



**India Meteorological Department**  
**National Weather Forecasting Centre**  
**Mausam Bhawan, Lodi Road, New Delhi-110003**  
**SEVERE WEATHER GUIDANCE FOR NOWCAST**  
**(valid up to 0830 IST of tomorrow)**

(For updated guidance advisory kindly follow the link: [https://nwp.imd.gov.in/fdp\\_now/fdp\\_bulletins/fdp.pdf](https://nwp.imd.gov.in/fdp_now/fdp_bulletins/fdp.pdf) )

**Date: 04 October, 2024**

**Time of issue: 1145 IST**

**Chief Synoptic Features (Mid-Day):**

- ❖ The **line of withdrawal of Southwest Monsoon** continues to pass through 30.8°N/81.2°E, Lakhimpur Kheri, Shivpuri, Kota, Udaipur, Deesa, Surendranagar, Junagarh and 21°N/70°E.
- ❖ Conditions are favourable for further **withdrawal of Southwest Monsoon** from remaining parts of West Uttar Pradesh, some more parts Madhya Pradesh, remaining parts of East Rajasthan, some more parts of Gujarat and some parts of Maharashtra during next 2-3 days.
- ❖ An **upper air cyclonic circulation** lies over north Bangladesh & adjoining SubHimalayan West Bengal extends upto 5.8 km above mean sea level.
- ❖ A **trough** runs from northeast Uttar Pradesh to the above cyclonic circulation over north Bangladesh & adjoining Sub-Himalayan West Bengal across Bihar at 0.9 km above mean sea level.
- ❖ Under the influence of upper air circulation over southwest Bangladesh & neighbourhood, a **low pressure area** has formed over north Bay of Bengal & adjoining coastal areas of Bangladesh & West Bengal with the associated cyclonic circulation extends upto 5.8 km above mean sea level tilting south-westwards with height.
- ❖ An **upper air cyclonic circulation** lies over westcentral and adjoining south Bay of Bengal and extends upto 1.5 km above mean sea level.
- ❖ The **cyclonic circulation** over Lakshadweep & neighbourhood now lies over southeast Arabian Sea and extends upto 1.5 km above mean sea level.
- ❖ A **trough** runs from the above cyclonic circulation over southeast Arabian Sea to south Kerala at 0.9 km above mean sea level.
- ❖ The **trough** from northeast Bihar to North Andaman Sea at 0.9 km above mean sea level has become less marked.

## **IOP Area for today (valid upto 0830 IST of tomorrow)**

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**Significant Rainfall:** Assam & Meghalaya, Arunachal Pradesh, Manipur, Nagaland, Mizoram, Tripura, Sub-Himalayan West Bengal, Gangetic West Bengal, Northeast Bihar, Kerala, Tamilnadu, South Interior Karnataka, Rayalaseema.

**Thunderstorm with Squally Winds (>60 kmph) and lightning:** Nil.

**Thunderstorm with Squally Winds (50-60 kmph) and lightning:** Nil.

**Thunderstorm with Gusty Winds (upto 40-50 kmph) and lightning:** Nil.

**Thunderstorm with Gusty Winds (upto 30-40 kmph) and lightning:** Nil.

**Thunderstorm with Hail and lightning:** Nil.

**Thunderstorm with Lightning:** Assam & Meghalaya, Manipur, Nagaland, Mizoram, Tripura, Arunachal Pradesh, West Bengal, Sikkim, Jharkhand, Bihar, North Odisha, Interior Karnataka, Tamilnadu, Coastal Andhra Pradesh, Telengana, Rayalaseema, Kerala & Mahe, Madhya Maharashtra, Konkan & Goa, Marathwada.

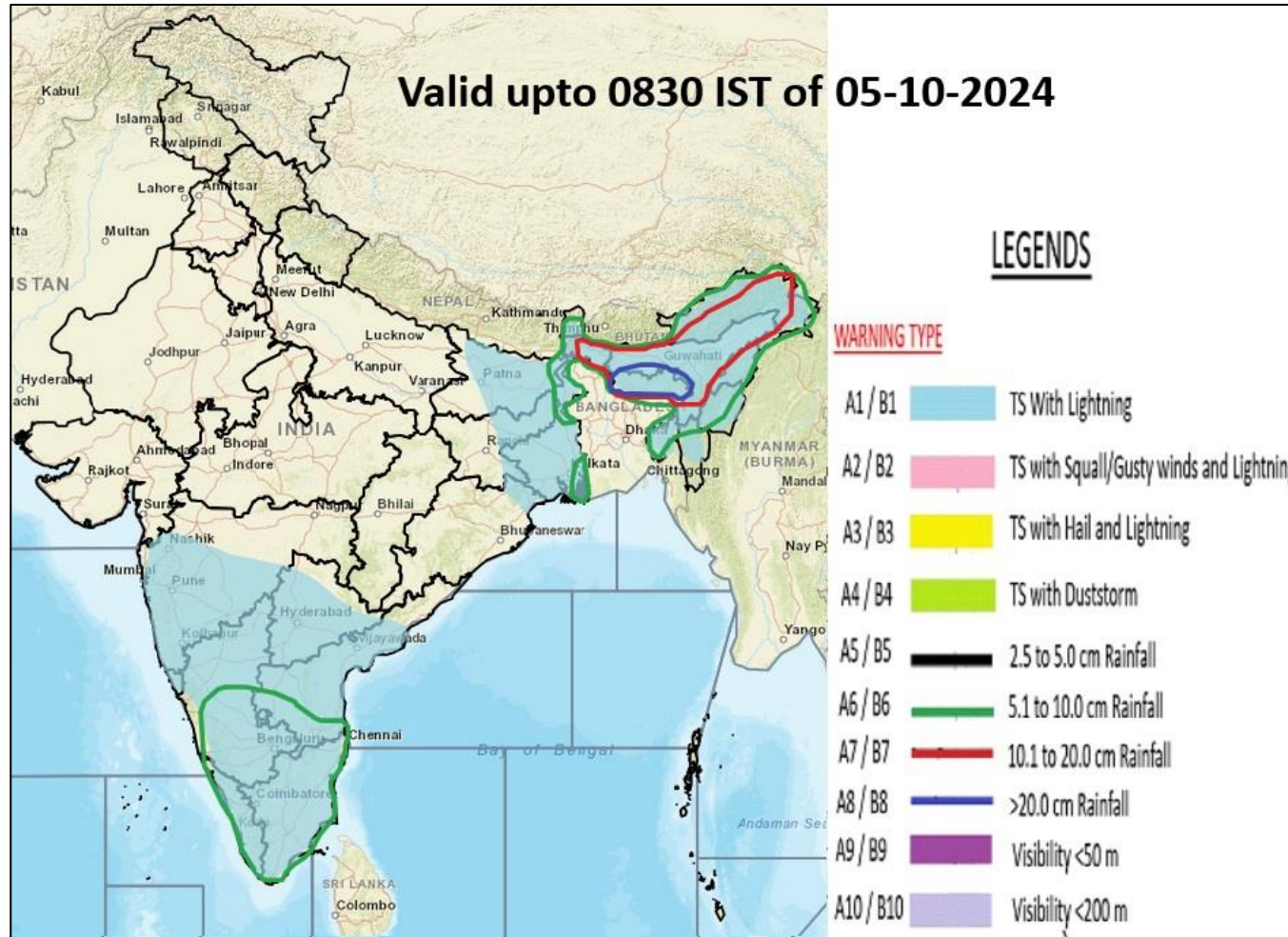
**Thunderstorm with Duststorm, Lightning and gusty winds (30-40kmph):** Nil

**Strong Surface Winds(30-40kmph):** Nil

**Visibility (<50 m):** Nil

**Visibility (<200 m):** Nil.

**Graphical Presentation of Potential Areas for Severe Weather (IOP) for today  
(Valid upto 0830 IST of tomorrow)**



**If you observe any severe weather, report us at:**

[https://city.imd.gov.in/citywx/crowd/enter\\_th\\_dataq.php](https://city.imd.gov.in/citywx/crowd/enter_th_dataq.php)

**बिजली गिरने की चेतावनी हेतु "दामिनी" ऐप डाउनलोड करें! Download the Damini App for Lightning Alerts/Early Warning:**

**Link (Android):-** <https://play.google.com/store/apps/details?id=com.lightening.live.damini>

**Link (IOS):-** <https://apps.apple.com/app/id1502385645>