

# DSWD DROMIC Preparedness for Response Report #1 on Tropical Depression “Kabayan” as of 17 December 2023, 6PM

## Situation Overview

Issued on 17 December 2023 at 5PM, “Kabayan” continues to maintain its strength while moving Westward East Mindanao.

### HAZARDS AFFECTING LAND AREAS

#### Heavy Rainfall Outlook

Forecast accumulated rainfall from today to tomorrow afternoon:

- 100-200mm: Surigao Del Sur, Surigao Del Norte, Dinagat Islands and Southern Leyte
- 50-100 mm: Easter Visayas, Davao Region, Northern Mindanao and the rest of Caraga.

Forecast accumulated rainfall from tomorrow afternoon to Tuesday afternoon:

- 100-200 mm: Surigao del Sur, Surigao del Norte, Dinagat Islands, and Southern Leyte
- 50-100 mm: Eastern Visayas, Central Visayas, Northern Mindanao, and the rest of Caraga.

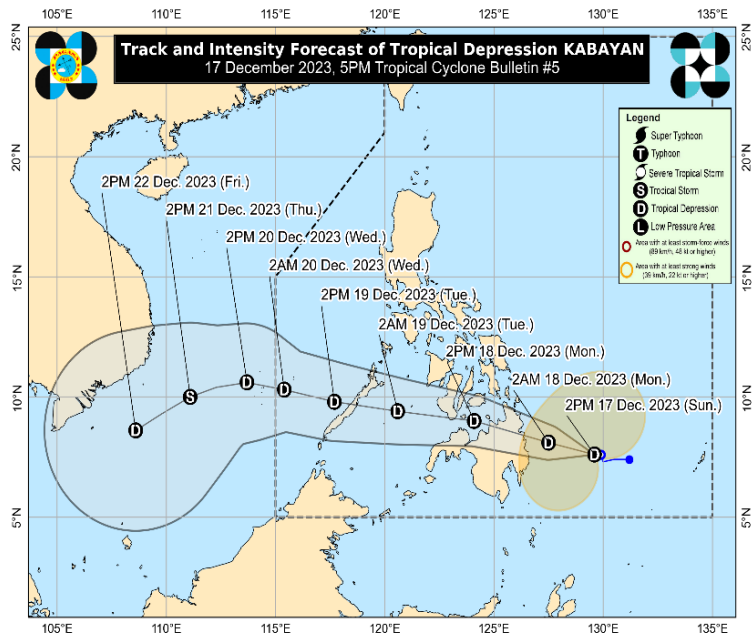
Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and rain-induced landslides are likely especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

In addition, the Shear Line coinciding with the passage of “Kabayan” may bring heavy rainfall over the eastern portion of Southern Luzon today and over the eastern portion of Luzon tomorrow.

#### Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- Minimal to minor impacts from strong winds are possible within any of the areas under Wind Signal No. 1.



Additional provinces in Visayas and Mindanao may be placed under Wind Signal No. 1 in the next bulletin.

The surge of the Northeast Monsoon will bring also gusty conditions for the next 2 days over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- Today and tomorrow: Batanes, Babuyan Islands, Ilocos Norte, Ilocos Sur, Aurora, Bataan, Bulacan, Rizal, Quezon, Lubang Island, Marinduque, Cuyo Islands, Bicol Region, Visayas, the northern and eastern portion of mainland Cagayan, the eastern portions of Isabela and Nueva Ecija, and portions of Cordillera Administrative Region, Zambales, Pampanga, Cavite, Mindoro Provinces.

## **HAZARDS AFFECTING COASTAL WATERS**

Under the influence of the Northeast Monsoon surge and “Kabayan”, a Gale Warning is in effect for the coastal waters along the seaboard of Northern Luzon and the eastern seaboard of Visayas and Mindanao. Sea travel is risky for small seacraft (including all motor bancas of any type or tonnage). Mariners of these vessels are advised to remain in port or seek safe harbor.

## **TRACK AND INTENSITY OUTLOOK**

- “Kabayan” is forecast to track generally westward or west northwestward path across the Philippine archipelago over the next two days and is likely to maintain its strength until its initial landfall over Mindanao. However, the possibility of reaching tropical storm category pre-landfall is not ruled out.
- On the track forecast, it is likely to make landfall along the coast of Surigao del Sur or Davao Oriental tonight or tomorrow early morning, cross the rugged terrain of Mindanao, and emerge over Bohol Sea or Sulu Sea tomorrow morning or afternoon. Due to frictional effects associated with landfall, “Kabayan” is forecast to weaken over land and the possibility of being downgraded into a low pressure area while over land or after emerging over the sea is not ruled out (although in such a case, re-development may still occur over the Sulu Sea).
- For the remainder of tomorrow and into early morning of Tuesday, “Kabayan” will move across the Sulu Sea south of Cuyo Islands. The tropical cyclone is forecast to make another landfall over central or southern Palawan as a tropical depression by Tuesday morning, then emerge over the Philippine Sea by noon or early afternoon of the same day. Afterwards, “Kabayan” may pass near or over Kalayaan Islands in the West Philippine Sea.
- It is imperative to stress that the projected track and intensity of the tropical depression remain subject to change, given its nature and strength.

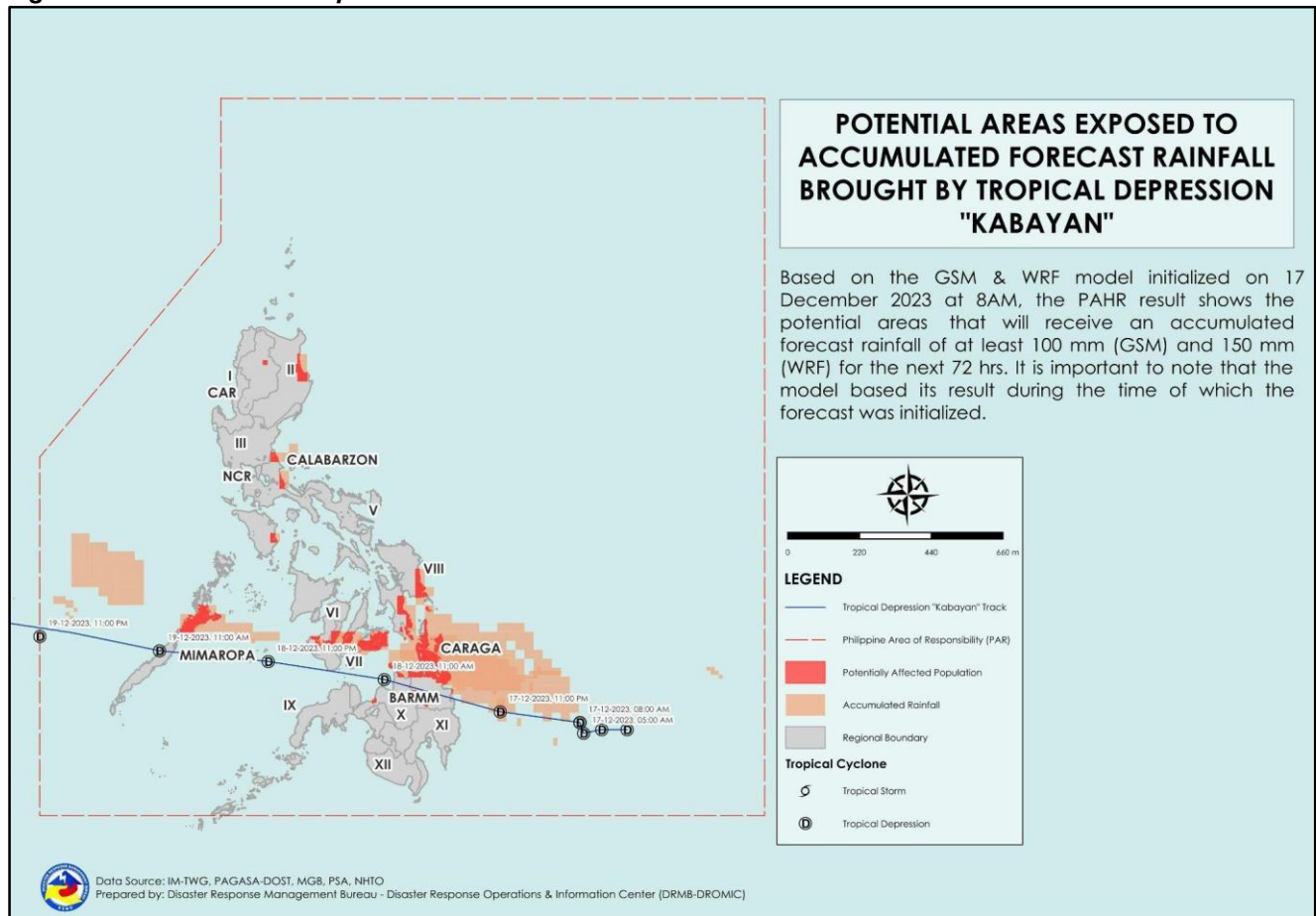
The center of Tropical Depression (TD) “Kabayan” was estimated based on all available data 385 km East of Davao City, Davao del Sur or 315 km East Southeast of Hinatuan, Surigao del Sur (7.7 °N, 129.1 °E).

*Source: DOST-PAGASA Tropical Cyclone Bulletin #5*

## Predictive Analytics for Humanitarian Response (PAHR)

Based on the Global Spectral Model (GSM) & Weather Research and Forecasting (WRF) 72-hour Accumulated Forecast Rainfall initialized on **17 December 2023 at 8AM**, the PAHR results show that **400,383 families (PSA 2020) and 228,308 poor families (Listahanan 3)** in **Regions II, III, CALABARZON, MIMAROPA, VI, VII, VIII, X, Caraga, and CAR** may be potentially affected by TD “Kabayan”.

**Figure 1. Potential Areas exposed to Accumulated Forecast Rainfall based on the GSM and WRF model.**



**Table 1. FFP Requirement based on the PAHR Results initialized on 17 Dec 2023, 8AM.**

REGION	POPULATION (PSA 2020)		POOR FAMILIES (LISTAHANAN 3)		<sup>1</sup> TOTAL FFPs PREPOSITIONED
	NO. OF INDIVIDUALS	<sup>2</sup> FFP REQUIREMENT	NO. OF FAMILIES	FFP REQUIREMENT	
<b>TOTAL</b>	<b>2,002,037</b>	<b>400,383</b>	<b>228,308</b>	<b>228,308</b>	<b>765,123</b>
<b>REGION CAR</b>	<b>961</b>	<b>193</b>	<b>45</b>	<b>45</b>	<b>37,103</b>
APAYAO	215	43	15	15	
KALINGA	746	150	30	30	
<b>REGION II</b>	<b>4,343</b>	<b>868</b>	<b>474</b>	<b>474</b>	<b>111,472</b>
CAGAYAN	469	93	59	59	
ISABELA	3,874	775	415	415	

<sup>1</sup> Prepositioned FFPs as of 17 December 2023, 4PM

<sup>2</sup> Number of family composed of five (5) members

REGION	POPULATION (PSA 2020)		POOR FAMILIES (LISTAHANAN 3)		<sup>1</sup> TOTAL FFPs PREPOSITIONED
	NO. OF INDIVIDUALS	<sup>2</sup> FFP REQUIREMENT	NO. OF FAMILIES	FFP REQUIREMENT	
<b>REGION III</b>	<b>301</b>	<b>60</b>	<b>40</b>	<b>40</b>	<b>65,972</b>
AURORA	301	60	40	40	
<b>REGION CALABARZON</b>	<b>29,791</b>	<b>5,955</b>	<b>3,219</b>	<b>3,219</b>	<b>117,788</b>
LAGUNA	39	8	1	1	
QUEZON	29,752	5,947	3,218	3,218	
<b>REGION MIMAROPA</b>	<b>65,425</b>	<b>13,084</b>	<b>5,123</b>	<b>5,123</b>	<b>87,814</b>
ORIENTAL MINDORO	20,826	4,164	1,427	1,427	
PALAWAN	44,599	8,920	3,696	3,696	
<b>REGION VI</b>	<b>25,609</b>	<b>5,118</b>	<b>3,325</b>	<b>3,325</b>	<b>47,860</b>
NEGROS OCCIDENTAL	25,609	5,118	3,325	3,325	
<b>REGION VII</b>	<b>626,491</b>	<b>125,285</b>	<b>73,553</b>	<b>73,553</b>	<b><sup>3</sup>104,984</b>
BOHOL	184,659	36,926	17,361	17,361	
CEBU	259,580	51,910	24,223	24,223	
NEGROS ORIENTAL	182,252	36,449	31,969	31,969	
<b>REGION VIII</b>	<b>276,479</b>	<b>55,287</b>	<b>35,855</b>	<b>35,855</b>	<b>129,197</b>
EASTERN SAMAR	87,337	17,461	14,360	14,360	
LEYTE	119,871	23,971	14,551	14,551	
SOUTHERN LEYTE	69,271	13,855	6,944	6,944	
<b>REGION X</b>	<b>224,754</b>	<b>44,948</b>	<b>19,314</b>	<b>19,314</b>	<b>34,068</b>
BUKIDNON	233	47	40	40	
CAMIGUIN	27,261	5,450	3,153	3,153	
LANAO DEL NORTE	151,426	30,288	11,006	11,006	
MISAMIS ORIENTAL	45,834	9,163	5,115	5,115	
<b>REGION CARAGA</b>	<b>747,883</b>	<b>149,585</b>	<b>87,360</b>	<b>87,360</b>	<b>28,865</b>
AGUSAN DEL NORTE	349,834	69,974	37,622	37,622	
AGUSAN DEL SUR	7,474	1,495	1,483	1,483	
DINAGAT ISLANDS	14,369	2,872	2,390	2,390	
SURIGAO DEL NORTE	209,341	41,876	28,542	28,542	
SURIGAO DEL SUR	166,865	33,368	17,323	17,323	

## Status of Prepositioned Resources: Stockpile and Standby Funds

The DSWD Central Office (CO), Field Offices (FOs), and National Resource Operations Center (NROC) have stockpiles and standby funds amounting to **₱2,717,221,832.06** with breakdown as follows (see Table 2):

### a. Standby Funds

A total of **₱175,127,243.73 standby funds** in the CO and FOs. Of the said amount, **₱95,032,397.38** is the available **Quick Response Fund (QRF)** in the CO.

### b. Stockpiles

A total of **1,031,735 family food packs (FFPs)** amounting to **₱644,491,700.61**, **other food items** amounting to **₱955,812,583.98**, and **non-food items (NFIs)** amounting to **₱941,790,303.74** are available.

<sup>3</sup> Total number of prepositioned FFPs includes VDRC stockpile

**Table 2. Available Stockpiles and Standby Funds**

OFFICE	STANDBY FUNDS	STOCKPILE				TOTAL STANDBY FUNDS & STOCKPILE
		FAMILY FOOD PACKS (FFPs)		OTHER FOOD ITEMS	NON-FOOD RELIEF ITEMS	
		QUANTITY	TOTAL COST	TOTAL COST	TOTAL COST	
<b>TOTAL</b>	<b>175,127,243.73</b>	<b>1,031,735</b>	<b>644,491,700.61</b>	<b>955,812,583.98</b>	<b>941,790,303.74</b>	<b>2,717,221,832.06</b>
DSWD CO	95,032,397.38		-	-	-	95,032,397.38
NRLMB NROC	-	38,103	12,805,427.11	552,442,741.56	223,960,186.04	789,208,354.71
NRLMB VDRC	-	13,192	8,772,680.00	248,494,911.12	14,891,500.00	272,159,091.12
DSWD FO I	5,000,712.22	58,248	42,398,815.23	11,739,526.61	51,609,799.03	110,748,853.09
DSWD FO II	6,064,350.28	111,472	74,030,519.61	15,201,522.06	25,638,592.25	120,934,984.20
DSWD FO III	5,000,000.00	65,972	43,097,418.36	1,167,962.50	18,513,440.18	67,778,821.04
DSWD FO CALABARZON	5,492,710.00	117,788	80,918,798.29	2,103,948.80	32,011,446.79	120,526,903.88
DSWD FO MIMAROPA	5,000,000.00	87,814	75,837,600.00	125,000.00	38,580,903.15	119,543,503.15
DSWD FO V	5,000,000.00	31,584	23,356,236.47	7,010,429.14	120,739,654.51	156,106,320.12
DSWD FO VI	5,000,000.00	47,860	29,827,609.10	789,285.00	71,306,618.00	106,923,512.10
DSWD FO VII	5,000,000.00	91,792	30,958,112.88	9,019,565.09	40,553,380.95	85,531,058.92
DSWD FO VIII	5,000,000.00	129,197	69,594,614.98	3,100,381.05	56,331,926.08	134,026,922.11
DSWD FO IX	5,000,000.00	43,736	22,297,121.77	48,396,843.37	47,675,883.54	123,369,848.68
DSWD FO X	4,196,919.15	34,068	23,498,634.05	30,513,640.02	31,680,605.35	89,889,798.57
DSWD FO XI	5,000,000.00	44,514	29,984,279.06	4,023,750.00	42,021,668.71	81,029,697.77
DSWD FO XII	5,000,000.00	48,828	31,111,037.65	9,116,739.00	35,392,092.01	80,619,868.66
DSWD FO CARAGA	5,000,000.00	28,865	19,075,023.21	3,435,750.00	35,680,791.55	63,191,564.76
DSWD FO NCR	4,902,936.70	1,599	1,071,154.11	3,927,664.84	8,434,021.96	18,335,777.61
DSWD FO CAR	4,437,218.00	37,103	25,856,618.73	5,202,923.82	46,767,793.64	82,264,554.19

Note: The Inventory Summary is as of 17 December 2023, 4PM.

Source: DSWD-DRMB and DSWD-NRLMB

## Situational Reports

### DSWD DRMG

DATE	SITUATIONS / ACTIONS UNDERTAKEN
17 December 2023	<ul style="list-style-type: none"> <li>DSWD Disaster Response Management Group (DRMG) Undersecretary Diana Rose S. Cajipe, MD, together with Special Assistant to the Secretary for DRMG and National Resource and Logistics Management Bureau (NRLMB) Concurrent Director Leo L. Quintilla and Disaster Response Management Bureau (DRMB) Director Michael Christopher R. Mathay convened the DRMG cluster and concerned DSWD Field Offices relative to the DSWD Preparedness for Response measures on the possible effects of Tropical Depression "Kabayan".</li> <li>The DRMB lead by DRMG Usec. Dianna Rose S. Cajipe, MD attended the Pre-Disaster Risk Assessment (PDRA) Core Group Meeting relative to Tropical Depression "Kabayan".</li> <li>DRMB closely coordinates with DSWD FOs for their disaster preparedness measures and activities.</li> <li>DRMB closely coordinates with DOST-PAGASA for significant weather updates and other related information relative to TD "Kabayan".</li> <li>All DRMB Quick Response Team (QRT) members and emergency equipment are on standby and ready for deployment.</li> <li>NRLMB ensures the replenishment and availability of FNIs for resource augmentation to DSWD FOs as need arises.</li> <li>NRLMB continuously repacks goods for possible augmentation.</li> </ul>



### DSWD FO MIMAROPA

DATE	SITUATIONS / ACTIONS UNDERTAKEN
17 December 2023	<ul style="list-style-type: none"> <li>DSWD FO MIMAROPA alerted the SWAD Team Offices to monitor daily local weather conditions and related eventualities and ensures the provision of information to all concerned offices, divisions, sections, and units.</li> <li>DSWD FO MIMAROPA's expanded Regional/Provincial/City/Municipal (R/P/C/M) QRTs were on-call status together with special projects staff on a 24/7 basis for possible activation of the Operations Center to respond in case any untoward incident and eventualities are reported.</li> <li>DSWD FO MIMAROPA's Information and Communications Technology Management Section (ICTMS) was on standby to ensure the availability of a robust communication system.</li> <li>DSWD FO MIMAROPA closely coordinated with Office of Civil Defense (OCD) and RDRRMC MIMAROPA to monitor the areas that may be affected by the weather disturbance, establish response mechanisms, and gather other related updates.</li> <li>DSWD FO MIMAROPA ensured the availability of food and non-food items (FNIs) and transportation and communication equipment.</li> </ul>

### DSWD FO VI

DATE	SITUATIONS / ACTIONS UNDERTAKEN
17 December 2023	<ul style="list-style-type: none"> <li>DSWD FO VI closely monitored weather updates and coordinated with its Regional, Provincial, City, and Municipal Quick Response Teams (R/P/C/M QRTs).</li> <li>All DSWD FO VI R/P/C/M QRT members are on standby and ready for augmentation.</li> <li>DSWD FO VI instructed its QRTs to monitor their respective AORs and immediately report disaster-related incidents/updates.</li> <li>DSWD FO VI coordinated with P/C/MLGUs to generate any reports for any untoward incident with affected and displaced families and persons;</li> <li>DSWD FO VI requested augmentation of FFPs from NRLMB for prepositioning to strategic locations and additional FFPs for KALAHI areas.</li> <li>DSWD FO VI facilitates the delivery of FFPs from the Visayas Disaster Resource Center (VDRC).</li> <li>DSWD FO VI ensured the availability of food and non-food items (FNIs) and transportation equipment.</li> </ul>

### DSWD FO X

DATE	SITUATIONS / ACTIONS UNDERTAKEN
17 December 2023	<ul style="list-style-type: none"> <li>DSWD FO X closely monitors and coordinates with all LGUs through their respective Local Disaster Risk Reduction and Management Offices (LDRRMO) and Local Social Welfare and Development Office (LSWDO).</li> <li>DSWD FO X ensured the availability of food and non-food items (FNIs) and transportation equipment.</li> <li>DSWD FO X attended the Pre-Disaster Risk Assessment (PDRA) meeting together the RDRRMC-10 full council members in preparation for the possible effects of TD "Kabayan".</li> <li>DSWD FO X activated its Regional/Provincial/City/Municipal Quick Response Team (QRTs) to closely monitor any possible disaster incidents and for deployment as needed.</li> <li>DSWD FO X closely coordinated with the response cluster member agencies and other concerned offices for any possible augmentation to LGUs and other response operation concerns.</li> </ul>

**DSWD FO CARAGA**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
17 December 2023	<ul style="list-style-type: none"> <li>● DSWD FO Caraga advised its SWAD Team Leaders to monitor their respective Areas of Responsibility (AORs) and constantly coordinate with the LGUs and provide updates on the possible effects of TD “Kabayan”.</li> <li>● DSWD FO Caraga attended the Pre-Disaster Risk Assessment (PDRA) and Emergency Response Preparedness (ERP) meeting relative to TD “Kabayan” facilitated by the Office of Civil Defense Caraga.</li> <li>● DSWD FO Caraga continuously monitor the weather forecast issued by the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).</li> <li>● DSWD FO Caraga activated its Disaster Response Management Division (DRMD) and Provincial Quick Response Teams (QRTs).</li> <li>● DSWD FO Caraga QRTs are on standby status and are ready possible deployment.</li> <li>● DSWD FO Caraga ensured the availability of food and non-food items (FNIs).</li> </ul>

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*The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DRMB is closely monitoring the possible effects of TD “Kabayan” and coordinating with the DSWD FOs for any significant updates.*

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