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MEMORANDUM

TO : THE REGIONAL EXECUTIVE DIRECTORS
Regions CAR, I, II, III, NCR, IV-A, IV-B, V, VI, VII, and VIII

FROM : THE UNDERSECRETARY
Field Operations – Luzon, Visayas and Environment

SUBJECT : **PRESENTATION OF THE MINES AND GEOSCIENCES BUREAU OPCEN DURING THE AUGUST 19, 2022 NDRRMÇ WEATHER UPDATE RELATIVE TO THE LOW-PRESSURE AREA AT 1,325 KM EAST OF CENTRAL LUZON**

DATE : SEP 05 2022

This pertains to the Memorandum dated 19 August 2022 by the Director, Mines and Geosciences Bureau, submitting the presentation of the Bureau during the Weather Update conducted last August 19, 2022 highlighting the list of barangays that may be affected by flood and rain-induced landslide due to the rainfall brought about by the low pressure area (LPA) and Habagat.

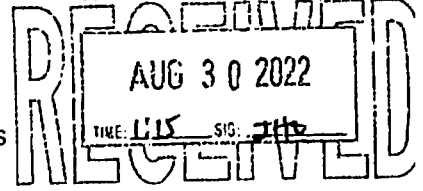
Attached is the presentation of the Bureau on the matter per region for reference.


ATTY. JUAN MIGUEL T. CUNA, *CESO I*



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DEPT. OF ENVIRONMENT AND NATURAL RESOURCE
RECORDS MANAGEMENT DIVISION



MEMORANDUM

FOR : The Secretary
Department of Environment and Natural Resources

THRU : The Undersecretary
Field Operations and Environment
Department of Environment and Natural Resources

FROM : The Director
This Bureau

SUBJECT : Presentation of the Mines and Geosciences Bureau OpGen during the August 19, 2022 NDRRMC Weather Update Relative to the Low-Pressure Area at 1,325 km East of Central Luzon

DATE : 19 August 2022

Relative to the development of a low-pressure area at 1,325 km East of Central Luzon, the persistence of the southwest monsoon (Habagat) across various parts of the country, and the cascading hazards of affected areas of the Mw 7.0 Abra earthquake last July 27, 2022, and the Mw 5.9 earthquake in Maguindanao last August 13, 2022, the Mines and Geosciences Bureau Central and Regional Offices have activated their respective Geohazard Operation Centers for vigilant monitoring of flood and landslide incidents within their jurisdictions. Additionally, the Central Office has been constantly sending out barangay listings using GSM and WRF Rainfall Data provided by DOST-PAGASA.

With this, we are respectfully submitting the presentation of this Bureau during the Weather Update conducted last August 19, 2022, highlighting the list of barangays that may be affected by flood and rain-induced landslide due to the rainfall brought about by the LPA and Habagat.

Further, included in the presentation are the lists of areas that have experienced high antecedent rainfall recorded by PAGASA weather stations. Despite some of these areas not included in the recent barangay lists, the local government units (LGUs), through their Local Disaster Risk Reduction and Management Offices (LDRRMOs), are advised to vigilantly monitor their areas of jurisdiction due to the oversaturation of the grounds from the high antecedent rainfall, which increases the probability of flood and rain-induced landslide events to occur. Representative pictures from various regions, as reported by MGB Regional Offices, are shown in the presentation.

Moreover, the MGB Regional Offices CAR and No. I have conducted post-disaster geohazard assessments in select sites, as requested by the LGUs and previously identified as critical. Drone surveys were also utilized in their assessments, with



accompanying pictures, results, and recommendations enclosed in the attached reports.

For your information and further instruction.


ATTY. WILFREDO G. MONCANO,
Encl.: as stated



**MINES &
GEOSCIENCES
BUREAU**
Office of the Director

082822-0005



08/28/2022 MEMORANDUM 3:00 PM