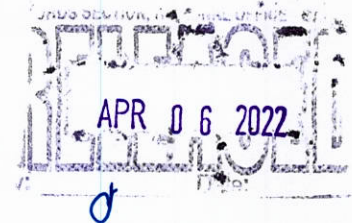




Republic of the Philippines
Department of Education
CARAGA REGION



April 6, 2022

REGIONAL MEMORANDUM
No. 0278, s. 2022

To: SCHOOLS DIVISION SUPERINTENDENTS
This Region

**DISSEMINATION OF THE PAGASA-ISSUED MODIFIED
TROPICAL CYCLONE WARNING SYSTEM**

1. For the information of the Division Offices thru the Division DRRM Coordinators, attached herewith is the copy of the Modified Tropical Cyclone Warning System issued by the Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA)-Caraga for reference.
2. SDOs shall forward the same to all its schools as updated reference in drafting their school based DRRM programs, projects, and activities related to mitigation, preparedness and response.
3. For detailed references, contact PAGASA thru/at:

VER LANCER D. GALANIDA
Chief Meteorological Officer
PAGASA Butuan Aeromet and Synoptic Station
Butuan Airport, Brgy. Bancasi, Butuan City 8600
pagasabutuanost@yahoo.com
Office tel. # 815-2205 (PLDT)
Office Mobile # 0945-359-5953 (Globe)

4. For dissemination.


MA. GEMMA MERCADO LEDESMA
Director IV

Encl/s.: MODIFIED TCWS
Reference/s: NONE
To be indicated in the Perpetual Index
under the following subjects:

DRRM TROPICAL CYCLONE

ESS/mpb
04/06/2022



Address: J.P. Rosales Avenue,
Butuan City
Trunkline No: (085) 342-8207
Telefax No: (085) 342-5969
Email: caraga@deped.gov.ph



2022-04-4034

Document Control No:
DepEdRO13-F-REC-013/R3/02-18-2020



Everything You Need to know about the

Modified Tropical Cyclone Warning System

 [Dost_pagasa](#)  [@dost_pagasa](#)  [DOST PAGASA Weather Report](#)  [dost_pagasa](#)  <https://bogong.pagasa.dost.gov.ph>

Everything You Need to Know about the
**Modified Tropical Cyclone
Warning System**

Updated Tropical Cyclone Categories

MAY 2015:

WIND SIGNAL 1	Tropical Depression (TD) 61 km/h OR LESS	WIND SIGNAL 1	Tropical Depression (TD) 61 km/h OR LESS
WIND SIGNAL 2	Tropical Storm (TS) 62-88 km/h	WIND SIGNAL 2	Tropical Storm (TS) 62-88 km/h
WIND SIGNAL 2	Severe Tropical Storm (STS) 89-117 km/h	WIND SIGNAL 2	Severe Tropical Storm (STS) 89-117 km/h
WIND SIGNALS 3 AND 4	Typhoon (TY) 118-220 km/h	WIND SIGNALS 3 AND 4	Typhoon (TY) 118-220 km/h
WIND SIGNAL 5	Super Typhoon (STY) More than 220 km/h	WIND SIGNAL 5	Super Typhoon (STY) More than 220 km/h

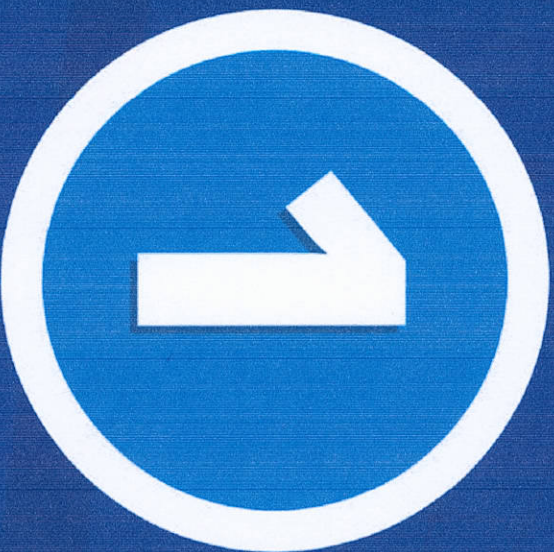
MARCH 2022:

WIND SIGNAL 1	D Tropical Depression (TD) 61 km/h OR LESS	WIND SIGNAL 2	S Tropical Storm (TS) 62-88 km/h	WIND SIGNAL 3	T Severe Tropical Storm (STS) 89-117 km/h	WIND SIGNAL 4	T Typhoon (TY) 118-184 km/h	WIND SIGNAL 5	T Super Typhoon (STY) 185 km/h or higher
---------------	---	---------------	---	---------------	--	---------------	--	---------------	---

Everything You Need to Know about the
**Modified Tropical Cyclone
Warning System**

Modified Tropical Cyclone Wind Signal (TCWS)

Signal No.



Wind Threat

OLD

30-60 km/h

NEW

39-61 km/h

Warning Lead Time

 **36 hrs**

Potential Impacts

Minimal to Minor
threat to life and property

**Tropical Depression
(TD) or higher**

Issued for

Everything You Need to Know about the
**Modified Tropical Cyclone
Warning System**

Updated Tropical Cyclone Wind Signal (TCWS)

Signal No.

Wind Threat

OLD

61-120 km/h

NEW

62-88 km/h

Warning Lead Time

⌚ 24 hrs

Potential Impacts

Issued for
**Tropical Storm (TS)
or higher**

Minor to Moderate
threat to life and property

Everything You Need to Know about the
**Modified Tropical Cyclone
Warning System**

Updated Tropical Cyclone Wind Signal (TCWS)

Signal No.



Wind Threat

OLD

121-170 km/h

NEW

89-117 km/h

Warning Lead Time

 **18 hrs**

Issued for

**Severe Tropical Storm
(STS) or higher**

Potential Impacts

Moderate to Significant
threat to life and property

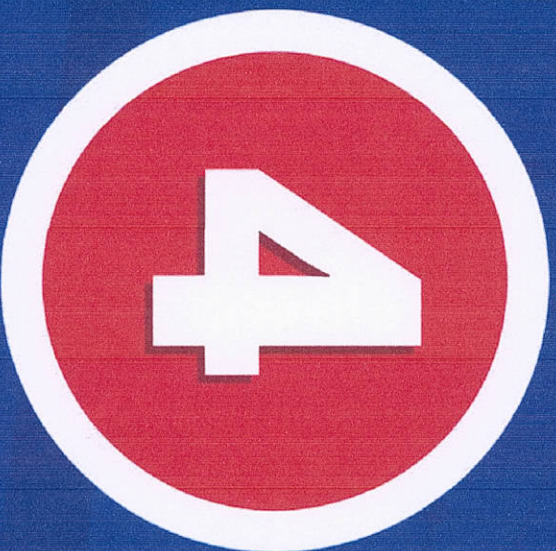


Everything You Need to Know about the

Modified Tropical Cyclone Warning System

Updated Tropical Cyclone Wind Signal (TCWS)

Signal No.



Issued for
**Typhoon (TY)
or higher**

Wind Threat

OLD

171-220 km/h

NEW

118-184 km/h

Warning Lead Time

 **12 hrs**

Potential Impacts

Significant to Severe
threat to life and property

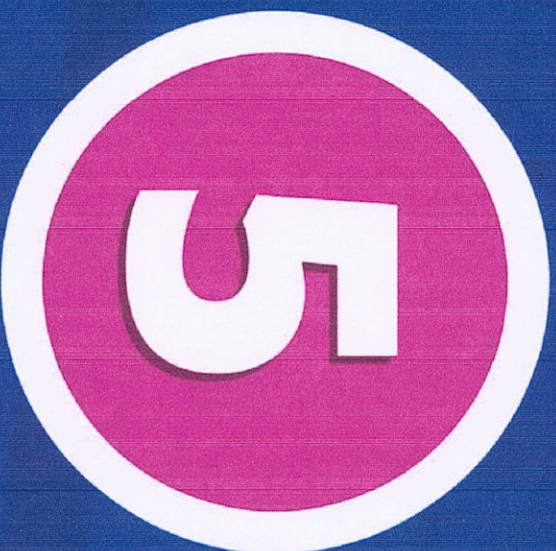


Everything You Need to Know about the

Modified Tropical Cyclone Warning System

Updated Tropical Cyclone Wind signal (TCWS)

Signal No.



Wind Threat

OLD

More than 220 km/h

NEW
185 km/h
or higher

Warning Lead Time

⌚ **12 hrs**

Potential Impacts

Issued for

Super Typhoon (STY)

Extreme Threat

to life and property



Dost_pagasa



@dost_pagasa



DOST PAGASA Weather Report



@dost_pagasa

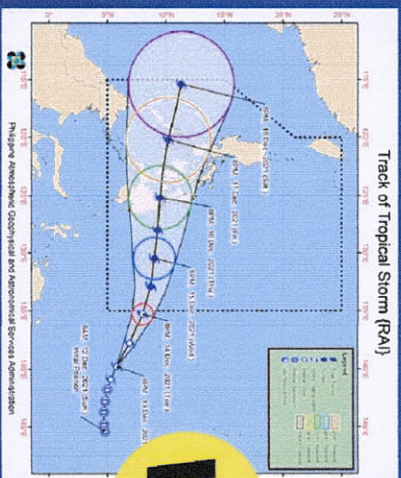


<https://bagong.pagasa.dost.gov.ph>

Everything You Need to Know about the Modified Tropical Cyclone Warning System

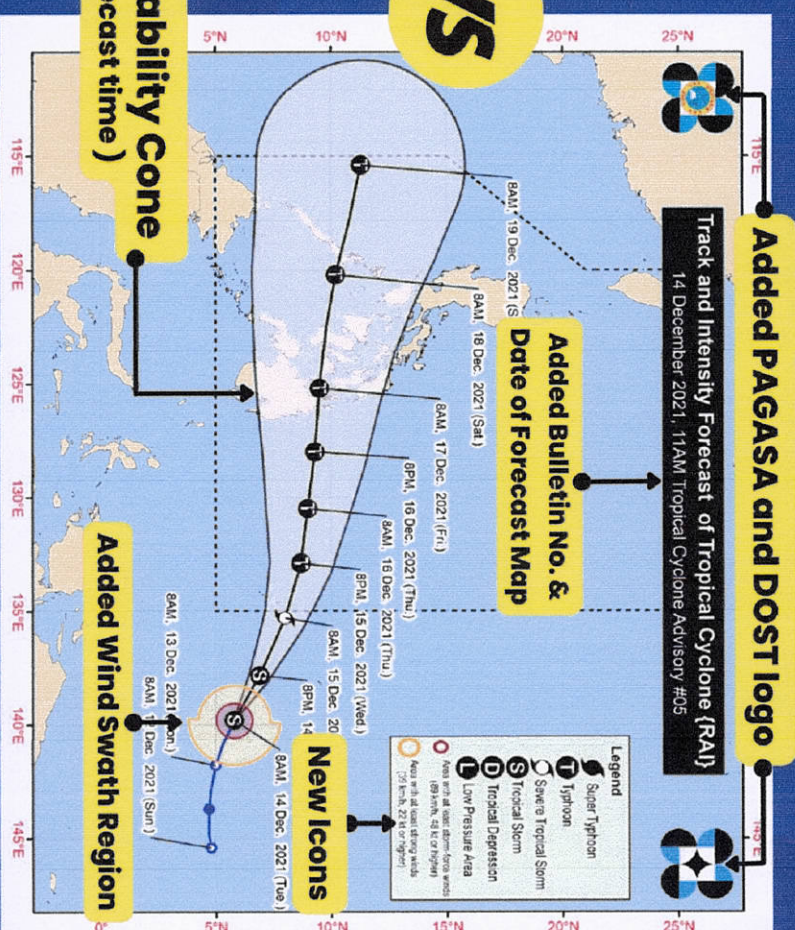
Updated Tropical Cyclone Forecast Chart

Old Chart



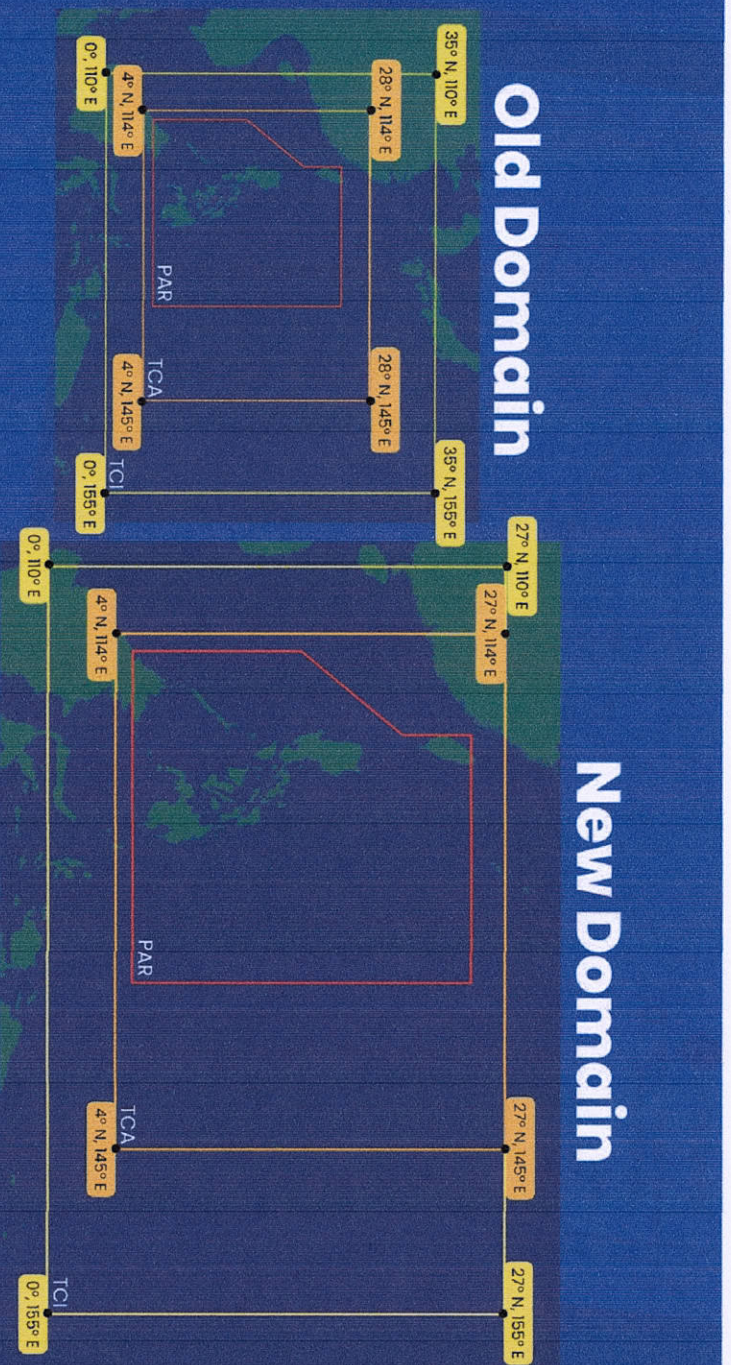
VS

New Chart



Everything You Need to Know about the
**Modified Tropical Cyclone
Warning System**

Updated Tropical Cyclone Forecast Domain



Northernmost limits of **TC Advisory Domain(TCA)** and

TC Information Domain(TCI) is now at **27°N**