



UDRRMU UPDATE

Final Situational Report (Sitrep) No. 02 re Preparedness Measures and Effects for Typhoon “ROLLY” (I.N. GONI)

Releasing Officer:

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CPADM OIC/UDRRMU Secretariat

DATE: 02 November 2020, 5:00 PM

I. SITUATION OVERVIEW

A. Chronology and Tracking

30 October 2020

According to the Philippine Atmospheric Geophysical and Astronomical Services Administration (PAGASA), as of 5:00AM today, Typhoon (TY) “ROLLY” intensifies as it moves westward at 20 km/h. Its maximum sustained wind is 140 km/h near the center and gustiness of up to 170 km/h. The location of TY “ROLLY” is located based on all available data at 1,185 East of Central Luzon.



The location of TY “ROLLY” was located at 1,100 km East of Central Luzon at 10:00 AM. While at 11:00 AM, TY “ROLLY” continues to intensify with maximum sustained winds of 165 km/h near the center and gustiness of up to 205 km/h as it moves westward at 15 km/h. It is forecast to move west-southwestward this afternoon until Saturday evening. Afterwards, the typhoon will turn west-northwestward as it moves over the sea off the coast of Bicol Region towards the eastern coast of Aurora-Quezon area. On the forecast track, the center of the eye of “ROLLY” is likely to make landfall over the Aurora-Quezon area on Sunday evening or Monday early morning. The typhoon is forecast to continuously intensify over the Philippine Sea and is likely to make landfall at peak intensity of 175-185 km/h. No locality is currently under Tropical Cyclone Wind Signal (TCWS).

At 10:00 PM the eye of TY "ROLLY" was located at 895 km East of Casiguran, Aurora. At 11:00 PM, it continues to rapidly intensify and is nearing super typhoon category with maximum sustained winds of 215 km/h near the center and gustiness of up to 265 km/h. TCWS #1 was raised over Catanduanes, Camarines Norte & Sur, Albay, Sorsogon, Masbate, Quezon, Rizal, Marinduque, Romblon, Northern Samar and portions of Eastern Samar.

31 October 2020

As of 5:00AM, Typhoon (TY) "ROLLY" maintains its strength as it moves closer towards Bicol Region. as it moves westward at 20 km/h. Its maximum sustained wind is 215 km/h near the center and gustiness of up to 265 km/h moving westward at 20 km/h. TCWS #2 was raised over Catanduanes, Eastern portion of Camarines Sur, Albay and Sorsogon while TCWS #1 was raised over the following: Camarines Norte, rest of Camarines Sur, Masbate, Quezon, Rizal, Laguna, Cavite, Batangas, Marinduque, Romblon, Occidental Mindoro, Oriental Mindoro, Metro Manila, Bulacan, Pampanga, Bataan, Zambales, Nueva Ecija, Aurora, Pangasinan, Benguet, Ifugao, Nueva Vizcaya, Quirino, and the Southern portion of Isabela, Northern Samar, northern portion of Eastern Samar, and the northern portion of Biliran.

At 7:00 AM today, the eye of Typhoon "ROLLY" was located based on all available data at 540 km East Northeast of Virac, Catanduanes with maximum sustained winds of 215 km/h near the center and gustiness of up to 265 km/h. TCWS #2 was raised over Catanduanes, Camarines Norte, Camarines Sur, Albay, Sorsogon, Burias Island, and the southeastern portion of Quezon. Meanwhile TCWS #1 was raised over the rest of Masbate including Ticao Island, the rest of Quezon including Polillo Islands, Rizal, Laguna, Cavite, Batangas, Marinduque, Romblon, Occidental Mindoro including Lubang Island, Oriental Mindoro, Metro Manila, Bulacan, Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija, Aurora, Pangasinan, La Union, Benguet, Ifugao, Nueva Vizcaya, Quirino, the southern portion of Isabela, Northern Samar, the northern portion of Samar, the northern portion of Eastern Samar, and the northern portion of Biliran.

At 10:00 AM, the eye of TY "ROLLY" was located at 480 km East Northeast of Virac, Catanduanes. It maintains its strength as it moves West-Southwestward towards Bicol Region at the speed of 20 km/h. TCWS #3 was raised over Catanduanes. TCWS #2 was raised over the central and southern portions of Quezon including Polillo Islands, Camarines Sur and Norte, Albay, Sorsogon, Burias and Ticao Islands, Marinduque, and Northern Samar. TCWS #1 was raised over the rest of Masbate, the rest of Quezon, Rizal, Laguna, Cavite, Batangas, Romblon, Occidental Mindoro including Lubang Island, Oriental Mindoro, Metro Manila, Bulacan, Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija, Aurora, Pangasinan, La Union, Benguet, Ifugao, Nueva Vizcaya, Quirino, the southern portion of Isabela, the northern portion of Samar, the northern portion of Eastern Samar, and Biliran.

At 2:00 PM, TY "ROLLY" continues to move west-southwestward towards Bicol Region while maintaining its strength. At 1:00 PM today, the eye of Typhoon "ROLLY" was located at 410 km East Northeast of Virac, Catanduanes and is moving west southwestward at 15 km/h. TCWS #3 was raised over Catanduanes, the northeastern portion of Camarines Sur, and the northeastern portion of Albay while TCWS #2 was raised over the southeastern portion of Laguna, Quezon including Polillo Islands, Camarines Norte, the rest of Camarines Sur, the rest of Albay, Sorsogon, the northern portion of Masbate including Ticao and Burias Islands, Marinduque, Romblon, and Northern Samar. TCWS #1 was raised over the rest of Masbate, Rizal, the rest of Laguna, Cavite, Batangas, Occidental Mindoro including Lubang Island, Oriental Mindoro, Metro Manila, Bulacan, Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija,

Aurora, Pangasinan, La Union, Benguet, Ifugao, Nueva Vizcaya, Quirino, the southern portion of Isabela, the northern portion of Samar, the northern portion of Eastern Samar, and Biliran.

At 5:00 PM, TY "ROLLY" maintains its strength as it moves towards Bicol Region. TCWS #3 was raised over Catanduanes, the eastern portion of Camarines Sur, and Albay. TCWS #2 was raised over Bulacan, Rizal, Metro Manila, Laguna, Cavite, Batangas, Quezon including Polillo Islands, Camarines Norte, the rest of Camarines Sur, Sorsogon, Masbate including Ticao and Burias Islands, Marinduque, Romblon, Oriental Mindoro, Occidental Mindoro including Lubang Island, Northern Samar, the northern portion of Samar, and the northern portion of Eastern Samar. While TCWS #1 was raised over Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija, Aurora, Pangasinan, La Union, the southern portion of Ilocos Sur, Mountain Province, Benguet, Ifugao, Nueva Vizcaya, Quirino, and the central and southern portions of Isabela, Calamian Islands, the rest of Eastern Samar, the rest of Samar, the northern portion of Leyte, Biliran, the northwestern portion of Aklan, and the northwestern portion of Antique.

At 8:00 PM, TY "ROLLY" maintains its strength as it threatens Bicol Region with maximum sustained winds of 215 km/h near the center and gustiness of up to 265 km/h. TCWS #4 was raised over Catanduanes and the eastern portion of Camarines Sur while TCWS #3 was raised over Camarines Norte, the rest of Camarines Sur, Albay, Sorsogon, Burias and Ticao Islands, Marinduque, the southern portion of Quezon, and Northern Samar. TCWS #2 was raised over Pampanga, Bulacan, the southern portion of Nueva Ecija, the southern portion of Zambales, Bataan, Metro Manila, Rizal, Cavite, Batangas, Laguna, the southern portion of Aurora, the rest of Quezon including Polillo Islands, the rest of Masbate, Romblon, Oriental Mindoro, Occidental Mindoro including Lubang Island, the northern portion of Samar, the northern portion of Eastern Samar, the extreme northern portion of Antique, and the northwestern portion of Aklan. TCWS #1 was raised over the rest of Zambales, Tarlac, the rest of Nueva Ecija, the rest of Aurora, Pangasinan, La Union, the southern portion of Ilocos Sur, Mountain Province, Benguet, Ifugao, Nueva Vizcaya, Quirino, the central and southern portions of Isabela, Calamian Islands, Biliran, the northern portion of Antique (Sebaste, Culasi), the rest of Aklan, the northern portion of Capiz, and the northern portion of Iloilo.

At 11:00 PM, Bicol Region is now under serious threat as TY "ROLLY" continues to move closer towards Catanduanes with maximum sustained winds of 215 km/h near the center and gustiness of up to 265 km/h. TCWS #4 was raised over Catanduanes, the eastern portion of Camarines Sur, and the northern portion of Albay. TCWS #3 was raised over Camarines Norte, the rest of Camarines Sur, the rest of Albay, Burias and Ticao Islands, Sorsogon, Quezon, Laguna, Rizal, the eastern portion of Batangas, Marinduque, the northern portion of Oriental Mindoro, the northern portion of Romblon, and Northern Samar. TCWS #2 was raised over The rest of Masbate, the rest of Romblon, the rest of Oriental Mindoro, Occidental Mindoro including Lubang Island, the rest of Batangas, Cavite, Metro Manila, Bulacan, Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija, the central and southern portion of Aurora, the southern portion of Quirino (Nagtipunan), the southern portion of Nueva Vizcaya, Pangasinan, the northern portion of Samar, the northern portion of Eastern Samar, the extreme northern portion of Antique, and the northwestern portion of Aklan. TCWS #1 was raised over The southern portion of Cagayan, Isabela, the rest of Quirino, the rest of Nueva Vizcaya, the southern portion of Apayao (Conner), Kalinga, Abra, Mountain Province, Ifugao, Benguet, the southern portion of Ilocos Norte, Ilocos Sur, La Union, the rest of Aurora, Calamian Islands, the rest of the northern portion of Antique (Sebaste, Culasi), the rest of Aklan, the northern portion of Capiz, the northern portion of Iloilo (Carles, Balasan, Estancia, Batad), Biliran, the northern portion of Leyte the rest of Samar, and the rest of Eastern Samar.

01 November 2020

At 1:00 AM today, the center of the eye of Typhoon "ROLLY" was located at 110 km East Northeast of Virac, Catanduanes. At 2:00 AM Catanduanes is under extremely dangerous situation as TY "ROLLY" is now hours from landfall over the province. It has the wind strength of 215 km/h near the center and gustiness of up to 265 km/h and is moving west southwestward at 25 km/h. TCWS #4 was raised over Catanduanes, Camarines Norte, Camarines Sur, the northern portion of Albay, and the eastern portion of Quezon. TCWS #3 was raised over The rest of Albay, Burias and Ticao Islands, Sorsogon, the rest of Quezon including Polillo Islands, Laguna, Rizal, Cavite, Batangas, Metro Manila, the southern portion of Bulacan, Marinduque, the northern portion of Occidental Mindoro (Abra de Ilog), northern portion of Oriental Mindoro, the northern portion of Romblon, and Northern Samar. TCWS #2 was raised over the rest of Masbate, the rest of Romblon, the rest of Oriental Mindoro, the rest of Occidental Mindoro including Lubang Island, the rest of Bulacan, Pampanga, Bataan, Zambales, Tarlac, Nueva Ecija, the central and southern portion of Aurora, the southern portion of Quirino (Nagtipunan), the southern portion of Nueva Vizcaya, Pangasinan, The northern portion of Samar, the northern portion of Eastern Samar, the extreme northern portion of Antique, and the northwestern portion of Aklan. TCWS #1 was raised over the southern portion of Cagayan, Isabela, the rest of Quirino, the rest of Nueva Vizcaya, the southern portion of Apayao (Conner), Kalinga, Abra, Mountain Province, Ifugao, Benguet, the southern portion of Ilocos Norte, Ilocos Sur, La Union, the rest of Aurora, Calamian Islands, the rest of the northern portion of Antique (Sebaste, Culasi), the rest of Aklan, the northern portion of Capiz, the northern portion of Iloilo (Carles, Balasan, Estancia, Batad), Biliran, the northern portion of Leyte, the rest of Samar, and the rest of Eastern Samar.

At 4:50 AM today, the center of the eye of Super Typhoon "ROLLY" was located in the vicinity of Bato, Catanduanes. At 5:00 AM "ROLLY" intensifies into Super Typhoon (STY) and makes landfall over Bato, Catanduanes. It has maximum sustained winds of 225 km/h near the center and gustiness of up to 280 km/h. TCWS # 5 was raised over Catanduanes, Albay, and the eastern portion of Camarines Sur. TCWS #4 was raised over Camarines Norte, the rest of Camarines Sur, the northern portion of Sorsogon, Burias Island, the central and southern portions of Quezon, Marinduque, and the northern portion of Romblon. TCWS #3 was raised over The rest of Sorsogon, the northern portion of Masbate including Ticao Island, the rest of Quezon including Polillo Island, Laguna, Batangas, Cavite, Rizal, Metro Manila, Bulacan, Pampanga, Bataan, the southern portion of Zambales, the northern portion of Occidental Mindoro, including Lubang Island, the northern portion of Oriental Mindoro, and Northern Samar. TCWS #2 was raised over Aurora, Nueva Vizcaya, Quirino, Benguet, La Union, Pangasinan, the rest of Zambales, Tarlac, Nueva Ecija, the rest of Oriental Mindoro, the rest of Occidental Mindoro, the rest of Romblon, the rest of Masbate, the northern portion of Samar, and the northern portion of Eastern Samar. Meanwhile TCWS #1 was raised over Mainland Cagayan, Isabela, Apayao, Kalinga, Mountain Province, Ifugao, Abra, Ilocos Norte, Ilocos Sur, Calamian Islands, the rest of the northern portion of Antique, the rest of Aklan, Capiz, the northern portion of Iloilo, the northern portion of Cebu, including Bantayan Islands, Biliran, the rest of Samar, the rest of Eastern Samar, and the northern portion of Leyte.

At 8:00 AM, the center of the eye of Super Typhoon "ROLLY" makes a second landfall over Tiwi, Albay with maximum sustained winds of 225 km/h near the center and gustiness of up to 310 km/h. TCWS #5 was raised over Albay and Camarines Sur. TCWS #4 was raised over Catanduanes, Camarines Norte, the northern portion of Sorsogon, Burias Island, the central and southern portions of Quezon, the central and southern portions of Rizal, Batangas, Cavite, Metro Manila, Laguna, Marinduque, the northern portion of Romblon, the northern

portion of Occidental Mindoro, and the northern portion of Oriental Mindoro. TCWS #3 was raised over the rest of Sorsogon, the northern portion of Masbate, including Ticao Island, the rest of Quezon including Polillo Island, the rest of Rizal, Bulacan, Pampanga, Bataan, the southern portion of Zambales, the central portion of Occidental Mindoro, including Lubang Island, the central portion of Oriental Mindoro, and Northern Samar. TCWS #2 was raised over Aurora, Nueva Vizcaya, Quirino, Benguet, La Union, Pangasinan, the rest of Zambales, Tarlac, Nueva Ecija, the rest of Oriental Mindoro, the rest of Occidental Mindoro, the rest of Romblon, the rest of Masbate, the northern portion of Samar, the northern portion of Eastern Samar, the extreme northern portion of Antique, and the northwestern portion of Aklan. Meanwhile, TCWS #1 was raised over Mainland Cagayan, Isabela, Apayao, Kalinga, Mountain Province, Ifugao, Abra, Ilocos Norte, Ilocos Sur, Calamian Islands, the rest of the northern portion of Antique, the rest of Aklan, Capiz, the northern portion of Iloilo, the northern portion of Cebu, including Bantayan Islands, Biliran, the rest of Samar, the rest of Eastern Samar, and the northern portion of Leyte.

At 11:00 AM, "ROLLY" weakens into a Typhoon and is now off the coast of Pasacao, Camarines Sur with maximum sustained winds of 215 km/h near the center and gustiness of up to 295 km/h. TCWS #4 was raised over Camarines Norte, Camarines Sur, Catanduanes, Albay, the northern portion of Sorsogon, Burias Island, Marinduque, Metro Manila, Cavite, Laguna, Batangas, Rizal, Quezon including Polillo Islands, Pampanga, Bulacan, the southern portion of Aurora, Bataan, the southern portion of Zambales, the northwestern portion of Occidental Mindoro including Lubang Island, and the northern portion of Oriental Mindoro. TCWS #3 was raised over the rest of Sorsogon, the northern portion of Masbate including Ticao Island, the rest of Zambales, Romblon, the rest of Occidental Mindoro, the rest of Oriental Mindoro, Tarlac, the southern portion of Nueva Ecija, the central portion of Aurora, and Northern Samar. TCWS #2 was raised over the rest of Aurora, Nueva Vizcaya, Quirino, Benguet, La Union, Pangasinan, the rest of Nueva Ecija, the rest of Masbate, the northern portion of Samar, the northern portion of Eastern Samar, the extreme northern portion of Antique, and the northwestern portion of Aklan. TCWS #1 was raised over Mainland Cagayan, Isabela, Apayao, Kalinga, Mountain Province, Ifugao, Abra, Ilocos Norte, Ilocos Sur, and the northern portion of Palawan including Calamian and Cuyo Islands, the rest of the northern portion of Antique, the rest of Aklan, Capiz, the northern portion of Iloilo, the northern portion of Cebu, including Bantayan Islands, Biliran, the rest of Samar, the rest of Eastern Samar, and the northern portion of Leyte.

At 2:00 PM, Typhoon "ROLLY" further weakens and is now over Mongpong Pass with strength of 175 km/h near the center and gustiness of up to 240 km/h. TCWS #4 was raised over Camarines Norte, the northwestern portion of Camarines Sur, Marinduque, Metro Manila, Cavite, Laguna, Batangas, Rizal, Quezon including Polillo Islands, Pampanga, Bulacan, the southern portion of Aurora (Dingalan), Bataan, the southern portion of Zambales, the northwestern portion of Occidental Mindoro including Lubang Island, and the northern portion of Oriental Mindoro. TCWS #3 was raised over the rest of Camarines Sur, the rest of Zambales, Tarlac, the southern portion of Nueva Ecija, the central portion of Aurora, the northern portion of Occidental Mindoro (Santa Cruz, Sablayan), Burias Island, the northern portion of Oriental Mindoro, and Romblon. TCWS #2 was raised over the rest of Aurora, Nueva Vizcaya, Quirino, Benguet, La Union, Pangasinan, the rest of Nueva Ecija, Catanduanes, Albay, Sorsogon, the northern portion of Masbate including Ticao Island, the rest of Occidental Mindoro, and the rest of Oriental Mindoro. TCWS #1 was raised over Mainland Cagayan, Isabela, Apayao, Kalinga, Mountain Province, Ifugao, Abra, Ilocos Norte, Ilocos Sur, the rest of Masbate, and the northern portion of Palawan including Calamian and Cuyo Islands, The northern portion of Antique, Aklan, Capiz, the northern portion of Iloilo, and the northwestern portion of Northern Samar.

At 5:00 PM, Typhoon "ROLLY" is now heading towards the southeastern coast of Batangas with maximum sustained winds of 165 km/h near the center and gustiness of up to 230 km/h. TCWS #3 was raised over the southern portion of Zambales, Bataan, the southern portion of Pampanga, the southern portion of Bulacan, Rizal, Quezon including Polillo Islands, Metro Manila, Cavite, Laguna, Batangas, Marinduque, the northwestern portion of Occidental Mindoro, including Lubang Island, and the northern portion of Oriental Mindoro. TCWS #2 was raised over the rest of Zambales, the rest of Pampanga, the rest of Bulacan, the southern portion of Tarlac, the rest of Occidental Mindoro, the rest of Oriental Mindoro, the southern portion of Nueva Ecija, and the southern portion of Aurora. TCWS #1 was raised over Mainland Cagayan, Isabel, Apayao, Kalinga, Mountain Province, Ifugao, Abra, Ilocos Norte, Ilocos Sur, La Union, Benguet, Nueva Vizcaya, Quirino, the rest of Aurora, the rest of Nueva Ecija, the rest of Tarlac, Pangasinan, Camarines Sur, Camarines Norte, Burias Island, Romblon, and Calamian Islands.

At 8:00 PM, TY "ROLLY" continues to weaken and is now over the West Philippine Sea moving westward with maximum sustained winds of 125 km/h near the center and gustiness of up to 170 km/h. TCWS #3 was raised over The southwestern portion of Batangas and the northwestern portion of Occidental Mindoro including Lubang Island. TCWS #2 was raised over Cavite, the rest of Batangas, the northern portion of Oriental Mindoro, and the central portion of Occidental Mindoro. TCWS #1 was raised over the southern portion of Zambales, Bataan, Bulacan, Pampanga, Rizal, Laguna, Metro Manila, and the rest of Occidental Mindoro, the rest of Oriental Mindoro, Calamian Islands, Marinduque, and Quezon including Polillo Islands. **Nueva Ecija is no longer under any Tropical Cyclone Wind Signal.**

At 10:00 PM, "ROLLY" rapidly weakens into a Tropical Storm. Its center was located at 150 km Northwest of Calapan City, Oriental Mindoro or 90 km West Southwest of Sangley Pt., Cavite and is expected to exit the Philippine Area of Responsibility (PAR) on Tuesday morning. Its maximum sustained winds of 85 km/h near the center and gustiness of up to 105 km/h. TCWS #2 was raised over the western portion of Cavite, the western portion of Batangas, and the northern portion of Occidental Mindoro, including Lubang Island. TCWS #1 was raised over the central portion of Occidental Mindoro, the northern portion of Oriental Mindoro, the rest of Batangas, Laguna, the northern and western portion of Quezon, the rest of Cavite, Rizal, Metro Manila, Bulacan, Pampanga, Bataan, and the southern portion of Zambales.

02 November 2020

At 1:00 AM today, the center of Tropical Storm "ROLLY" was estimated based on all available data at 155 km West of Sangley Pt, Cavite or 95 km West Southwest of Subic Bay. "ROLLY" further weakens over the West Philippine Sea off the coast of Bataan with maximum sustained winds of 75 km/h near the center and gustiness of up to 90 km/h. TCWS #1 was raised over The northwestern portion of Occidental Mindoro including Lubang Island, the western portion of Batangas, the extreme western portion of Laguna (San Pedro City, Biñan City), Cavite, Metro Manila, the western portion of Bulacan, the western portion of Pampanga, Bataan, and the southern portion of Zambales. TCWS in other areas have been lifted.

At 4:00 AM today, the center of Tropical Storm "ROLLY" was estimated based on all available data at 100 km West Southwest of Subic Bay. It continues to weaken over the West Philippine Sea with maximum sustained winds of 65 km/h near the center and gustiness of up to 80 km/h. TCWS #1 was still raised over the northwestern portion of Occidental Mindoro including Lubang Island, the western portion of Batangas, the extreme western portion of

Laguna, Cavite, Metro Manila, the western portion of Bulacan, the western portion of Pampanga, Bataan, and the southern portion of Zambales.

At 11:00 AM Tropical Storm (TS) "ROLLY" maintains its strength while moving westward over the West Philippine Sea with maximum sustained winds of 65 km/h near the center and gustiness of up to 80 km/h. Tropical Cyclone Wind Signal has been lifted.

II. EFFECTS

A. AFFECTED POPULATION

- As of 11:00 am, November 1, 2020, one (1) family evacuated at the NEUST Gen Tinio St. Campus
- By 5:45 PM, a total of six (6) families were internally displaced in the NEUST gym
- By 7:00 pm, the total number of families in the NEUST Gen Tinio St. Campus was 15 families with 50 individuals.
- November 2, 2020, as of 8:50 AM, the 12 families returned to their home from the NEUST Gen. Tinio St. campus designated evacuation center.



III. DISASTER PREPAREDNESS AND RESPONSE

A. University Incident Management Team (IMT)

1. Created a Facebook messenger Group Chat for open communication, coordination, and reporting

B. Incident Commander

1. Maintained open communication with the rest of the team
2. Provided order and coordinated with responsible personnel
3. Gave direction and encouragement for the team

C. Command Staff

1. Public Information Officer (Publications and Media Affairs Office/ Management Information System)

- a. Facilitated the request for posting in the official Facebook page
- b. Conducted continuous monitoring and posting of weather advisories
- c. Coordinated with the Planning Section for the posting of Early Warning for Advisories, and IEC materials

2. Safety Officer (University Physician/Civil Security Unit)

- a. Secured the university premises
- b. Ensured the safety of the Local Disaster Management personnel from the Local Government Units, and the evacuees of the Gen Tinio Campus that served as evacuation center

3. Liaison

- a. Maintained communication with the other university personnel

D. Planning Section (College of Public Administration and Disaster Management/ Planning and Development Office)

- a. The CPADM Conducted continuous monitoring of weather advisories, Pantabangan Dam water level, waterways, road networks in the province
- b. Prepared and released Early Warning Advisories
- c. Disseminated IEC and disaster preparedness materials

1. Waterways/Water-level Monitoring

- a. Heavy Rainfall Warning Advisories Over Nueva Ecija

Heavy Rainfall Advisories	Date/Time
Light to Moderate with occasional heavy rains	Nov. 01, 2020, 12:00 PM
Light to Moderate with occasional heavy rains	Nov. 01, 2020, 11:00 AM
No issued rainfall warning advisories over Nueva Ecija for October 30, and 31, 2020	

b. Monitoring of Pampanga River Basin Flood Bulletin

Based on the Flood Bulletin and the Pampanga River Basin Hydrological Forecast, flooding is **Less Likely to Occur** as of November 02, 2020. However there will be a slight rise in water level this afternoon, but the river will remain within it banks.

November 02, 2020
Time Update: 5:30 AM (LST)

**PAMPANGA RIVER BASIN AND ALLIED RIVER BASIN OF PASAC-GUAGUA
HYDROLOGICAL FORECAST**

BASIN SUB-AREA	GENERAL WEATHER CONDITION (FORECAST)	PRESENT RIVER STATUS	FORECAST RIVER TREND	POSSIBLE IMPACTS / RIVER FORECAST
Upper Pampanga River Basin (Coronel-Santor, Digmala, Penaranda, Rio Chico River)	Cloudy skies with rainshowers and thunderstorms. <i>(Maulap na papawirin na may pag-ulan at pagkidlat-pagkulong)</i>	GENERALLY BELOW ALERT LEVEL <i>(Nasa baba na antas ng Alert level ang kailugan)</i> RIO CHICO River still ABOVE ALARM LEVEL at ZARAGOZA STATION Pampanga River at Arayat is ABOVE ALERT LEVEL	SLIGHT rise in river water level <i>(Bahagyang pagtaas ng antas ng kailugan)</i>	River to remain within their banks

Source: Pampanga River Basin Flood Forecasting and Warning Center



Republic of the Philippines
DEPARTMENT OF SCIENCE & TECHNOLOGY
Philippine Atmospheric, Geophysical & Astronomical Services Administration (PAGASA)
Pampanga River Basin Flood Forecasting and Warning Center, Brgy. Malimpis, City of San Fernando, Pampanga, <http://prffwc.synthasite.com>; Tel: (045) 455-1701 / CP: 0999 336 6416

FLOOD BULLETIN # 2 – PAMPANGA RIVER BASIN AND ALLIED RIVER SYSTEM				EXPECTED FLOOD
ISSUED AT 5:30 AM, 02 NOVEMBER 2020				P = POSSIBLE
VALID UNTIL THE NEXT ISSUANCE AT 5:30 PM TODAY UNLESS THERE IS AN INTERMEDIATE BULLETIN				O = OCCUR
AVERAGE BASIN RAINFALL AS OF 5:00 AM TODAY:		FORECAST 24-HR = LESS THAN 15 MM		SITUATION: T = THREATENING F = PERSIST
PAST 24-HR = LESS THAN 15 MM				
BASIN EXPECTED RESPONSE:				
WATER LEVEL STATION (STN)	RIVER/ SWAMP WATER LEVEL (WL) TREND AT STATION	FLOOD SITUATION MESSAGE	PARTICULAR LOW-LYING AREAS	
SAPANG BUHO STN., PAMPANGA RIVER	NOW AT 1.02 M (WAY BELOW 3.70 M. ALERT WL) / A FURTHER SLIGHT RISE UNTIL NOON TODAY; TO REMAIN BELOW ALERT WL	FLOODING IS LESS LIKELY TO OCCUR UNTIL THIS AFTERNOON	RIVERSIDE AREAS OF PALAYAN & CABANATUAN CITIES; STA. ROSA, SAN LEONARDO, GAPAN, SAN ISIDRO, JAEN	
ZARAGOZA STN., RIO CHICO RIVER	NOW AT 3.73 M (ABOVE 3.5 M. CRITICAL WL) / WILL REMAIN STEADY BETWEEN 3.5 M ALERT WL AND 4.5 M CRITICAL WL UNTIL LATER TODAY	FLOODING IS STILL POSSIBLE AT LOW-LYING RIVERSIDE AREAS LATER TODAY	RIVERSIDE AREAS OF LA PAZ (TARLAC); ZARAGOZA, SAN ANTONIO (N.E.)	
ARAYAT STN., PAMPANGA RIVER	NOW AT 5.20 M (ABOVE 5.0 M ALERT WL) SLOW INCREASE AND TO LEVEL-OFF BEFORE NOON; TO REMAIN BELOW 6.0 M ALARM WL UNTIL THIS AFTERNOON	FLOODING IS STILL POSSIBLE IN THE LOW-LYING RIVERSIDE AREAS UNTIL LATER TODAY	RIVERSIDE AREAS OF CABIAO, ARAYAT, SAN LUIS, SAN SIMON, APALIT, CALUMPIT, HAGONÓY	
CANDABA STN., CANDABA SWAMP	NOW AT 5.13 M (ABOVE 5.0 M CRITICAL WL) / WILL REMAIN STEADY JUST ABOVE CRITICAL WL UNTIL THIS AFTERNOON	REMNANTS OF FLOODWATERS TO SLIGHTLY INCREASE	CANDABA SWAMP AREA (SAN LUIS, SAN SIMON, APALIT, SAN MIGUEL, SAN ILDEFONSO, PULILAN)	
SULIPAN STN., PAMPANGA RIVER	NOW AT 2.64 M (ABOVE 2.6 ALERT WL) / SLIGHT INCREASE A BIT FURTHER (AFFECTED BY TIDE) UNTIL THIS AFTERNOON	FLOODING IS STILL POSSIBLE TODAY	RIVERSIDE AREAS OF APALIT, MASANTOL, MACABEBE, CALUMPIT, HAGONÓY, PULILAN	
SASMUAN STN., PASAC-GUAGUA RIVER	NOW AT 2.64 M / FLUCTUATING WL RISE (TIDE INFLUENCED) UNTIL TONIGHT	REMNANTS OF ACCUMULATED RAINWATER TO REMAIN UNTIL THIS AFTERNOON	RIVERSIDE AREAS OF SASMUAN, LUBAO, GUAGUA;	
TIDE-INFLUENCED FLOODING IN THE LOW-LYING RIVERSIDE AREAS TONIGHT BETWEEN 9 PM TO 11 PM (NOVEMBER 01), TO MERGED WITH FLOODING FROM REMNANTS OF ACCUMULATED/ PONDED RAINWATER			BULACAN-PAMPANGA DELTA AREAS	
<p>THE PUBLIC AND LOCAL DISASTER RISK REDUCTION & MANAGEMENT COUNCILS (LDRRMcs) CONCERNED ARE ADVISED TO MAINTAIN THE NECESSARY APPROPRIATE ACTIONS TO MITIGATE THE ADVERSE IMPACTS OF POSSIBLE RIVERINE FLOODING (FLUVIAL), RIVERBANK EROSIONS AND REMNANTS OF FLOODWATER IN THEIR AREA OF CONCERN; TO CONTINUE MONITORING THUNDERSTORM ADVISORIES / HEAVY RAINFALL WARNINGS TO BE ISSUED BY PAGASA REGIONAL SERVICES DIVISION OF THE NATIONAL CAPITAL REGION (NCR-PRSD)</p>				PRFFWC: HTH / RPY

c. Monitoring of Pantabangan Dam Water Level

Based on the monitored Pantabangan Dam water level, it is way below the Normal High Water Level or below the critical spilling level. There is no threat of flooding caused by the dam flood gate opening.

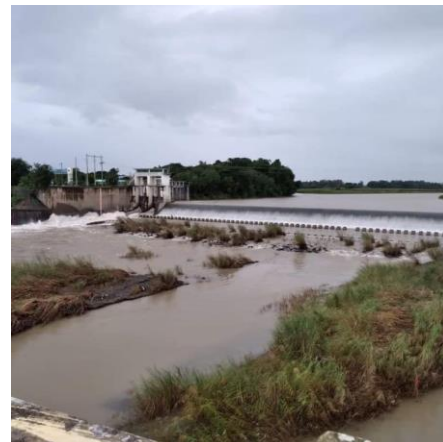
Normal High Water Level (NHWL) (m)	Reservoir Water Level (m)	Deviation from NHWL (m)	Date
218.5	195.72	-22.78	6:00 AM, Nov 02, 2020
	195.42	-23.08	6:00 AM, Nov 01, 2020
	195.17	-23.33	6:00 AM, Oct 31, 2020
	194.85	-23.65	6:00 AM, Oct 30, 2020
	194.64	-23.86	6:00 AM, Oct 29, 2020

d. *Waterways Monitoring*

- As of November 2, 2020, waterways condition along Nueva Ecija - Aurora Road, Bongabon Section. Photo Credit: Engr. Eulogio C. Pesa



- Water Levels at Major Rivers in Palayan City as of 7:45am, November 02, 2020.



- Monitoring of water levels in bridges at St. Domingo as of 6:00PM, November 01, 2020. Source: MDRRMO Sto Domingo



- River and waterlevel monitoring done by the Aliaga MDRRMO at 4:34 PM, November 1, 2020. Source: Aliaga MDRRMO



- Rivers update as of 4 PM, 1 November 2020 at Gabaldon, Santor and Dupinga Rivers. Source: MDRRMO Gabaldon



- The level of Talavera River (Brgy Pag-Asa Area) as of 1pm, November 1, 2020. Source: Ram Manuzon, Brgy Pag-asa, Talavera



- Status of water levels in major rivers in Palayan City. All below normal as of 11am, November 01, 2020. Source: Palayan City DRRM Office



e. Status of Lifelines (Roads and Bridges)

- Road condition at Jct. Tablang - Gabaldon Road as of November 2, 2020. Photo Credits: Engr. Jeffrey T. Mendiola, Nueva Ecija DPWH



- As of November 2, 2020, road condition along Nueva Ecija - Aurora Road, Bongabon Section. Photo Credit: Engr. Eulogio C. Pesa, Nueva Ecija DPWH



- Roads update as of 4 PM, 1 November 2020 at Gabaldon. Source: MDRRMO Gabaldon



E. Operations Section

1. Operations Section Chief

- Accommodated the deployed police personnel and mobile from the Local Government Unit of Cabanatuan
- Served as the focal person of the ECCMT



2. Evacuation Camp Coordination and Management Tea (ECCMT)

- c. The ECCMT focal person and the Operations Section Chief of the IMT, Mr. Jeff Amaranto, coordinated with the Local Government's Social Welfare and Development Office for the establishment of the evacuation area in the Gen Tinio St. Campus

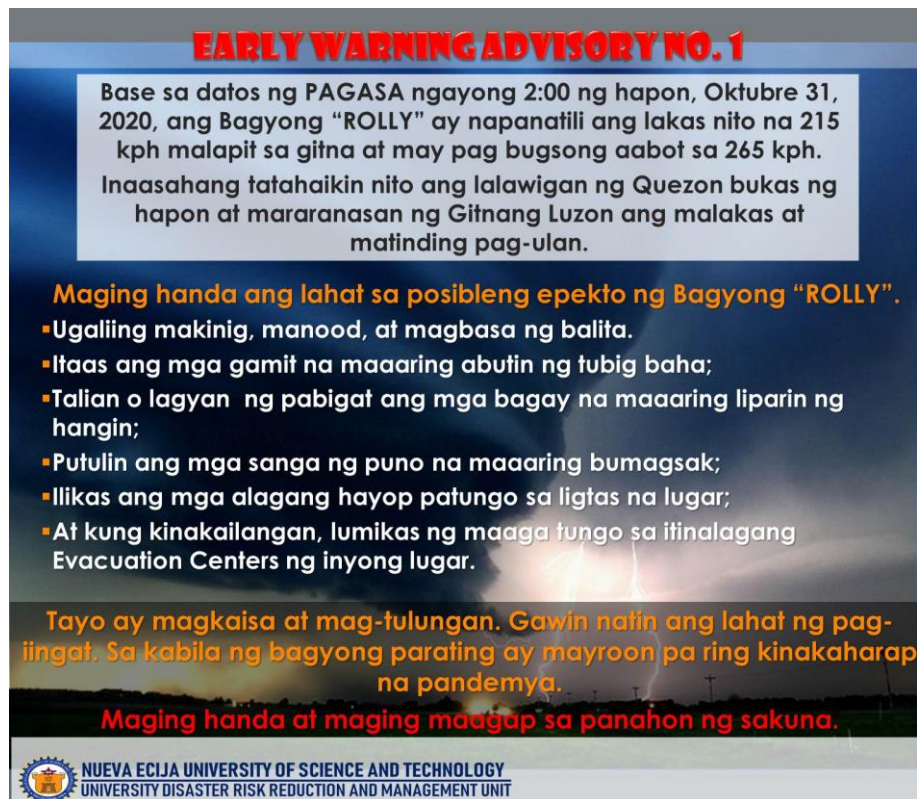


F. Logistics Section (Chief Administrative Officer/General Services Office)

- a. Ensured the availability of facilities, and electricity for the Camp Managers and the evacuees
- b. Maintained the cleanliness of the Gen. Tinio Campus evacuation area
- c. Ensured the safety of the university vehicles

G. Early Warning Advisories Issued

The College of Public Administration and Disaster Management prepared and issued five (5) Early Warning Advisories and disseminated in the NEUST Facebook page.



EARLY WARNING ADVISORY NO. 1


Base sa datos ng PAGASA ngayong 2:00 ng hapon, Oktubre 31, 2020, ang Bagyong "ROLLY" ay napanatili ang lakas nito na 215 kph malapit sa gitna at may pag bugsong aabot sa 265 kph. Inaasahang tatahaikin nito ang lalawigan ng Quezon bukas ng hapon at mararanasan ng Gitnang Luzon ang malakas at matinding pag-ulan.

Maging handa ang lahat sa posibleng epekto ng Bagyong "ROLLY".

- Ugaliing makinig, manood, at magbasa ng balita.
- Itaas ang mga gamit na maaaring abutin ng tubig baha;
- Talian o lagyan ng pabigat ang mga bagay na maaaring liparin ng hangin;
- Putulin ang mga sanga ng puno na maaaring bumagsak;
- Ilikas ang mga alagang hayop patungo sa ligtas na lugar;
- At kung kinakailangan, lumikas ng maaga tungo sa itinalagang Evacuation Centers ng inyong lugar.

Tayo ay magkaisa at mag-tulungan. Gawin natin ang lahat ng pag-iingat. Sa kabila ng bagyong parating ay mayroon pa ring kinakaharap na pandemya.

Maging handa at maging maagap sa panahon ng sakuna.

 **NUEVA ECIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY**
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

EARLY WARNING ADVISORY NO. 2

Base sa datos ng PAGASA ngayong 8:00 ng gabi, Oktubre 31, 2020, ang Bagyong "ROLLY" ay napanatili ang lakas nito na 215 kph malapit sa gitna at may pag bugsong aabot sa 265 kph.

Ang iba't-ibang bahagi ng Luzon at Visayas ay sumailalim sa Tropical Cyclone Wind Signal (TCWS) # 2 kabilang na ang katimugang bahagi ng Nueva Ecija (Cabiao, San Isidro, Gapan City, General Tinio, Peñaranda, San Antonio, Jaen, San Leonardo, Santa Rosa, Cabanatuan City, Palayan City, Laur, Gabaldon, Bongabon.)

- Makinig, manood, at magbasa ng balita.
- Maghanda ng Go Bag o Emergency Preparedness Bag para sa paglikas
- Laman ng Go Bag ang mahahalagang dokumento, inuming tubig, ready-to-eat food, kasuotan, flashlight at baterya, silbato, radyo, salapi
- Siguraduhing nakababa ang switch ng kuyrente at nakatanggal ang mga saksakan ng mga kagamitan sa bahay bago lumikas.

Maaaring makaranas ng malakas at matinding pag-ulan na magiging sanhi ng pagbaha o flashflood sa mga mababang lugar. Inaabisuhan ang paghahanda sa maagang paglikas tungo sa mataas at ligtas na lugar.

Tayo ay magkaisa at mag-tulungan. Gawin natin ang lahat ng pag-iingat. Sa kabila ng bagyong parating ay mayroon pa ring kinakaharap na pandemya.

Maging handa at maging maagap sa panahon ng sakuna.



NUEVA ECIIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

EARLY WARNING ADVISORY NO. 2

Base sa datos ng PAGASA ngayong 8:00 ng gabi, Oktubre 31, 2020, ang Bagyong "ROLLY" ay napanatili ang lakas nito na 215 kph malapit sa gitna at may pag bugsong aabot sa 265 kph.

Ang iba't-ibang bahagi ng Luzon at Visayas ay sumailalim sa Tropical Cyclone Wind Signal (TCWS) # 2 kabilang na ang katimugang bahagi ng Nueva Ecija (Cabiao, San Isidro, Gapan City, General Tinio, Peñaranda, San Antonio, Jaen, San Leonardo, Santa Rosa, Cabanatuan City, Palayan City, Laur, Gabaldon, Bongabon.)

- Makinig, manood, at magbasa ng balita.
- Maghanda ng Go Bag o Emergency Preparedness Bag para sa paglikas
- Laman ng Go Bag ang mahahalagang dokumento, inuming tubig, ready-to-eat food, kasuotan, flashlight at baterya, silbato, radyo, salapi
- Siguraduhing nakababa ang switch ng kuyrente at nakatanggal ang mga saksakan ng mga kagamitan sa bahay bago lumikas.

Maaaring makaranas ng malakas at matinding pag-ulan na magiging sanhi ng pagbaha o flashflood sa mga mababang lugar. Inaabisuhan ang paghahanda sa maagang paglikas tungo sa mataas at ligtas na lugar.

Tayo ay magkaisa at mag-tulungan. Gawin natin ang lahat ng pag-iingat. Sa kabila ng bagyong parating ay mayroon pa ring kinakaharap na pandemya.

Maging handa at maging maagap sa panahon ng sakuna.



NUEVA ECIIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

EARLY WARNING ADVISORY NO. 4

Ngayong 11:00 ng umaga, Nobyembre 1, 2020, ayon sa datos ng PAGASA, ang Super Typhoon (STY) "ROLLY" ay bahagyang humina at bumalik sa kategoryang Typhoon na may lakas na 215 kph malapit sa gitna at may pag bugsong aabot sa 295 kph. Ito ay namataan sa katubigan ng Pasacao, Camarines Sur.

Tinatahak nito ang rehiyon ng CALABARZON ngayong hapon na kasalukuyang nakataas ang Tropical Cyclone Wind Signal (TCWS) # 4. Samantalang ang katimugang bahagi ng lalawigan ng Nueva Ecija (Cuyapo, Talugtug, Muñoz City, Llanera, Rizal, Bongabon, Gabaldon, General Tinio, Laur, Palayan City, General Mamerto Natividad, Cabanatuan City, Santa Rosa, Peñaranda, Gapan City, San Isidro, Cabiao, San Antonio, Jaen, San Leonardo, Zaragoza, Aliaga, Talavera, Santo Domingo, Quezon, Licab, Guimba, Nampicuan) ay kabilang sa mga lugar na nakailalim sa TCWS # 3.

Ating paghandaan ang matagalang pagbuhos ng ulan na maaaring maging sanhi ng pagbaha, pagguho ng lupa sa gilid ng ilog at sa kabundukan.

- Patuloy na makinig, manood, at magbasa ng balita;
- Sa panahong ito nararapat na naisagawa na ang paglikas tungo sa ligtas na lugar o sa itinalagang evacuation centers;
- Sa evacuation center, ugaliin ang pag-iingat, pagsusuot ng face mask, paghuhugas ng kamay, at physical distancing
- Sumunod sa direktiba ng kinauukulan

Tayo ay magkaisa at mag-tulungan. Gawin natin ang lahat ng pag-iingat. Sa kabila ng bagyong parating ay mayroon pa ring kinakaharap na pandemya.

Maging handa at maging maagap sa panahon ng sakuna.



NUEVA ECIIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

EARLY WARNING ADVISORY NO. 5 (FINAL)

Base sa datos ng PAGASA ngayong 5:00 ng umaga, Nobyembre 2, 2020, ang Bagyong "ROLLY" ay patuloy pang humina na may lakas na 65 kph malapit sa gitna at may pag bugsong aabot sa 80 kph habang binabaybay ang West Philippine Sea.

Sa kasalukuyan ang lalawigan ng Nueva Ecija ay hindi na nakailalim sa anumang Tropical Cyclone Wind Signal (TCWS). Ang TCWS # 1 at nakataas na lamang sa ilang lalawigan sa kanlurang Luzon.

Pagkatapos ng bagyo, ugaliing gawin ang mga sumusunod:

- Makinig, manood, at magbasa ng balita kung maaari ng bumalik sa inyong tahanan o wala ng banta ng anumang epekto ng bagyo;
- Sa inyong tahanan, suriin ang mga linya ng kuryente at tubig.
- Suriin ang mga saksakan at mga kagamitan na maaaring nabasa ng pag-ulan. Patuyuin ang mga ito bago gamitin.
- Mag-iingat sa mga posibleng ligaw na hayop na sanhi ng pagkabulabog nito dahil sa bagyo.
- Sundin ang paalala ng kinauukulan para sa inyong kaligtasan

Tayo ay magkaisa at mag-tulungan. Gawin natin ang lahat ng pag-iingat. Sa kabila ng epekto ng bagyo ay mayroon pa ring kinakaharap na pandemya.

Maging handa at maagap sa panahon ng sakuna.



NUEVA ECIIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

H. Flood Bulletin



Republic of the Philippines
DEPARTMENT OF SCIENCE & TECHNOLOGY
Philippine Atmospheric, Geophysical & Astronomical Services Administration (PAGASA)
Pampanga River Basin Flood Forecasting and Warning Center, Brgy. Malimpis, City of San Fernando, Pampanga, <http://prffwc.synthasite.com>; Tel (045) 455-1701 / CP: 0999 336 6416

FLOOD BULLETIN #1 – PAMPANGA RIVER BASIN AND ALLIED RIVER SYSTEM				EXPECTED FLOOD
ISSUED AT 2:00 PM, 01 NOVEMBER 2020				P - POSSIBLE
VALID UNTIL THE NEXT ISSUANCE AT 5:30 AM TOMORROW UNLESS THERE IS AN INTERMEDIATE BULLETIN				O - OCCUR
AVERAGE BASIN RAINFALL AS OF 1:00 PM TODAY:				SITUATION: T - THREATENING F - PERSIST
PAST 24-HR = LESS THAN 15 MM		FORECAST 24-HR = 30 TO 70 MM		
BASIN EXPECTED RESPONSE:				
WATER LEVEL STATION (STN)	RIVER/ SWAMP WATER LEVEL (WL) TREND AT STATION	FLOOD SITUATION MESSAGE	PARTICULAR LOW-LYING AREAS	<p>PRFFWC: HTH / RPY</p>
SAPANG BUHO STN., PAMPANGA RIVER	NOW AT 0.73 M (WAY BELOW 3.70 M. ALERT WL) / SLOW RECESSION IS STILL IN PROGRESS; SLOW TO GRADUAL RISE IS LIKELY LATER TODAY; TO REMAIN BELOW ALERT WL UNTIL TONIGHT	FLOODING IS POSSIBLE AT LOW-LYING RIVERSIDE AREAS TODAY	RIVERSIDE AREAS OF PALAYAN & CABANATUAN CITIES; STA. ROSA, SAN LEONARDO, GAPAN, SAN ISIDRO, JAEN	
ZARAGOZA STN., RIO CHICO RIVER	NOW AT 3.83 M (ABOVE 3.5 M ALARM WL) / WILL REMAIN STEADY BETWEEN 3.5 M ALERT WL AND 4.5 M CRITICAL WL UNTIL TOMORROW MORNING	FLOODING IS POSSIBLE AT LOW-LYING RIVERSIDE AREAS LATER TODAY	RIVERSIDE AREAS OF LA PAZ (TARLAC); ZARAGOZA, SAN ANTONIO (N.E.)	
ARAYAT STN., PAMPANGA RIVER	NOW AT 5.22 M (ABOVE 5.0 M ALERT WL) SLOW INCREASE IS LIKELY LATER TODAY POSSIBLY REACHING ABOVE 6.0 M ALARM WL BETWEEN TONIGHT UNTIL TOMORROW MORNING	FLOODING IS POSSIBLE IN THE LOW-LYING RIVERSIDE AREAS LATER TODAY	RIVERSIDE AREAS OF CABAIO, ARAYAT, SAN LUIS, SAN SIMON, APALIT, CALUMPIT, HAGONUY	
CANDABA STN., CANDABA SWAMP	NOW AT 5.22 M (ABOVE 5.0 M CRITICAL WL) / A SLOW FILL-UP OF SWAMP AREA STARTING THIS AFTERNOON	REMNANTS OF FLOODWATERS TO INCREASE FURTHER STARTING TONIGHT	CANDABA SWAMP AREA (SAN LUIS, SAN SIMON, APALIT, SAN MIGUEL, SAN ILDEFONSO, PULILAN)	
SULIPAN STN., PAMPANGA RIVER	NOW AT 2.89 M (ABOVE 2.8 ALERT WL) / SLOW FLUCTUATING INCREASE (AFFECTED BY TIDE) TO START LATER TODAY	FLOODING IS POSSIBLE BEGINNING LATER TODAY	RIVERSIDE AREAS OF APALIT, MASANTOL, MACABEBE, CALUMPIT, HAGONUY, PULILAN	
SASMUAN STN., PASAC-GUAGUA RIVER	NOW AT 2.85 M / VERY SLOW FLUCTUATING WL RISE (TIDE INFLUENCED) UNTIL TOMORROW MORNING	FLOODING IS POSSIBLE BEGINNING LATER TODAY:	RIVERSIDE AREAS OF SASMUAN, LUBAO, GUAGUA; LOW-LYING AREAS OF SAN FERNANDO, MINALIN, STA. RITA, MEXICO & OTHER ADJACENT TOWNS	
TIDE-INFLUENCED FLOODING IN THE LOW-LYING SEASHORE AREAS TONIGHT BETWEEN 9 PM TO 11 PM (NOVEMBER 01), TO MERGED WITH FLOODING FROM REMNANTS OF ACCUMULATED/ PONDED RAINWATER IN THE BULACAN-PAMPANGA DELTA AREAS				
THE PUBLIC AND LOCAL DISASTER RISK REDUCTION & MANAGEMENT COUNCILS (LDRRMCs) CONCERNED ARE ADVISED TO TAKE THE NECESSARY APPROPRIATE ACTIONS TO MITIGATE THE ADVERSE IMPACTS OF LANDSLIDES & FLASH FLOOD AT MOUNTAINSIDE AREAS OF EASTERN NUEVA ECIIJA & BULACAN AREAS; POSSIBLE RIVERINE FLOODING & RIVERBANK EROSIONS IN THEIR AREA OF CONCERN; TO CONTINUE MONITORING HEAVY RAINFALL WARNINGS TO BE ISSUED BY PAGASA REGIONAL SERVICES DIVISION OF THE NATIONAL CAPITAL REGION (NCR-PRSD)				

I. IEC Disseminated through the Social Media

COLOR-CODED RAINFALL ADVISORIES

COLOR-CODED RAINFALL WARNING	RAIN MEASUREMENT	POSSIBILITY OF FLOODING	RESPONSE
RED WARNING	More than 30 mm rain observed in 1 hour and expected to continue in the next 2 hours	Serious flooding expected in low-lying areas	EVACUATION
ORANGE WARNING	15 – 30 mm rain observed in 1 hour and expected to continue in the next 2 hours	Flooding is threatening	ALERT for possible evacuation
YELLOW WARNING	7.5 – 30 mm rain observed in 1 hour and expected to continue in the next 2 hours	Flooding is possible	MONITOR the weather condition

Source: PAGASA

NUEVA ECIIJA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY DISASTER RISK REDUCTION AND MANAGEMENT UNIT

TROPICAL CYCLONE WIND SIGNALS

SIGNAL	WINDS IMPACT	WIND STRENGTH AND LEAD TIME
TCWS 1	NO DAMAGE TO VERY LIGHT DAMAGE	EXPECT THE IMPACT OF 30-60 KPH WINDS IIN 36 HOURS
TCWS 2	LIGHT TO MODERATE DAMAGE	EXPECT THE IMPACT OF 61 – 120 KPH WINDS IN 24 HOURS
TCWS 3	MODERATE TO HEAVY DAMAGE	EXPECT THE IMPACT OF 121 – 170 KPH WINDS IN 18 HOURS
TCWS 4	HEAVY TO VERY HEAVY DAMAGE	EXPECT THE IMPACT OF 171 – 220 KPH WINDS IN 12 HOURS
TCWS 5	VERY HEAVY AND WIDESPREAD DAMAGE, PHENOMENAL	EXPECT THE IMPACT OF MORE THAN 220 KPH WINDS IN 12 HOURS

Source: PAGASA



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CLASSIFICATION OF TROPICAL CYCLONES

The classification of tropical cyclones according to the strength of the associated winds as adopted by PAGASA as of **01 May 2015** are as follows:

- **TROPICAL DEPRESSION (TD)**

A tropical cyclone with maximum sustained winds of up to 61 kilometers per hour (kph) or less than 33 nautical miles per hour (knots) .

- **TROPICAL STORM (TS)**

A tropical cyclone with maximum wind speed of 62 to 88 kph or 34 - 47 knots.

- **SEVERE TROPICAL STORM (STS)**

A tropical cyclone with maximum wind speed of 89 to 117 kph or 48 - 63 knots.

- **TYPHOON (TY)**

A tropical cyclone with maximum wind speed of 118 to 220 kph or 64 - 120 knots.

- **SUPER TYPHOON (STY)**

A tropical cyclone with maximum wind speed exceeding 220 kph or more than 120 knots.

Source: PAGASA



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SAFETY TIPS



Paalala sa mga lumikas sa evacuation center o temporary shelter

- » Palaging magsuot ang face mask.
- » Panatilihin ang "Social Distancing" hangga't maaari.
- » Maghugas ng kamay nang madalas, kung wala namang hugasan, gumamit ng alcohol o hand sanitizer.
- » Iwasang pagsaluhan ang plato, kubyertos o baso kapag kumakain.
- » Huwag humawak kung saan-saan.
- » Kung may kasamang bata, may sakit o comorbidities, at nakatatanda, ipagbigay alam ito sa kinaaukulan upang mas mabigyan sila ng prayoridad.
- » Panatiliing malinis ang espasyo na kinaroroonan, parati itong i-disinfect kung maaari.
- » Panatilihin din ang kalinisan ng mga gamit na laging hinahawakan, gaya ng cellphone.
- » Kung may nararamdamang sakit habang nasa shelter, ipagbigay alam ito sa kinaaukulan.
- » Bantayan mabuti ang mga bata upang hindi sila gumala sa lugar at makaiwas sa sakit.
- » Kung may paraan, patuloy na makinig sa update ukol sa panahon.

LAGING HANDA

@LagingHandaPHL - Crisis Prevention Center



Philippine Information Agency

fb.com/dia.pia.gov.ph/

@DisasterInfoPH

www.pia.gov.ph

#ESafety

Energy Safety Tip: Bagyo

E-REPORT agad sa inyong electric company kung may **NATUMBANG POSTE** at **PUTOL NA KAWAD** ng kuryente. **Marapat na UMIWAS** sa mga ito para 'di **MAAKSIDENTE**.



www.doe.gov.ph
info@doe.gov.ph
//doe.gov.ph
@doe_ph

E-POWER MO
E-SAFETY E-SECURE E-DISKARTE

We have the **E**nergy Ability.

TAMANG KAALAMAN AY KAHANDAAN

EMERGENCY BAG



Mahalaga na mayroong nakahandang mga kagamitan na maaaring dalhin lalo na kung kinakailangang lumikas ng pamilya sa oras ng disaster.

- First Aid Kit, kasama ang mga panglunas sa lagnat, LBM, sugat at iba pa
- Flashlight, kandila, posporo, baterya at silbato
- Radyo at baterya
- Inuming tubig sa saradong lalagyan na sapat para sa tatlong araw
- Pagkaing hindi madaling masira, madaling ihain at sapat para sa tatlong araw
- Kumot, malinis na damit, kapote, botas, tisyu at mga sanitary supplies
- Mga kailangan ng sanggol, matatanda at may kapansanan
- Magdala ng extra na pera tulad ng barya
- Lubid, lumang diyaryo at matibay na lalagyan ng mga mahahalagang bagay



 Ndrmmc OpCen

 @NDRRMC_OpCen

 Civil Defense PH

 @civildefensePH

1. Ano-ano ang dapat gawin bago, habang, at pagkatapos ng baha?

Bago ang baha:



a) Makinig sa kinauukulan; tumutok sa radyo, TV, o internet para sa mga ulat-panahon mula sa PAGASA at iba pang katuwang na ahensiya ng gobyerno.



b) Maghanda sa posibilidad ng paglikas sa mas mataas na lugar o evacuation center bago pa man magkaroon ng storm surge. Maging mahinahon. Maghanda at magdala ng mga gamit tulad ng damit, pagkain at inumin, first aid kit, flashlight, at radyong de-baterya.



c) Lumikas sa mataas na lugar. Lumayo nang hindi bababa sa 500 metro mula sa patag na baybayin kung direktang dadaan ang bagyo na magdudulot ng storm surge sa inyong komunidad.



d) Bago lumikas, suriin ang bahay at kumpunihin ang mahihinang bahagi nito. Isara ang mga bintana at ibaba ang main switch ng kuryente. Ilagay sa mataas na lugar ang mahahalagang kasangkapan.

Kung may babala ng baha



a) Maging handa sa posibilidad ng pagbaha kung patuloy ang pag-ulan. Ang pagbaha ay mangyayari kung ang lupa ay napuno na ng tubig-ulan.



b) Makinig sa radyo o manood sa telebisyon para sa "emergency instructions"



c) Mag-imbak ng malinis na tubig na tatagal ng tatlong araw sakaling mawalan ng "water supply."



d) Ilagay ang mga kagamitan sa mataas na bahagi ng bahay.



e) Dalhin at isilong ang mga alagang hayop sa mataas na lupa.



f) Kung kinakailangang lumikas, gawin ito agad nang mahinahon bago malubog sa tubig-baha.



g) Bago lumikas, ibaba ang "main switch" ng kuryente at isara ang buong kabahayan.

Pagkatapos ng baha



a) Mag-ingat sa pagpasok sa bahay at gumamit ng flashlight.



b) Tiyaking walang putol na kawad ng kuryente sa labas at loob ng bahay upang maiwasang pagkakuryente o pagsisimula ng sunog.



c) Huwag kainin ang natirang pagkain at tubig sa loob ng bahay, kung hindi pa tiyak na hindi ito naabot ng tubig baha.



d) Ipagbigay-alam sa kinauukulan ang mga putol na kawad ng kuryente o telepono.



e) Huwag bubuksan ang "main switch" o gumamit ng kagamitan de-kuryenteng napasok ng tubig baha hanggang hindi ito natitignan ng elektrisyan.



f) Ikonsulta sa doktor ang kalusugan kung kinakailangan.



g) Iwasang pumunta at huwag makiusyoso sa lugar ng sakuna (disaster areas) nang hindi makasagabal sa "rescue and emergency operations."

TROPICAL CYCLONE



Tropical cyclone is an extreme weather condition characterized by large scale circulation of strong winds, low atmospheric pressure and heavy rains. It can cause flooding, storm surge, landslides and flash floods.

Ang bagyo ay isang uri ng lagay ng panahon na nagdudulot ng matalakas at mabilis na hangin at pag-ulan na maaaring maging sanhi ng matinding pagbaha, daluyong ng dagat at pagguho ng mga lupa.



Super Typhoon Lawin (2016) made its landfall in Cagayan Valley, packing winds of up to 225 kilometers per hour and gustiness of up to 315. Fourteen people were confirmed dead and almost 20,000 houses were totally damaged.

Ang Bagyong Lawin ay tumama sa kalupaan ng Cagayan Valley, na may taglay na lakas ng hangin na 225 kilometro kada oras at bugso na umaabot ng 315. Labing apat ang kumpirmadong patay at halos 20,000 kabahayan ang nasira.

BEFORE

MONITOR THE NEWS FOR WEATHER UPDATES.



Monitor the news for weather updates, warnings and advisories. Alamin ang balita ukol sa panahon at mga anunsyong pangkaligtasan.



Know the early warning and evacuation plan of the community. Alamin ang plano ng komunidad sa pagbibigay-babala at paglikas.



Check the integrity of your house and repair weak parts. Surin ang bahay at kumpunihin ang mga mahina o sirang bahagi nito.



Prepare your family's GO BAG containing items needed for survival. Ihanda ang GO BAG na naglalaman ng mga pangangailangan ng pamilya.



Put livestock and pets in safe area or designated evacuation site for animals. Ilikas ang mga alagang hayop sa ligtas na lugar.



When notified, immediately go to the designated evacuation center. Kapag inabutan ng kinaukulan, mabilis na lumikas sa tinukdang evacuation center.

DURING

STAY ALERT AND STAY TUNED.



Stay calm. Stay indoors and tune in for latest news and weather updates.

Manatili mahinahon. Manatili sa loob ng bahay o evacuation center at makinig sa pinakabagong balita at laya ng panahon.



Turn off main electrical switch and water valve.

Patayin ang main switch ng kuryente at valve ng tubig.



Use flashlight or emergency lamp. Be cautious in using candles and gas lamps.

Gumamit ng flashlight o emergency lamp. Maging maingat sa paggamit ng kandila o gasera.



Stay away from glass windows.

Umikaw sa mga salaming bintana.

AFTER

REMAIN ALERT AND BE CAUTIOUS.



Wait for authorities to declare that it is safe to return home.

Hintayin ang abiso ng kinaukulan ng ligtas ng bumalik sa tahanan.



Stay away from fallen trees, damaged structures and power lines.

Umikaw sa mga natumbang puno, nasirang gusali at linya ng kuryente.



Do not go sightseeing as you may hinder the work of the emergency services.

Huwag gumala upang hindi maabala ang emergency services.



Be cautious in checking and repairing the damaged parts of your house.

Maging maingat sa pagsasasayog ng mga nasirang bahagi ng bahay.



Check for wet or submerged electrical outlets and appliances before turning on electricity.

Siguraduhing walang basa o nakababad na outlet o kagamitan bago buksan ang linya ng kuryente.



Throw away rainwater in cans, pots and tires to prevent breeding of mosquitoes.

Itapon ang mga naipong tubig sa lata, paso at gulong upang hindi pamahayan ng lamok.



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FLOOD



Flood is the rising of water level until it overflows its natural or artificial confines and submerge the surrounding area.

Ang baha ay pag-apaw ng sobra-sobrang tubig sa natural nitong daluyan tulad ng sapa, ilog at dagat dahilang upang malubog ang nakapalibot ditong lupa.



In September 2009, Tropical Storm Ondoy brought a month's worth of rain, flooding vast areas in Metro Manila and neighboring provinces. Almost 500 people were killed and more than 500 were injured.

Noong Setyembre 2009, ang malakas na pag-ulang hatid ng Bagyong Ondoy ay nagpabaha sa mga lugar sa Kalakhang Maynila at karatig lalawigan. Halos 500 katao ang nasawi, habang higit sa 500 iba pa ang nasugatan.

BEFORE

KNOW THE HAZARDS IN YOUR AREA.



Monitor the news for weather updates, warnings and advisories. Alamin ang balita ukol sa panahon at mga anunsyong pangkaligtasan.



Know the flood early warning and evacuation plan of the community. Alamin ang plano ng komunidad sa pagbibigay-babala at paglikas dahil sa baha.



Participate in community flood preparedness actions and drills. Makilahok sa mga pagpasasayag at paghahanda ng komunidad sa baha.



Secure your home. Move essential furniture and items to the upper floor. Siguraduhing ligtas ang iyong tahanan. Iakyat ang mga mahalahalagang kagamitan sa mas mataas na lugar.



Before evacuating, turn off all main switches of electricity, water and LPG tanks. Bago lumikas, isarado ang mga main switches ng kuryente, tubig at tangke ng LPG.



Put livestock and pets in a safe area or designated evacuation sites for animals. Ilikas ang mga alagang hayop sa ligtas na lugar.



When order is received, immediately evacuate to higher and safer grounds. Kapag inabutan ng kinaukulan, mabilis na lumikas sa mataas at ligtas na lugar.

DURING

STAY ON HIGHER GROUNDS.



Stay indoors and stay tuned for latest news and weather updates.

Manatili sa loob ng bahay at patuloy na makinig sa ulat ng panahon.



DO NOT touch electrical equipment if you are wet or standing in floodwater.

Huwag hawakan ang mga kagamitang de kuryente kung ikaw ay basa o nakatayo sa tubig baha.



DO NOT go swimming or boating in swollen rivers.

Huwag lumangoy o mamangka sa umaapaw na ilog.



DO NOT cross streams when water level is already above the knee.

Huwag tumawid ng sapa o ilog kung lagos tuhod na ang tubig.



DO NOT walk or drive through flooded areas.

Huwag maglakad o magmaneho sa lugar na baha.

AFTER

STAY ALERT AND KEEP SAFE.



Leave the evacuation area only when authorities say it is safe to return home.

Lisanin lamang ang evacuation area kapag ligtas na ayon sa kinaukulan.



Report fallen trees and electric posts to proper authorities.

Ipagbigay-alam sa kinaukulan ang mga natumbang puno at poste ng kuryente. O mga linya ng tubig at telepono.



Check for wet or submerged electrical outlets and appliances before turning on electricity.

Siguraduhing walang basa o nakababad na outlet o kagamitan bago buksan ang linya ng kuryente.



Check your house for possible damages and repair as necessary.

Surin ang bahay kung may mga nasira at ipaayos ang mga ito kung kailangan.



Make sure that the food and water for drinking are not contaminated by flood water.

Siguraduhing malinis ang pagkain at inuming tubig.



Throw away rainwater in cans, pots and tires to prevent breeding of mosquitoes.

Itapon ang naipong tubig sa mga lata, paso at gulong upang hindi pamahayan ng lamok.



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