POST TROPICAL CYCLONE REPORT

Storm Name	Tropical Storm Krosa (12W)
NWS Office	Guam
Begin/End Date	7/24/2025 - 7/27/2025
Fatalities	0 - Direct 0 - Indirect
Tornadoes	N/A

Event Summary

Krosa (12W) developed within a westward-moving surface trough in northern Chuuk State and was dubbed Invest 98W by the Joint Typhoon Warning Center (JTWC) on 21 July (ChST). Overnight (23-24 July), 98W passed over Guam. At this time, the JTWC had issued a Tropical Cyclone Formation Alert (TCFA), indicating the expectation that 98W would become a tropical depression (TD) within the next 24 hr. When 98W was upgraded to TD 12W, WFO Guam issued TS Watches for the CNMI islands of Rota, Tinian, Saipan, Agrihan, Pagan and Alamagan. TD 12W slowly intensified to a tropical storm (TS) early on 25 July. TS Krosa maintained a northerly heading keeping just west of the Marianas island chain. No island experienced a landfall but merely experienced peripheral impacts of the passing TS and, more notably, the ensuing monsoon surge wrapping around from the south to eastern sides of Krosa. TS watches were dropped for Rota, Tinian and Saipan early on the 25th, while a TS Warning was issued for the far northern 3 islands in anticipation of an expanding windfield in the eastern and southern quadrants of Krosa. TS Warnings for the 3 islands were eventually cancelled on 27 July once the expansive TS-force windfield in the SE quadrant had finally lifted north of the islands. WFO Guam communications ahead of Krosa noted a 1-2 punch of impacts: first with the near-passage of 12W, then the more substantial, ensuing southwesterly monsoon flow. Model guidance suggested the strongest winds and heaviest rainfall with the overall event would be post-12W and within the monsoon. The official observations reflect that scenario: stronger winds and more-substantial rainfall accumulation were recorded at Saipan in the wake of Krosa. All data reported, here, and in the .csv files are only for the time that the islands were under TS watches.

NOTE: It is unlikely that the point-based observations provided in this report sampled the peak values for the event.

Highest 10 Land Winds (kts)*

Station	*State*	*Type*	*Sustained*
Saipan International Airport	CNMI	ASOS	19

* Anemometer heights < 20 m

Highest 10 Land Gusts (kts)*

Station	*State*	*Type*	*Gust*
Saipan International Airport	CNMI	ASOS	34

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

Station	*Type*	*Sustained*
None		

* Anemometer heights < 20 m

Highest 10 Marine Gusts (kts)*

Station	*Type*	*Gust*
None		

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

Station	*State*	*Type*	*Inches*
Saipan Palace (427ft)	CNMI	PWS	4.06
Saipan International Airport	CNMI	ASOS	3.89
Pacific Amusement Saipan	CNMI	PWS	3.59
AMME Garapan Saipan	CNMI	NPS	3.05
Wireless Ridge (elev 673ft)	CNMI	PWS	2.65
Rainman Wx Station 1	CNMI	PWS	2.50
ARCSAIPAN	CNMI	PWS	2.18

Highest NOAA Tide Gage Observations

Station	*State*	*Datum*	*Water Level (ft)*
No NOAA Tide Gages			

Lowest 10 Pressures (MSLP)

Station	*State*	*Type*	*Millibars*
None reportable			

Report Last Updated on 7/29/2025:

This is the first issuance. The following files have been updated: Wind and Pressure, Rainfall, Water Level, and Impact Narratives.

Remarks:

Rainfall amounts reflect 48hr of accumulation. The bulk of rainfall (not included in these amounts) fell well after the passage of Krona. No observational data exist for the islands of Agrihan, Pagan or Alamagan. Additionally, official sources of observational data are exceedingly scarce among the islands of Saipan, Tinian, and Rota. Private weather stations (PWS), while included in the .csv files, are not included in the official storm summary top 10s.