



TC QUERUBIN (2024)

SitRep No. 3 for TC QUERUBIN (2024)

December 20, 2024, 8:00 AM

On 17 December 2024, at 2:00 PM, the LPA east of Mindanao developed into a Tropical Depression "QUERUBIN".

At 11:00 PM, Tropical Depression "QUERUBIN" moves north northeastward over the waters east of Mindanao.

On 18 December 2024, 4:00 AM, the center of Tropical Depression "QUERUBIN" was estimated based on all available data at 230 km East of Davao City or 205 km East of Tagum City, Davao del Norte (7.5°N, 127.7°E) with maximum sustained winds of 45 km/h near the center, gustiness of up to 55 km/h, and central pressure of 1004 hPa moving north northeastward at 10 km/h. At 5:00 AM, Tropical Cyclone Wind Signal (TCWS) No. 1 was hoisted over Davao Oriental at.

At 10:00 AM, the center of Tropical Depression QUERUBIN was estimated based on all available data at 195 km East of Hinatuan, Surigao del Sur (8.5°N, 128.1°E).

As of 11:00 AM, Tropical Cyclone Wind Signal (TCWS) No. 1 was hoisted over Surigao del Sur.

At 2:00 PM, Tropical Depression "QUERUBIN" weakened into a Low Pressure Area.

At 4:00 PM, the Low Pressure Area (Formerly "QUERUBIN") was estimated based on all available data at 275 km East of Surigao City, Surigao del Norte (9.5°N, 128.0°E).

As of 5:00 PM, All Tropical Cyclone Wind Signal has been lifted



REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

**TC QUERUBIN (2024)
ACTIONS TAKEN**

National

NDRRM Operations Center (NDRRMOC)

- Issued NDRRMC Memorandum No. 385, s. 2024 re Minimum Preparedness Checklist and guidance ICOW TC "QUERUBIN" and Shear Line.
- Continuous monitoring and coordination with OCDROs and NDRRMC Member-Agencies.
- Activated the National IACC and conducted meetings since 09 December 2024.

DOST-Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

- Continuous weather monitoring and provision of weather updates to all stakeholders.

DENR-Mines and Geosciences Bureau (MGB)

- Released Flood and Rain-induced Landslide Advisory for TC "QUERUBIN" and Shear Line valid from 17 to 22 December 2024.
- Provided the List of Barangays Susceptible to Landslides and Floodings based on the DOST-PAGASA Rainfall Data GSM and WRF 72hr.
- Posting of Geohazard Threat Advisories to MGB Social Media Accounts.
- 24/7 manning of the OpCen and processing of acquired rainfall data (observed and accumulated forecast) from DOST-PAGASA for the list of barangays to be affected by the various weather systems.

Department of the Interior and Local Government (DILG)

- Issued and disseminated the DILG Advisory on Low Pressure Area East of Mindanao, dated 16 December 2024, to all concerned LGUs to continuously coordinate with their respective RDRRMCs and to enjoin all LGUs, especially those in areas that have recently experienced extended or prolonged rain events and/or landslides/floods within their respective areas of responsibility, and to ensure the implementation of the recommended mitigation and preparedness measures.

Department of Health (DOH)

- Drafted a memorandum for the Kanlaon Lahar advisory due to heavy rainfall focusing on the health risks and actions to be taken for dissemination to CHDs VI, VII and NIR.
- Activated Code White Alert in DOH Central Office.
- Disseminated Weather Alert Memorandum to the CHDs.
- Attended a Pre-Disaster Risk Assessment (PDRA) Meeting.
- Coordinated with DOST-PAG-ASA on the monitored LPA.

Department of Agriculture (DA)

- Issued DA Bulletin advising farmers and fisherfolks to perform the following preparedness measures:
 1. Regularly monitor the latest local weather information and updates;
 2. Harvest mature crops;
 3. Secure seed reserves, planting materials and other farm inputs in safe and proper storage areas;
 4. Relocate farm machineries, equipment and other farm tools to higher ground;
 5. Secure sufficient feeds and water for the possible relocation of animals;



REPUBLIC OF THE PHILIPPINES

NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

6. Clear drainage in irrigation and rice paddies from obstructions to prevent flooding and promote fast drainage of water.

Department of Education (DepEd)

- Issued DRRMS Memorandum on the activation of DRRM Teams.
- Monitored the effects of hazards in affected regions and divisions.
- Checked-in in virtual EOC of the NDRRMC.
- Disseminated Weather Advisories to affected regions and divisions, DepEd Quick Response and Recovery Team (QRRT), and Education Cluster Partners.
- Conducted a coordination meeting with the Regional DRRM Coordinators and Engineers on the submission of documentary requirements for National Indemnity Insurance Program.
- Recorded videos regarding Safety Tips for a Joyful and Safe Christmas and New Year Celebration ready for dissemination.

Regional Disaster Risk Reduction and Management Council

TC QUERUBIN (2024) ACTIONS TAKEN

OCD VI

OCD

- Conducted PDRA Meeting ICOW the LPA & ITCZ on December 17, 2024 at 02:00 PM;
- Disseminated the RDRRMC Memo for Preparedness Actions and Precautionary Measures ICOW ITCZ, Shearline and other weather disturbances;
-

DOST-PAGASA

- Presented the PAGASA weather update ICOW "LOW PRESSURE AREA";
- Continuous dissemination of weather forecast/weather updates and advisories.
- Provided update on other Weather Disturbances affecting WV

MGB

- Disseminated MGB cumulative list of barangays susceptible to Landslides and flooding based on the DOST-PAGASA Rainfall Data models;
- Presented the List of Barangays Susceptible to Flooding and Landslides RDRRMC PDRA Meeting.

NIA

- Continue monitoring dam water levels and provide regular updates on their Facebook page every 3 hours.

OCD IX

OCD

- Conducted PDRA Meeting ICOW the LPA & ITCZ on December 17, 2024 at 02:00 PM.
- Disseminated the RDRRMC Memo for Preparedness Actions and Precautionary Measures ICOW ITCZ, Shearline and other weather disturbances.
- Directed concerned LGUs for the conduct of preemptive evacuations, especially in flood-prone or landslide-prone areas.



REPUBLIC OF THE PHILIPPINES

NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

- Heightened Monitoring and intensified provision of warnings and instructions to the public through all available channels thru laymanize approach. Emphasize safety measures and evacuation procedures.
- Maintained full coordination with the national level for additional resources and support.
- Mapped out and ensuring evacuation centers are fully operational, with necessary supplies, medical services, and personnel in place.
- Issued Memorandum re: Raising of Blue Alert for TC “QUERUBIN” and Shearline effective 17 December 2024.

OCD Caraga

OCD

- Conducted Pre-Disaster Risk Assessment Meeting ICOW “LOW PRESSURE AREA/TD QUERUBIN” on December 17, 2024 at 3:00 PM.
- Disseminated advisories through SMS, email, and social media platforms.
- Joined NDRRMC Virtual EOC for “LOW PRESSURE AREA”.
- Caraga RDRRMC is continuously operating on 24/7 for swift coordination, monitoring, and situational updates.
- Advised all RDRRMC member-agencies and Local DRRMCs to submit reports on their additional preparedness measures to RDRRMC Operations Center through email at civildefensecaraga@gmail.com.

DSWD

- Coordinated with SWAD Team Leaders and LDRRMOs on the status of their AORs’ weather situations.
- Coordinated with coastguards, PPA, and other partners.
- FO Caraga DRMD QRT is now activated due to the threats of LPA.
- FO Caraga DRMD QRT conducted assessment in terms of preparedness and response.
- FO Caraga DRMD QRT ensured full capacity (i.e., workforce, relief augmentation, etc.).
- FO Caraga constantly monitored the weather condition updates.
- Mobile Command Center (MCC) is on standby mode and ready for deployment.
- Advanced Data Gathering for Assistance Preparedness for Protection (AGAPP) is on standby and ready for use.
- DRMD ensured availability of funds especially for trucking services.

DOST-PAGASA

- Presented the PAGASA weather update ICOW “LOW PRESSURE AREA”.
- Continuous dissemination of weather forecast/weather updates and advisories.
- Provided update on other Weather Disturbances affecting Caraga Region.

MGB

- Disseminated MGB cumulative list of barangays susceptible to Landslides and flooding based on the DOST-PAGASA Rainfall Data models.
- Presented the List of Barangays Susceptible to Flooding and Landslides during the Caraga RDRRMC PDRA Meeting.

DILG

- Advised all LGUs to closely monitor their AOR for possible effects of “LOW PRESSURE AREA” and implement preparedness measures detailed in the Operation Listo.

PIA

- Attended Regional PDRA Meeting.
- Continuous monitoring of TD Querubin, Rainfall Alerts, and weather updates.



- Warning and information dissemination for possible floodings due to anticipated intense rains.
- Informed and prepared the public through the dissemination of up-to-date information on TD Querubin.
- Monitored and disseminated weather updates from DOST-PAGASA.
- Disseminated situation reports from the data gathered in the Province of Dinagat Islands (PDI) and Agusan del Sur.
- Monitored the updates from the Mines and Geo-Sciences Bureau (MGB) Caraga on the areas in the region which are susceptible to floodings and landslides.
- Monitored and disseminated the situation report on the increasing water level of Agusan River along several municipalities of Agusan del Sur.
- Closely coordinating with the Office of Civil Defense (OCD) and member agencies of Caraga Regional Disaster Risk Reduction and Management Council (RDRRMC) for timely, accurate and relevant updates re TD Querubin.

PCG

- Issued Notice to Mariners (CGSSDS-1224-003), dated 19 December 2024 re: Lifting of Temporary Suspension of Voyage of all vessels/water crafts with 15 GT and below.
- Issued Notice to Mariners (CGSSDS-1224-001), dated 16 December 2024 re: Temporary Suspension of Voyage of all vessels/water crafts with 15 GT and below.
- Conducted inventory on SAR equipment.
- On stand-by for possible resource augmentation.

SURIGAO DEL NORTE

- Attended Regional PDRA Meeting.
- Issued PDRRMC Advisory No. 1 rea: "Localized Cancellation/Suspension of Classes for Low Pressure Area", dated 16th December 2024.
- On 24/7 close monitoring of the weather and water level of rivers and tributaries under AOR.
- The Provincial DRRM Emergency Operations Center is undergoing close monitoring of TD QUERUBIN as it travels NORTHEAST of Mindanao, through a mixture of data collected from external agencies, such as DOST-PAGASA Mindanao PRSD, JMA-SATAID, and PANAHON, as well as internal systems such as Weather Link and the OpCen Flood Monitoring System.;
- Activated Emergency Operations Center and in constant coordination with local government units and other agencies to prepare for the potential impacts of TD "QUERUBIN".

SURIGAO DEL SUR

- Attended Regional PDRA Meeting.
- Disseminated weather updates/warnings/advisories to PDRRMC members, C/MDRRMCs and BDRRMCs.
- On 24/7 monitoring of weather updates and water level of rivers and tributaries within AOR.
- Prepositioned search and rescue equipment and SAR teams.
- LGU Cagwait, Surigao del Sur issued Executive Order No. 45, s. 2024, dated 17th December 2024 re: Prohibiting the Sailing and Swimming in Rivers, Seas, and Other Bodies of Water in the Municipality of Cagwait for the Public Safety and Welfare Relative to the Weather Disturbance Tropical Depression "QUERUBIN" and Shearline.

DINAGAT ISLANDS

- Attended Regional PDRA Meeting.
- Issued PDRRMC Memorandum Order No. 12-08 re: "Pre-Disaster Risk Assessment (PDRA) Meeting for the Threat of Low Pressure Area (LPA) with High Probability to Develop a Tropical Cyclone" dated December 17, 2024.
- Conducted PDRA Meeting.

AGUSAN DEL NORTE

- Attended Regional PDRA Meeting.



REPUBLIC OF THE PHILIPPINES

NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

- Disseminated weather updates/warnings/advisories to PDRRMC member-agencies, C/MDRRMCs and BDRRMCs.
- On 24/7 close monitoring of the weather and water level of rivers and tributaries under AOR;
- Prepositioned search and rescue equipment and SAR teams on standby.
- MDRRMCs activated EOC for continuous monitoring its respective AORs for possible and appropriate response actions.

AGUSAN DEL SUR

- Disseminated weather updates/warnings/advisories to PDRRMC members-agencies, C/MDRRMCs and BDRRMCs.
- Advised all LDRRMOs to undertake precautionary measures giving emphasis on proactive measures.
- Conducted massive information dissemination on precautionary measures.