



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 03rd May 2026
Time of Issue: 1315 hours IST

Subject: (i) Fairly widespread to widespread rainfall along with thunderstorm, lightning and gusty winds (40-60 kmph) with heavy rainfall likely over Sub Himalayan West Bengal & Sikkim and northeast India during 03rd -05th May.

(ii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and hailstorm likely over Northwest, central and East India during 03rd-05th May, 2026.

(iii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and isolated heavy rainfall likely Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 03rd May, 2026:

- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Assam Manipur & Tripura.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-90 kmph** prevailed at isolated places over Odisha, Assam, Tripura, Jharkhand, Bihar, Uttar Pradesh, Uttarakhand, Jammu-Kashmir, Punjab, Haryana, Chandigarh, Delhi, Gangetic West Bengal, Madhya Pradesh, Chhattisgarh, Vidarbha, Gujarat State, Rajasthan; **with speed reaching 30-50 kmph** prevailed at isolated places over Himachal Pradesh and Arunachal Pradesh.
- ❖ **Hailstorm** reported over Himachal Pradesh, Maharashtra, Jharkhand, Uttarakhand, Madhya Pradesh.
- ❖ **Duststorm** reported over Rajasthan and West Uttar Pradesh.

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

- ❖ **Maximum/day temperatures** were in the range of 39-43°C over most parts of the Vidarbha, Telangana, Coastal Andhra Pradesh & Yanam, isolated pockets of West Rajasthan, they are in the range of 34 -38°C remaining parts of the country except over east Uttar Pradesh, Bihar, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, entire north East India and Western Himalayan region, where they are below 34°C. **The highest maximum temperature of 44.4°C was reported at Jaisalmer (Rajasthan).**
- ❖ **Maximum/day temperatures** were above normal (2.0°C to 4.0°C) over Jammu-Kashmir, West Rajasthan, Telangana, South Coastal Andhra Pradesh, Tamil Nadu, Puducherry & Kerala. Below normal (3.0°C to 6.0°C) over Uttarakhand adjoining Himachal Pradesh and east Haryana, Northeast Rajasthan, Northwest & east Madhya Pradesh, Uttar Pradesh, North Chhattisgarh, east and northeast India and near normal over rest parts of the country.
- ❖ **Minimum/night temperatures** were in the range of 13-19°C over Jammu-Kashmir, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Manipur, Mizoram, Tamil Nadu, Puducherry & Karaikal. They were in the range of 20-26°C over remaining parts of the plains of the country.
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Saurashtra & Kutch; above normal (1.6 to 3.0°C) over Haryana, Rajasthan, West Madhya Pradesh, Gujarat Region, Vidarbha, Telangana, Rayalaseema, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and below normal or near normal over rest parts of the country.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ The **Western Disturbance** as a cyclonic circulation over north Pakistan & neighbourhood in lower tropospheric level. However, the trough aloft in middle and upper tropospheric westerlies with its axis in middle tropospheric level runs roughly along Long. 69°E to the north of Lat. 30°N.
- ❖ An **upper air cyclonic circulation** lies over Haryana & neighbourhood in lower tropospheric level
- ❖ A **trough** runs from above upper air cyclonic circulation over Haryana & neighbourhood to over Southwest Rajasthan in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Southeast Rajasthan in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** over East Madhya Pradesh & neighbourhood in lower tropospheric level

- ❖ The **north-south** trough runs from South Chhattisgarh to Comorin Area across Telangana, Andhra Pradesh and Tamil Nadu extends in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Northeast Bangladesh and another circulation over Central Assam in lower tropospheric levels.

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

Northwest India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir during 03rd -05th May; Himachal Pradesh during 03rd -07th and Uttarakhand during 03rd-08th May.
- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Punjab and Haryana, Chandigarh & Delhi on 03rd & 06th; **isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Uttar Pradesh during 03rd-07th; Rajasthan on 03rd and during 05th -07th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Rajasthan on 04th; Punjab, Haryana, Chandigarh on 04th & 05th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir on 03rd & 04th; Himachal Pradesh, Uttarakhand, Punjab and Haryana Chandigarh & Delhi during 03rd -05th; Uttar Pradesh on 03rd & 04th May.
- ❖ **Duststorm** also likely over Rajasthan on 04th May.
- ❖ **Isolated heavy rainfall** likely over Uttarakhand on 04th May.

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Arunachal Pradesh and Assam & Meghalaya on 03rd & 04th and Nagaland, Manipur, Mizoram & Tripura during 03rd -05th May with lightning over Assam & Meghalaya and Arunachal Pradesh during 05th -07th and Nagaland, Manipur, Mizoram & Tripura on 06th May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya during 03rd -05th May and Nagaland, Manipur, Mizoram & Tripura on 03rd & 04th May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over West Bengal & Sikkim on 06th & 07th May.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Bihar and Odisha during 06th -09th and Jharkhand on 03rd, 06th & 07th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Bengal & Sikkim, Bihar and Odisha during 03rd -05th and Jharkhand on 04th & 05th May.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 03rd-05th; Gangetic West Bengal and Bihar on 04th May.
- ❖ **Isolated Hailstorm activity** likely over Bihar on 03rd & 04th; Jharkhand on 04th and Odisha on 04th & 05th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Central India during next 5 days.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh and Vidarbha during 03rd - 05th; Madhya Pradesh on 03rd & 04th May.
- ❖ **Isolated Hailstorm activity** likely over the region on 04th May.

South Peninsular India:

- ❖ **Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during the week.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Coastal Andhra Pradesh & Yanam on 03rd & 04th May.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days; South Interior Karnataka on 05th and during 07th -09th and Coastal Andhra Pradesh & Yanam on 05th & 06th May.

Forecast of maximum/day temperatures:

- ❖ Gradual fall in maximum temperatures by 5-7°C likely over Western Himalayan Region till 05th and rise by 6-8°C during 06th -09th May.
- ❖ Gradual fall in maximum temperatures by 3-5°C likely over plains of Northwest India till 05th May; gradual rise by 3-5°C during 06th -09th May.
- ❖ No significant change in maximum temperatures likely over Central India till 03rd May and gradual fall by 3-5°C during 04th-06th May and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 05th May; gradual rise by 2-3°C during 06th-09th May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 08th May 2026.

Heat wave conditions and Hot & Humid weather conditions warning:

- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Tamil Nadu, Puducherry & Karaikal and Coastal Andhra Pradesh & Yanam on 03rd& 04th and over Konkan & Goa during 5th -7th May.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 03rd May to 08th May, 2026:

- ❖ **Bay of Bengal:** Along and off Odisha, West Bengal Coasts and adjoining Bangladesh Coast & over some parts of northwest Bay of Bengal, adjoining parts of northeast Bay of Bengal on 03rd and 06th May.
- ❖ **Arabian Sea:** No Warning.

Weather conditions and forecast over Delhi/NCR during 03rd -06th May, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

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):

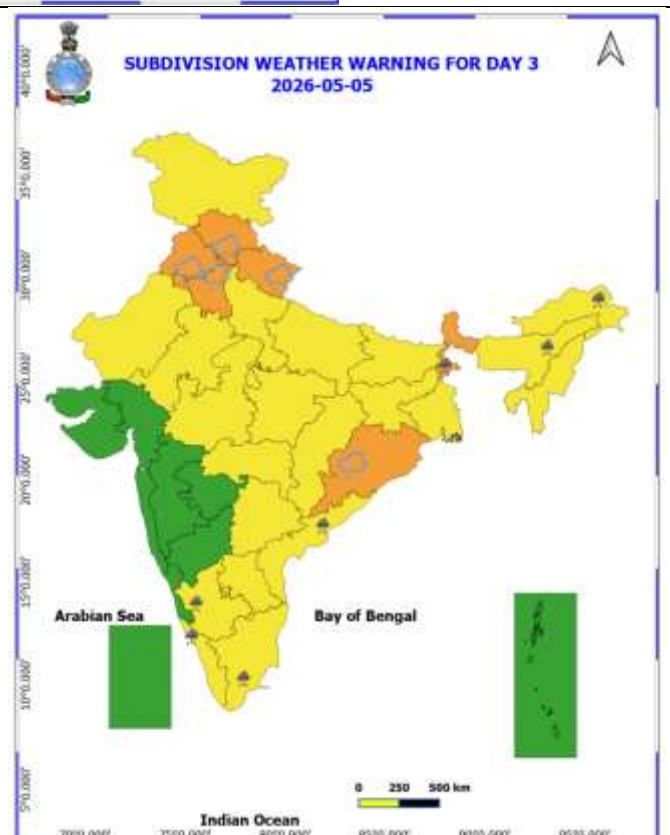
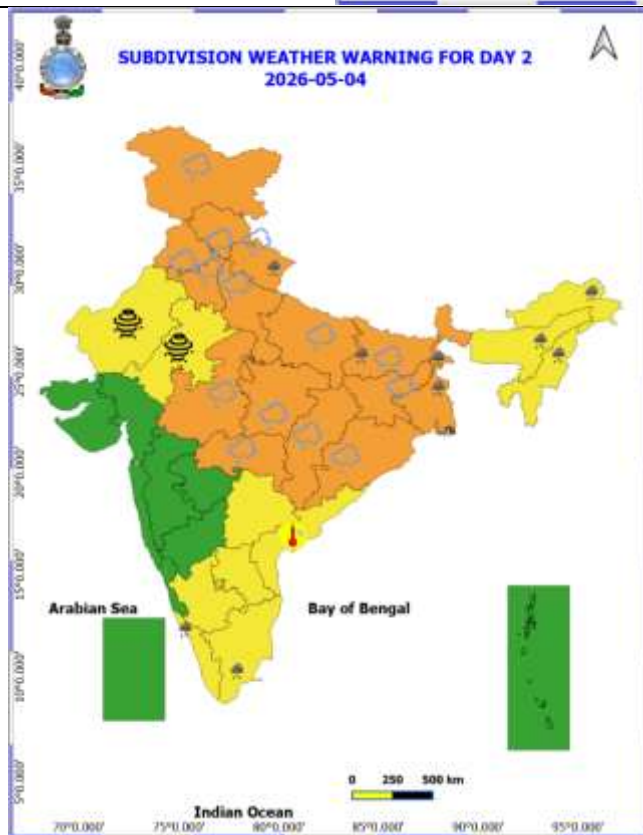
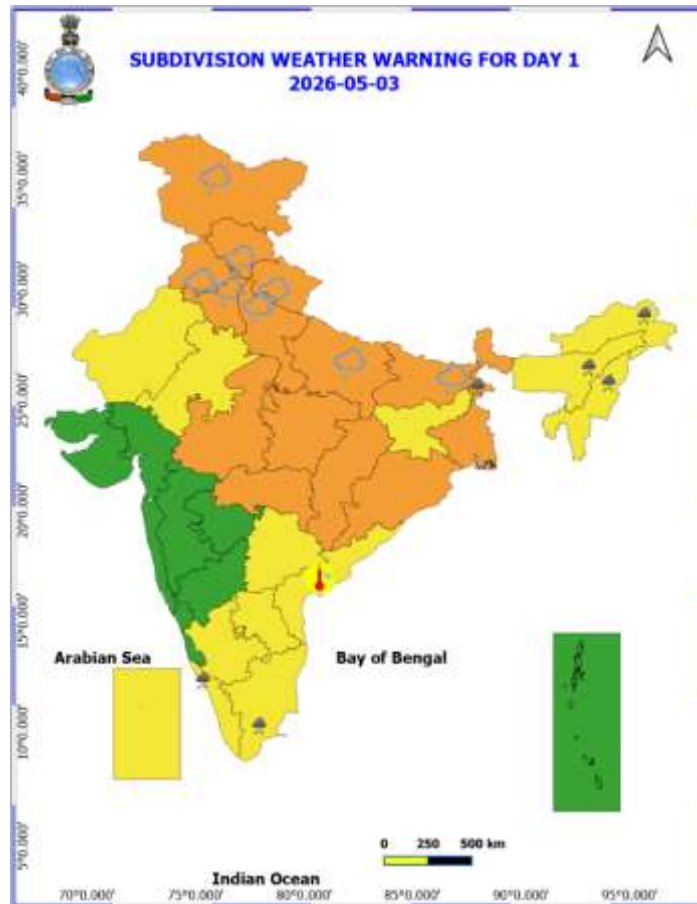
- ❖ **Assam:** Bhumaruguri 7, A P Ghat 7
- ❖ **Manipur & Tripura:** Tamenglong 91, Kailasahar 7

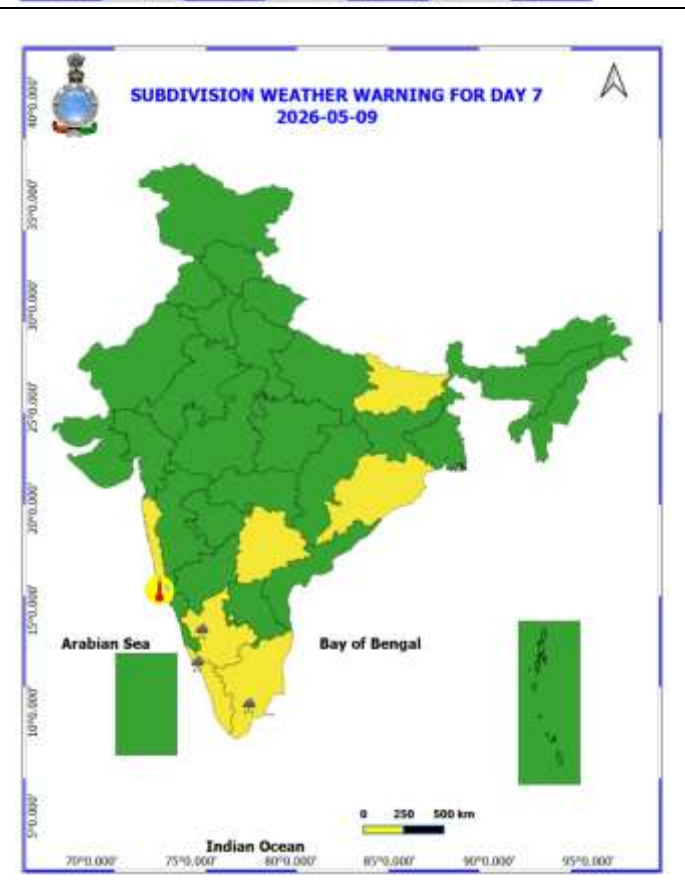
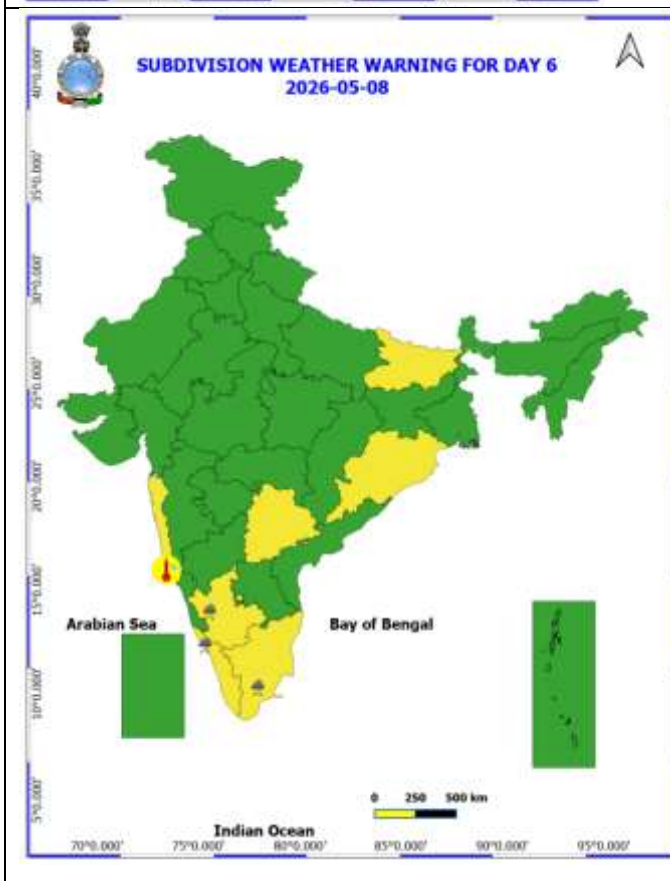
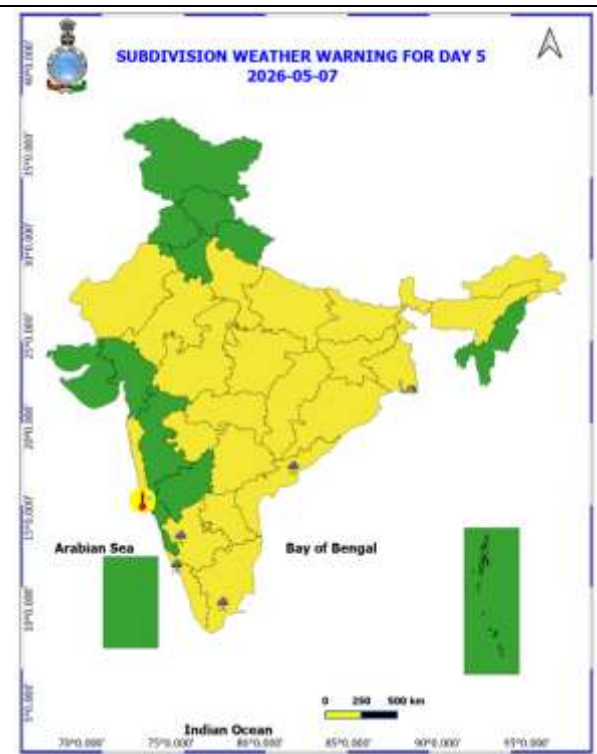
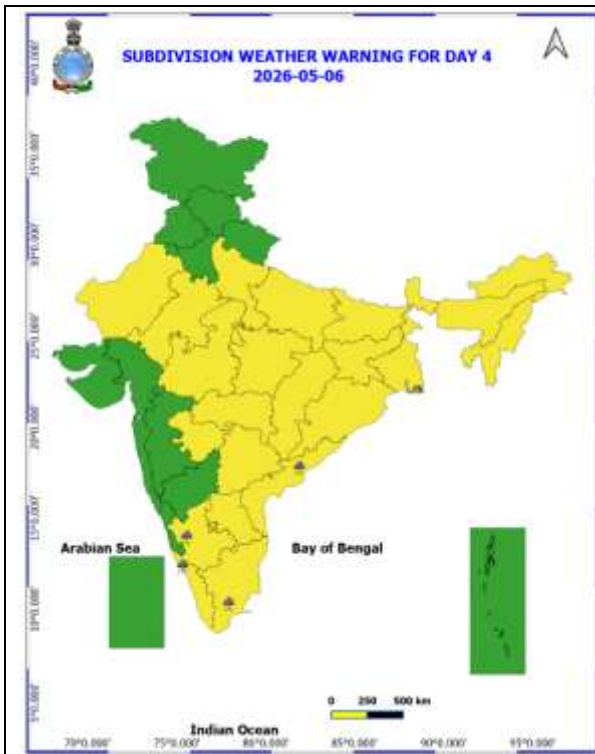
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Odisha:** Mayurbhanj 92, Balasore 65
- ❖ **West Madhya Pradesh:** Betul 85
- ❖ **Rajasthan:** Nagaur 80, Jaipur 78, Churu 70
- ❖ **Chhattisgarh:** Korba 78
- ❖ **Punjab:** Mohali 76, Amritsar 46,
- ❖ **Jammu-Kashmir:** Chatta 70, Samba 57, Kathua 50, Bara & Rajouri 44
- ❖ **Gangetic West Bengal:** Jhargram 70, Kharagpur, Nimpith 59, Gangasagar 56, Uluberia, Shyampur, Alipore 50, Kakdwip 48, Dum Dum 44, Purulia 43, Bijpur, Kalyani 41
- ❖ **Interior Maharashtra:** Wardha 67, Nagpur 52 : Jalgaon 48, Shahada (Nandurbar) 46, Sangli 43, Vilholi (Nashik) 41, Ambejogai (Beed) 35, Hingoli 31
- ❖ **Jharkhand:** Ranchi 65
- ❖ **Haryana, Chandigarh & Delhi:** Chandigarh 63, Sirsa 43, Palam 40
- ❖ **Bihar:** Bhojpur 61
- ❖ **Uttar Pradesh:** Lucknow Integral_University 61, Fursatganj 57, Jhansi 50, Lucknow 48, Hardoi 43, Bahraich 41, Sitapur 41, Hamirpur 39, Bulandshahar 50, Agra (IAF) 50, G. B. Nagar 43, Agra 39
- ❖ **Gujarat:** Arnej (Ahmedabad) 59, Kandla & Rajkot 50
- ❖ **East Madhya Pradesh:** Sagar, Jabalpur 59
- ❖ **Uttarakhand:** Pantnagar 59, Kosiyakutoli 56, Chaubatia 52, Ranichauri 52, Champawat 48, Matela 46, Jollygrant 39
- ❖ **Assam:** Manas 59
- ❖ **Tripura:** Hezamara 59
- ❖ **Himachal Pradesh:** Bilaspur 44, Seobagh 41, Sundernagar 33
- ❖ **Arunachal Pradesh:** Anini 43
- ❖ **Konkan & Goa:** Karjat (Raigad) 37, Palghar 31

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	3- May	4- May	5- May	6- May	7- May	8- May	9- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	SCT	ISOL	ISOL	SCT	SCT	SCT
2	ARUNACHAL PRADESH	WS	WS	FWS	FWS	FWS	FWS	SCT
3	ASSAM & MEHGHALAYA	WS	WS	FWS	FWS	FWS	FWS	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	WS	WS	FWS	SCT	SCT	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WS	WS	WS	WS	FWS	SCT	SCT
6	GANGETIC WEST BENGAL	FWS	WS	WS	FWS	SCT	SCT	SCT
7	ODISHA	ISOL	SCT	SCT	SCT	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	SCT	SCT	SCT	SCT	SCT	SCT
9	BIHAR	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	SCT	SCT	SCT	ISOL	ISOL	ISOL
12	UTTARAKHAND	FWS	WS	FWS	SCT	SCT	SCT	ISOL
13	HARYANA, CHANDIGARH & DELHI	ISOL	FWS	SCT	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	ISOL	FWS	SCT	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	WS	WS	FWS	SCT	SCT	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	WS	WS	SCT	ISOL	ISOL	ISOL	ISOL
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
25	MARATHWADA	DRY	DRY	DRY	ISOL	ISOL	ISOL	DRY
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	SCT	SCT	SCT	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	ISOL	SCT	SCT	SCT
35	KERALA AND MAHE	SCT	SCT	FWS	FWS	FWS	FWS	FWS
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 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 03rd May to 06th May 2026**Past Weather:**

There has been rise in maximum temperatures up to 2-3°C and fall in minimum temperature up to 1-2°C during past 24 hours over Delhi. The maximum temperatures were in the range of 37-39°C and the minimum temperatures are in the range 22-25°C respectively during past 24 hours over Delhi. The minimum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places and normal (-1.5°C to 1.5°C) at remaining places over Delhi. The maximum temperatures were below normal (-1.6°C to -3.0°C) at many places and normal (-1.5°C to 1.5°C) at remaining places over Delhi. Partly cloudy sky with surface wind speeds up to 20 kmph gusting to 45 kmph prevailed from southeast direction over Delhi during past 24 hours. During the past 24 hours, very light rain was observed at few places over Delhi. Partly cloudy sky with surface wind speeds up to 18 kmph likely to prevailed from east direction over the region in the forenoon today.

Weather Forecast:

03.05.2026: Partly cloudy sky becoming generally cloudy sky. A spell of very light rain/drizzle accompanied with thunderstorm/lightning and strong winds speed 30-40 kmph gusting to 50 kmph during evening. The maximum temperatures over Delhi are likely to be in the range of 37°C to 39°C. The maximum temperatures will be near normal (-1.5°C to 1.5°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 15 kmph during the afternoon hours. The wind speed will gradually increase becoming less than 20 kmph from the southeast direction during evening and night.

04.05.2026: Generally cloudy sky. a spell of very light to light rain accompanied with thunderstorm/lightning and occasional strong surface winds speed reaching 40-50 kmph gusting to 60 kmph during morning/forenoon. another spell of very light to light rain accompanied with thunderstorm/lightning and occasional strong surface winds speed reaching 50-60 kmph gusting to 70 kmph during afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 23°C to 25°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°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 southeast direction with surface wind speed reaching up to 20 kmph during the morning hours. The surface wind speed will be increase becoming up to 25 kmph from southeast direction during the afternoon. The wind speed will be decrease becoming less than 18 kmph from the east direction during evening and night.

05.05.2026: Generally cloudy sky. one or two spells of very light to light rain accompanied with thunderstorm/lightning and strong surface winds speed 20-30 kmph gusting to 40 kmph during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°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 the maximum temperature will be appreciable below normal (-3.1 to -5.0°C) at most places with markedly below normal (-5.1 or less) at isolated places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will decrease becoming up to 18 kmph from southeast direction during the afternoon. The surface wind will be decrease becoming up to 15 kmph from northeast direction during evening and night.

06.05.2026: Partly cloudy sky. possibility of thundery development towards afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 21°C to 23°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperature will be appreciable below normal (-3.1 to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will be increase becoming up to 18 kmph from southeast direction during the afternoon. The surface wind speed will increase becoming less than 20 kmph from the northeast direction during evening and night.

Impact expected and action suggested due to thunderstorm with lightning/gusty winds:

- **Warning:** Thunderstorms with lightning and gusty winds (30–40 kmph, gusting up to 50 kmph) along with dust-raising surface winds are likely.
- **Impacts:** Breaking of tree branches, uprooting of trees, damage to crops, disruption to power and communication lines, partial damage to weak structures, and loose objects being blown away.
- **Advisory:** Stay indoors and keep windows and doors closed. Avoid travel if possible. Do not take shelter under trees. Stay away from concrete walls/floors, water bodies, and electrical conductors. Unplug electronic devices and remain alert for worsening weather conditions.

Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Rajasthan on 04th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Punjab, Haryana Chandigarh on 04th & 05th May; over West Bengal & Sikkim, Bihar and Odisha during 03rd -05th and Jharkhand on 04th & 05th May; over Chhattisgarh and Vidarbha during 03rd - 05th; Madhya Pradesh on 03rd & 04th May; over Coastal Andhra Pradesh & Yanam on 03rd& 04th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir on 03rd& 04th; Himachal Pradesh, Uttarakhand, Punjab and Haryana Chandigarh & Delhi during 03rd -05th; Uttar Pradesh on 03rd & 04th; over Bihar on 03rd & 04th; Jharkhand on 04th and Odisha on 04th & 05th; over the region on 04th 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.
- Hail may injure people and cattle at open places.
- 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 Uttarakhand on 04th; Arunachal Pradesh, Assam & Meghalaya during 03rd -05th May and Nagaland, Manipur, Mizoram & Tripura on 03rd & 04th; Sub-Himalayan West Bengal & Sikkim during 03rd-05th; Gangetic West Bengal and Bihar on 04th; Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days; South Interior Karnataka on 05th and during 07th -09th and Coastal Andhra Pradesh & Yanam on 05th & 06th May .

Impact Expected

- 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.

Agromet advisories for likely impact of Hailstorms

- In **Bihar, Jharkhand, Odisha, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, 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 **Arunachal Pradesh**, postpone the sowing of WRC paddy nurseries. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.
- In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse during clear weather conditions. Provide mechanical support for tall crops (like banana or sugarcane) and young saplings by using bamboo sticks or poles.
- **Meghalaya**- Provide proper drainage in maize, ginger, vegetables and orchards. Provide staking/bamboo support to prevent lodging.
- In **Manipur**, postpone sowing of soybean and groundnut. Drain out excess rainwater and top-dress the crop after the current rain spells. Avoid prolonged rainwater stagnation in crop fields (chilli, ginger, turmeric, banana, etc.).
- In **Mizoram**, create drainage channels surrounding the rice fields and utilize grass mulch to cover the seeds. Provide support to fruit-bearing or partially lodge plants/trees. Propping should be done to prevent maize plants from lodging.
- In **Nagaland**, Maintain drainage in low-lying areas and in crop fields (potato, foxtail millet. Keep the maize field covered with locally available mulch, such as farm residue or paddy straw. Provide propping to the banana plant to prevent lodging.
- In **Tripura**, ensure proper drainage to prevent standing water in vegetable, watermelon, and orchard fields.
- In **West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and *Dalle Khorsani* fields. Protect the nurseries of cucurbits and *Dalle Khorsani* by covering them with polyethene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.
- In **Bihar**, 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.
- In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Tamilnadu**, maintain proper drainage to avoid water stagnation in blackgram, green gram, sugarcane, plantations and vegetables.

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

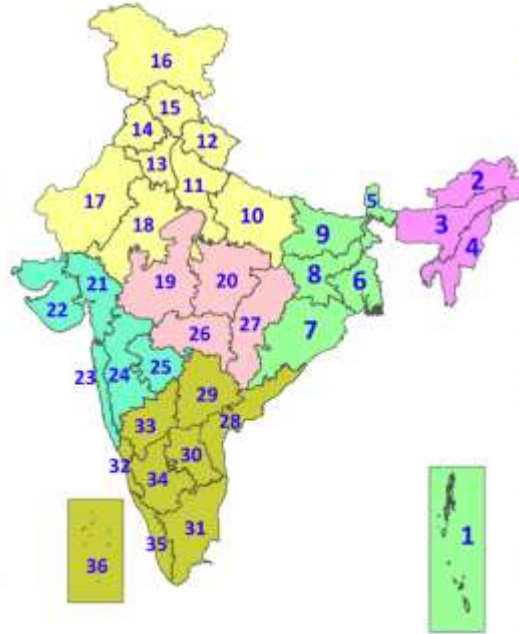
- **Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.**
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event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

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 *	<p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p>
Heat Wave	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
Thunderstorm	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
Dust/Sand Storm	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
Frost	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-67 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p>

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