



Republic of the Philippines
**Regional Disaster Risk Reduction and
Management Council MIMAROPA**

13 December 2021

MEMORANDUM

No. 226 s. 2021

**FOR : RDRRMCs MEMBER AGENCIES
CHAIRPERSONS P/C/LDRRMCs MIMAROPA**

**SUBJECT : PREPARATIONS FOR TROPICAL DEPRESSION OUTSIDE PAR
(ODETTE)**

Based on DOST – PAGASA Tropical Cyclone Advisory No. 3, at 10:00AM today, the center of the Tropical Depression was estimated based on all available data at 1,760 km East of Mindanao (5.2°N, 141.6°E) (outside the PAR). Maximum sustained winds of 55 km/h near the center, gustiness up to 70 km/h, and central pressure of 1002 hPa. Moving Westward at 10 km/h. The tropical depression is forecast to move generally west northwestward and will likely enter the PAR region as a severe tropical storm on Tuesday (14 December) evening. Once inside PAR, the domestic name “ODETTE” will be assigned to this tropical cyclone. The west northwestward movement is forecast to continue until Wednesday (15 December) morning. Afterwards, the tropical cyclone will turn westward and may make landfall in the vicinity of Caraga or Eastern Visayas by Thursday (16 December) afternoon or evening. This tropical cyclone is forecast to gradually intensify within the forecast period and may reach typhoon category by Wednesday. A peak intensity of around 150 km/h may be reached prior to landfall. The highest possible wind signal that may be hoisted is TCWS #3. Localities situated in the eastern portions of Visayas and Mindanao may be placed under TCWS #1 as early as Tuesday afternoon or evening. Also based on the DOST PAG-ASA's WRF model issued at 2:00 AM, 13 December 2021, the passage of this tropical cyclone may bring heavy to torrential rainfall over Southern Luzon.

In this connection, all RDRRMC Member Agencies and Chairperson of LDRRMCs are hereby directed to undertake the following preparedness actions in connection with the Tropical Depression outside PAR.

1. Monitor closely the bulletins, warning and other advisories issued by DOST-PAGASA, DENR-MGB and other surveillance agencies. Cross validate the current situation with the Doppler radar images, satellite images, and other science-based monitoring and forecasting tools;
2. Initiate Pre-Disaster Risk Assessment (PDRA) at the local level. Further, coordinate with the DILG for the LDRRMCs to conduct respective local PDRA and undertake preparedness based on Operation LISTO, as appropriate;
3. Strengthen risk communication and localize the warning to communities within respective areas of responsibility;
4. Ensure adherence to the NDRRMC's guidelines on COVID-19 Preparedness Measures for the anticipated rainy season;
5. Conduct of early and immediate pre-emptive evacuation, instead of a reactionary evacuation, to not only ensure the protection of the communities but the safety of the responders as well. Prioritize areas considered as highly vulnerable to flooding, landslide, and storm surge.
6. Conduct early suspension of work and classes as necessary.
7. Issuance and strict implementation of no sail policy in areas expected to be affected by the weather disturbance, and constant monitoring of coastal areas for compliance of all fishing vessels and privately owned seacrafts.
8. Continued observance of COVID-19 safety protocols throughout the preparedness and response operations.



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13 Dec 21

9. RDRRMC Member Agencies and LDRRMCs are required to submit their Situational Report regularly, highlighting the latest situation update, preparedness measures, summary of damages and response needs, to the RDRRM Operations Center thru email address ocd4_mimaropa@yahoo.com.
10. For guidance and compliance.

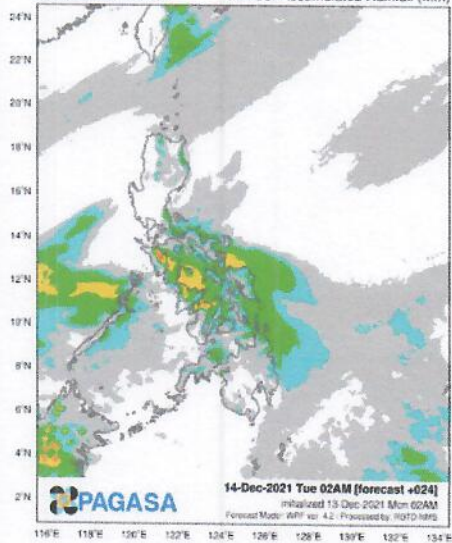
 13 Dec 21
MGEN RUBEN L. CARANDANG, PAF (RET)

Regional Director, OCD MIMAROPA
Chairperson, RDRRMC MIMAROPA



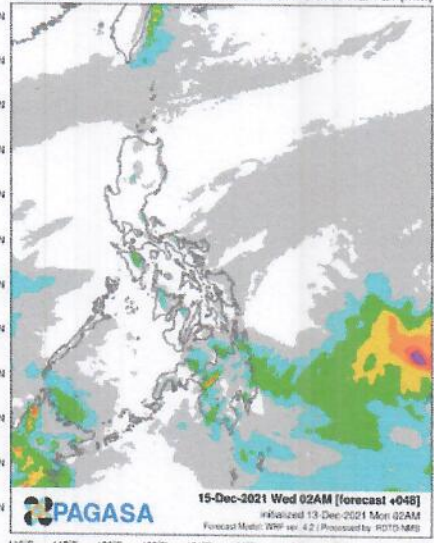
Predicted 24-Hour Total Rainfall (Today through Wednesday)
Based on: PAGASA-WRF 2AM, 13 December 2021 run

PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



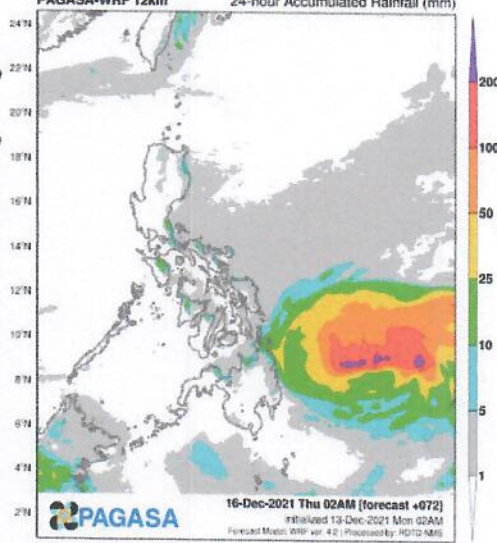
Today (13 Dec)

PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



Tomorrow (14 Dec)

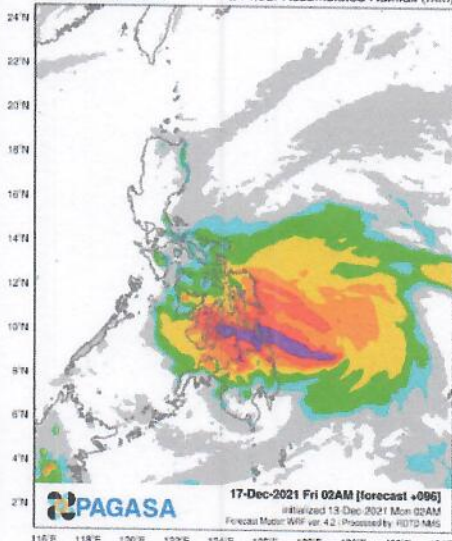
PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



Wednesday (15 Dec)

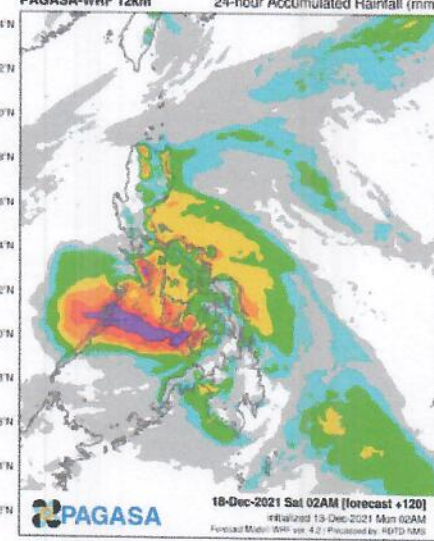
Predicted 24-Hour Total Rainfall (Thursday through Saturday)
Based on: PAGASA-WRF 2AM, 13 December 2021 run

PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



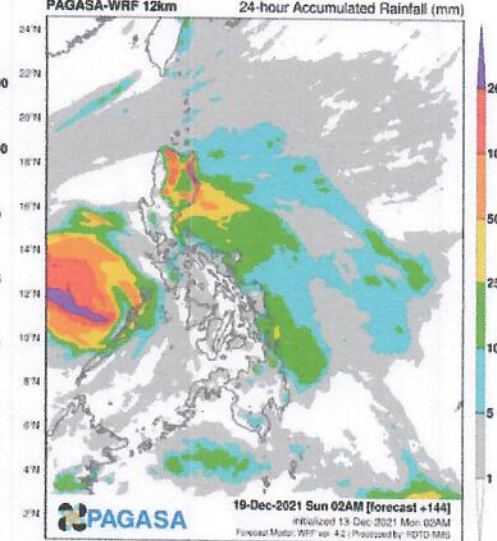
Thursday (16 Dec)

PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



Friday (17 Dec)

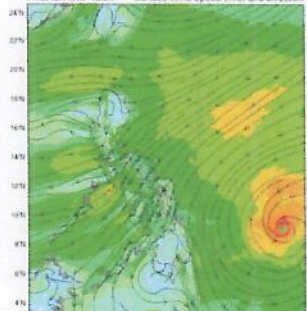
PAGASA-WRF 12km 24-hour Accumulated Rainfall (mm)



Saturday (18 Dec)

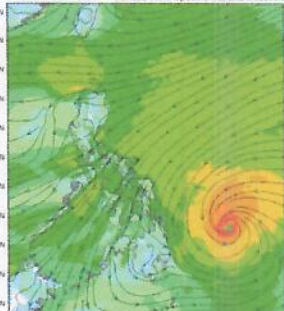
Predicted Surface Winds (Wednesday through Friday) Based on: PAGASA-WRF 2AM, 13 December 2021 run

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



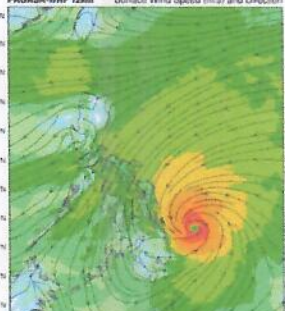
PAGASA
15-Dec-2021 Wed 06AM (forecast +074)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



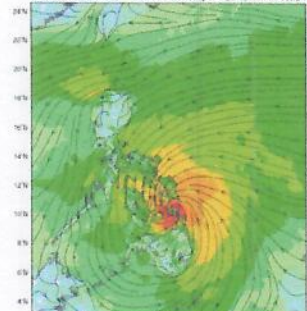
PAGASA
15-Dec-2021 Wed 06PM (forecast +086)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



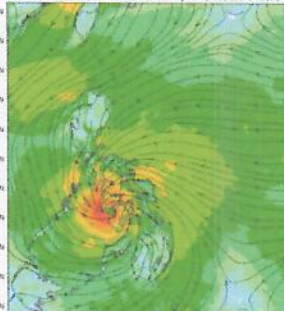
PAGASA
16-Dec-2021 Thu 06AM (forecast +076)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



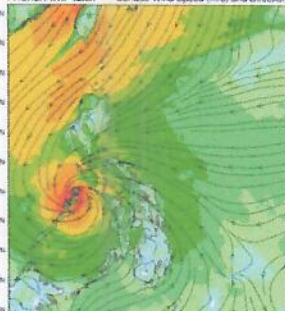
PAGASA
16-Dec-2021 Thu 06PM (forecast +090)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



PAGASA
17-Dec-2021 Fri 06AM (forecast +102)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

PAGASA-WRF 12km Surface Wind Speed (m/s) and Direction



PAGASA
17-Dec-2021 Fri 06PM (forecast +114)
Initiated: 13 Dec 2021 Mon 02AM
Forecast Model: WRF ver. 4.2.1, Prepared by: PZO/DSMO

Note:

This is to contextualize the predicted rainfall by WRF presented in the earlier slide.