



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)

Date: 05 January, 2025

Time of issue: 1240 IST

Chief Synoptic Features (Mid-day):

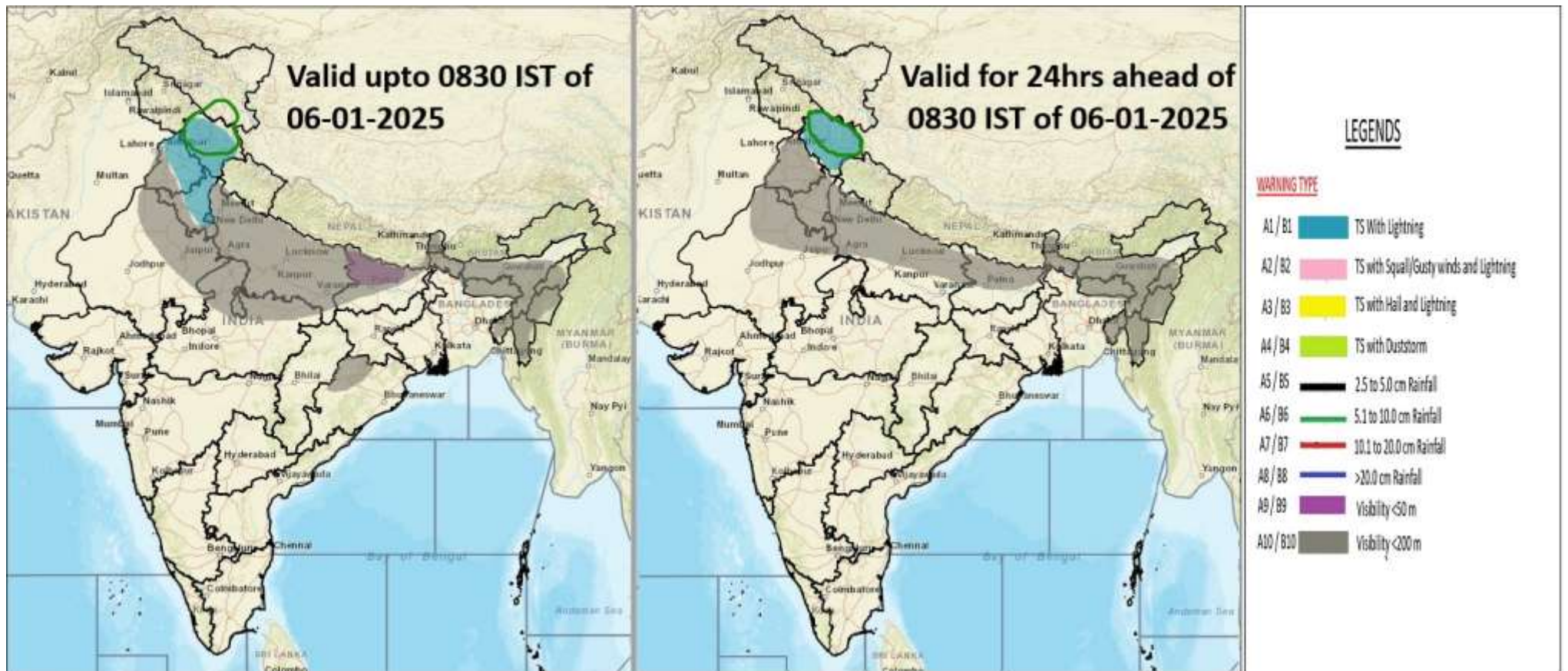
- ❖ **The Western disturbance** is now seen as a trough between 3.1 km & 12.6 km above mean sea level with its axis at 3.1 km above mean sea level runs roughly along Long. 67°E to the north of Lat. 20°N.
- ❖ **The induced cyclonic circulation** over Southwest Rajasthan & adjoining Pakistan now lies over southwest Rajasthan & adjoining southeast Rajasthan and extends upto 1.5 km above mean sea level.
- ❖ **A trough** runs from north Punjab to westcentral Arabian Sea across the induced cyclonic circulation over southwest Rajasthan & adjoining southeast Rajasthan at 1.5 km above mean sea level.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order upto 120 knots at 12.6 km above mean sea level is prevailing over North India.
- ❖ **A fresh Western Disturbance** is likely to affect northwest India from 10th January, 2025.

Intensive Observation Period (IOP) Areas for Day-1 and Day-2 (valid upto 0830 IST of day after tomorrow)

(For updated guidance advisory map kindly follow the link: https://nwp.imd.gov.in/fdp_now/fdp_bulletins/iop.jpg)

IOP Advisory for Day-1	IOP Advisory for Day-2
<p>Significant Rainfall: Jammu & Kashmir, Himachal Pradesh.</p> <p>Thunderstorm with Squally Winds (>60 kmph) and lightning: Nil.</p> <p>Thunderstorm with Squally Winds (50-60 kmph) and lightning: Nil.</p> <p>Thunderstorm with Gusty Winds (upto 40-50 kmph) and lightning: Nil.</p> <p>Thunderstorm with Gusty Winds (upto 30-40 kmph) and lightning: Nil.</p> <p>Thunderstorm with Hail and lightning: Nil.</p> <p>Thunderstorm with Lightning: Himachal Pradesh, Punjab, Haryana, Delhi.</p> <p>Thunderstorm with Duststorm, Lightning and gusty winds (30-40kmph): Nil.</p> <p>Strong Surface Winds(30-40kmph): Nil.</p> <p>Visibility (<50 m): Bihar.</p> <p>Visibility (<200 m): North Madhya Pradesh, Sub-Himalayan west Bengal, interior Odisha, Assam, Meghalaya, Mizoram & Tripura, Haryana, Punjab, Uttar Pradesh, North Rajasthan.</p>	<p>Significant Rainfall: Himachal Pradesh.</p> <p>Thunderstorm with Squally Winds (>60 kmph) and lightning: Nil.</p> <p>Thunderstorm with Squally Winds (50-60 kmph) and lightning: Nil.</p> <p>Thunderstorm with Gusty Winds (upto 40-50 kmph) and lightning: Nil.</p> <p>Thunderstorm with Gusty Winds (upto 30-40 kmph) and lightning: Nil.</p> <p>Thunderstorm with Hail and lightning: Nil.</p> <p>Thunderstorm with Lightning: Himachal Pradesh.</p> <p>Thunderstorm with Duststorm, Lightning and gusty winds (30-40kmph): Nil.</p> <p>Strong Surface Winds(30-40kmph): Nil.</p> <p>Visibility (<50 m): Nil</p> <p>Visibility (<200 m): Punjab, Haryana, North Rajasthan, Uttar Pradesh, Bihar Sub-Himalayan West Bengal, Assam, Meghalaya, Mizoram & Tripura.</p>

**Graphical Presentation of Potential Areas (IOP) for Severe Weather for Day-1 and Day-2
(Valid upto 0830 IST of day after tomorrow)**



If you observe any severe weather, report us at:

https://city.imd.gov.in/citywx/crowd/enter_th_dataq.php

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