



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 04<sup>th</sup> October, 2025

Time of Issue: 1400 hours IST

**Subject: (i) Heavy to very heavy rainfall with possibility of exceptionally heavy rainfall likely over North Bihar; & extremely heavy rainfall over East Uttar Pradesh & Sub-Himalayan West Bengal & Sikkim today on 04<sup>th</sup> October.**

**(ii) A fresh intense western disturbance is likely to cause heavy rainfall & hailstorm over Northwest India during 05<sup>th</sup>-07<sup>th</sup> October with peak intensity on 06<sup>th</sup> October.**

**Realised weather during past 24 hours till 0830 hours IST of today, the 04<sup>th</sup> October, 2025:**

- ❖ Exceptionally heavy rainfall recorded at isolated places over Siwan (Maharajganj) 32 cm.
- ❖ Heavy to very heavy rainfall with Extremely heavy rainfall ( $\geq 21$  cm) has been recorded at isolated places over North Bihar.
- ❖ Heavy to very heavy rainfall (7-20 cm) has been recorded at isolated places over East Uttar Pradesh, East Madhya Pradesh, Jharkhand and Tamil Nadu.
- ❖ Heavy rainfall (7-11 cm) has been recorded at isolated places over Rajasthan, West Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya, Rayalaseema, Chhattisgarh, Gangetic West Bengal, Odisha.

For more details of realised weather, kindly refer [Annexure I](#).

**Withdrawal of southwest Monsoon:**

- ❖ The line of withdrawal of southwest monsoon continues to pass through 20°N/ 69°E, Veraval, Bharuch, Ujjain, Jhansi, Shahjahanpur and 30°N/81°E. ([Annexure II](#))

**i. Weather Systems, Forecast and Warnings (refer to Annexure III & IV):**

- ❖ Yesterday's Depression over interior Odisha moved nearly northwards and weakened into a well-marked low-pressure area over north Chhattisgarh and adjoining areas of north interior Odisha & Jharkhand at 1730 hrs IST of yesterday. It lay over west Jharkhand and adjoining areas of south Bihar, southeast Uttar Pradesh and north Chhattisgarh at 0530 hrs IST of today, the 4<sup>th</sup> October 2025 and persisted over the same region at 0830 hrs IST of today, the 4<sup>th</sup> October 2025. It is likely to move north-northeastwards towards Bihar and weaken gradually into a low-pressure area during next 12 hours.
- ❖ Yesterday's Deep Depression over northeast Arabian Sea moved northwestwards, and intensified into a cyclonic storm "Shakhti" [Pronunciation: Shakhti] around 1130 hrs IST of yesterday over the same region. It further moved westwards and intensified into Severe Cyclonic Storm around 0530 hrs IST of today, the 4<sup>th</sup> October, 2025 over the same region. Then, it moved westwards with a speed of 18 kmph during last 6 hours and lay centered at 0830 hrs IST of today, the 4<sup>th</sup> October, 2025 over northwest & adjoining northeast Arabian Sea near latitude 22.0N and longitude 64.5E, about 470 km west of Dwarka and 470 km west-southwest of Naliya. It is likely to move west-southwestwards and reach northwest and adjoining west central Arabian Sea by 5<sup>th</sup> October. Thereafter, it will recurve and move east-northeastwards from morning of 6<sup>th</sup> October 2025 and weaken gradually.
- ❖ The **trough** from the northeast Bihar to east Vidarbha across **cyclonic circulation** associated with **well marked low pressure area** over west Jharkhand and adjoining areas of south Bihar, southeast Uttar Pradesh and north Chhattisgarh, lay between 1.5 & 5.8 km above mean sea level.
- ❖ A **trough** runs from the South Interior Karnataka to Comorin area in lower tropospheric levels.
- ❖ A **Western Disturbance** seen as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 73°E to the north of Lat. 29°N.

- ❖ A fresh Western Disturbance along with high moisture feeding from Arabian sea as well as Bay of Bengal to northwest India at lower tropospheric levels likely to cause heavy precipitation spell along with hailstorm during 05th to 07th with peak intensity on 06th October, 2025.

**Under the influence of these systems, the following weather is likely:**

#### **East India:**

- ❖ **Isolated Extremely heavy rainfall ( $\geq 21$  cm) with isolated exceptionally heavy rainfall ( $\geq 30$  cm) likely over North Bihar on 04<sup>th</sup> and Isolated Extremely heavy rainfall on 05<sup>th</sup> October.**
- ❖ **Isolated Extremely heavy rainfall ( $\geq 21$  cm) likely over Sub-Himalayan West Bengal, Sikkim on 04<sup>th</sup> & 05<sup>th</sup> with isolated heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 06<sup>th</sup> October.**
- ❖ Light to moderate rainfall/thunderstorm at most/many places with isolated **heavy rainfall** likely over Jharkhand on 04<sup>th</sup> & 05<sup>th</sup>; over Bihar on 06<sup>th</sup> October.
- ❖ Thunderstorm & gusty winds (speed reaching 30-40 kmph) very likely over East India during next 4-5 days.

#### **Northeast India:**

- ❖ Light/moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Arunachal Pradesh on 04<sup>th</sup>, 5<sup>th</sup> & during 07<sup>th</sup>-09<sup>th</sup>; Assam & Meghalaya during 04<sup>th</sup>, 05<sup>th</sup> & 8<sup>th</sup>, 9<sup>th</sup>; Nagaland during 07<sup>th</sup>-10<sup>th</sup>; Manipur on 08<sup>th</sup> & 09<sup>th</sup>; Mizoram on 08<sup>th</sup> October.

#### **South Peninsular India:**

- ❖ Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Tamil Nadu on 04<sup>th</sup> & 05<sup>th</sup>; Coastal Andhra Pradesh & Yanam and Rayalaseema on 04<sup>th</sup> and Kerala & Mahe on 05<sup>th</sup> & 06<sup>th</sup> October.
- ❖ Strong surface winds (speed reaching 30-40 kmph) over Coastal Andhra Pradesh & Yanam & Rayalaseema during next 5 days.
- ❖ Thunderstorm with gusty wind (speed reaching 30-40 kmph) over Karnataka on 04<sup>th</sup> & 05<sup>th</sup>; Telangana during 04<sup>th</sup> – 08<sup>th</sup> October.

#### **Northwest India:**

- ❖ **Isolated Extremely heavy rainfall ( $\geq 21$  cm) likely over East Uttar Pradesh on 04<sup>th</sup> October.**
- ❖ Isolated to scattered rainfall very likely over Northwest India on 04<sup>th</sup> and increase thereafter with fairly widespread to widespread rainfall accompanied with thunderstorm & lightning during 05<sup>th</sup>-07<sup>th</sup> October.
- ❖ Isolated **heavy rain/snow** likely over Uttarakhand on 06<sup>th</sup> & 07<sup>th</sup> October.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh and West Rajasthan 05<sup>th</sup> & 06<sup>th</sup>; Himachal Pradesh and Punjab during 05<sup>th</sup>-07<sup>th</sup>; East Rajasthan and Haryana Chandigarh on 06<sup>th</sup> & 07<sup>th</sup>; West Uttar Pradesh on 06<sup>th</sup>; with **very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 06<sup>th</sup> October.
- ❖ Isolated **hailstorm** activity is also likely over Himachal Pradesh and Punjab on 05<sup>th</sup> & 06<sup>th</sup>; Haryana Chandigarh, West Uttar Pradesh, Uttarakhand & Rajasthan on 06<sup>th</sup> October.
- ❖ Thunderstorm with gusty wind (speed reaching 30-50 kmph) over Jammu-Kashmir, Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh and Rajasthan during 05<sup>th</sup> – 07<sup>th</sup>; East Uttar Pradesh on 04<sup>th</sup> October.

#### **West India:**

- ❖ Light to moderate rain/thunderstorm at some/isolated places with **isolated heavy rainfall** likely over Konkan & Goa & Saurashtra & Kutch on 8<sup>th</sup> and Gujarat Region on 08<sup>th</sup> and 09<sup>th</sup> October.

#### **Fishermen warnings:**

Fishermen are advised not to venture into Northwest Arabian Sea, adjoining areas of northeast Arabian Sea, central Arabian sea and along & off Gujarat-north Maharashtra coasts during 04<sup>th</sup>-07<sup>th</sup> October.

#### **ii. Weather conditions and forecast over Delhi/NCR during 04<sup>th</sup> to 07<sup>th</sup> October, 2025 (Annexure V)**

**For more details, kindly refer National Weather Bulletin:**

[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

**For District wise warnings refer:** <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

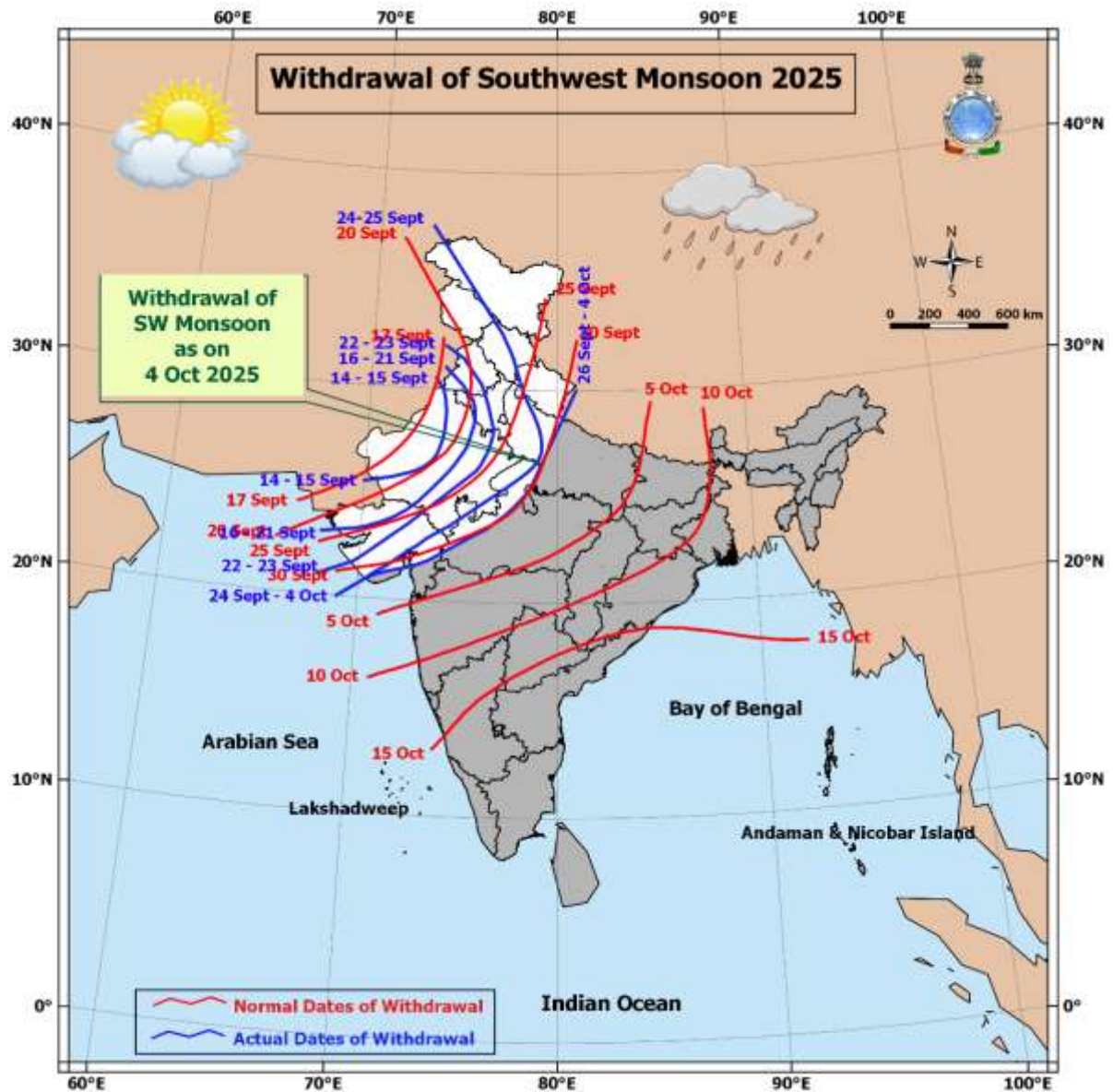
**For Fishermen warning refer** <https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php>

**Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 04<sup>th</sup> October (≥ 7cm):**

- ❖ **Bihar:** Maharajganj (dist Siwan) 32; Jagdishpur (dist Bhojpur) 29; Goriakothi (dist Siwan) 28; Kessariah (dist East Champaran), Kalyanpur (dist East Champaran) 25 Each; Pachrukhi (dist Siwan), Piro (dist Bhojpur), Raghunathpur (dist Siwan) 24 Each; Charpokhiri (dist Bhojpur), Shahpur (dist Bhojpur), Bihiyan (dist Bhojpur) 23 Each; Sasaram (dist Rohtas), Mairwa (dist Siwan), Duraundha (dist Siwan), Ziradei (dist Siwan) 22 Each; Tarari (dist Bhojpur) 21; Garhani (dist Bhojpur) 20; Nokha (dist Rohtas) 19; Udwanthnagar (dist Bhojpur), Arrah (dist Bhojpur), Nautan (dist Siwan) 18 Each; Hathwa (dist Gopalganj), Gopalganj (dist Gopalganj), Thawe (dist Gopalganj), Bhagwanpur Hat (dist Siwan) 17 Each; Barauli (dist Gopalganj), Agiaon (dist Bhojpur), Kargahar (dist Rohtas), Andar (dist Siwan) 16 Each; Bhore (dist Gopalganj), Hussainganj (dist Siwan), Siswan (dist Siwan), Kochas (dist Rohtas), Akorhi Gola (dist Rohtas), Rajpur (dist Rohtas), Basantpur (dist Siwan), Barharia (dist Siwan) 15 Each; Guthani (dist Siwan), Harsidhi (dist East Champaran), Tilouthu (dist Rohtas), Siwan Sadar (dist Siwan), Darauli (dist Siwan) 14 Each; Indrapuri (dist Rohtas), Kataiya (dist Gopalganj), Bikramganj (dist Rohtas), Pachdeuri (dist Gopalganj), Bijaipur (dist Gopalganj), Lakri Nabiganj (dist Siwan), Hasanpura (dist Siwan) 13 Each; Bhabhua (dist Bhabua), Jalalpur (dist Saran), Mahedi/Mehshi (dist East Champaran), Nawanagar (dist Buxar), Sugauli (dist East Champaran), Kucchaikot (dist Gopalganj), Bettiah (dist West Champaran) 12 Each; Barahara (dist Bhojpur), Chapra (dist Saran), Adhwara (dist Bhabua), Itarahi (dist Buxar), Dinara (dist Rohtas), Raxual (dist East Champaran), Kesath (dist Buxar), Phulwaria (dist Gopalganj), Uchakagaon (dist Gopalganj), Kotwa (dist East Champaran), Areraj (dist East Champaran), Sheosagar (dist Rohtas), Mohania (dist Bhabua) 11 Each; Dehri (dist Rohtas), Tariyani (dist Sheohar), Rajpur (dist Buxar), Barhampur (dist Buxar), Chakki (dist Buxar), Durgawati (dist Bhabua), Turkaulia (dist East Champaran), Banjaria (dist East Champaran), Sangrampur (dist East Champaran) 10 Each; Lalbegiaghat (dist East Champaran), Chatia (dist East Champaran), Baitunthpur (dist Gopalganj), Manghi (dist Saran), Chausha (dist Buxar), Sanjhauli (dist Rohtas), Surajpura (dist Rohtas), Ishuapur (dist Saran), Kudra (dist Bhabua) 9 Each; Marsrakh (dist Saran), Koilwar (dist Bhojpur), Marhaura/Amnaur (dist Saran), Chand (dist Bhabua), Nautan (dist West Champaran), Chaugai (dist Buxar), Bhagwanpur (dist Bhabua), Karakat (dist Rohtas), Panapur (dist Saran), Sahebganj (dist Muzaffarpur) 8 Each; Ramnagar (dist West Champaran), Chanpatia (dist West Champaran), Buxar (dist Buxar), Dumri (dist Sheohar), Simri (dist Buxar), Kaler (dist Arwal), Purnahia (dist Sheohar), Dumraon (dist Buxar), Taraiya (dist Saran) 7 Each;
- ❖ **East Uttar Pradesh:** Varanasi BHU (dist Varanasi) 19; Gaighat (Bla Fmo) (dist Ballia) 17; Chunar (dist Mirzapur) 14; Chandauli (dist Chandauli) 13; Sakaldeeha (dist Chandauli), Jaunpur Tehsil (dist Jaunpur), Rajghat (Vns CWC) (dist Varanasi) 12 Each; Turtipar (dist Ballia), Mirzapur Tehsil (dist Mirzapur) 11 Each; Lalganj (dist Mirzapur), Churk (dist Sonbhadra) 10 Each; Ghazipur CWC (dist Ghazipur), Jaunpur CWC (dist Jaunpur), Mirzapur CWC (dist Mirzapur) 9 Each; Ballia (dist Ballia), Chopan Fmo (dist Sonbhadra), Ghazipur (dist Ghazipur), Mohammedabad (Y) (dist Ghazipur), Dudhi (dist Sonbhadra) 8 Each; Azamgarh (dist Azamgarh), Uska Bazar Fmo (dist Siddharth Nagar) 7 Each;
- ❖ **Jharkhand:** Bhawnathpur (dist Garhwa) 18; Dhurki (dist Garhwa) 13;
- ❖ **East Madhya Pradesh:** Churhat (dist Sidhi) 13; Singrauli-aws (dist Singrauli) 11; Sidhi (gopadbanas) (dist Sidhi), Chitrangi (dist Singrauli), Mada (dist Singrauli), Naigarhi (dist Rewa) 7 Each;
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Hosur (dist Krishnagiri) 12; Dindigul (dist Dindigul), Keelpennathur (dist Tiruvannamalai), Rscl-3 Semmedu (dist Villupuram), Rscl-3 Avalurpettai (dist Villupuram) 10 Each; Dharmapuri PTO (dist Dharmapuri), Rscl-2 Mundiampakkam (dist Villupuram) 9 Each; Arani (dist Tiruvannamalai), Chengam (dist Tiruvannamalai), Pulipatti (dist Madurai), Kcs Mill-1 Moongilthura (dist Kallakurichi) 8 Each; Chinnakalar (dist Coimbatore), Natham (dist Dindigul), Polur (dist Tiruvannamalai), Melalathur (dist Vellore), Tirupattur (dist Tirupattur), Nedungal (dist Krishnagiri), Thandarampettai (dist Tiruvannamalai), Dscl Madampoondi (dist Kallakurichi), Dscl Thirupalapandal (dist Kallakurichi), Kalasapakkam (dist Tiruvannamalai), Basl Mugaiyur (dist Villupuram), Rscl-2 Kanjanur (dist Villupuram), Rscl-2 Nemoor (dist Villupuram), Kovilankulam (dist Virudhunagar), Aruppukottai Kvk AWS (dist Virudhunagar) 7 Each;
- ❖ **West Madhya Pradesh:** Depalpur (dist Indore), Indore (dist Indore) 11 Each; Hatod (dist Indore) 8; Gautampura (dist Indore) 7;
- ❖ **East Rajasthan:** Pindwara (dist Sirohi) 11; Nathdwara (dist Rajsamand), Railmagra SR (dist Rajsamand) 9 Each; Girva SR (dist Udaipur), Udaipur/D-aero (dist Udaipur) 7 Each;

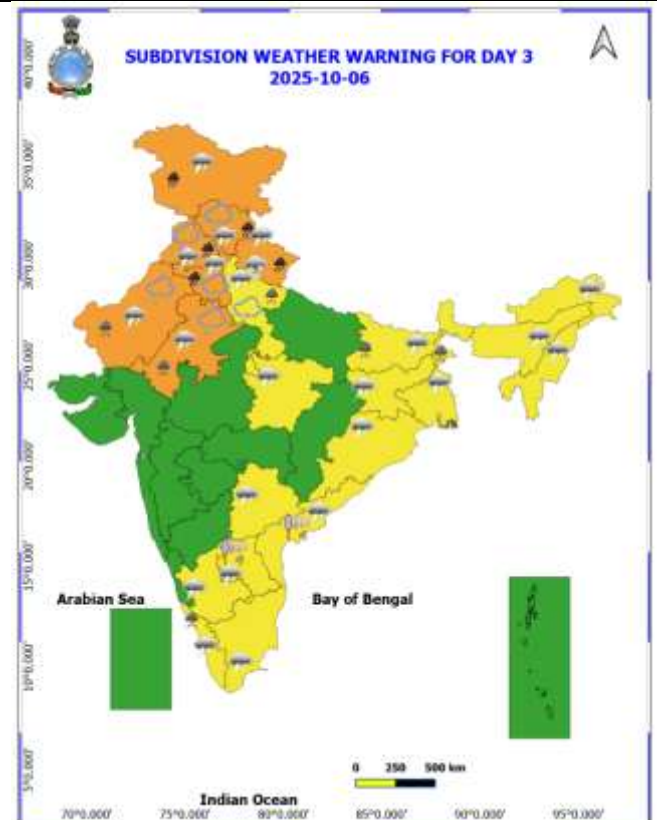
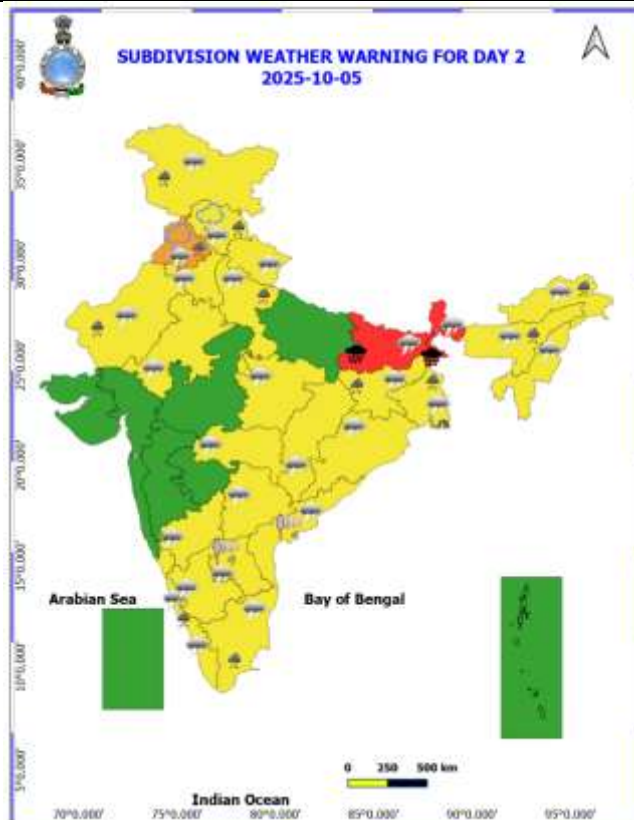
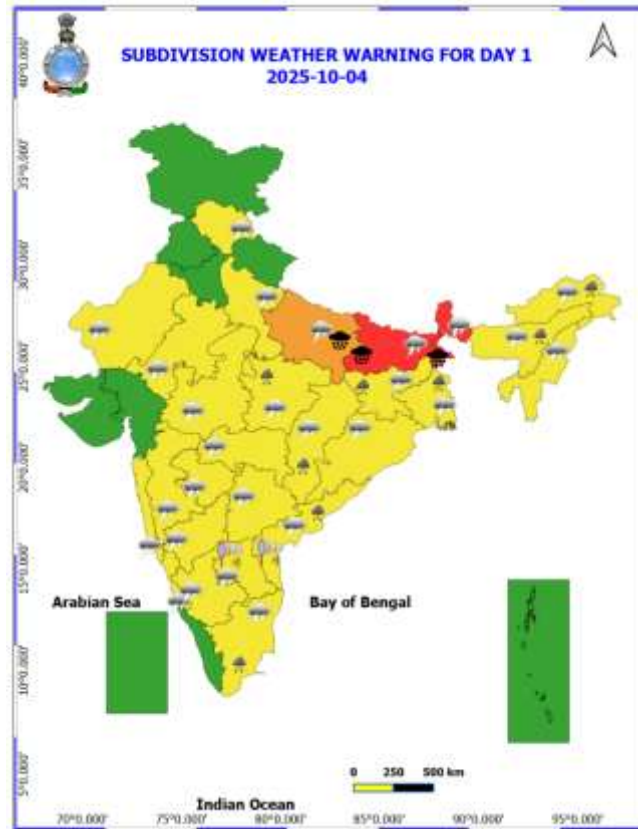
- ❖ **Royalaseema:** Palamaner (dist Chittoor) 10; Thottambedu (dist Tirupati) 7;
- ❖ **Odisha:** Khordha PTO (dist Khurda) 10;
- ❖ **Gangetic West Bengal:** Kandi (dist Murshidabad) 9; Bankura(CWC) (dist Bankura) 8; Rajnagar (dist Birbhum) 7;
- ❖ **Arunachal Pradesh:** Basar (dist West Siang) 8;
- ❖ **West Rajasthan:** Khivensar SR (dist Nagaur) 7;
- ❖ **Chhattisgarh:** Barsur (dist Dantewada) 7;
- ❖ **Assam & Meghalaya:** Dhemaji (dist Dhemaji) 7.

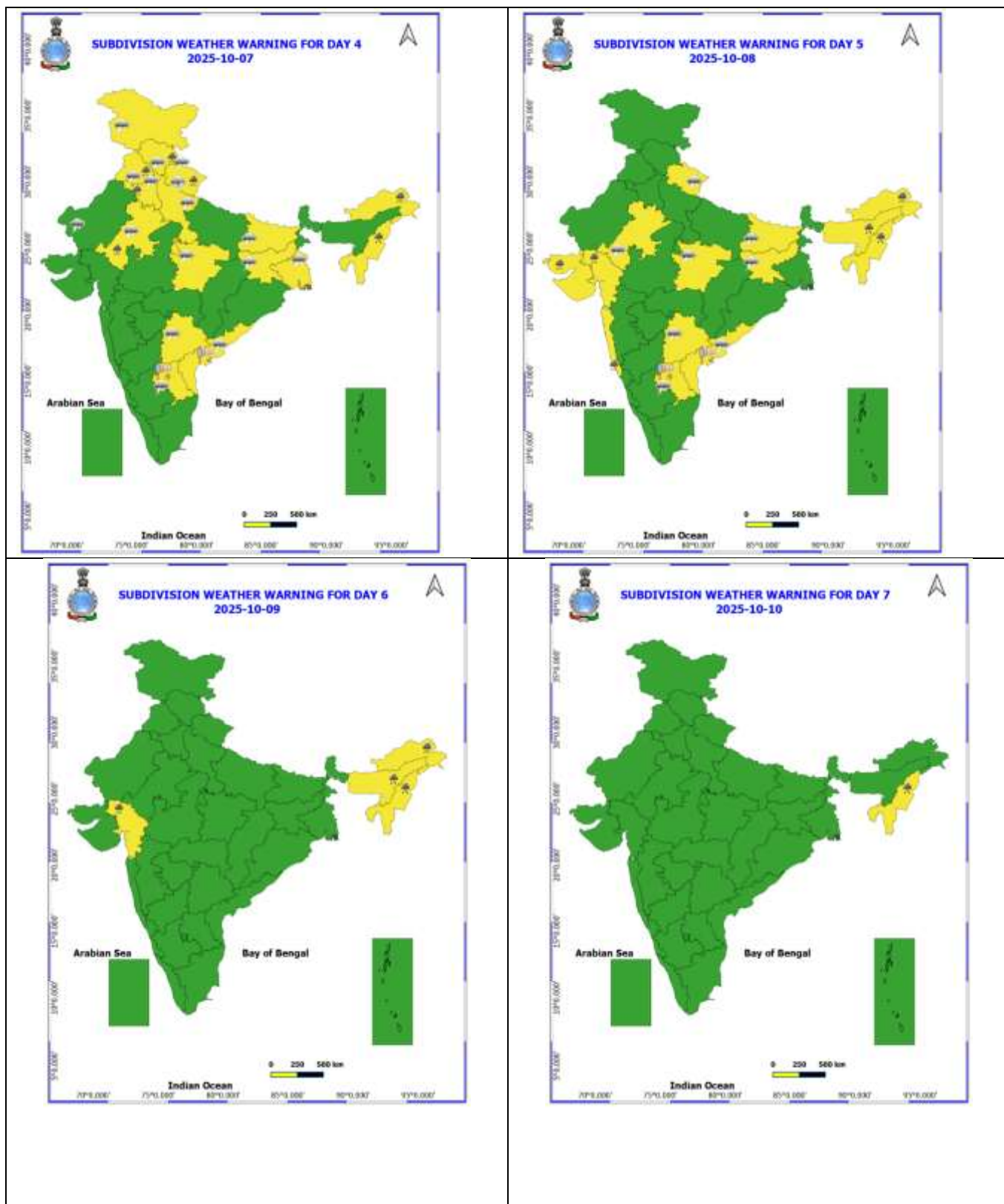
## Annexure II



| Table-1                  |                                        |        |        |        |        |        |        |         |
|--------------------------|----------------------------------------|--------|--------|--------|--------|--------|--------|---------|
| 7 Days Rainfall Forecast |                                        |        |        |        |        |        |        |         |
| S.No.                    | Subdivision                            | 4- Oct | 5- Oct | 6- Oct | 7- Oct | 8- Oct | 9- Oct | 10- Oct |
|                          |                                        | Day 1  | Day 2  | Day 3  | Day 4  | Day 5  | Day 6  | Day 7   |
| 1                        | ANDAMAN & NICOBAR ISLANDS              | FWS    | FWS    | FWS    | FWS    | FWS    | FWS    | FWS     |
| 2                        | ARUNACHAL PRADESH                      | FWS    | SCT    | SCT    | SCT    | FWS    | FWS    | SCT     |
| 3                        | ASSAM & MEHGHALAYA                     | FWS    | FWS    | SCT    | SCT    | FWS    | FWS    | FWS     |
| 4                        | NAGALAND, MANIPUR, MIZORAM AND TRIPURA | FWS    | FWS    | SCT    | SCT    | FWS    | FWS    | FWS     |
| 5                        | SUB HIMALAYAN WEST BENGAL & SIKKIM     | WS     | WS     | FWS    | SCT    | SCT    | ISOL   | ISOL    |
| 6                        | GANGETIC WEST BENGAL                   | WS     | WS     | FWS    | SCT    | SCT    | SCT    | SCT     |
| 7                        | ODISHA                                 | SCT    | SCT    | SCT    | SCT    | SCT    | SCT    | ISOL    |
| 8                        | JHARKHAND                              | WS     | FWS    | SCT    | SCT    | SCT    | ISOL   | ISOL    |
| 9                        | BIHAR                                  | WS     | WS     | FWS    | SCT    | SCT    | ISOL   | ISOL    |
| 10                       | EAST UTTAR PRADESH                     | FWS    | ISOL   | ISOL   | ISOL   | ISOL   | DRY    | DRY     |
| 11                       | WEST UTTAR PRADESH                     | ISOL   | SCT    | FWS    | ISOL   | ISOL   | DRY    | DRY     |
| 12                       | UTTARAKHAND                            | SCT    | FWS    | WS     | WS     | SCT    | ISOL   | DRY     |
| 13                       | HARYANA, CHANDIGARH & DELHI            | ISOL   | FWS    | WS     | FWS    | ISOL   | DRY    | DRY     |
| 14                       | PUNJAB                                 | SCT    | FWS    | WS     | FWS    | ISOL   | DRY    | DRY     |
| 15                       | HIMACHAL PRADESH                       | ISOL   | WS     | WS     | FWS    | SCT    | DRY    | DRY     |
| 16                       | JAMMU AND KASHMIR AND LADAKH           | ISOL   | FWS    | WS     | SCT    | DRY    | DRY    | DRY     |
| 17                       | WEST RAJASTHAN                         | ISOL   | SCT    | SCT    | ISOL   | DRY    | DRY    | DRY     |
| 18                       | EAST RAJASTHAN                         | ISOL   | ISOL   | SCT    | SCT    | ISOL   | DRY    | DRY     |
| 19                       | WEST MADHYA PRADESH                    | FWS    | FWS    | SCT    | SCT    | SCT    | ISOL   | ISOL    |
| 20                       | EAST MADHYA PRADESH                    | FWS    | FWS    | FWS    | FWS    | SCT    | SCT    | ISOL    |
| 21                       | GUJRAT REGION                          | SCT    | FWS    | WS     | FWS    | FWS    | SCT    | ISOL    |
| 22                       | SAURASHTRA & KUTCH                     | SCT    | SCT    | FWS    | SCT    | FWS    | SCT    | ISOL    |
| 23                       | KONKAN & GOA                           | ISOL   | ISOL   | SCT    | SCT    | SCT    | SCT    | SCT     |
| 24                       | MADHYA MAHARASHTRA                     | SCT    | ISOL   | ISOL   | ISOL   | ISOL   | ISOL   | ISOL    |
| 25                       | MARATHWADA                             | SCT    | ISOL   | ISOL   | ISOL   | ISOL   | ISOL   | ISOL    |
| 26                       | VIDARBHA                               | FWS    | SCT    | SCT    | ISOL   | ISOL   | ISOL   | DRY     |
| 27                       | CHHATTISGARH                           | FWS    | FWS    | SCT    | SCT    | SCT    | ISOL   | ISOL    |
| 28                       | COASTAL ANDHRA PRADESH                 | SCT    | SCT    | SCT    | SCT    | SCT    | SCT    | SCT     |
| 29                       | TELANGANA                              | SCT    | SCT    | ISOL   | ISOL   | ISOL   | ISOL   | ISOL    |
| 30                       | RAYALASEEMA                            | SCT    | SCT    | ISOL   | ISOL   | ISOL   | ISOL   | ISOL    |
| 31                       | TAMILNADU & PUDUCHERRY                 | FWS    | FWS    | SCT    | SCT    | SCT    | SCT    | SCT     |
| 32                       | COSTAL KARNATAKA                       | SCT    | SCT    | SCT    | ISOL   | ISOL   | ISOL   | ISOL    |
| 33                       | NORTH INTERIOR KARNATAKA               | SCT    | SCT    | ISOL   | ISOL   | SCT    | SCT    | FWS     |
| 34                       | SOUTH INTERIOR KARNATAKA               | SCT    | SCT    | SCT    | ISOL   | SCT    | SCT    | FWS     |
| 35                       | KERALA AND MAHE                        | SCT    | FWS    | FWS    | FWS    | WS     | WS     | WS      |
| 36                       | LAKSHADWEEP                            | SCT    | SCT    | SCT    | SCT    | SCT    | FWS    | FWS     |

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed districtwise MultiHazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

**Weather forecast over Delhi/NCR during 04<sup>th</sup> to 07<sup>th</sup> October 2025****Past Weather:**

There has been rise in the minimum temperature up to 1 - 2°C and fall in maximum temperature up to 1 - 2°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 31 to 33°C and 22 to 24°C respectively. The minimum temperature was above normal up to 2 - 3°C and maximum temperature was below normal up to 1 - 3°C. Partly cloudy sky conditions with predominant surface wind from the southeast/northeast direction with wind speeds up to 10 kmph prevailed during the past 24 hours. Partly cloudy sky conditions with a wind speed of less than 10 kmph from the southwest direction prevailed over the region in the forenoon today.

**Weather Forecast:**

**04.10.2025:** Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34 to 36°C. The maximum temperature will be near normal. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 15 - 20 kmph during afternoon hours. The wind speed will decrease becoming less than 12 kmph from the southeast direction during the evening and night.

**05.10.2025:** Generally cloudy sky. A spell of very light to light rain accompanied with thunderstorm/lighting towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 34 to 36°C and 24 to 26°C respectively. The minimum temperature will be above normal up to 1 - 3°C and the maximum temperature will be above normal up to 1 - 2°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 10-15 kmph during morning hours. The wind speed will gradually increase becoming less than 25 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 15 kmph from the northeast direction during the evening and night.

**06.10.2025:** Generally cloudy sky. A few spells of light to moderate rain very likely at many places accompanied with thunderstorms/lighting and wind speed reaching to 30 - 40 kmph gusting to 50 kmph. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 23 to 25°C respectively. The minimum temperature will be above normal up to 1 - 2°C and the maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely to be from the southeast direction with a wind speed of up to 20-25 kmph during morning hours. The wind speed will decrease becoming less than 20 kmph from the southeast direction in the afternoon. The wind speed will gradually decrease becoming less than 15 kmph from the southeast direction during the evening and night.

**07.10.2025:** Generally cloudy sky. A few spells of light to moderate rain very likely at many places accompanied with thunderstorms/lighting and wind speed reaching to 30 - 40 kmph gusting to 50 kmph. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 22 to 24°C respectively. The minimum temperature will be near normal and the maximum temperature will be below normal up to 1 - 3°C. The predominant surface wind will likely to be from the southeast direction with a wind speed of up to 15 - 20 kmph during morning hours. The wind speed will decrease becoming less than 15 kmph from the southeast direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the southeast direction during the evening and night.

### Impact & Action Suggested due to

- **Extremely heavy rainfall** ( $\geq 21$  cm) with isolated exceptionally heavy rainfall ( $\geq 30$  cm) at isolated places over North Bihar on 04th with isolated Extremely heavy rainfall over Bihar on 05th; Sub-Himalayan West Bengal, Sikkim on 04th & 05th October.
- **Very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi on 06th October.

### Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments mainly over Bihar, Jharkhand and West Bengal (for riverine flooding please visit Web page of CWC)

### Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

### Impact expected and action suggested due to Hailstorm over

- Isolated hailstorm activity over Himachal Pradesh and Punjab on 05th & 06th; Haryana Chandigarh & Delhi, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.

### Impact expected:

- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Minor damage to kutcha houses/walls and huts.

### Action suggested:

- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

### Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall

- In **Sub-Himalayan West Bengal**, keep the harvested produce of cardamom, chilli (dalley khorsani) and matured fruits of kiwi to safer places to avoid losses. Drain out excess water from fields of rice, black gram, green gram, finger millet, ginger, vegetables and fruit orchards. In **Gangetic West Bengal**, make provision to drain out excess water from the fields of rice, groundnut, vegetables and betel vine gardens.
- In **Bihar**, drain out excess water from fields of rice, maize and vegetables.
- In **Jharkhand**, drain out excess water from fields of rice, maize, finger millet and pulse crops.
- In **Jammu & Kashmir**, immediately harvest matured crops of rice and maize and keep the harvested produce in safer places. Postpone sowing of rapeseed and radish.

- In **Himachal Pradesh**, harvest the matured crops of rice, maize, kidney beans, finger millet, vegetables and matured fruits of pomegranate, apple and kiwi and shift the produce in safer places. Ensure proper drainage in rice, maize, rajma, finger millet and vegetable fields and fruit orchards to avoid waterlogging.
- In **Uttarakhand**, harvest matured green gram, black gram, finger millet, rice, vegetables and fruits immediately and store in safe place. Make drainage channels in standing crops to remove excess water from the fields.
- In **Punjab**, harvest the matured crops of rice and maize and store the produce in safe places. Make provision to drain out excess water from fields of rice, maize, cotton, and vegetables.
- In **Haryana**, harvest matured crops of rice, green gram, black gram and cotton and shift the produce in safer places. Make provision to drain out excess water from standing crop fields and vegetables.
- In **East Uttar Pradesh**, **keep the** harvested produce of maize and green gram at safer places to avoid losses. Make necessary arrangements to drain out excess water from fields of rice, maize, pulses and vegetables.
- In **Coastal Andhra Pradesh**, drain out excess rain water from fields of rice, maize, pigeon pea, black gram, cotton, sugarcane, groundnut, turmeric, vegetables and plantations of coconut, arecanut, banana, coffee and black pepper.
- In **Arunachal Pradesh**, keep the harvested crops such as rice, maize, vegetables and finger millet to properly covered shelter to avoid losses. Ensure proper drainage in the standing crops and already sown / transplanted fields.
- In **Assam**, ensure proper drainage of excess water from fields of *Sali* rice, black gram, green gram and vegetables.

#### **Livestock / Fishery**

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

#### **Agromet advisories for likely impact of Thunderstorm / Hailstorm / Gusty Winds / Squally Winds**

- Use hail net or hail cap in fruit orchards and fruit bearing vegetables to prevent mechanical damage due to hail.
- Cover papaya and banana bunches with skirting bags to protect from mechanical damage.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

## Flash Flood Guidance

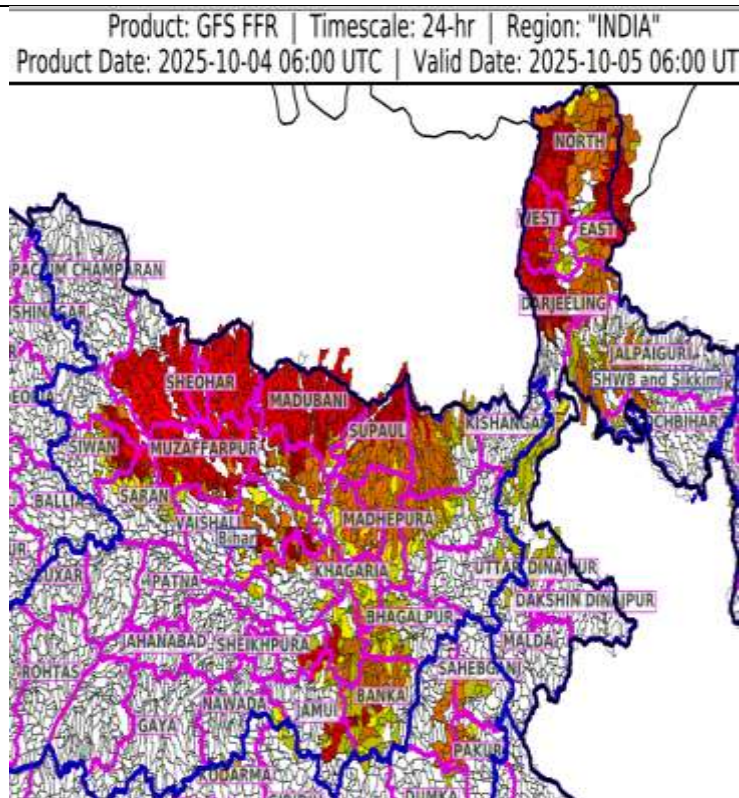
### 24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 05-10-2025 :

Moderate to High flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Bihar - Arariya, Banka, Begusarai, Bhagalpur, Bhojpur, Buxar, Drabhanga, Gopalganj, Jamui, Katihar, Khagaria, Kishanganj, Lakhisarai, Madhepura, Madubani, Munger, Muzaffarpur, Nawada, Patna, Purba Champaran, Purnia, Saharsa, Samastipur, Saran, Sheohar, Sitamarhi, Siwan, Supaul and Vaishali districts.

Sub-Himalayan West Bengal & Sikkim - East Sikkim, North Sikkim, South Sikkim, West Sikkim, Darjeeling, Jalpaiguri, Kochbihar and Uttar\_Dinajpur districts.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



### Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
  - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
  - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

## LEGENDS

1. अंडमान और निकोबार द्वीपसमूह

2. अरुणाचल प्रदेश

3. असम और मेघालय

4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा

5. उप-हिमालयी पश्चिम बंगाल और सिक्किम

6. गंगीय पश्चिम बंगाल

7. ओडिशा

8. झारखंड

9. बिहार

10. पूर्वी उत्तर प्रदेश

11. पश्चिम उत्तर प्रदेश

12. उत्तराखंड

13. हरियाणा, चंडीगढ़ और दिल्ली

14. पंजाब

15. हिमाचल प्रदेश

16. जम्मू और कश्मीर और लद्दाख

17. पश्चिम राजस्थान

18. पूर्वी राजस्थान

19. पश्चिम मध्य प्रदेश

20. पूर्वी मध्य प्रदेश

21. गुजरात

22. सौराष्ट्र

23. कोंकण और गोवा

24. मध्य महाराष्ट्र

25. मराठवाड़ा

26. विदर्भ

27. छत्तीसगढ़

28. तटीय आंध्र प्रदेश और यनम

29. तेलंगाना

30. रायलसीमा

31. तमिलनाडु, पुडुचेरी और कराईकल

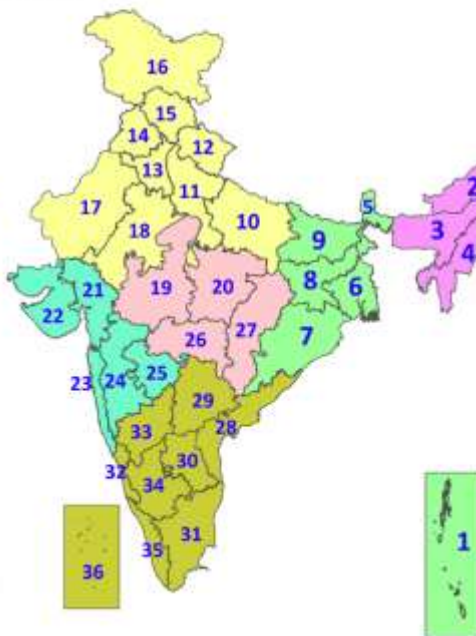
32. तटीय कर्नाटक

33. आंतरिक उत्तरी कर्नाटक

34. आंतरिक दक्षिणी कर्नाटक

35. केरल और माहे

36. लक्षद्वीप



1. Andaman & Nicobar Islands

2. Arunachal Pradesh

3. Assam & Meghalaya

4. Nagaland, Manipur, Mizoram & Tripura

5. Sub-Himalayan West Bengal & Sikkim

6. Gangetic West Bengal

7. Odisha

8. Jharkhand

9. Bihar

10. East Uttar Pradesh

11. West Uttar Pradesh

12. Uttarakhand

13. Haryana, Chandigarh & Delhi

14. Punjab

15. Himachal Pradesh

16. Jammu & Kashmir and Ladakh

17. West Rajasthan

18. East Rajasthan

19. West Madhya Pradesh

20. East Madhya Pradesh

21. Gujarat

22. Saurashtra

23. Konkan & Goa

24. Madhya Maharashtra

25. Marathwada

26. Vidarbha

27. Chhattisgarh

28. Coastal Andhra Pradesh & Yanam

29. Telangana

30. Rayalaseema

31. Tamilnadu, Puducherry & Karaikal

32. Coastal Karnataka

33. North Interior Karnataka

34. South Interior Karnataka

35. Kerala & Mahe

36. Lakshadweep

## SPATIAL DISTRIBUTION (% of Stations reporting)

| % Stations | Category                            | % Stations | Category                     |
|------------|-------------------------------------|------------|------------------------------|
| 76-100     | Widespread (WS/Most Places)         | 26-50      | Scattered (SCT/A Few Places) |
| 51-75      | Fairly Widespread (FWS/Many Places) | 1-25       | Isolated (ISOL)              |



Fog



Heavy Snow



Cold Wave



Heavy Rain



Dust Storm



Cold Day



Very Heavy Rain



Heat Wave



Ground Frost



Extremely Heavy Rain



Warm Night



Thunder & Lightning



Hot Day



Hailstorm



Hot & Humid



Dust Raising Winds



Strong Surface Winds

## COLOUR CODED WARNING

No Warning (No Action)

Watch (Be Aware)

Alert (Be Prepared To Take Action)

Warning (Take Action)

## Probabilistic Forecast

| Terms       | Probability of Occurrence (%) |
|-------------|-------------------------------|
| Unlikely    | < 25                          |
| Likely      | 25 - 50                       |
| Very Likely | 50 - 75                       |
| Most Likely | > 75                          |

\* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599

(Service to the Nation since 1875)

## DEFINITION/CRITERIA

### Rain/ Snow \*

Heavy: 64.5 to 115.5 mm/cm \*  
Very Heavy: 115.6 to 204.4 mm/cm \*  
Extremely Heavy: > 204.4 mm/cm \*

### Heat Wave

When maximum temperature of a station reaches  $\geq 40^{\circ}\text{C}$  for plains and  $\geq 30^{\circ}\text{C}$  for hilly regions

(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

Severe Heat Wave: Maximum Temperature Departure from normal  $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature  $\geq 45^{\circ}\text{C}$ .

Severe Heat Wave: When actual maximum temperature  $\geq 47^{\circ}\text{C}$ .

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is  $> 4.5^{\circ}\text{C}$  from normal. Heat Wave may be described provided maximum temperature  $\geq 37^{\circ}\text{C}$ .

### Warm Night

When maximum temperature remains  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .

Severe Warm Night: When minimum temperature departure  $> 6.4^{\circ}\text{C}$ .

### Cold Wave

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions.

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

Severe Cold Wave: Minimum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave: When Minimum Temperature is  $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is  $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is  $\leq -4.5^{\circ}\text{C}$  & actual Minimum Temperature is  $\leq 15^{\circ}\text{C}$

### Cold Day

When minimum temperature of a station  $\leq 10^{\circ}\text{C}$  for plains and  $\leq 0^{\circ}\text{C}$  for hilly regions

Based on departure

Cold Day: Maximum Temperature Departure from normal  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .

Severe Cold Day: Maximum Temperature Departure from normal  $\leq -6.5^{\circ}\text{C}$

### Fog

Phenomenon of small droplets suspended in air and the horizontal visibility  $< 1\text{km}$

Moderate Fog: When the visibility between 500-200 metres

Dense Fog: when the visibility between 50- 200 metres

Very Dense Fog: when the visibility  $< 50$  metres

### Thunderstorm

Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)

### Dust/Sand Storm

An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.

### Frost

Ice deposits on ground

Air temperature  $\leq 4^{\circ}\text{C}$  ( over Plains)

### Squall

A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph

Severe: Wind speed 62-67 kmph

Very Severe: Wind speed  $> 67$  kmph

### Sea State

Effect of various waves in the sea over specific area

Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre

High to very high: Wind speed 63-117 kmph ( 34-63 knots) & Wave height 6-14 metre

Phenomenal: Wind speed  $> 117$  kmph ( $> 63$  knots) & Wave height  $> 14$  metre

### Cyclone

Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots)

Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)

Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)

Super Cyclone Storm: Wind speed  $> 220$  kmph ( $> 119$  knots)

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