



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 29<sup>th</sup> May 2026

Time of Issue: 1400 hours IST

**Subject: (i) The prevailing heat wave have abated from most parts of Northwest India, and it is likely to abate from most parts of central India from tomorrow.**

**(ii) Isolated heavy rainfall likely over Northeast India and south Peninsular India from 1<sup>st</sup> to 04<sup>th</sup> June.**

**(iii) Moderate to Severe Thunderstorm activity with squally wind speed likely over Northwest India, Central India and East India during 29<sup>th</sup> – 31<sup>st</sup> May.**

**Advance of Southwest Monsoon 2026 (Annexure I):**

- ❖ The Northern Limit of Monsoon continue to pass through 9°N/60°E, 8.5°N/65°E, 8°N/70°E, 7.5°N/75°E, 8°N/80°E, 11°N/85°E, 15°N/90°E, 19°N/95°E and 21°N/97°E.
- ❖ Conditions are favourable for further advance of southwest monsoon into some more parts of southwest & southeast Arabian Sea, Lakshadweep area, southwest, eastcentral & westcentral Bay of Bengal, remaining parts of southeast Bay of Bengal and some parts of northeast Bay of Bengal during next 2-3 days.

**Realised weather during past 24 hours ending at 0830 hours IST of today, the 29<sup>th</sup> May, 2026:**

- ❖ **Very Heavy rainfall (11-20cm)** has been recorded at isolated places over Bihar, Tamil Nadu, Puducherry & Karaikal.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Sub-Himalayan West Bengal & Sikkim Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana, Uttarakhand.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 70-105 kmph** prevailed at isolated places over Bihar, Odisha, Coastal Andhra Pradesh & Yanam, East Uttar Pradesh, Uttarakhand, West Uttar Pradesh, Haryana; **with speed reaching 50-70 kmph** over Telangana, Vidarbha, Saurashtra Kutch, West Madhya Pradesh, Jharkhand, Gangetic West Bengal, Lakshadweep, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, East Madhya Pradesh; **with speed reaching 40-50 kmph** over Madhya Maharashtra, Gujarat Region, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal
- ❖ **Hailstorm** occurred at isolated places over Uttarakhand, Punjab, Haryana, West Uttar Pradesh, West Rajasthan, Madhya Pradesh.
- ❖ **Heat wave conditions prevailed over** Madhya Pradesh, Haryana, Punjab, Uttar Pradesh, Rajasthan, Vidarbha.

**Temperature Conditions during past 24 hours till 0830 hours IST of today:**

- ❖ **Day/Maximum Temperatures (as on 28-05-2026):** Maximum temperatures were in the range of 43- 47°C over parts of central India adjoining Uttar Pradesh, Telangana, Rajasthan and 40-43°C over rest parts of the country except parts of Northeast India, East India, Western Himalayan region and west south peninsular India. **The highest maximum temperature of 47.5°C was reported at BANDA (UTTAR PRADESH).**
- ❖ **Day/Maximum Temperature Departures (as on 28-05-2026):** appreciably above normal (3.1°C to 5.0°C) at a few places over East Madhya Pradesh, Himachal Pradesh, Vidarbha; at isolated places over Chhattisgarh, East Rajasthan, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Jammu & Kashmir, Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Telangana, West Madhya Pradesh, West Rajasthan, West Uttar Pradesh; above normal (1.6°C to 3.0°C) at a few places over Konkan & Goa, Lakshadweep, Marathwada, Uttarakhand; at isolated places over Bihar, Coastal Andhra Pradesh & Yanam, Gangetic West Bengal, Gujarat Region, Kerala & Mahe, Odisha, Saurashtra & Kutch, Sub-Himalayan West Bengal & Sikkim; were appreciably below normal (-3.1°C to -5.0°C) at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Bihar, Gangetic West Bengal, Jammu & Kashmir; below normal (-3.0°C to -1.6°C) at isolated places over Coastal Andhra Pradesh & Yanam, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Jharkhand, Kerala & Mahe, Nagaland, Manipur, Mizoram & Tripura, Odisha, Rayalaseema, Sub-Himalayan West Bengal & Sikkim, Telangana, West Uttar Pradesh and were near normal over rest parts of the country

- ❖ **Night Temperatures/Minimum temperatures (as on 29-05-2026)** were **appreciably above normal (3.1°C to 5.0°C)** over East Rajasthan, Konkan & Goa. **above normal (1.6°C to 3.0°C)** Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal, Telangana, Madhya Pradesh, Bihar, Odisha, Karnataka, Uttar Pradesh, Punjab, Himachal Pradesh, Uttarakhand, West India and below normal or near normal over rest parts of the country.

#### **Weather Systems, Forecast and Warnings (Annexure II & III):**

- ❖ The Western Disturbance as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 75°E to the north of Lat. 32°N.
- ❖ An **upper air cyclonic circulation** over Central Pakistan & neighbourhood in lower tropospheric levels
- ❖ A **trough** from the cyclonic circulation over Central Pakistan to northeast Arabian sea in lower tropospheric levels.
- ❖ A **trough runs** from the cyclonic circulation over Central Pakistan to interior Odisha in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over north interior Odisha & neighbourhood in lower tropospheric levels has merged the above trough.
- ❖ A **trough** in westerlies with its axis in middle tropospheric levels runs roughly along Long. 90°E to the north of Lat. 21°N persists.
- ❖ An **upper air cyclonic circulation** over central Assam & neighbourhood in lower tropospheric levels
- ❖ An **upper air cyclonic circulation** over Southwest Bay of Bengal and adjoining Tamil Nadu coast in middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** over Southeast Arabian Sea & neighbourhood middle tropospheric levels
- ❖ An **upper air cyclonic circulation** over Eastcentral & Southeast Bay of Bengal in lower and middle tropospheric levels
- ❖ An **upper air cyclonic circulation** lies over east Bangladesh & neighbourhood in lower tropospheric levels.

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

#### **Northeast India:**

- ❖ **Scattered to Fairly widespread light to moderate rainfall likely over the region during the week.**
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 01<sup>st</sup> – 04<sup>th</sup> June, Assam & Meghalaya during 02<sup>nd</sup> – 4<sup>th</sup> June; Nagaland, Manipur, Mizoram & Tripura during 31<sup>st</sup> May- 3<sup>rd</sup> June.

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

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana 29<sup>th</sup> May – 02<sup>nd</sup> June; South Interior Karnataka during 29<sup>th</sup> & 30<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema during 29<sup>th</sup> -31<sup>st</sup> May.
- ❖ **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 29<sup>th</sup> May -01<sup>st</sup> June; Kerala & Mahe during 29<sup>th</sup> May and during 31<sup>st</sup> May-4<sup>th</sup> June; Lakshadweep during 31<sup>st</sup> May-4<sup>th</sup> June; South Interior Karnataka on 29<sup>th</sup> May; Coastal Andhra Pradesh & Yanam during 29<sup>th</sup> – 31<sup>st</sup> May; Rayalaseema on 29<sup>th</sup> & 30<sup>th</sup> May

#### **East India:**

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Andaman & Nicobar Islands during 29<sup>th</sup> May-04<sup>th</sup> June; Sub-Himalayan West Bengal & Sikkim on 29<sup>th</sup> May and during 2<sup>nd</sup>-4<sup>th</sup> June.
- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Gangetic West Bengal on 30<sup>th</sup> May; Jharkhand, Odisha during 31<sup>st</sup> May-04<sup>th</sup> June; Bihar on 31<sup>st</sup> May; Odisha during 31<sup>st</sup> May – 02<sup>nd</sup> June;
- ❖ **Thundersquall (wind speed reaching 80-90 kmph gusting to 100kmph)** likely over Bihar on 29<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 29<sup>th</sup>; Odisha on 29<sup>th</sup> & 30<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jharkhand during 29<sup>th</sup> & 30<sup>th</sup> May; Bihar on 30<sup>th</sup> May.
- ❖ **Isolated heavy to very heavy rainfall likely** over Andaman & Nicobar Islands, Odisha during 29<sup>th</sup> & 30<sup>th</sup> May; Jharkhand on 29<sup>th</sup> May; Bihar on 30<sup>th</sup> May; **with very heavy rainfall** over Bihar on 29<sup>th</sup> May.
- ❖ **Isolated Hailstorm activity** likely over Bihar on 29<sup>th</sup> May.

#### **Northwest India:**

- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Jammu-Kashmir, Uttarakhand on 30<sup>th</sup> May; Himachal Pradesh on 29<sup>th</sup> & 30<sup>th</sup> May.
- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Uttar Pradesh on 31<sup>st</sup> May; Rajasthan during 31<sup>st</sup> May- 02<sup>nd</sup> June.
- ❖ **Thundersquall (wind speed reaching 80-90 kmph gusting to 100 kmph)** likely over West Uttar Pradesh on 29<sup>th</sup> May
- ❖ **Thundersquall (wind speed reaching 70-80 kmph gusting to 90 kmph)** likely over Punjab, Haryana Chandigarh & Delhi, East Uttar Pradesh on 29<sup>th</sup> May.
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely Punjab, Haryana Chandigarh & Delhi on 30<sup>th</sup> May; Rajasthan on 29<sup>th</sup> & 30<sup>th</sup> May;
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir, Uttarakhand on 29<sup>th</sup>; Uttar Pradesh on 30<sup>th</sup> May.
- ❖ **Isolated heavy rainfall** likely over Uttarakhand, East Uttar Pradesh on 29<sup>th</sup>; West Uttar Pradesh on 29<sup>th</sup> & 30<sup>th</sup> May.
- ❖ **Isolated Hailstorm activity** likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh on 29<sup>th</sup> May and Punjab, Haryana Chandigarh & Delhi, Rajasthan on 29<sup>th</sup> & 30<sup>th</sup> May.
- ❖ **Duststorm** very likely at isolated places over East Uttar Pradesh on 29<sup>th</sup> May; West Rajasthan during 29<sup>th</sup> May – 02<sup>nd</sup> June; East Rajasthan on 29<sup>th</sup> & 30<sup>th</sup> May

#### Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh, Chhattisgarh 01<sup>st</sup> & 2<sup>nd</sup> June; Vidarbha 02<sup>nd</sup> June;
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Madhya Pradesh, Chhattisgarh during 29<sup>th</sup> – 31<sup>st</sup> May; Vidarbha during 29<sup>th</sup> – 01<sup>st</sup> June.
- ❖ **Isolated heavy rainfall** likely over West Madhya Pradesh on 29<sup>th</sup>, 31<sup>st</sup> May & 01<sup>st</sup> June.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh, Chhattisgarh on 29<sup>th</sup> & 30<sup>th</sup> May; Vidarbha on 30<sup>th</sup> & 31<sup>st</sup> May.

#### West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph)** likely over Konkan & Goa during 31<sup>st</sup> May–04<sup>th</sup> June; Madhya Maharashtra during 30<sup>th</sup> May – 03<sup>rd</sup> June; Marathwada during 31<sup>st</sup> May – 03<sup>rd</sup>; Gujarat state during 30<sup>th</sup> May – 04<sup>th</sup> June.
- ❖ **Isolated heavy rainfall** likely over Gujarat Region during 31<sup>st</sup> May – 2<sup>nd</sup> June.

#### Forecast of maximum/day temperatures:

- ❖ **Gradual fall** in maximum temperatures **by 5-7°C** likely over Northwest India **till 30<sup>th</sup> May and gradual rise by 5-7°C during 31<sup>st</sup> May-04<sup>th</sup> June.**
- ❖ No significant change in maximum temperatures likely over Central India till 29<sup>th</sup> May and gradual fall by 3-5°C during 30<sup>th</sup> May-04<sup>th</sup> June
- ❖ No significant change in maximum temperatures likely over Maharashtra State till 30<sup>th</sup> May and gradual fall by 2-3°C during 31<sup>st</sup> May-04<sup>th</sup> June.
- ❖ Gradual fall by 3-5°C in maximum temperatures likely over Gujarat State till 4<sup>th</sup> June.
- ❖ No significant change in maximum temperatures likely over the rest parts of country till 04<sup>th</sup> June 2026.

#### Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- ❖ **Heat wave conditions** very likely in scattered places over Vidarbha on 29<sup>th</sup> May
- ❖ **Heat wave conditions** very likely in isolated/some pockets over Chhattisgarh, East Madhya Pradesh, West Rajasthan on 29<sup>th</sup>; Telangana, West Madhya Pradesh on 29<sup>th</sup> & 30<sup>th</sup> May
- ❖ **Hot and humid** weather conditions likely to prevail over Tamil Nadu, Puducherry & Karaikal on 29<sup>th</sup> May;

#### Fisherman Warning:

Fishermen are advised not to venture into the following areas:

**Bay of Bengal:** Over Gulf of Mannar & adjoining Comorin area, along and off Tamil Naidu & Sri Lanka Coasts, over many parts of south & adjoining central Bay of Bengal, over south & adjoining north Andaman Sea during 29<sup>th</sup> May to 03<sup>rd</sup> June, 2026. Along and off west Bengal adjoining north Odisha coasts on 29<sup>th</sup> May.

**Arabian Sea:** Along & off north Gujarat coast and adjoining northeast Arabian Sea during 29<sup>th</sup> May to 31<sup>st</sup> May, 2026; along & off Oman coast adjoining parts of northwest & westcentral Arabian sea on 02<sup>nd</sup> June.

Along and off Somalia coast, adjoining some parts of southwest Arabian Sea during on 29<sup>th</sup> May to 03<sup>rd</sup> June, 2026.

#### **Weather conditions and forecast over Delhi/NCR during 29<sup>th</sup> May-01<sup>st</sup> June, 2026 (Annexure IV)**

**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>

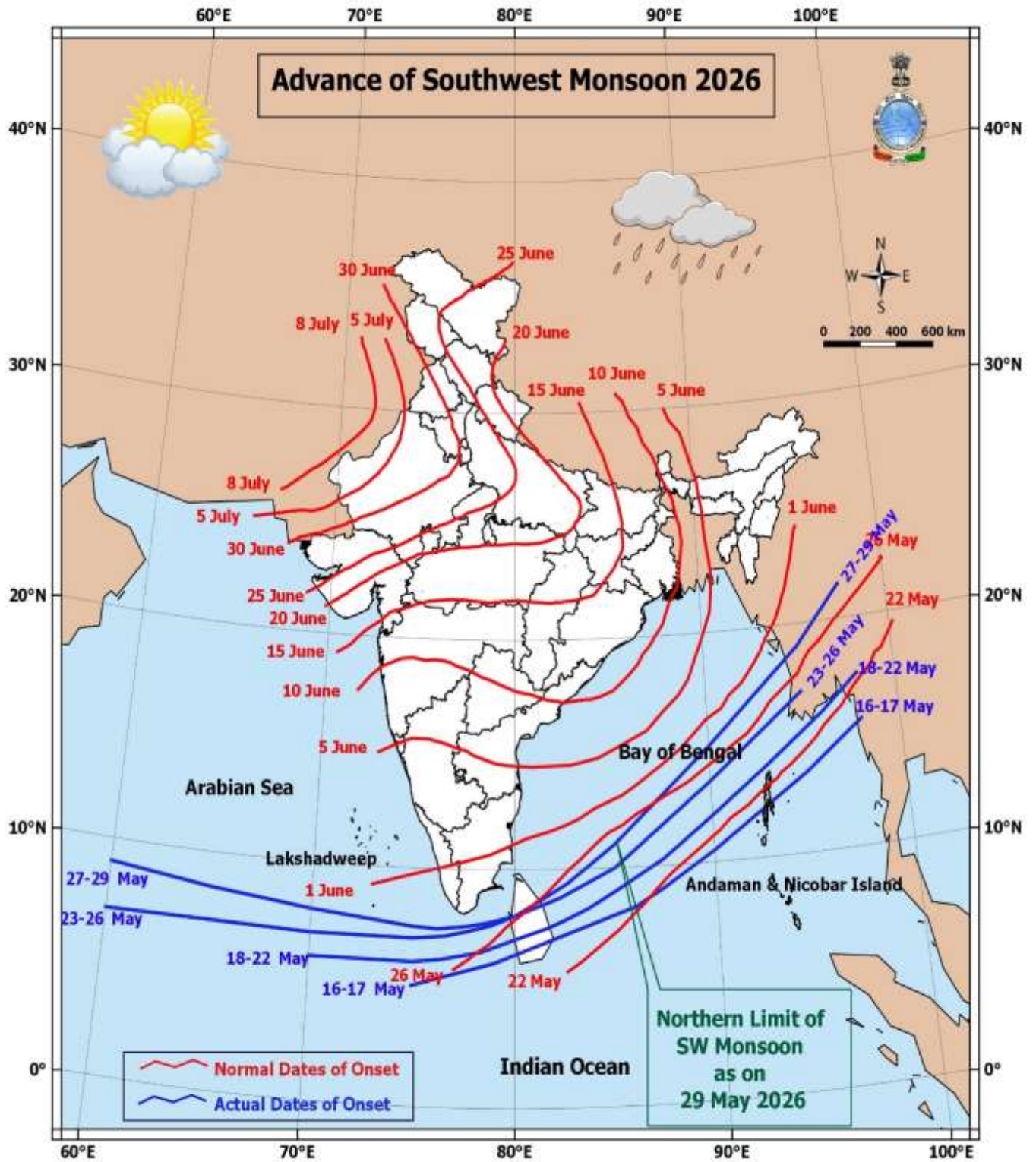
**For Fishermen warning refer** <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

#### **Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):**

- ❖ **Bihar:** Siswan(14)
- ❖ **Tamilnadu:** Colachel 12, Alaputhur 7,
- ❖ **Rayalaseema:** Raju Palem 9,
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Kalimpong(8)
- ❖ **Telangana:** Achampeta 8,
- ❖ **Uttarakhand:** Kalsi (8)
- ❖ **Coastal Andhra Pradesh & Yanam:** Gudivada 7
- ❖ **Kerala & Mahe:** Mavelikkara 7, Mancompu 7

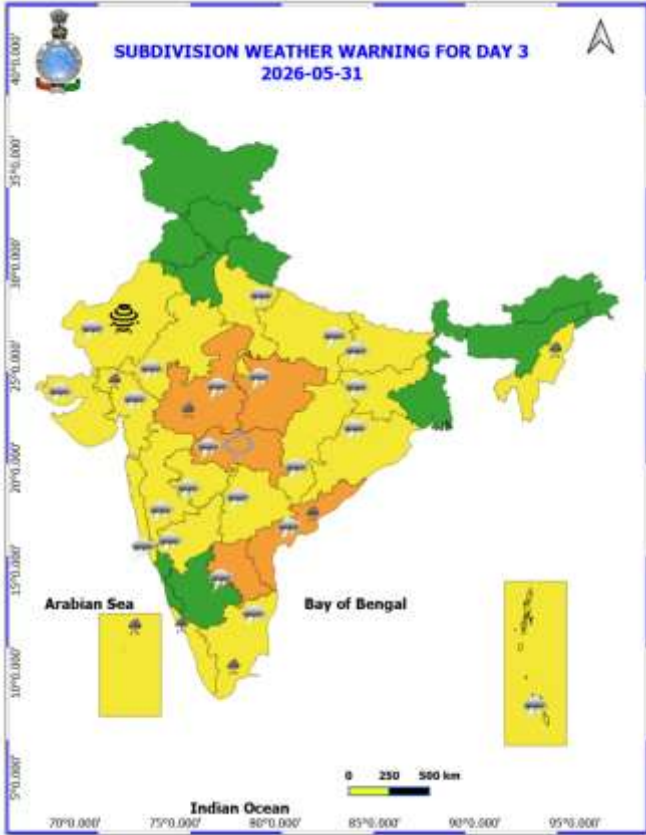
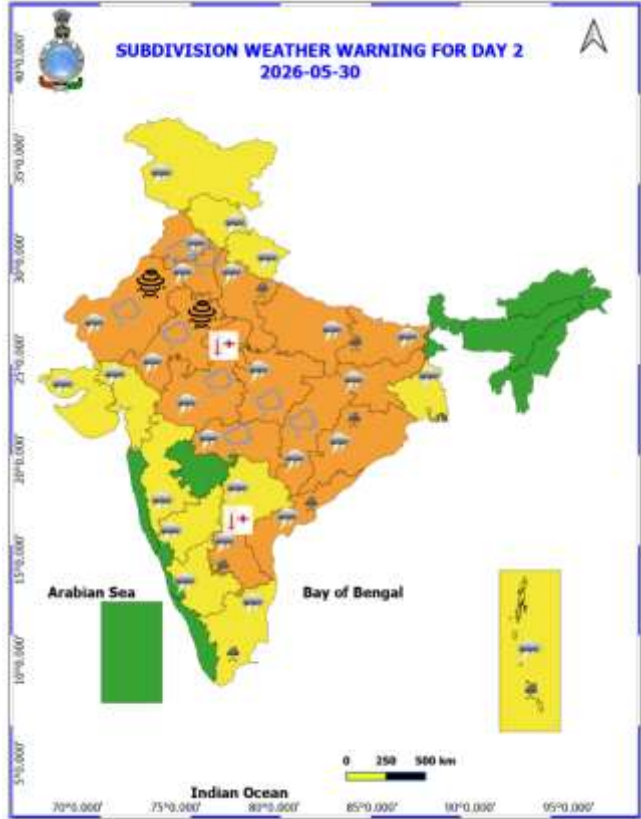
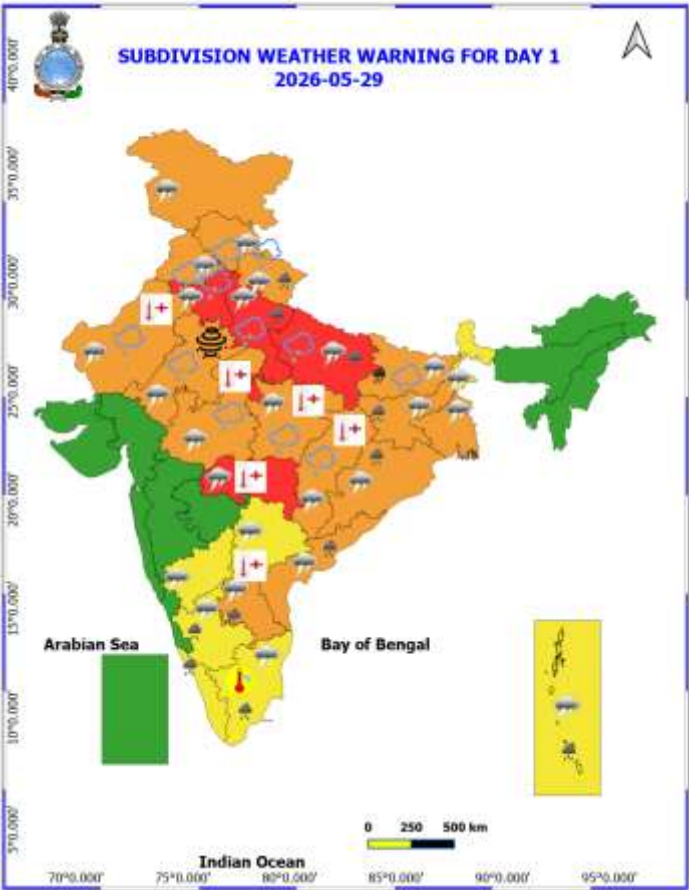
#### **Gusty winds (in $\geq 40$ kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):**

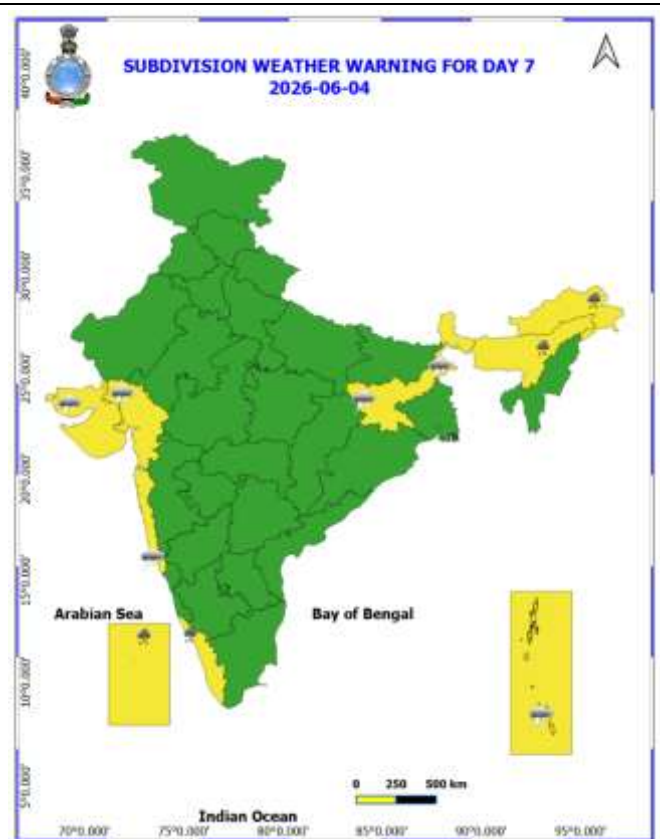
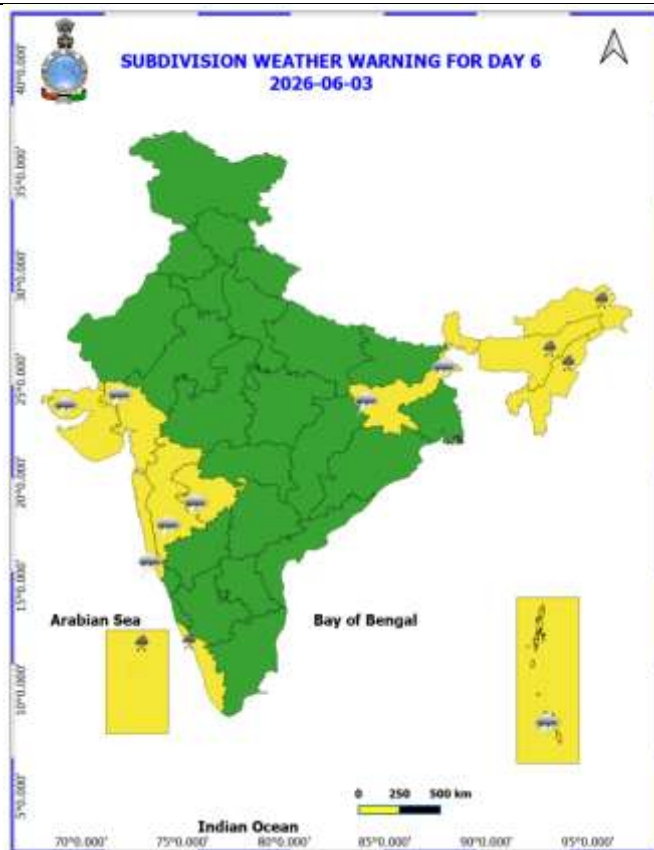
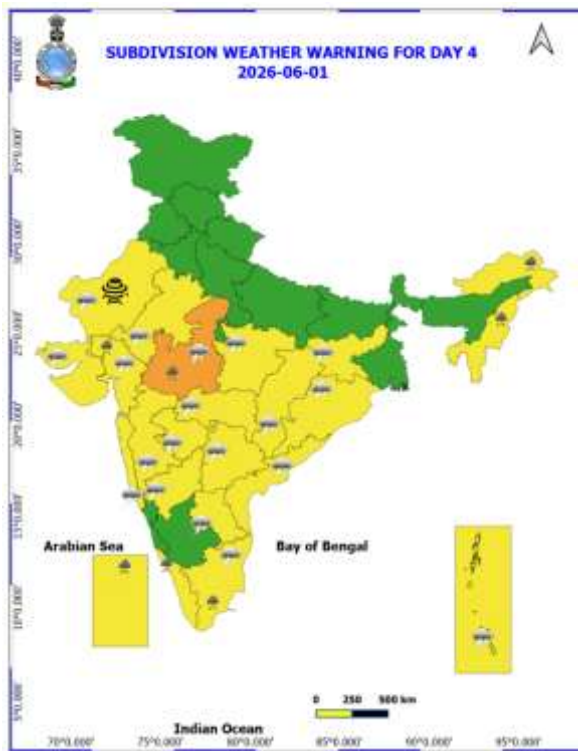
- ❖ **Bihar:** Patna 107, Rajgir 76, Ziradei 72
- ❖ **Odisha :** Malkangiri 98, Sonapur 85
- ❖ **Coastal Andhra Pradesh & Yanam:** Maruteru 89, Cs\_Puram 81, Peddapuram 78, Lam\_Guntur 63, Bhimavaram 56, Gopannapalem\_Eluru 56, Chirala 50, Mylavaram\_College\_Of\_Engineer 48, Gopalnagar\_Machilipatnam 48
- ❖ **East Uttar Pradesh:** Mirzapur 89, Varanasi 78, Pratapgarh 67, Raebareli 63 , Fursatganj 63, Varanasi 56, Ghazipur 46, Banda 46, Fatehgarh 46, Prayagraj 46, Kanpur 44 , Kanpur 44
- ❖ **Uttarakhand:** Maldevata 87, Ranichauri 85, Champawat 68, Jollygrant 67, Roorkee 59, Chamoli 56, Mukteshwar/Pantnagar /Kosiyakutoli/Dehradun 46, Hatibharkala 43.
- ❖ **West Uttar Pradesh:** Bulandshahr 78, Moradabad 74, Gb Nagar 65, Bareilly 61, Agra & Aligarh 56, Hindon, Agra 50 , Bareilly, Moradabad & Bareilly 46,
- ❖ **Haryana:** Jind 78 ,Rohtak 61 ,Karnal 67, Palwal 44
- ❖ **Telangana:** Rars\_Polasa\_Jagityal 67, Bellampally 61, Palenoolm 56, Adilabad 52, Ramagiri\_Khilla 52, Kothagudem 50, Sircilla 48, Gadipally 46, Prakasam\_Jammikunta 44, Mamnoor 43, Kaveri\_Siddipet 41, Karimnagar 41
- ❖ **Vidarbha:** Wardha 65
- ❖ **Saurashtrakutch:** Bhachau 65
- ❖ **West Madhya Pradesh:** Gwalior 65
- ❖ **Jharkhand:** Netarhat 57
- ❖ **Gangetic West Bengal:** Kalna 56
- ❖ **Lakshadweep:** Rars\_Tirupati 56, Agricultural\_College\_Badvel 44, Ars\_Ananthapuram 43
- ❖ **Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad:** Ramban 52, Gulmarg 48, Samba 43
- ❖ **Punjab :** Mohali 56 , Bathinda 54
- ❖ **East Madhya Pradesh:** Jabalpur 52
- ❖ **Madhya Maharashtra :** Shahada Nandurbar 48 , Kalwan Nashik 46 ,
- ❖ **Gujarat Region:** 48 ArsarnejAhmd
- ❖ **Chattisgarh:** Koriya 44
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Tenkasi 44, Thiruchendur 44



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

- 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 district-wise Multi-Hazard weather warning for next five days available at  
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

## Weather forecast over Delhi/NCR during 29<sup>th</sup> May to 1<sup>st</sup> June 2026

### Past Weather:

There has been fall in maximum temperatures by 3-5°C and fall in minimum temperature by 2-4°C during past 24 hours over Delhi. The maximum temperatures were in the range of 39-41°C and the minimum temperatures are in the range 24-26°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at most places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. The maximum temperatures are below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Partly cloudy sky becoming generally cloudy sky. Very Light to Light Rain accompanied with Thunderstorm/Lightning and Gusty wind speed reaching up to 61 kmph over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 20 kmph gusting to 36 kmph likely to prevailed from east direction over the region in the forenoon today.

### Weather Forecast:

**29.05.2026:** Partly cloudy sky becoming generally cloudy sky towards afternoon. One or two spells of very light/light rain accompanied with thunderstorm/lightning and strong surface winds speed reaching 60-70 kmph gusting to 80 kmph towards afternoon to night. The maximum temperatures over Delhi are likely to be in the range of 35°C to 37°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will increase becoming up to 30 kmph from the east direction during evening and night.

**30.05.2026:** Partly cloudy sky becoming generally cloudy sky towards afternoon. A spell of very light to light rain accompanied with thunderstorm/lightning and gusty wind speed 40-50 kmph gusting to 60kmph towards afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 22°C to 24°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and maximum temperatures will be markedly below normal (more than -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from east direction with surface wind speed reaching up to 25 kmph during the morning hours. The wind speed will increase becoming up to 30 kmph from southeast direction during the afternoon. The wind speed will decrease up to 20 kmph from the east direction during evening and night.

**31.05.2026:** Partly cloudy sky. Very light to light rain accompanied with thunderstorm/ lightning and gusty wind speed 40-50 kmph towards morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 35°C to 37°C and 24°C to 26°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the east direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will be decrease becoming up to 18 kmph from southeast direction during the afternoon. The wind speed will decrease becoming up to 15 kmph from the east direction during evening and night.

**01.06.2026:** Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 24°C to 26°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from east direction during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the south direction during evening and night.

### Impact expected and Action Suggested due to thunderstorm with lightning/gusty winds:

Thunderstorms accompanied with lightning and gusty winds (60–70 kmph reaching up to 80 kmph) with dust-raising surface winds are likely to occur.

- **Expected Impacts:** Breaking of tree branches and uprooting of large trees, falling of dead tree limbs, Damage to standing crops, Minor to major damage to power and communication lines due to falling

branches, Partial damage to vulnerable structures due to strong winds, Loose objects may get blown away

- **Advisory for Public Safety:** Keep a close watch on weather updates and worsening conditions, stay indoors and avoid unnecessary travel, Close windows and doors securely, take shelter in safe places and avoid open areas, do not take shelter under trees, do not lie on concrete floors or lean against concrete walls during lightning activity, unplug electrical and electronic appliances, immediately move out of water bodies, stay away from objects that conduct electricity

**Citizens are advised to remain alert and follow safety precautions to avoid any loss of life or property.**

### **Impact expected and action suggested due to isolated thunderstorm with lightning, gusty/squally winds & hailstorm over**

- ❖ Moderate to Severe Thunderstorm activity with squally wind speed likely over Northwest India, Central India and East India during 29<sup>th</sup> – 31<sup>st</sup> May.
- ❖ **Isolated Hailstorm activity** likely over Bihar, Himachal Pradesh, Uttarakhand, Uttar Pradesh on 29<sup>th</sup> May and Punjab, Haryana Chandigarh & Delhi, Rajasthan, Madhya Pradesh, Chhattisgarh on 29<sup>th</sup> & 30<sup>th</sup> May; Vidarbha on 30<sup>th</sup> & 31<sup>st</sup> May.

#### **Impact expected:**

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

#### **Action suggested:**

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- 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.

### **Impact Expected & Action Suggested due to heavy/very heavy rainfall over**

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 01<sup>st</sup> – 04<sup>th</sup> June, Assam & Meghalaya during 02<sup>nd</sup> – 4<sup>th</sup> June; Nagaland, Manipur, Mizoram & Tripura during 31<sup>st</sup> May- 3<sup>rd</sup> June; Tamil Nadu, Puducherry & Karaikal during 29<sup>th</sup> May -01<sup>st</sup> June; Kerala & Mahe during 29<sup>th</sup> May and during 31<sup>st</sup> May-4<sup>th</sup> June; Lakshadweep during 31<sup>st</sup> May-4<sup>th</sup> June; South Interior Karnataka on 29<sup>th</sup> May; Coastal Andhra Pradesh & Yanam during 29<sup>th</sup> – 31<sup>st</sup> May; Rayalaseema on 29<sup>th</sup> & 30<sup>th</sup> May ,Andaman & Nicobar Islands, Odisha during 29<sup>th</sup> & 30<sup>th</sup> May; Jharkhand on 29<sup>th</sup> May; Bihar on 30<sup>th</sup> May; West Madhya Pradesh on 29<sup>th</sup>, 31<sup>st</sup> May & 01<sup>st</sup> June; Gujarat Region during 31<sup>st</sup> May – 2<sup>nd</sup> June; **with very heavy rainfall** over Bihar on 29<sup>th</sup> May.
- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- 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 (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 Heat wave/ severe heat wave conditions:**

- ❖ The prevailing heat wave have abated from most parts of Northwest India, and it is likely to abate from most parts of central India from tomorrow.

#### **Orange alert Areas**

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

#### **Yellow alert Areas**

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

#### **Agromet advisories for likely impact of Hailstorms**

- In **Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha and Chhattisgarh** use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

#### **Agromet advisories for likely impact of Heavy Rainfall**

- In **Andaman & Nicobar**, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing-crop fields to prevent waterlogging.
- **Bihar**, withhold irrigation in standing crops. Prepare paddy nursery fields with proper drainage arrangements.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in cotton, rice nurseries, recently sown cumbu and vegetables,
- In **Keralam**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Lakshadweep**, provide adequate drainage in standing crop fields to prevent waterlogging.
- In **South Interior Karnataka**, undertake harvesting of matured rice after current spells of rain, ensure proper drainage in paddy fields, arecanut and mango orchards. Provide staking to tomato plants.
- In **Andhra Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- In the regions expecting heavy rainfall, including **Uttarakhand, Uttar Pradesh, Jharkhand and Odisha**, withhold irrigation in standing crops, make necessary arrangements to remove excess rainwater from the crop fields.

### Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **West Rajasthan**, apply need-based irrigation to green gram and summer cucurbit crops such as bottle gourd, pumpkin, ridge gourd, cucumber, bitter gourd, and summer ladyfinger, as well as to young fruit plants such as mango, amla, pomegranate, wood apple, and plum. Undertake soil mulching/mulching with straw/polythene to reduce water loss by evaporation.
- In **Madhya Pradesh**, apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- In **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.
- In **Maharashtra - Vidarbha**, provide light and frequent irrigation to vegetables and orchards during morning or evening hours, with increased frequency during critical growth stages. Irrigate sugarcane, summer groundnut, vegetables, and orchards as required; use organic or straw mulch in vegetables and orchards; cover banana bunches with leaves; and use shade nets in newly planted banana plantations.
- In **Telangana**, provide irrigation to mango orchards and vegetable crops, as required.

### Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- 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.

### Livestock / Poultry / Fisheries

- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.

### Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **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, Coastal Maharashtra (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

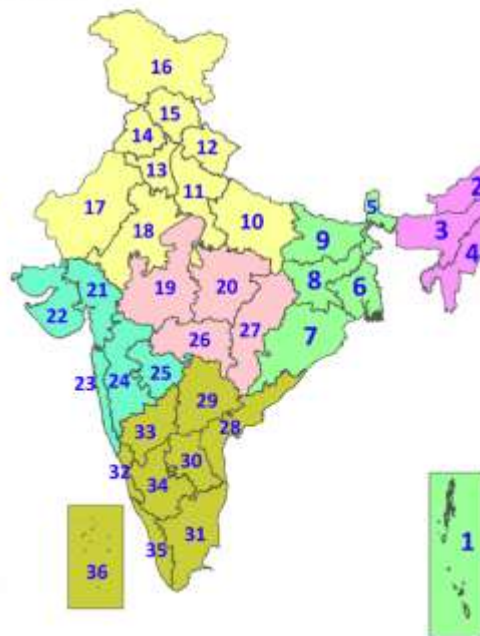
32. तटीय कर्नाटक

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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