**Chuuk State Situation Report**

Disaster Event : Typhoon Tirow

Report No.: 001

Date of report: 2025-08-27 Time of report: 16:45 PDT / 19:45 EDT / 23:45 UTC

Next scheduled report: 2025-08-20 06:00 UTC (or earlier as situation changes)

1. **Weather Tracking Update**
* Event: Typhoon Tirow
* Latest observations:
	+ Primary: Directly over Kuop Island (south of Chuuk Lagoon). Maximum sustained winds: 112 mph (Category 3).
	+ Updated position: ~100 km east of Pulap Atoll. Maximum sustained winds: 120 mph (Category 3).
* Movement: Northwest (NW) toward Pulap and Namonuito Atolls; expected to continue on this NW track.
* Trend: Forecast indicates possible intensification by one category (to Category 4) prior to affecting Pulap/Namonuito, depending on environmental conditions.
1. **Situation Overview**
* A powerful typhoon is currently affecting the southern Chuuk region with destructive winds, storm surge potential, and heavy rainfall.
* Areas at highest immediate risk: Kuop Island (current location), Pulap Atoll, Namonuito Atolls, and adjacent outer islands along the NW track.
* Population at risk: Residents of outer islands in the storm path, including vulnerable groups — women, children, elderly, persons with disabilities, and boarding students on outer islands.
* Known impacts to date: Reports of extreme winds over Kuop Island; damage assessments are ongoing. Communications and transport to outer islands may be disrupted. (Detailed damage and casualty figures pending post-impact assessments.)

Location and Movement

* Current position (primary): Over Kuop Island, south of Chuuk Lagoon.
* Secondary/updated position: ~100 km east of Pulap Atoll.
* Movement: Northwest toward Pulap and Namonuito Atolls.
* Estimated arrival window: Pulap/Namonuito area potentially within 6–24 hours depending on forward speed — monitor advisories for updated ETA.

Forecast and Warnings

* Forecast: Continued NW track with potential intensification to Category 4 (winds >130 mph) before nearest-approach to Pulap/Namonuito.
* Hazards:
	+ Extreme winds capable of structural damage to homes, public infrastructure, and boats.
	+ Storm surge along low-lying atolls and coastal areas — potential for coastal inundation and flooding.
	+ Heavy rainfall with risk of freshwater flooding and landslides on higher terrain.
	+ Widespread disruption to communications, power, water, and transportation.
* Watches/Warnings recommended:
	+ Immediate Typhoon Warning for Pulap and Namonuito Atolls and adjacent outer islands.
	+ Storm Surge Warning for low-lying coastal areas of affected atolls.
	+ Evacuation orders for communities in highest-risk coastal/low-lying locations.
1. **State Response**
* Activation: Chuuk Disaster and Emergency Operations Center (CDEOC) activated; state leadership monitoring and coordinating response.
* Actions taken to date:
	+ Coordination call with outer island authorities and community leaders initiated.
	+ Public alerts issued advising sheltering in place or evacuation to designated safe shelters where available.
	+ Pre-positioning of search & rescue teams and emergency supplies where safe and feasible.
	+ Communications with national authorities and neighboring jurisdictions for situational awareness.
* Expenditures: Immediate response costs being tracked; detailed accounting to follow in subsequent reports.
1. **Next Steps (Immediate priorities — next 6–24 hours)**
2. Issue official Typhoon Warning and evacuation orders for Pulap, Namonuito, and other at-risk outer islands; ensure messaging targets vulnerable groups and uses available radio/phone/satellite channels.
3. Move residents in low-lying/coastal areas to designated safe shelters (higher ground or reinforced community buildings).
4. Pre-position emergency teams (SAR, medical, engineering) and supplies (water, food, medical kits, generators) at staging points that remain accessible.
5. Establish/maintain emergency communications (satellite phones, VHF/HF radio) with outer islands to track impacts and needs.
6. Public messaging: advise securing boats, reinforcing homes if time allows, staying indoors away from windows, and having emergency kits and evacuation plans ready.
7. Prepare for post-impact rapid needs assessments (RNAs) focused on life-saving needs, shelter, WASH, medical, and communications.

Needs / Requests

* Immediate needs (pre-impact):
	+ Rapid dissemination of warnings to all at-risk communities, including translation and accessible formats for persons with disabilities.
	+ Additional satellite communication devices and portable power packs for outer island clinics and shelters.
	+ Fuel and transport availability for SAR and relief teams.
* Anticipated post-impact needs:
	+ Emergency shelter materials (tarpaulins, tents), clean water and water purification supplies, emergency food rations, medical supplies, and vector control.
	+ Heavy-lift or sea transport assets for supply delivery and debris clearance if ports/airstrips are damaged.
	+ Technical assistance for rapid damage assessments and coordination support.
* Suggested requests to national authorities:
	+ Consider State Declaration of Emergency if damages exceed state capacity.
	+ Request national-level assets (satellite communications, naval or air transport, rapid assessment teams, and additional medical surge capacity).
1. **Suggestions**
* Issue an immediate formal Typhoon Warning and order protective actions for Pulap and Namonuito Atolls.
* Prioritize communications and evacuation support for vulnerable populations (elderly, persons with disabilities, children in boarding schools).
* Pre-authorize emergency procurement and rapid-release funds to support immediate response and lifesaving operations.
* Coordinate with national and regional partners now to stage assets so they can be mobilized quickly after impact.

Reporting and Assessments

* Arrange for rapid needs assessments within 24–48 hours post-impact to gather:
	+ Casualty figures, displaced populations, shelter needs, damage to critical infrastructure (water, health, power), and access routes.
* Consolidate initial damage reports and resource requests for national coordination.

Drafted by:

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Contact:

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Notes

* This report is based on the latest available observations and forecasts. Locations, wind speeds, and impacts may change rapidly; CDEOC will issue updates as new information becomes available.