



**India Meteorological Department  
(Ministry of Earth Sciences)**

**NATIONAL BULLETIN NO. 39 (BOB/04/2023)**

**TIME OF ISSUE: 1400 HOURS IST**

**DATED: 25.10.2023**

**FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)**

**TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)**

**CONTROL ROOM NDMA (FAX.NO. 26701729)**

**CABINET SECRETARIAT (FAX.NO.23012284, 23018638)**

**PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)**

**SECRETARY, MOES (FAX NO. 24629777)**

**H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)**

**DIRECTOR GENERAL, DOORDARSHAN (23385843)**

**DIRECTOR GENERAL, AIR (23421105, 23421219)**

**PIB MOES (FAX NO. 23389042)**

**UNI (FAX NO. 23355841)**

**D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)**

**DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)**

**CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)**

**CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)**

**CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)**

**CHIEF SECRETARY, TAMIL NADU (FAX NO 044-25672304)**

**CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)**

**CHIEF SECRETARY, GOVT. OF TRIPURA (FAX NO. 0381-2414013, 2413200)**

**CHIEF SECRETARY, GOVT. OF MIZORAM (FAX NO. 0389-2322745, 2320588)**

**CHIEF SECRETARY, GOVT. OF MANIPUR (FAX NO. 0385-2452629)**

**CHIEF SECRETARY, GOVT. OF NAGALAND (FAX NO. 0370-2270057)**

**ADMINISTRATOR, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)**

**Sub: Deep Depression [Remnant of the Cyclonic Storm "Hphoon" (pronounced as Hphoon)] over southeast Bangladesh & adjoining Mizoram weakened into a Depression over Mizoram**

The Deep Depression [Remnant of the Cyclonic Storm "Hphoon"] over southeast Bangladesh & adjoining Mizoram moved nearly north-northeastwards with a speed of 10 kmph during past 6 hours, **weakened into a Depression** and lay centered at 1130 hours IST of 25<sup>th</sup> October over Mizoram near latitude 22.7°N and longitude 92.7°E, about 110 km south of Aizawl (Mizoram).

It is very likely to continue to move north-northeastwards and weaken further into a well marked low pressure area during next 06 hours.

**Warnings:**

**(i) Rainfall Warning:**

**Manipur, Mizoram & Tripura and south Assam & Meghalaya:** Light to moderate rainfall is very likely at many places over the above region on 25<sup>th</sup> October.

Light to moderate rainfall is very likely at many places over Nagaland, Manipur and east Arunachal Pradesh on 25<sup>th</sup> October.

**(ii) Wind warning (warning graphics enclosed):**

- **Northeast Bay of Bengal:**

**Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is prevailing and likely to decrease gradually becoming **25-35 kmph gusting to 45 kmph** by 25<sup>th</sup> evening and would decrease further thereafter.

- **Along & off Bangladesh and north Myanmar coasts:**

**Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is prevailing **along & off Bangladesh and adjoining north Myanmar coast** and likely to decrease gradually becoming **25-35 kmph gusting to 45 kmph** by 25<sup>th</sup> evening and would decrease further thereafter.

- **Mizoram, Tripura, and Manipur:**

**Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** is likely to prevail over Mizoram and Tripura till 25<sup>th</sup> October evening and likely to decrease becoming **25-35 kmph gusting to 45 kmph** thereafter for subsequent 12 hours. Strong wind speed reaching **25-35 kmph gusting to 45 kmph** over Manipur on 25<sup>th</sup> October.

**(iii) Sea Condition**

**Northeast Bay of Bengal and along & off Bangladesh & adjoining north Myanmar coasts:**  
Rough sea condition would prevail during next 06 hours and would improve thereafter.

**(iv) Fishermen Warning (Graphics attached):**

Fishermen are advised not to venture into **Northeast Bay of Bengal and along & off Bangladesh & north Myanmar coasts** till 25<sup>th</sup> October evening.

**System is under continuous surveillance and the next bulletin will be issued at 2030 hours IST of 25<sup>th</sup> October, 2023.**

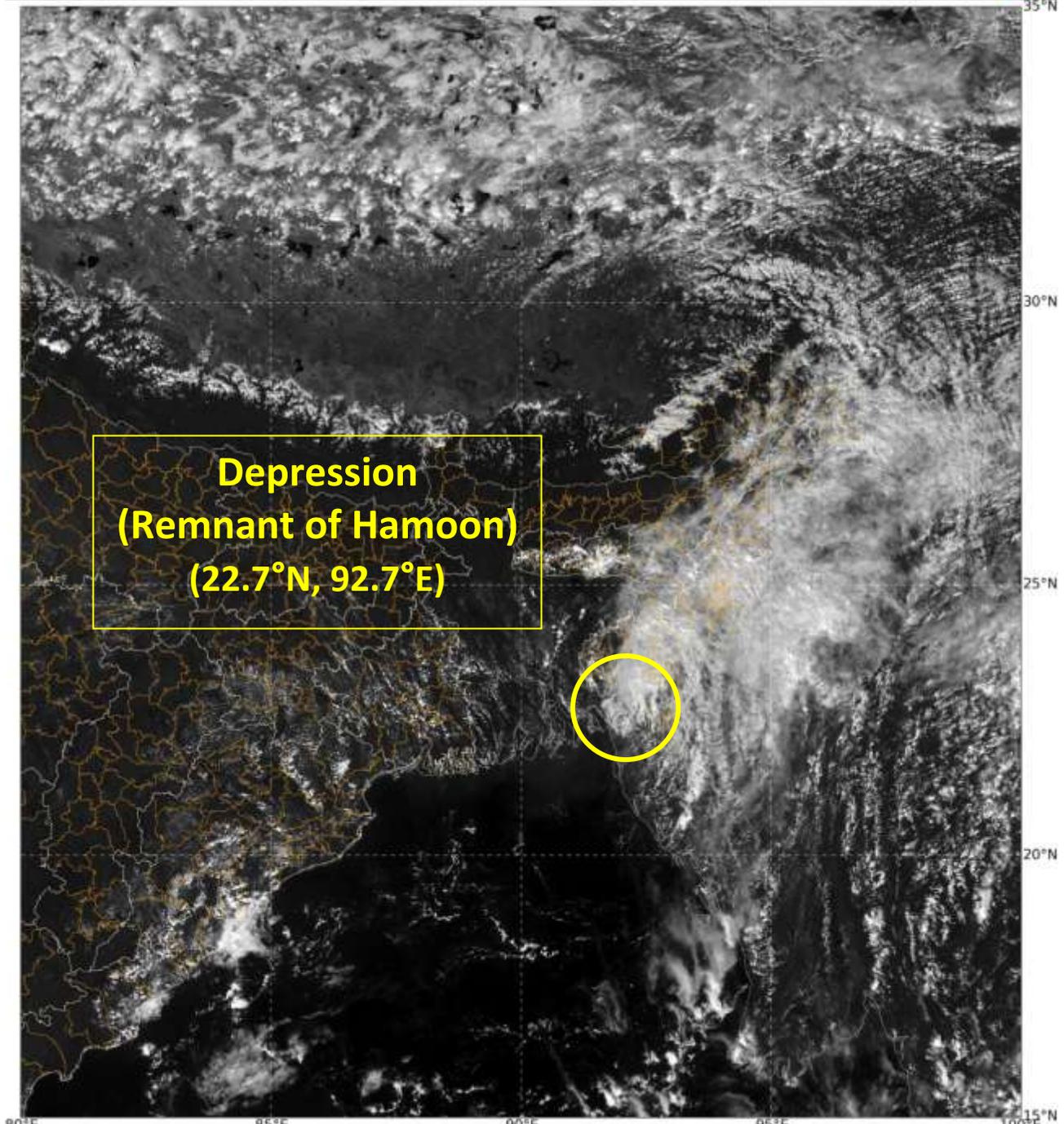
**(Akhil Srivastava)**

**Scientist D, Cyclone Warning Division, New Delhi**

*Copy to: ACWC Mumbai/ ACWC Chennai/ ACWC Kolkata/CWC Ahmedabad/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/MC Goa*

**Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%**

**Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.**



80°E 85°E 90°E 95°E 100°E  
15°N 20°N 25°N 30°N 35°N



**OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEPRESSION (REMNANT OF CYCLONIC STORM HAMOON) OVER MIZORAM BASED ON 0600 UTC (1130 IST) OF 25<sup>TH</sup> OCTOBER 2023.**



DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34.47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM ( $\geq$  120 KT)

-  LESS THAN 34 KT
-  34.47 KT
-   $\geq$  48 KT
-  OBSERVED TRACK
-  FORECAST TRACK
-  CONE OF UNCERTAINTY

# WEATHER WARNING GRAPHICS



SUBDIVISIONWISE WEATHER WARNING FOR DAY 1  
( 25-10-2023 )



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | --- Dust Storm         | <b>Subdivision color</b> |
| ☁ Heavy Rain                | ⚡ Strong Surface Winds | 🟢 NO WARNING             |
| ☀ Heavy Snow                | 🌊 Heat Wave            | 🟡 WATCH(BE UPDATED)      |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave            | 🟠 ALERT (BE PREPARED)    |
| 🌫 Haze/fog                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



SUBDIVISIONWISE WEATHER WARNING FOR DAY 2  
( 26-10-2023 )



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | --- Dust Storm         | <b>Subdivision color</b> |
| ☁ Heavy Rain                | ⚡ Strong Surface Winds | 🟢 NO WARNING             |
| ☀ Heavy Snow                | 🌊 Heat Wave            | 🟡 WATCH(BE UPDATED)      |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave            | 🟠 ALERT (BE PREPARED)    |
| 🌫 Haze/fog                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



SUBDIVISIONWISE WEATHER WARNING FOR DAY 3  
( 27-10-2023 )



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | --- Dust Storm         | <b>Subdivision color</b> |
| ☁ Heavy Rain                | ⚡ Strong Surface Winds | 🟢 NO WARNING             |
| ☀ Heavy Snow                | 🌊 Heat Wave            | 🟡 WATCH(BE UPDATED)      |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave            | 🟠 ALERT (BE PREPARED)    |
| 🌫 Haze/fog                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 28-10-2023 )



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | --- Dust Storm         | <b>Subdivision color</b> |
| ☁ Heavy Rain                | ⚡ Strong Surface Winds | 🟢 NO WARNING             |
| ☀ Heavy Snow                | 🌊 Heat Wave            | 🟡 WATCH(BE UPDATED)      |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave            | 🟠 ALERT (BE PREPARED)    |
| 🌫 Haze/fog                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 29-10-2023 )



- |                             |                        |                          |
|-----------------------------|------------------------|--------------------------|
| <b>Subdivision Warning</b>  | --- Dust Storm         | <b>Subdivision color</b> |
| ☁ Heavy Rain                | ⚡ Strong Surface Winds | 🟢 NO WARNING             |
| ☀ Heavy Snow                | 🌊 Heat Wave            | 🟡 WATCH(BE UPDATED)      |
| ⚡ Thunderstorms & Lightning | ❄ Cold wave            | 🟠 ALERT (BE PREPARED)    |
| 🌫 Haze/fog                  | 🌫 Fog                  | 🔴 WARNING (TAKE ACTION)  |

- WATCH(BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)