



REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**

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

JUN 22 2021

**MEMORANDUM**  
No. 60, s. 2021

**TO :** ALL MEMBERS OF DISASTER RISK REDUCTION AND MANAGEMENT COUNCILS AT THE NATIONAL, REGIONAL, PROVINCIAL, CITY, MUNICIPAL LEVELS AND BARANGAY COMMITTEES, HEADS OF NATIONAL GOVERNMENT AGENCIES, CONSTITUTIONAL OFFICES, STATE UNIVERSITIES AND COLLEGES, GOVERNMENT OWNED AND/OR CONTROLLED CORPORATIONS, AND PRIVATE STAKEHOLDERS

**SUBJECT :** NDRRMC Monitoring Dashboard (NMD) Mobile Application

*Reference: NDRRMC Memorandum No. 88, s. 2020 dated 23 October 2020 re Full Utilization NDRRMC Monitoring Dashboard*

The NDRRMC Monitoring Dashboard (NMD), accessible through the NDRRMC website (<https://www.ndrrmc.gov.ph>), was launched by the Office of Civil Defense (OCD) in October 2020 to streamline the delivery of disaster response services using electronic means. The NMD presents data about hazards and events that are digitally organized based on regional location, date and time of occurrence, and other relevant information. All data displayed in the dashboard are obtained from the published reports of relevant technical and warning agencies from the government of the Philippines.

**WEATHER SITUATION:** It contains advisories about the current weather situation.

**FLOOD ADVISORY:** This portion provides information on the list of rivers and tributaries of major river basins which are likely to be affected by the current weather situation.

**DAM SITUATION:** It provides warning on water level and opening of gates of dams operated in the country.

**EARTHQUAKE AND TSUNAMI:** This contains information about earthquake and tsunami incidents monitored.

**VOLCANIC:** This portion provides daily updates on the activities and alert status of volcanoes raised to Alert Level 1 or higher.

**INCIDENTS MONITORED:** Natural and human-induced small- to medium-scale incidents monitored are recorded and reported thru this portion.

As follow through, the OCD through the Operations Service (OS) proceeded to develop its Mobile application. On 04 June 2021, its mobile application was launched in the Google Play Store available for free download by android mobile device users. Further, on 08 June 2021, the NDM Mobile Application was presented to the NDRRMC Full Council Meeting.

All Members of Disaster Risk Reduction and Management Councils at the National, Regional, Provincial, City, Municipal Levels and Barangay Committees, Heads of National Government Agencies, Constitutional Offices, State Universities and Colleges, Government Owned and/or Controlled Corporations, and Private Stakeholders are enjoined to download the NMD Mobile Application to be notified on the latest advisories and updates from warning agencies and other relevant sources.

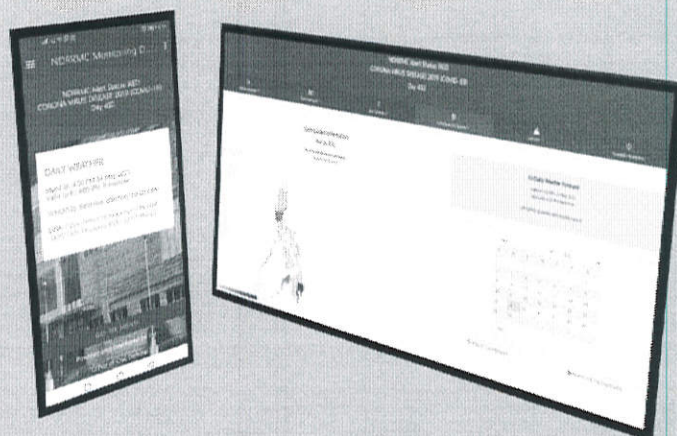
For information and guidance.

For the Chairperson, NDRRMC:



**UNDERSECRETARY RICARDO B JALAD**  
Executive Director, NDRRMC and  
Administrator, OCD

# NDRRMC Monitoring Dashboard Mobile Application



**USEC RICARDO B JALAD**  
Executive Director, NDRRMC and  
Administrator, OCD

## NDRRMC Monitoring Dashboard Mobile Application

- Developed and programmed in-house by OCD
- Provides mobile version of the NDRRMC Monitoring Dashboard: [monitoring-dashboard.ndrrmc.gov.ph](http://monitoring-dashboard.ndrrmc.gov.ph)
- Requires internet connection
- Capable of notification for new advisories received
- For Android users only



# NDRRMC Memo No. 88 s 2020

Provides for the full utilization of NDRRMC Monitoring Dashboard

Accessible via NDRRMC website



**MEMORANDUM**  
No. 88, s. 2020

**TO:** ALL MEMBERS OF DISASTER RISK REDUCTION AND MANAGEMENT COUNCILS AT THE NATIONAL, REGIONAL, PROVINCIAL, CITY, MUNICIPAL LEVELS AND BUREAU/AGENCY RISK REDUCTION AND MANAGEMENT COMMITTEES, HEADS OF NATIONAL GOVERNMENT AGENCIES, CONSTITUTIONAL OFFICES, STATE, UNIVERSITIES AND COLLEGES, GOVERNMENT OWNED AND/OR CONTROLLED CORPORATIONS, AND PRIVATE STAKEHOLDERS

**SUBJECT:** Full Utilization of NDRRMC Monitoring Dashboard

In the effort to expedite the delivery of disaster response services using appropriate means, the NDRRMC Memorandum is hereby issued to provide for the full utilization of the NDRRMC Monitoring Dashboard. Accessible via <https://www.ndrrmc.gov.ph>, the NDRRMC Monitoring Dashboard provides monitoring and integration of hazards and events based on information from reporting agencies, OCD Regional Offices and other stakeholders. The dashboard presents data about hazards and events that are directly organized under the regional location, date and time of occurrence, and other relevant information.

Specifically, the NDRRMC Monitoring Dashboard provides information on the following:

- Earthquake Information:** The Dashboard provides information on occurrence of earthquakes with magnitude 3.0 and above. The source of information is Department of Science and Technology-Pagasa Institute of Earthquake and Seismology (IDST-PAGASA/IES).
- Tsunami Information:** The Dashboard provides information on tsunami activities and activities. The source of information is (IDST-PAGASA/IES).
- Volcano Advisory:** The Dashboard provides information on the regular volcanic monitoring by the Bureau, Region and Division. The source of information is (IDST-PAGASA/IES).
- Flash Flood Advisory:** The Dashboard provides information about localities that are involved with flash flooding (15 mm to 30 mm of rainfall observed within one hour and expected to continue in the next 2 hours), Excess Rainfall (15 mm to 30 mm of excess observed, and expected to continue in the next 2 hours), or Rain Warning (more than 30 mm of rainfall observed within one hour and expected to continue in the next 2 hours). The source of information is Department of Science and Technology-Programs, Atmospheric, Geophysical and Astronomical Services Administration (IDST-PAGASA).

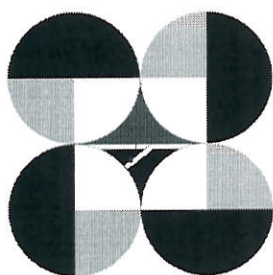
For information and guidance,

- General Flood Advisory:** The Dashboard provides information about the forecast weather, forecast rainfall, and the watercourses that are likely to be affected by flood. The source of information is (IDST-PAGASA).
- Cala Warning:** The Dashboard provides information about the location and critical areas that are provided with data warning to help inform the communities that is relevant into the levels of water due to rising wind, sea state, and other associated hazards. The source of information is (IDST-PAGASA).
- Severe Weather Bulletin:** The Dashboard provides information and warning about specific weather advisories such as tropical cyclones, the source of information is (IDST-PAGASA).
- Incidents Monitored:** The Dashboard provides information about major incidents caused by various natural and human-induced hazards, based on reports from the OCD Regional Offices and other relevant information sources.

For the Chairperson, NDRRMC:  
**USO CAROLINA B. JALAO**  
Executive Director, NDRRMC and Administrator, OCD



# Sources of Data for NDRRMC Monitoring Dashboard



PHIVOLCS

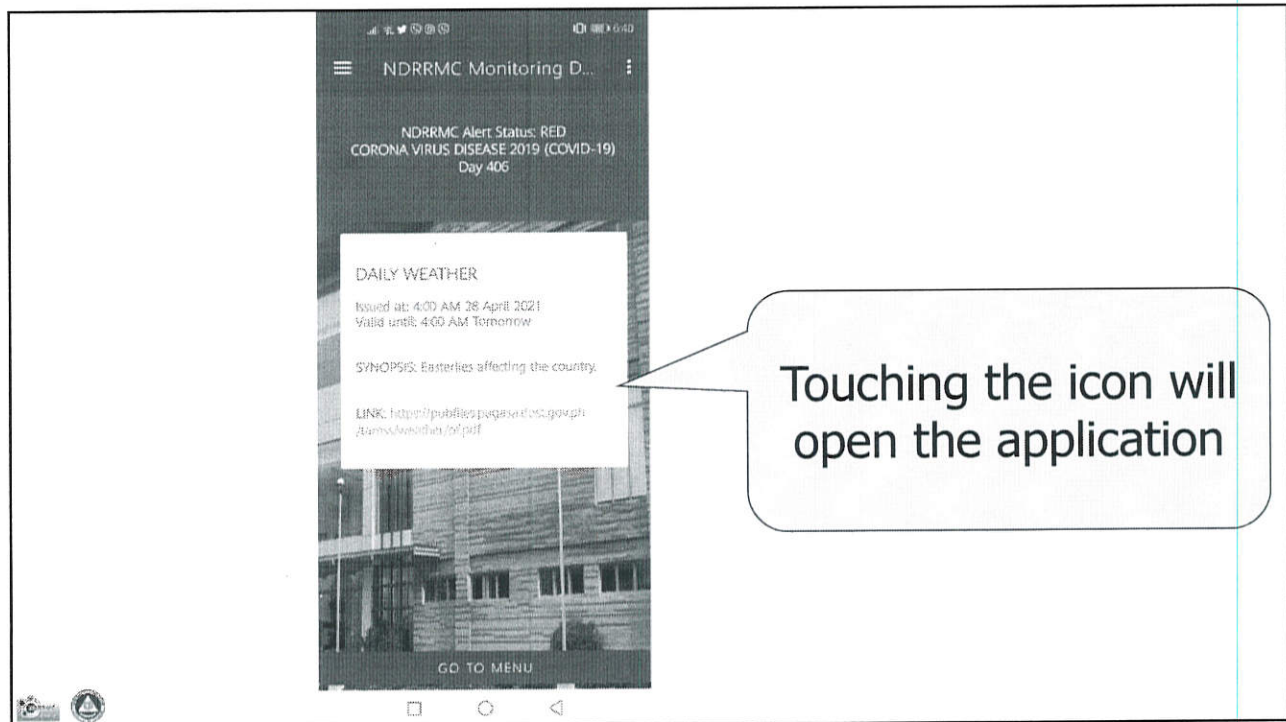
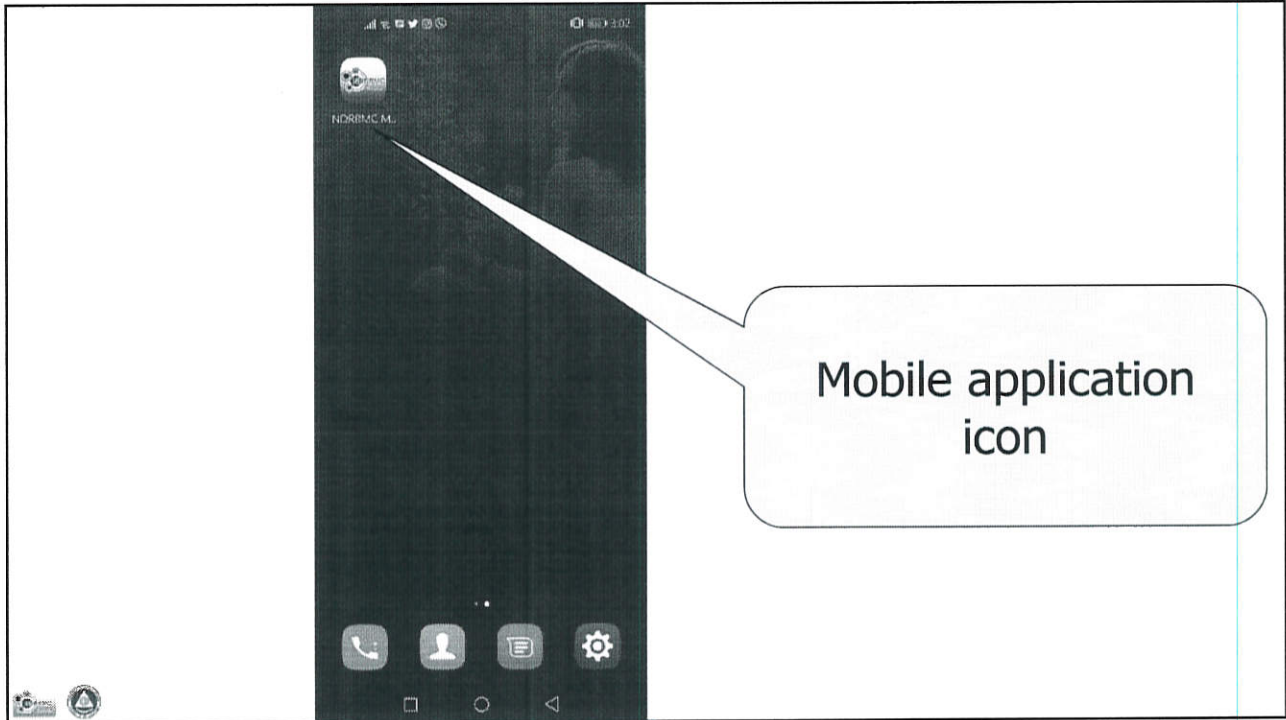


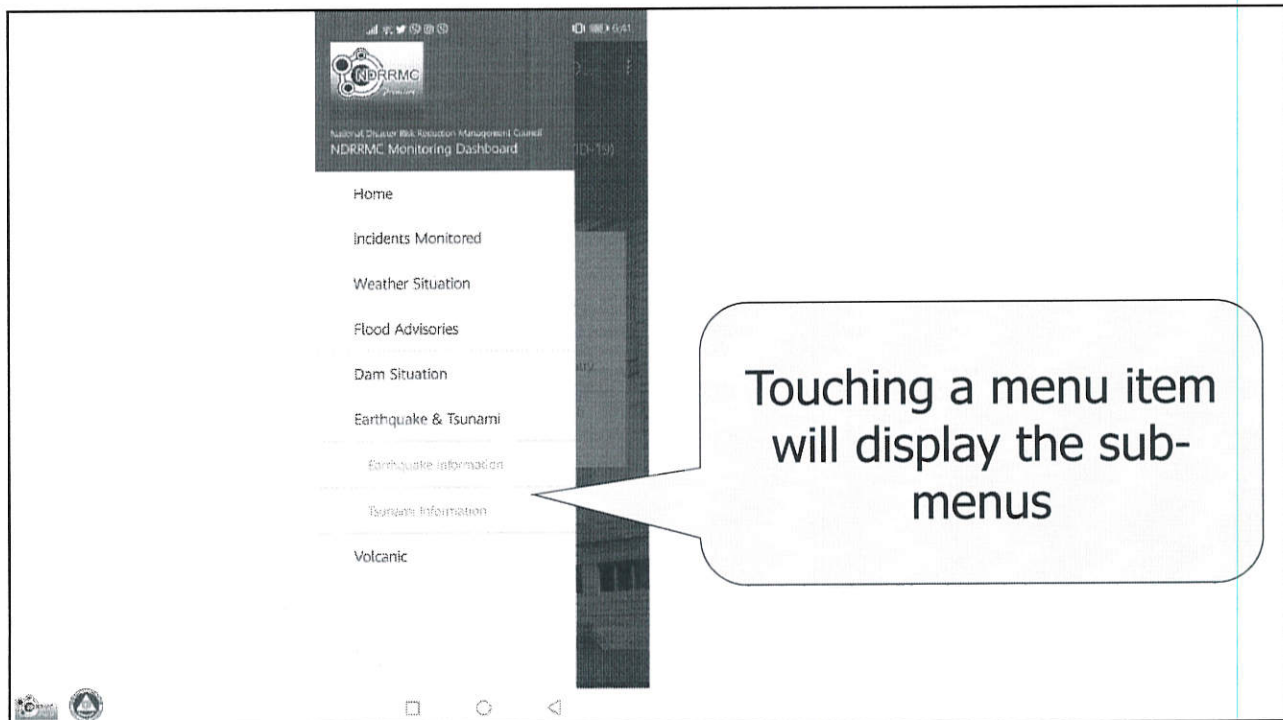
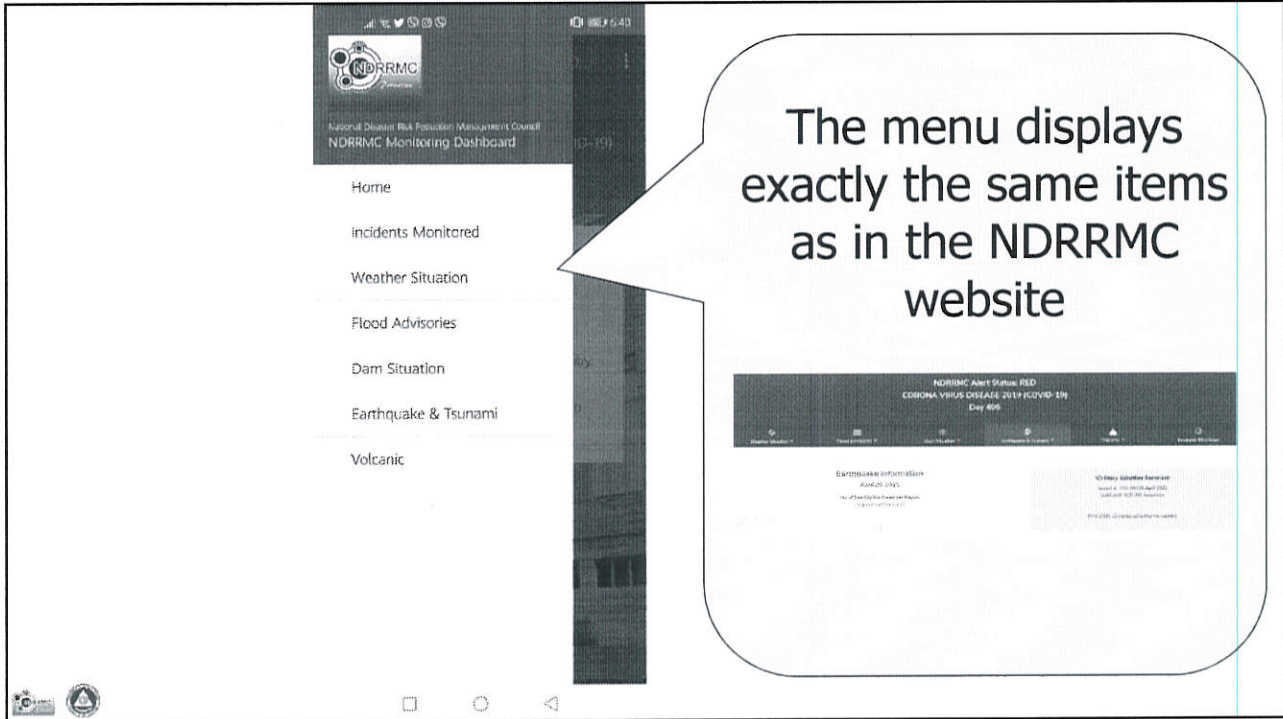
PAGASA

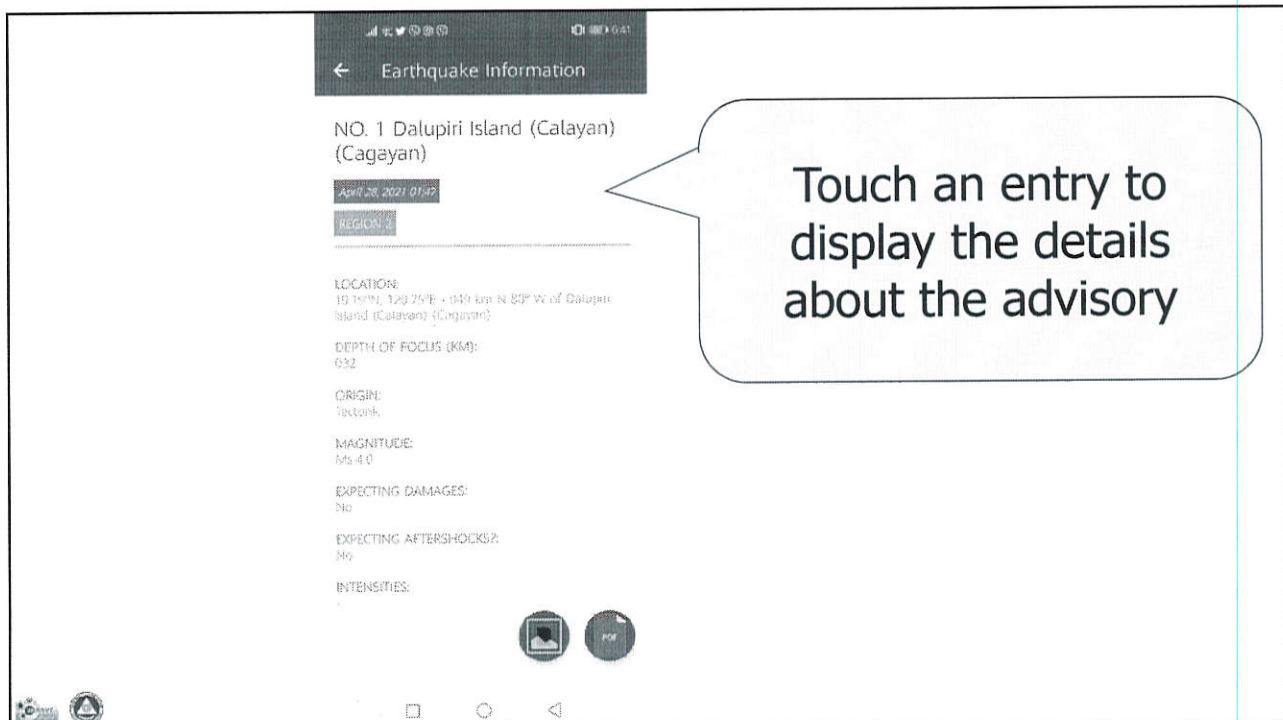
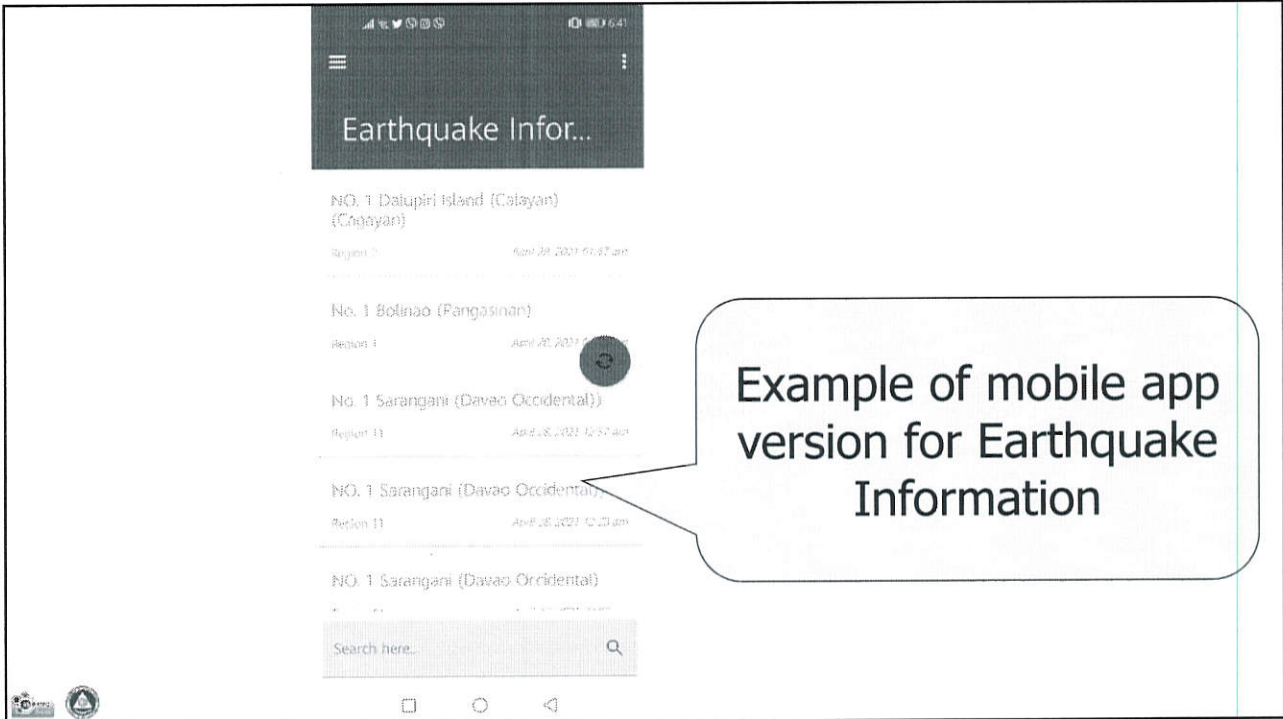


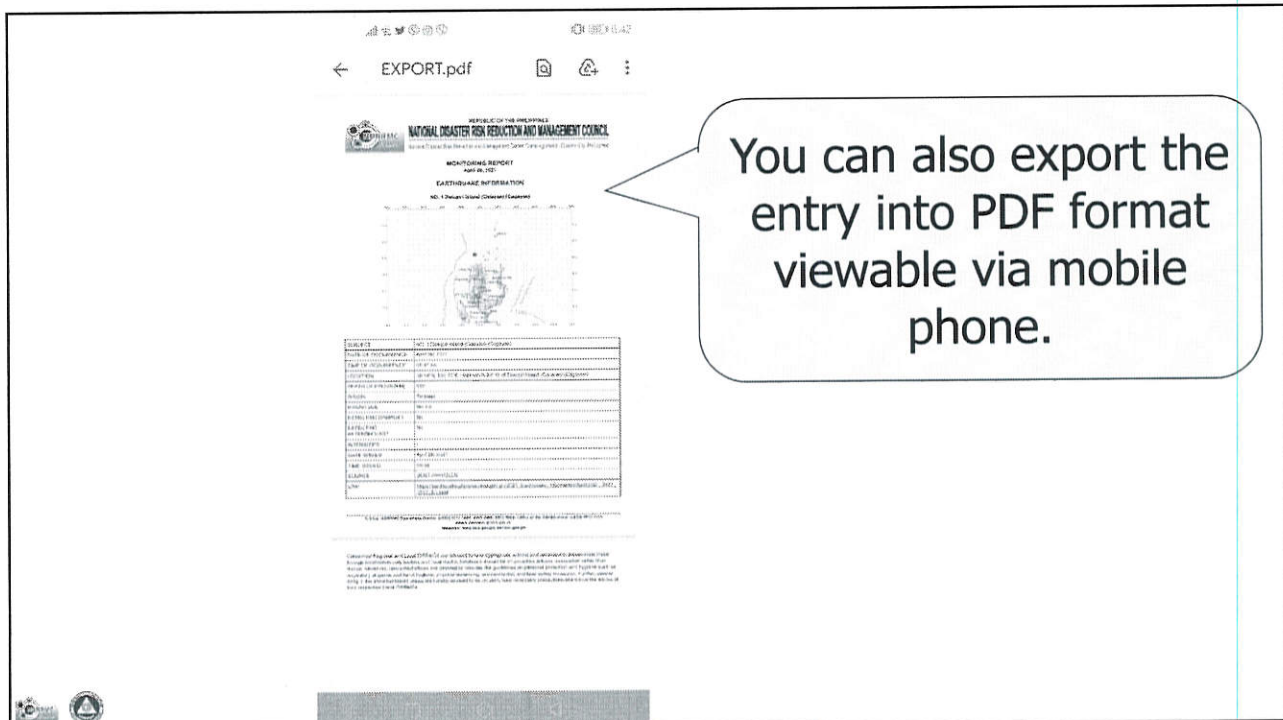
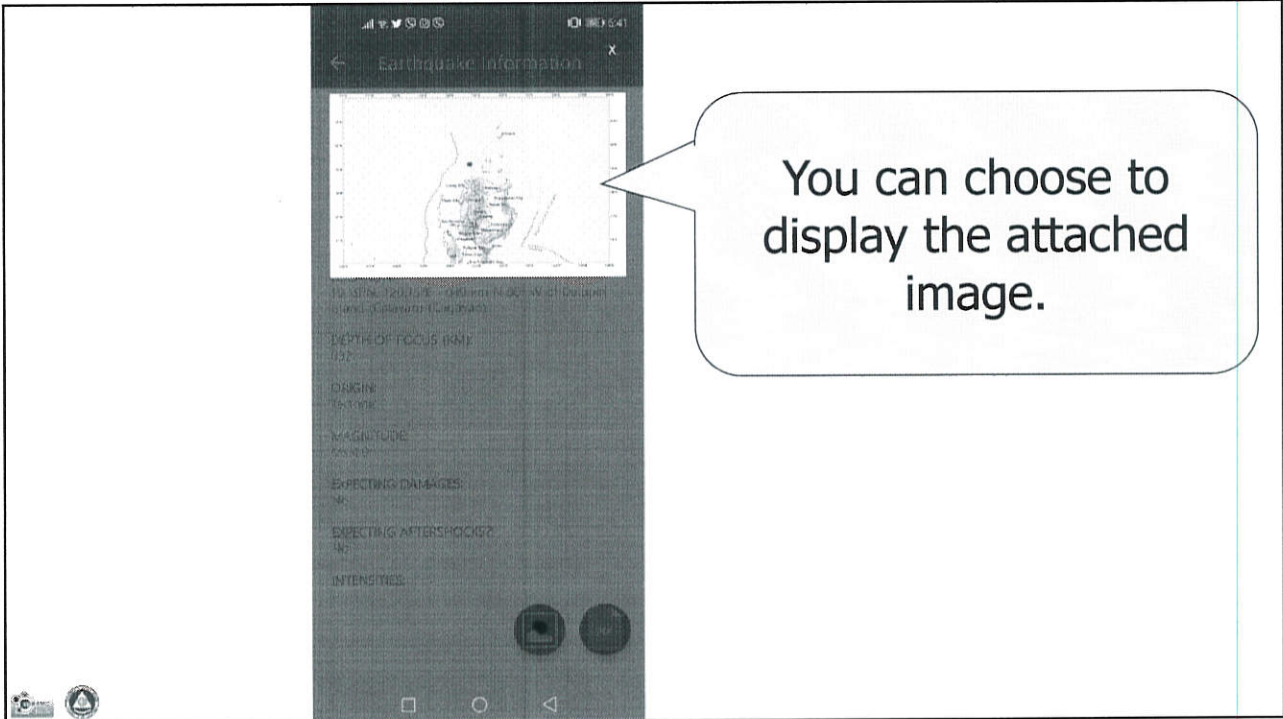
OCD



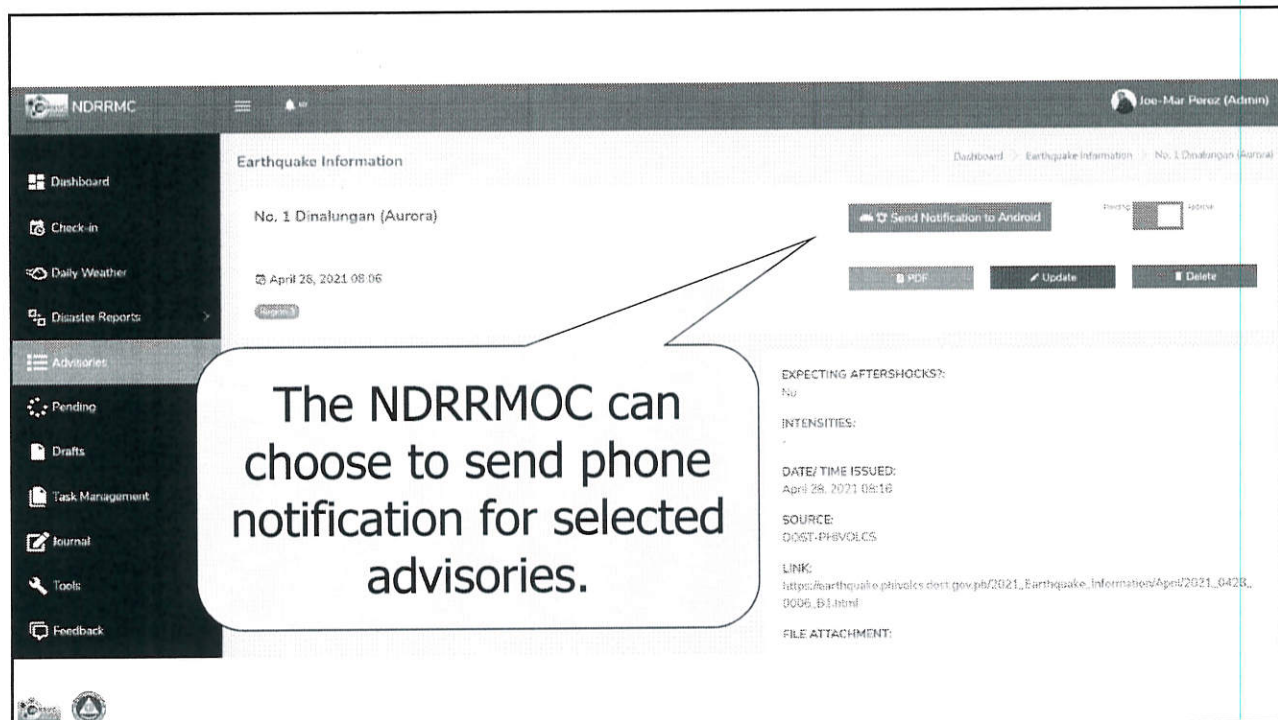
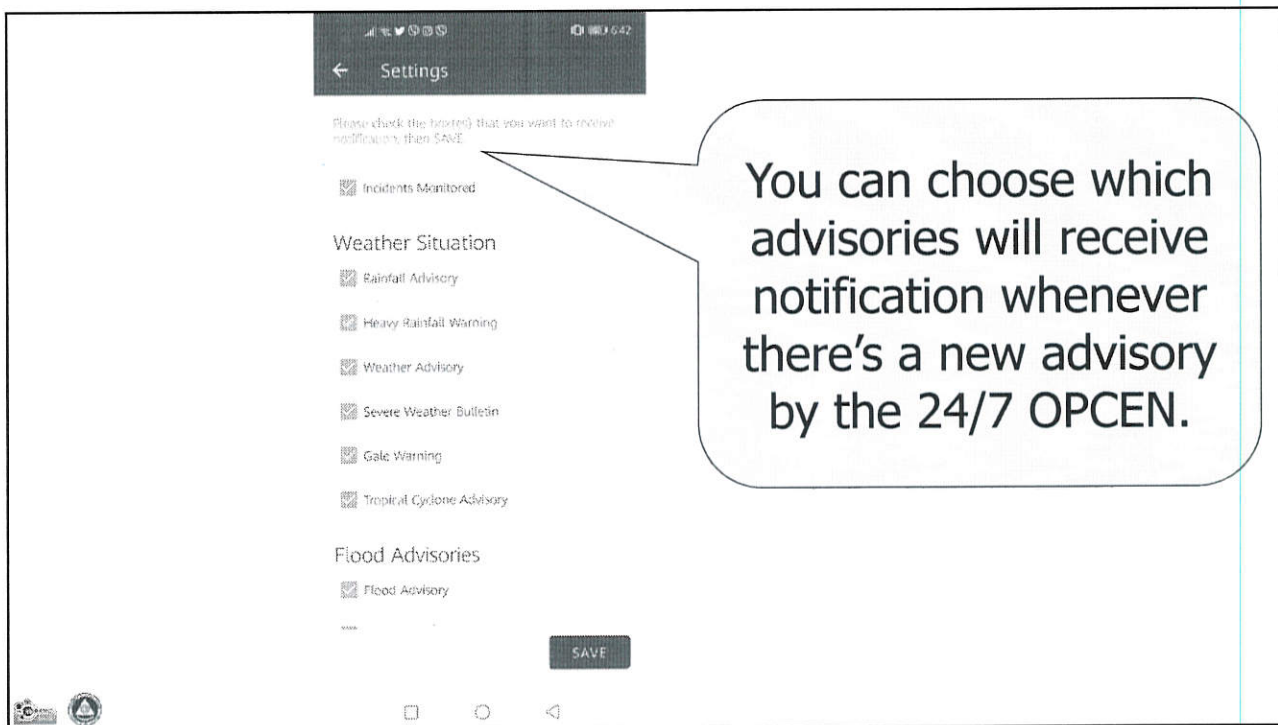




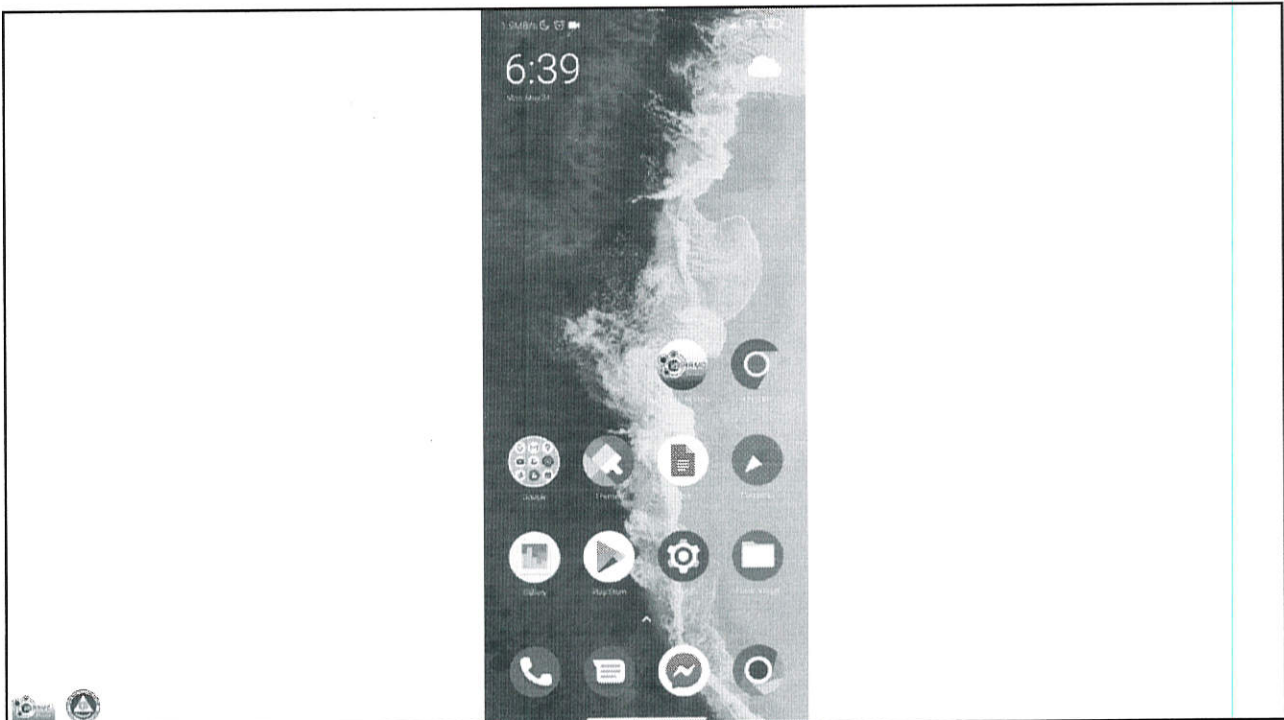









The screenshot shows the NDRRC (National Disaster Reporting and Reporting Center) web interface. The page title is "Earthquake Information" and the user is logged in as "Joe-Mar Perez (Admin)". A success message at the top states: "Success! Android Push Notification has been sent to all devices!". The main content area displays details for an earthquake event titled "No. 1 Dinalungan (Aurora)", dated "April 28, 2021 08:06". The event details include: LOCATION: 16.66°N, 122.10°E - 035 kms S 26° E of Dinalupihan (Aurora); DEPTH OF FOCUS (KM): 624; ORIGIN: Tectonic; MAGNITUDE: Ms 3.1; and EXPECTING DAMAGE?: No. A "Send Notification to Android" button is visible, along with "PDF", "Update", and "Delete" buttons. A callout box with a pointer to the "Send Notification to Android" button contains the text: "Once sent, all phones with mobile app installed will receive notification about the advisory." A URL is visible at the bottom right: [https://earthquake.phivolc.gov.ph/2021\\_Earthquake\\_Information/April/2021\\_0428\\_0006\\_B1.html](https://earthquake.phivolc.gov.ph/2021_Earthquake_Information/April/2021_0428_0006_B1.html)

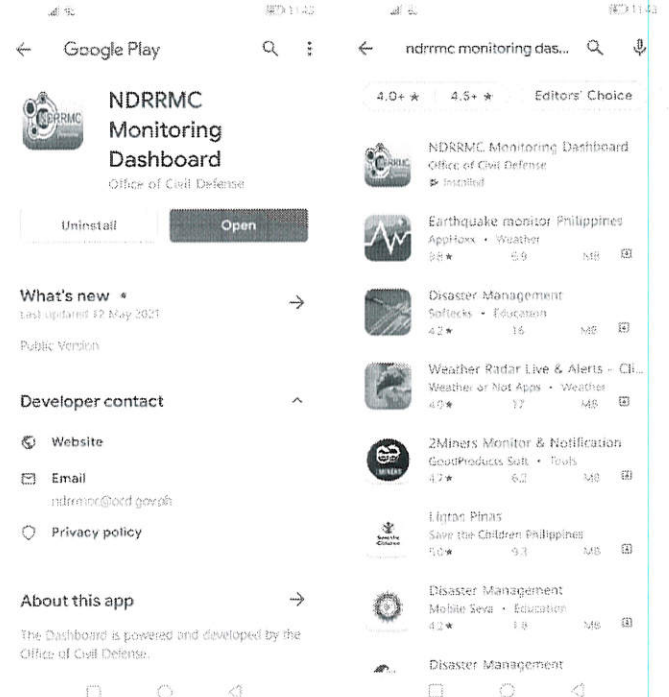


# NDRRMC Monitoring Dashboard

is now available for download for FREE at



Google Play



The screenshot shows the Google Play Store page for the 'NDRRMC Monitoring Dashboard' app. The app is developed by the Office of Civil Defense and has a 4.0+ star rating. It is currently installed on the device. The page includes options to 'Uninstall' or 'Open' the app. Below this, there is a 'What's new' section indicating the last update was on 12 May 2021. A 'Developer contact' section provides a website, email (ndrrmc@ocd.gov.ph), and privacy policy link. The 'About this app' section states that the dashboard is powered and developed by the Office of Civil Defense. On the right side of the screenshot, a list of other related apps is visible, including 'Earthquake monitor Philippines', 'Disaster Management Softcks', 'Weather Radar Live & Alerts', 'ZMiners Monitor & Notification', 'Ligtas Pinas', and 'Disaster Management Mobile Seva'.

