



ONE ASEAN
ONE RESPONSE

SITUATION UPDATE

COMBINED EFFECTS OF THE SOUTHWEST MONSOON & TROPICAL CYCLONE DOKSURI PHILIPPINES

No. **1**

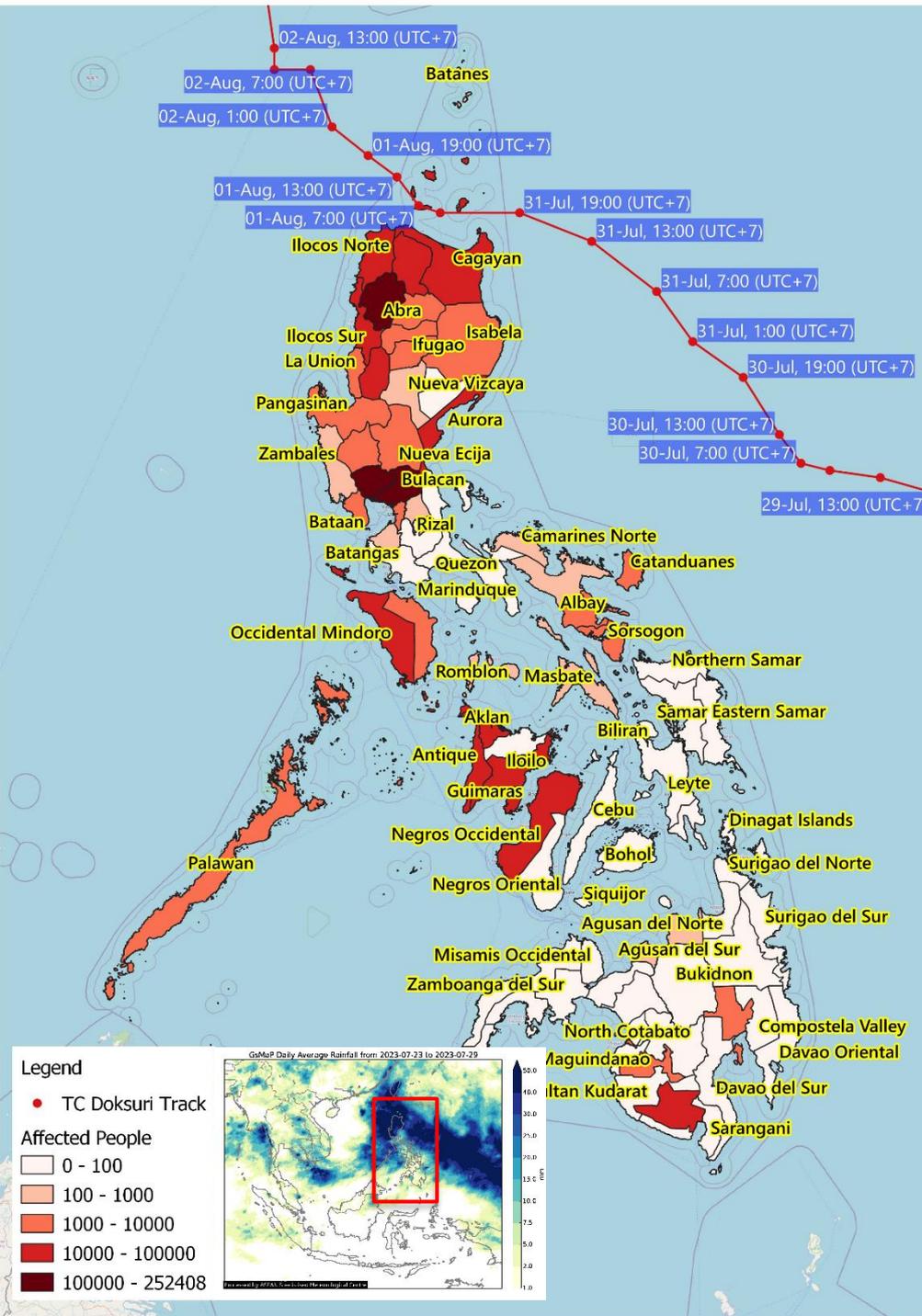
Sunday, 30 July 2023, 1600 HRS (UTC+7)

This Situation Update is provided by the AHA Centre for use of the ASEAN Member States and relevant stakeholders. The information presented is collected from various sources, including but not limited to ASEAN Member States' Government Agencies, UN, IFRC, NGOs, Humanitarian and Dialogue Partners, and News Organisations.

Combined Effects of Southwest Monsoon & Tropical Cyclone DOKSURI



Disclosure(s): Figures are the latest updates as of 30 July 2023



1.03M
AFFECTED PERSONS



30.2K
INTERNALLY DISPLACED PERSONS



16
DEAD



52
INJURED



20
MISSING



22K
HOUSES DAMAGED



108M USD
WORTH OF DAMAGES



1.17M USD
WORTH OF ASSISTANCE



1. SUMMARY

- a. **Meteorological History** (time shown in UTC+7). On 21 July 2023, A low-pressure area previously detected east of Southeastern Luzon, Philippines developed into a Tropical Depression (TD), and was then referred to as Tropical Cyclone (TC) DOKSURI. From 22-25 July, TC DOKSURI underwent a series of intensifications while moving westward over the Philippine Sea—into a Tropical Storm (TS) on 22 July, Severe Tropical Storm (STS) on 23 July, Typhoon (TY) on 23 July, and Super Typhoon (STY) on 25 July. After weakening back into a TY, TC DOKSURI moved West-Northwestwards and experienced further weakening. TC DOKSURI exited the Philippine Area of Responsibility (PAR) on 0700 HRS, 27 July. TC DOKSURI made landfall in the following areas: 0210 HRS – Fuga Island, Aparri, Cagayan; 0830 HRS – Dalupiri Island.
- b. **Preparedness and Response.**

Alert Status. The Philippines' National Disaster Risk Reduction and Management Council (NDRRMC) has raised its Alert Status to **RED** (highest level of alert to address an ongoing or in anticipation of an imminent emergency) on 20 July 2023 in response to the impacts of TC DOKSURI.

Disaster Emergency Logistics System for ASEAN (DELSA). As of 30 July 2023, in coordination with NDRRMC-OCD, the AHA Centre has prepositioned relief items (personal hygiene kits, shelter repair kits, family kits, tarpaulin, generator sets, and water filtration unit) from the DELSA satellite warehouse in Camp Aguinaldo, Quezon City, Philippines worth USD 680,520 for dispatch and distribution to the affected communities.

2. ASSESSMENT OF IMPACT AND HUMANITARIAN NEEDS

Impacts in the Philippines – MAJOR as of 30 July 2023 (based on DMA guidelines)

- a. Casualties and Affected Population
- 291,262 families (1,029,724 persons) affected in 2,615 barangays in 380 cities/municipalities from 45 provinces of 13 regions
 - 30,158 currently internally displaced persons (4,315 families or 15,092 persons inside 330 evacuation centres; and 3,762 families or 15,066 persons outside evacuation centres)
 - 16 dead (15 of which are still for validation), 52 injured (13 of which are still for validation), and 20 missing (20 of which are still for validation)
- b. Damages
- An estimated 108M USD worth of damages (27.3M USD to agriculture, 670K USD to livestock, poultry, and fisheries, 79.9M USD to infrastructure, and 182K USD to other assets)
 - 21,978 houses damaged (21,101 partially, 877 totally)
- c. Lifelines
- 375 road sections and 31 bridge sections affected, 17% of the total of both still not passable to all types of vehicles
 - There are no affected airports as of reporting
 - 53 of the 145 (37%) affected seaports already resumed operations
 - 142 of the 262 (54%) power-affected cities/municipalities restored
 - 2 of the 4 (50%) water supply-affected cities/municipalities restored



- 2 of the 10 (20%) telecommunications-affected cities/municipalities restored
- d. Related incidents
- 234 related incidents (204 flooded areas, 14 rain-induced landslides, and 16 tornadoes/destructive winds/strong winds)

Anticipated Risks

a. Fortnightly Outlook Guidance

According to the ASEAN Specialised Meteorological Centre (ASMC), average rainfall conditions for the Philippines can be expected in the coming week (Annex 1). In agreement, there's no indication of a very heavy rainfall event for the Philippines based on ASMC's regional assessment of extremes (Annex 2).

b. Tropical Cyclone Advisories

According to the Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA), as of 1000 HRS 30 July 2023, there is an active TC inside PAR located 1,180 km East of Northern Luzon and is internationally named "KHANUN" (local name: "Falcon") (Annex 3) and is currently categorised as a STS. It is **unlikely to make landfall but shifts in the track forecast remain possible** as TC KHANUN further consolidates. The **hoisting of tropical cyclone wind signals due to TC KHANUN is unlikely**. TC KHANUN is forecast to steadily intensify within the next 72 hours and is forecast to become a typhoon between late evening today (30 July) or tomorrow early morning (31 July) and reach its peak intensity on Tuesday (1 August) outside PAR.

According to PAGASA's Tropical Cyclone (TC)-Threat Potential forecast, TC Threat will remain active until 10 August 2023 due to TC-like vortices (TCLVs) likely forming over the northeastern portion of the PAGASA monitoring domain with a low to moderate likelihood of TC development within the monitoring period (Annex 4).

c. Southwest Monsoon

TC KHANUN may enhance the Southwest Monsoon, which will trigger occasional or monsoon rains over the western portions of Luzon and Visayas beginning 29 July or 30 July. However, the magnitude, extent, and timing of monsoon enhancement and resulting rainfall may still change due to dependence of the Southwest Monsoon enhancement on the intensity and movement of TC KHANUN.

3. ACTIONS TAKEN AND RESOURCES MOBILISED

Response by the Government of the Philippines as of 30 July 2023

a. Operational

NDRRMC **RED ALERT** Day 10 for the Combined Effects of the Southwest Monsoon and Tropical Cyclone DOKSURI in the Philippines.

Pre-emptive evacuation of 17,334 persons in Regions I, II, III, CALABARZON, MIMAROPA, and VI.

b. Costs of Humanitarian Assistance



A total of 1,167,171 USD worth of assistance has been provided to those affected in Region I, II, III, CALABARZON, MIMAROPA, V, VI, VII, VIII, IX, X, CARAGA, CAR, and NCR by the DSWD, OCD, and LGUs

c. Response Cluster EEIs

Food and Non-Food Items (F/NFI). 75,889 FNFI provided (65,802 of which are FFPs, 1,745 pcs are blankets, 1,747 buckets, and family hygiene kits among others) were provided to affected families in Regions I, II, and CAR. 2.3M USD worth of FNFI assistance provided. 58.2M USD standby funds and prepositioned relief stockpile from DSWD and OCD remains available.

Search Rescue and Retrieval (SRR). 372 SRR personnel deployed, 19,721 SRR personnel on standby.

Emergency Telecommunications. 16 emergency telecommunications resources deployed. 616 emergency telecommunications equipment/resources available and ready for deployment.

Law and Order. 3,106 personnel deployed in evacuated areas conducting visibility patrols in Regions 1, 2, 3, 4A, CAR, NCR (220 of which are deployed in evacuated areas and 2,886 in commercial areas); 240 police assistance desks established, 188 of which are in occupied evacuation centres, 46 in seaports and 6 personnel in airports.

Evacuation Centres. 93 classrooms used as evacuation centres in Regions CAR, II, and VI;

Health. 141K USD worth of commodities and medical logistics were delivered to CHD I, CHD II, CHC CAR, CHD VI.

Response by the AHA Centre as of 30 July 2023

- a. On 24 July 2023, the AHA Centre has issued Flash Update #1 related to early warning information for both TC DOKSURI and TC KHANUN then referred to as "INVEST 91W".
- b. As of 28 July 2023, in coordination with NDRRMC-OCD, the AHA Centre has dispatched 3,840 personal hygiene kits, 250 shelter repair kits, and 2 water filtration units from the DELSA Satellite Warehouse in Camp Aguinaldo, Quezon City, Philippines to be distributed to the affected communities. Details are as follows:

Items	Requested	Dispatched	Unit	Remarks
Personal Hygiene Kits	17,540	3,840	Kit	Dispatch on 28 July 2023; for distribution in the Cordillera Administrative Region
Shelter Repair Kits	4,002	250	Kit	Dispatch on 28 July 2023; for distribution in the Cordillera Administrative Region
Family Kits	4,000	-	Kit	
Tarpaulin (pre-cut)	943	-	Sheet	
Generator sets	3	-	Unit	



Water Filtration Unit	2	2	Unit	Dispatch on 28 July 2023; for distribution in the Cordillera Administrative Region
-----------------------	---	---	------	--



Figure 1. Distribution of DELSA Relief Items in the Province of Abra in the Cordillera Administrative Region on 30 July 2023. Source: AHA Centre National Logistics Officer-Philippines

4. RECOMMENDATIONS AND PLAN OF ACTIONS

The AHA Centre's Plan

- a. AHA Centre will continue to liaise with NDRRMC-OCD for the dispatch of the remaining requested DELSA relief items.
- b. AHA Centre will continue to monitor the Emergency Observation Request for satellite imagery and analysis made by the Sentinel Asia Network on behalf of the Philippines for additional information.
- c. The AHA Centre will continuously update the impact information in the ASEAN Disaster Information Network (ADINet) on the impacts of TC DOKSURI with the following identification numbers AHADID: [AHA-TC-2023-000657-PHL](#) | GLIDE Number: [TC-2023-000121-PH](#).



Prepared by:

The AHA Centre - Emergency Operations Centre (EOC)

ABOUT THE AHA CENTRE

The AHA Centre - ASEAN Coordinating Centre for Humanitarian Assistance on disaster management - is an inter-governmental organisation established by 10 ASEAN Member States – Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam - to facilitate the cooperation and coordination among ASEAN Member States and with the United Nations and international organisations for disaster management and emergency response in the region.

The ASEAN Coordinating Centre for Humanitarian Assistance on disaster management (AHA Centre), Graha BNPB 13th Floor, JL Raya Pramuka Kav 38, East Jakarta, 13210, Indonesia
Phone: +62-21-210-12278 | www.ahacentre.org | email: info@ahacentre.org

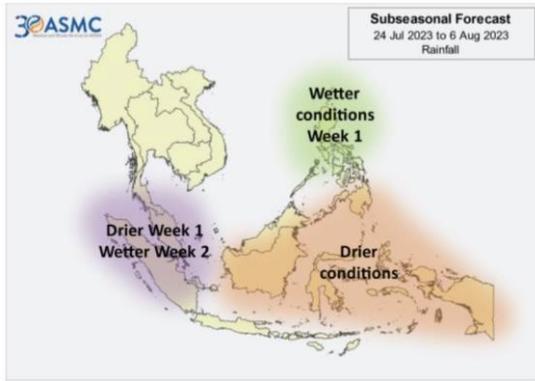
Contact:

- 1) Lawrence Anthony Dimailig, Assistant Director for Disaster Monitoring and Analysis, lawrence.dimailig@ahacentre.org
- 2) Keith Paolo Landicho, Disaster Monitoring and Analysis Officer, keith.landicho@ahacentre.org
- 3) Sadhu Zukhruf Janottama, Disaster Monitoring & Analysis Officer, sadhu.janottama@ahacentre.org

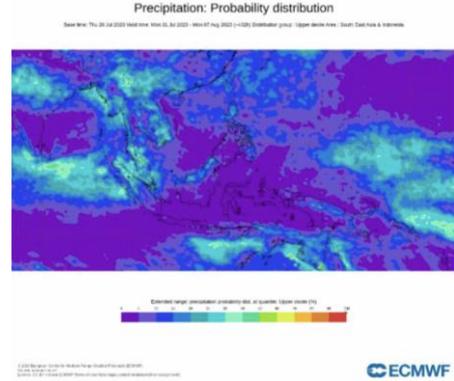


ANNEXES

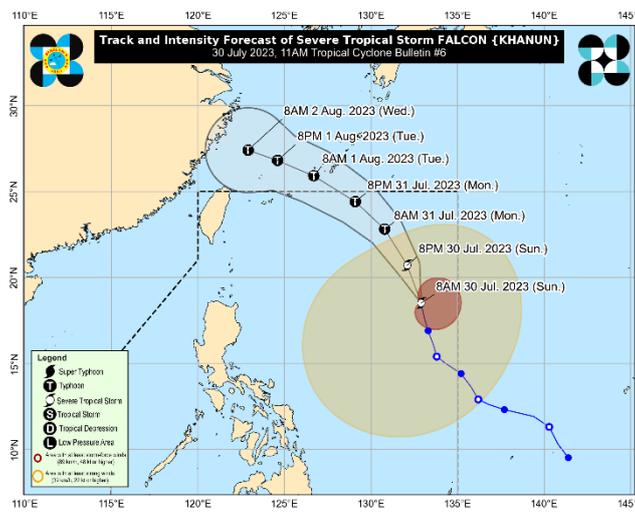
Annex 1. Fortnightly Outlook Guidance-Subseasonal Forecast – ASMC



Annex 2. Fortnightly Outlook Guidance-Regional Assessment of Extremes – ASMC



Annex 3. Tropical Cyclone Advisory for TC KHANUN – PAGASA



Annex 4. Tropical Cyclone (TC)-Threat Potential Forecast - PAGASA

Week 1 (July 28 – August 03, 2023)

Week 2 (August 04 - 10, 2023)

Tropical Cyclone (TC)-Threat Potential
Initialization: 27 July 2023 (8 AM)

Date issued: 28 July 2023
Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (July 28 – August 03, 2023)

- TC "Doksur" (TC1) remains present over the northwestern boundary of the PMD and is expected to make landfall over Southern China.
- Meanwhile, TC "Khanun" (TC2) formed over the TCAD is expected to enter the PAR within the forecast period with a general movement in a northwestward direction.
- Therefore, the **TC-THREAT remains active** in week-1.

Week-2 (August 04 - 10, 2023)

- TC-like vortices (TC1Vs) are likely to form over the northeastern portion of the PMD with a low to moderate likelihood of TC development within the period.
- Therefore, the **TC-THREAT persists** over week-2.

However, any changes in the forecast pattern will be closely monitored, and updates will be issued as needed.

Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Bureau (CWB) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWB through the MECOTCCO VOTE Project. This is for guidance purposes only.

For Weather Updates, kindly refer to www.basnet.pagasa.dost.gov.ph/whetec

PMD: PAGASA Monitoring Domain TCAD: Tropical Cyclone Advisory Domain
 PAR: Philippine Area of Responsibility TOD: Tropical Cyclone Information Domain

Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA)
Prepared by: CAD-CLMPS-Contact us @Tel no: (02)2838-0800 loc. 4903/4921 or Email: pagasa.clmips@gmail.com

