 13	Socio-Economic Cost-Benefit Studies Published	>= 1 cost-benefit assessment published	Drought vulnerability and impact analysis conducted for IOM Drought Preparedness & Response Plan.	Published reports / policy briefs
PI 14	External Scientist Collaboration Survey Results	Positive research partnerships	Active collaboration with SPREP, BOM, and NOAA on regional climate outlooks.	Annual research review

3.5 Component 5: Capacity Building

PI #	Indicator Name	Target / Standard	Reported Value (This Year)	Data Source & Remarks
PI 15	Strategic Progress Toward Pacific Regional Training Centre	Active participation in RTC development	Active participation in regional training initiatives and WMO/PMC technical workshops.	PMC / RTC progress reports
PI 16	Donor Support Balance (Human Skills vs Hardware Assets)	Balanced human/hardware investment	100% US NOAA COFA funding contract supporting personnel and operational hardware through 2029.	National NMHS financial register
PI 17	Community Workshop Participants (Disaggregated)	>= 40% women, youth & minority reach	Community workshops done by stakeholders with consultations from Weather Service Office.	Workshop attendance logs

4. Priority Sectoral Integration Matrix

Detail specific climate products tailored and delivered to the 7 priority thematic sectors during the reporting year.

Priority Sector	Tailored Climate Product / Service	Key Institutional Partners	Impact / Decision Value
-----------------	------------------------------------	----------------------------	-------------------------

Agriculture & Food Security	Monthly EAR Watch & Climate and Ocean bulletins. NWS Weekly Regional weather outlook (NOAA)	Department of Agriculture, Local Farmer Networks	Informed crop planting cycles ahead of predicted below-normal rainfall periods.
Disaster Risk Reduction (DRR)	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook (NOAA)	Disaster & Emergency Operations Center (DEOC), DECEM, IOM, Red Cross	Enhanced community drought preparedness and rapid emergency response trigger points.
Energy Sector	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook	Chuuk Public Utilities Corporation (CPUC)	Optimized power grid management during wet and dry season extremes.
Health Sector	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook	Public Health	Timely public health warnings and water quality monitoring during low-rainfall months.
Water Resources	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook	CPUC Water Division, Public Works, UNICEF, IOM	Supported drinking water safety plans and outer-island water tank repairs and deployment.
Fisheries & Aquaculture	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook	Department of Marine Resources (DMR), EPA	Protection of marine ecosystems and early detection of coral stress.
Tourism Sector	Monthly EAR Watch & Climate and Ocean bulletins. NWS weekly Regional weather outlook	Local Hotels and Operators	Improved safety for marine transport and eco-tourism activities.

5. Report Verification & Official Sign-off

I hereby confirm that the data and narrative reported herein accurately reflect the operational performance and climate service delivery of the NMHS for the specified reporting year.

Signature of NMHS Director / Head:

Printed Name & Title: Johannes Berdon, Official in Charge, WSO Chuuk

Date of Official Submission: 12/10/2026

[Enter Full Name & Official Title]

[Day / Month / Year]