



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 03rd April 2026

Time of Issue: 1400 hours IST

Subject: (i) Two successive Western disturbances likely to affect northwest India during the week with peak activity on 3rd & 4th and on 7th April. Hailstorm is likely over the region and isolated heavy rainfall also likely over Kashmir valley on 03rd & 04th April.

(ii) Rainfall activity with thunderstorm & lightning likely over central & peninsular India till 07th April with isolated hailstorm over Madhya Pradesh, Madhya Maharashtra, Marathwada and adjoining Gujrat region on 3rd and over east Madhya Pradesh & Chhattisgarh on 4th April, 2026.

(iii) Day temperatures are likely to remain below normal to near normal over most part of the country during the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 02nd April, 2026:

- ❖ **Heavy rainfall (7-11cm)** has been recorded at isolated places over Arunachal Pradesh, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal.
- ❖ **Hailstorm activity** reported at isolated places over East Rajasthan, West Madhya Pradesh and Madhya Maharashtra.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed 50-80 kmph prevailed at isolated places over West Uttar Pradesh, East Uttar Pradesh, Vidarbha, Konkan & Goa, Madhya Maharashtra, Marathwada, West Madhya Pradesh, East Madhya Pradesh, Vidarbha, Gujarat Region, Saurashtra & Kutch, Chhattisgarh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura.

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

- ❖ **Maximum/day temperatures were in the range (34°C- 40°C):** Over the most part of the country except Western Himalayan region and Northeast India. **The highest maximum temperature of 40.6°C is reported at Jharsuguda (Odisha).**
- ❖ **Maximum Temperatures/day temperatures markedly above normal (> 5.1°C)** at isolated places over West Uttar Pradesh. **appreciably above normal (3.1°C to 5.0°C)** at many places over Uttarakhand; at few places over Punjab; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Bihar, Haryana-Chandigarh-Delhi, Himachal Pradesh, Jammu Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan and Chhattisgarh. **above normal (1.6°C to 3.0°C)** at many places over Lakshadweep; at few places over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh and Coastal Karnataka; at isolated places over Odisha, Jharkhand, West Madhya Pradesh, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal (-1.5°C to 1.5°C)** at many places over South Interior Karnataka; at most places over Andaman & Nicobar Islands, East Rajasthan and Konkan & Goa; at few places over Gujarat Region, Madhya Maharashtra, Vidarbha, Telangana, Rayalaseema and North Interior Karnataka; at isolated places over Saurashtra & Kutch and Marathwada.
- ❖ **Minimum/night temperatures** were in the range of **12-18°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, East Madhya Pradesh, East Rajasthan, Assam & Meghalaya, Nagaland. They were in the range of **18-25°C** over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 16.2 °C was observed at Jaisalmer (West Rajasthan) over the plains of India.**
- ❖ **Minimum/night Temperature** were **appreciably above normal (3.1°C to 5.0°C)** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh, Madhya Pradesh, Bihar, Odisha, Assam, Nagaland **above normal (1.6°C to 3.0°C)** over Meghalaya, Mizoram, Gangetic West Bengal, Gujarat Region, West Rajasthan; **below normal (-3.0°C to -1.6°C)** over Marathwada, Telangana, Tamil Nadu, Puducherry & Karaikal and 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 lies over South Afghanistan adjoining Pakistan between lower and upper tropospheric levels.
- ❖ An **upper-air cyclonic circulation** lies over northeast Pakistan & neighbourhood in lower tropospheric level.
- ❖ An **upper-air cyclonic circulation** over Haryana & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from above upper-air cyclonic circulation over northeast Pakistan to northwest Uttar Pradesh in lower tropospheric level.
- ❖ A **trough** runs from north Madhya Pradesh to north Vidarbha in lower tropospheric level.
- ❖ An **upper-air cyclonic circulation** lies over north Gujarat & neighbourhood in lower tropospheric level.
- ❖ An **upper-air cyclonic circulation** over Sub-Himalayan West Bengal in lower tropospheric level.
- ❖ An **upper-air cyclonic circulation** lies over south Coastal Andhra Pradesh & Yanam & neighbourhood in lower tropospheric levels.
- ❖ A **trough** runs from Marathawada to south Tamil Nadu across Interior Karnataka in lower tropospheric level.
- ❖ An **upper-air cyclonic circulation** lies over northeast Assam in lower tropospheric level.
- ❖ A **fresh Western Disturbance** is likely to affect Northwest India from 07th April, 2026.

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

Northwest India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph) likely over Uttarakhand on 04th and Himachal Pradesh on 03rd & 04th April; **Isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph) likely over Uttarakhand on 03rd & 05th; **Isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph) likely over Uttar Pradesh on 03rd and East Rajasthan on 04th with lightning over East Uttar Pradesh on 05th and West Rajasthan on 04th April.
- ❖ Another fresh wet spell with **Scattered to fairly widespread** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 Kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh and Uttarakhand on 07th, 08th and 09th April; **Isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph) likely over Punjab, Haryana Chandigarh & Delhi and East Rajasthan on 07th & 08th; West Uttar Pradesh on 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand Punjab and Haryana Chandigarh & Delhi on 03rd & 04th; Uttar Pradesh on 04th and Rajasthan on 03rd; West Rajasthan on 03rd April.
- ❖ **Isolated hailstorm activity** also likely over Jammu-Kashmir on 03rd, 04th & 07th, 08th and Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi and East Rajasthan on 03rd & 04th, Uttarakhand and Uttar Pradesh on 04th, West Rajasthan on 03rd April.
- ❖ **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 03rd & 04th April.

Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds** (speed reaching 30-40 kmph) likely over Arunachal Pradesh on 03rd & 05th; Assam & Meghalaya on 03rd, 05th & 06th, 07th and Nagaland, Manipur, Mizoram & Tripura on 03rd April with lightning over Arunachal Pradesh on 04th, 06th & 07th; Assam & Meghalaya on 04th; Nagaland, Manipur, Mizoram & Tripura on 04th & 05th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 05th - 09th April; Assam & Meghalaya on 05th & 06th April.

East India:

- ❖ **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph) likely over Sub-Himalayan West Bengal & Sikkim during 05th -08th; Gangetic West Bengal on 05th, 06th & 08th; Bihar on 09th; Jharkhand on 03rd, 04th & 07th and Odisha during next 5 days.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 07th; Bihar during 05th -08th; Jharkhand on 05th & 06th April.
- ❖ **Isolated Hailstorm activity** likely over Jharkhand on 05th & 06th and Bihar on 06th & 07th April.

Central India:

- ❖ **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-40 kmph) likely over West Madhya Pradesh during 04th -07th; East Madhya Pradesh on 03rd & 04th; Vidarbha & Chhattisgarh during next 5 days.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over West Madhya Pradesh on 03rd April.
- ❖ **Isolated Hailstorm activity** likely over West Madhya Pradesh on 03rd; East Madhya Pradesh on 03rd & 04th and Chhattisgarh on 04th April.

West India:

- ❖ **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-40 kmph) likely over Madhya Maharashtra on 03rd & 04th, Marathwada during 03rd- 05th and Gujarat State during 03rd April.
- ❖ **Isolated Hailstorm activity** likely over Madhya Maharashtra, Marathwada and adjoining Gujrat region on 03rd April.

South Peninsular India:

- ❖ **Isolated** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-40 kmph) likely over Kerala & Mahe, Telangana, Interior Karnataka during 03rd -07th; Coastal Andhra Pradesh & Yanam during 04th -07th; Rayalaseema during 05th -07th with lightning over Tamil Nadu, Puducherry & Karaikal during 03rd -06th and Coastal Karnataka on 03rd & 04th April.

Hot & Humid weather Warnings:

- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Gangetic West Bengal on 03rd & 04th; Odisha on 03rd April.

Forecast of maximum/day temperatures:

- ❖ Gradual fall in maximum temperatures by 3-5°C likely over Northwest India till 04th April; gradual rise by 2-3°C on 05th & 06th April and fall by 3-5°C during 07th -09th April. However, it will remain normal to below normal till 09th April, 2026.
- ❖ No significant change in maximum temperatures likely over Central India except Vidarbha where gradual rise in maximum temperature by 3-5°C till 03rd April and thereafter no large change.
- ❖ No significant change in maximum temperatures likely over East India till 04th April and gradual fall by 3-4 °C during 05th -07th April.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 04th and gradual rise in maximum temperatures by 2-3°C during 05th -09th April. Gradual fall in maximum temperatures by 2-3°C likely over Gujarat State till 03rd April and no significant change during 03rd-08th April.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Fishermen Warning:

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

Bay of Bengal: No warning.

Arabian Sea: Over some parts of northeast Arabian Sea, along and off northern parts of north Gujarat coast on 03rd April.

Weather conditions and forecast over Delhi/NCR during 03rd-06th April, 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/fishermen-warning.php>

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

- ❖ **Tamil Nadu, Puducherry & Karaikal:** Sothuparai (dist Theni) 9, Chinnakalar (dist Coimbatore) 7
- ❖ **Madhya Maharashtra:** NDA_Pune (AWS) 8
- ❖ **Arunachal Pradesh:** Deomali 9

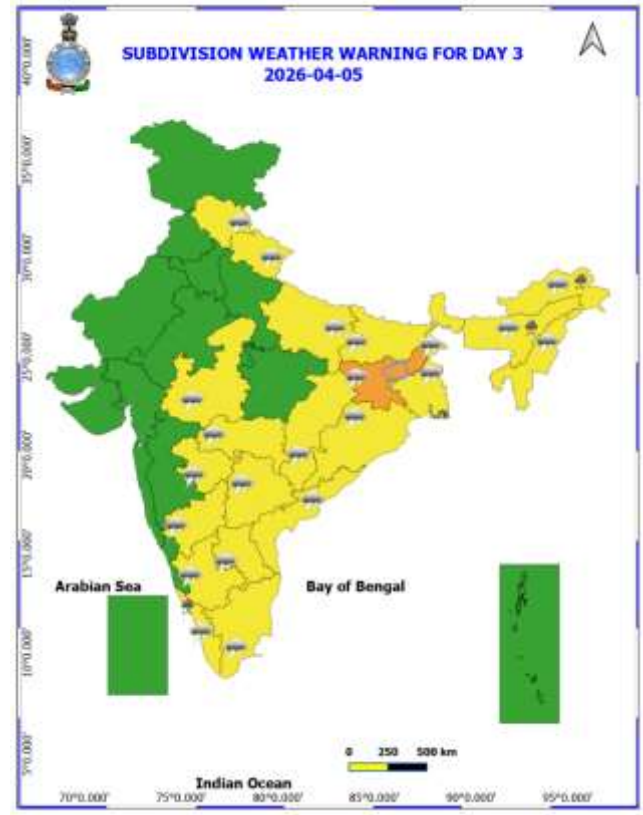
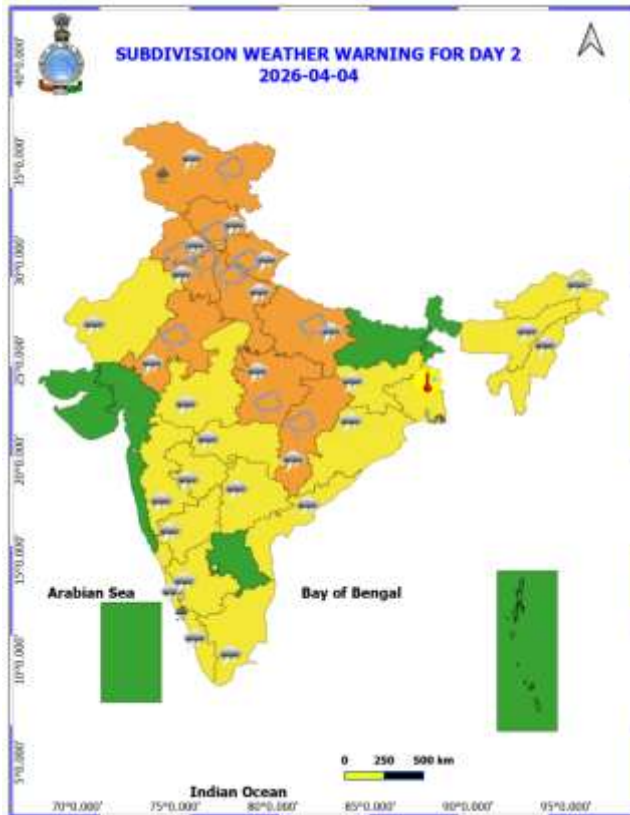
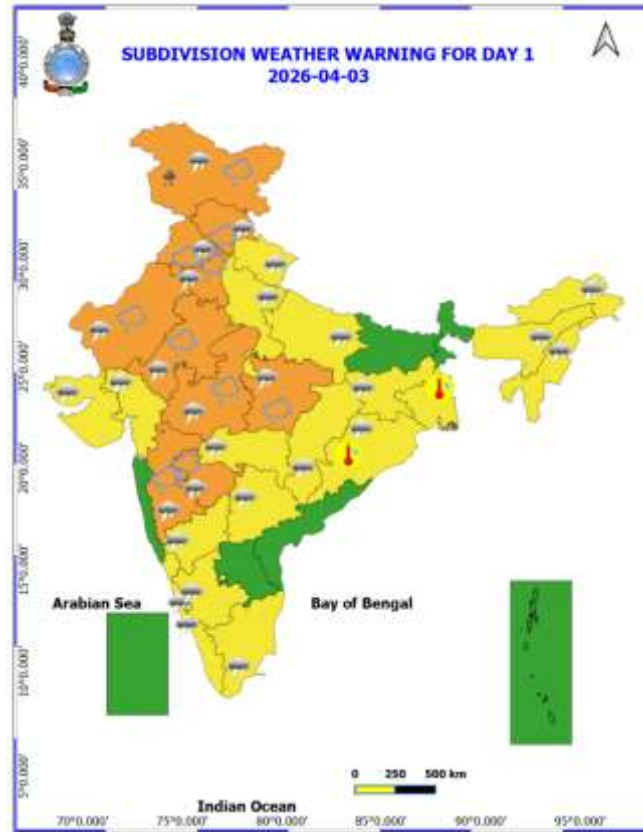
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

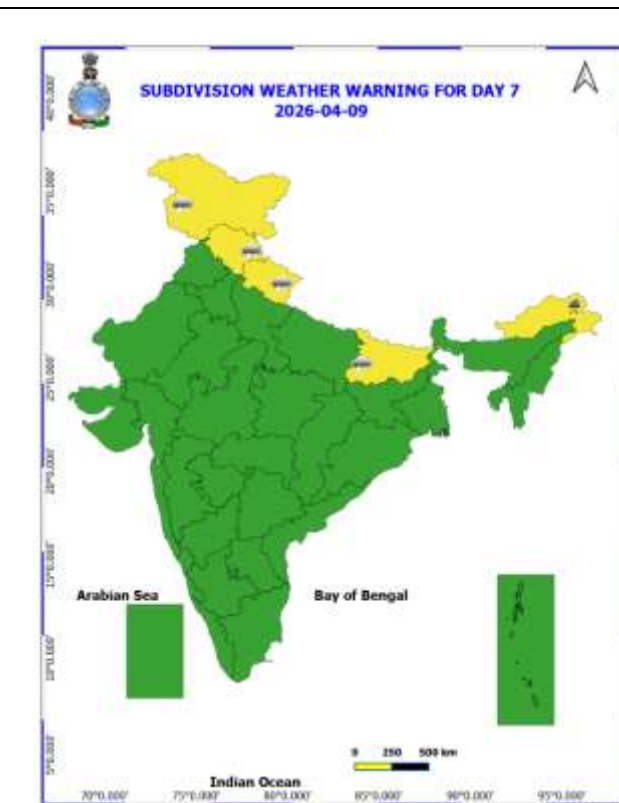
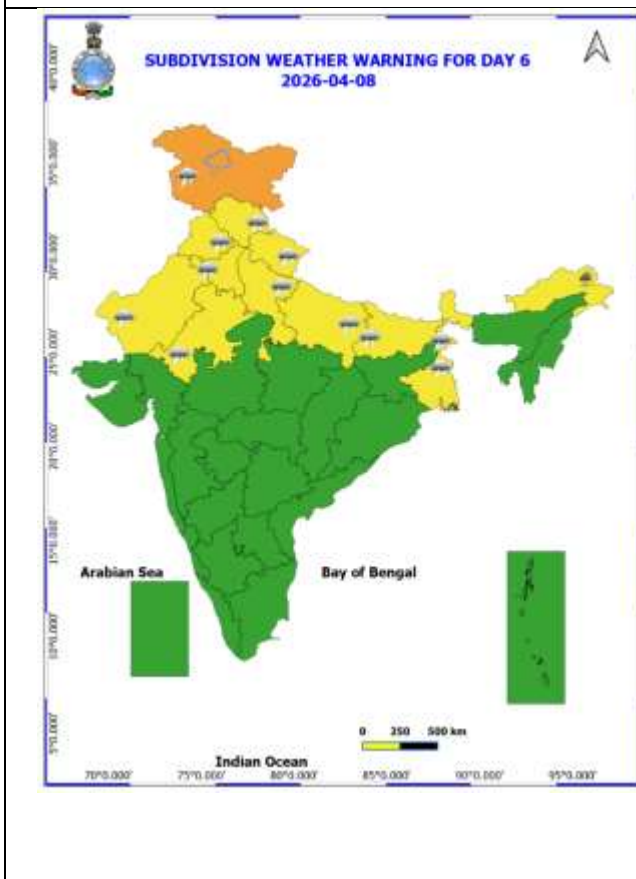
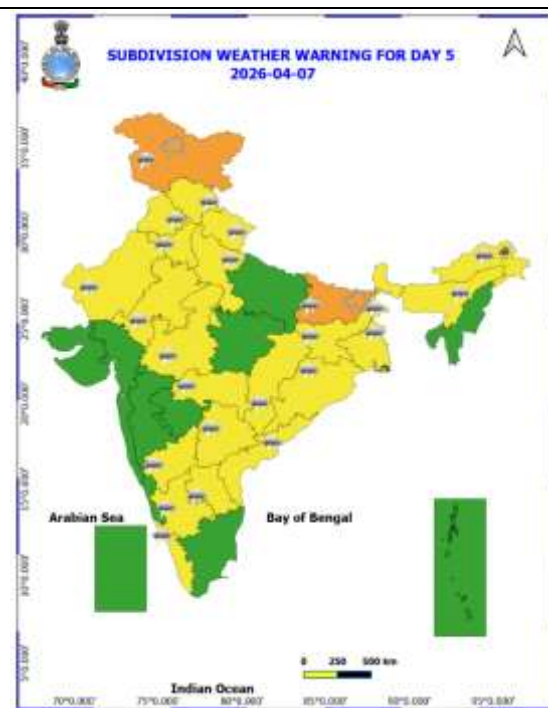
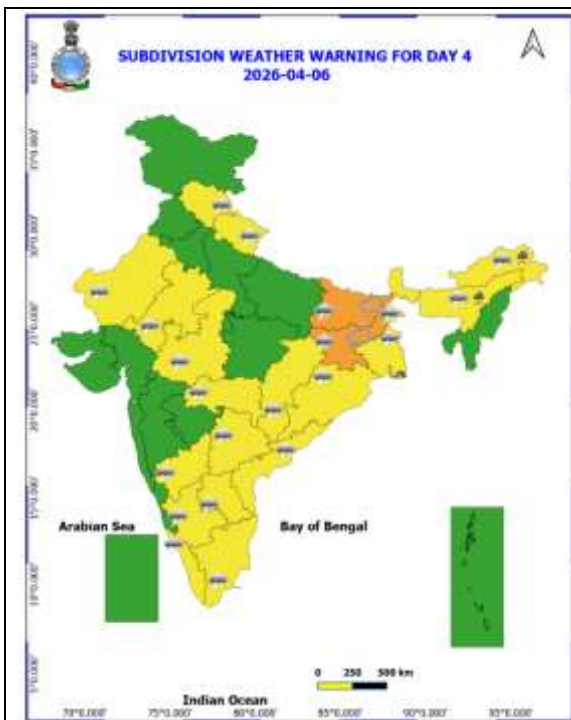
- ❖ **West Uttar Pradesh:** Hamirpur-48, Jalaun-46
- ❖ **East Uttar Pradesh:** Gorakhpur(Iaf)-46, Lucknow(Integral)-39, Kanpur(Iaf)-37
- ❖ **Vidarbha:** Akola- 57, Buldhana- 39
- ❖ **Konkan & Goa:** Karjat (Raigad) - 37
- ❖ **Madhya Maharashtra:** Chopda (Jalgaon)- 83,
- ❖ **Marathawada:** Parbhani - 46
- ❖ **West Madhya Pradesh:** Sehore - 67
- ❖ **East Madhya Pradesh:** Sagar - 74
- ❖ **Vidarbha:** Akola- 57, Buldhana- 39
- ❖ **Gujarat Region:** Dantiwada (B.K.) 28
- ❖ **Saurashtra & Kutch:** Junagadh-30
- ❖ **Chhattisgarh:** Koriya -31
- ❖ **Arunachal Pradesh:** Lowertato-48, Bomdila-37, Miao-35
- ❖ **Assam & Meghalaya:** Dullavcherra- 61, Diphu- 41, Mushalpur -33, Neriwalam -33, Habang_Circle -31, Salakati_Aegcl -31, Shillong – 50, Jowai- 41, Mawkyrwat- 37
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Sakshi- 51, Kohima -46, Thonoknyu- 46, Wokha- 39 Kamjong - 43, Imphal- 41, Geljang_Resort - 39, Porompat -37, Tujangichong -37, Hakpikarong - 35, Kamalpur(North)-32

ANNEXURE I

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

- 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 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 to 06th April 2026

Past Weather:

There has been rise in maximum temperatures up to 3 - 4°C and rise in minimum temperatures up to 2 - 3°C during past 24 hours over Delhi. The maximum temperatures are in the range of 36 - 37°C and minimum temperatures are 21 - 22°C during past 24 hours over Delhi. The minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at many places and above normal (1.6°C to 3.0°C) at remaining parts over Delhi. The maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at isolated places and above normal (1.6°C to 3.0°C) at remaining parts over Delhi. Partly cloudy sky with surface wind speeds up to 14 kmph from northeast direction prevailed during the past 24 hours. Partly cloudy sky with surface winds speed up to 20 kmph gusting to 34 kmph likely to be prevailed from southwest direction over the region in the forenoon today.

Weather Forecast:

03.04.2026: Generally cloudy sky. A spell of very light rain/drizzle accompanied with thunderstorm/lightning and strong surface winds speed 30-40 kmph gusting to 50 kmph during evening to night. The maximum temperatures over Delhi are likely to be in the range of 32°C to 34°C. The maximum temperature will be below normal (-1.6°C to 3.0°C) over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 30 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 15 kmph from the northeast direction during evening and night.

04.04.2026: Partly cloudy sky becoming generally cloudy sky towards forenoon. One or two spells of very light rain/drizzle accompanied with thunderstorm/lightning and gusty winds speed 30-40 kmph gusting to 50 kmph during afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 29°C to 31°C and 18°C to 20°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) and the maximum temperature will be below normal (-1.6°C to -3.0°C) over Delhi. The predominant surface wind is likely to be from the north direction with wind speed reaching up to 15 kmph during the morning hours. The wind speed will gradually increase reaching up to 25 kmph from south direction during the afternoon. The wind speed will decrease becoming less than 15 kmph from the northeast direction during evening and night.

05.04.2026: Partly cloudy sky becoming generally cloudy sky towards afternoon. Possibility of very light rain accompanied with thunderstorm/lightning and strong surface winds speed 20-30 kmph gusting to 40 kmph during afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 29°C to 31°C and 16°C to 18°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) and the maximum temperature will be appreciably below normal (-3.1°C to -5.0°C) over Delhi. The predominant surface wind is likely to be from the southwest direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase reaching up to 15 kmph from the northwest direction in the afternoon. The wind speed will decrease becoming less than 10 kmph from the northwest direction during evening and night.

06.04.2026: Partly cloudy sky. The maximum and minimum temperatures in Delhi are likely to be in the ranges of 31°C to 33°C and 17°C to 19°C respectively. The minimum temperatures will be near normal (-1.5°C to 1.5°C) and the maximum temperatures will be below normal (-1.6°C to -3.0°C) over Delhi. The predominant surface wind is likely to be from the west direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase reaching up to 15 kmph from the west direction in the afternoon. The wind speed will decrease becoming less than 12 kmph from the northwest direction during evening and night.

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

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorms/lightning and gusty winds (speed 30 – 40 kmph) temporarily reaching 50 kmph during thunderstorms with dust rising surface winds.
- Breaking of tree branches, uprooting of large avenue trees, Large dead limbs blown from trees, Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.

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

- ❖ **Isolated hailstorm activity** also likely over Jammu-Kashmir on 03rd, 04th & 07th, 08th and Himachal Pradesh, Punjab, Haryana Chandigarh & Delhi and East Rajasthan on 03rd & 04th, Uttarakhand and Uttar Pradesh on 04th, West Rajasthan on 03rd; over Jharkhand on 05th & 06th and Bihar on 06th & 07th; over West Madhya Pradesh on 03rd; East Madhya Pradesh on 03rd & 04th and Chhattisgarh on 04th; over Madhya Maharashtra and Marathawada on 03rd; over Jharkhand on 05th & 06th and Bihar on 06th & 07th; over West Madhya Pradesh on 03rd; East Madhya Pradesh on 03rd & 04th and Chhattisgarh on 04th; over Madhya Maharashtra and Marathawada on 03rd April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 07th; Bihar during 05th -08th; Jharkhand on 05th & 06th April. **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand Punjab and Haryana Chandigarh & Delhi on 03rd & 04th; Uttar Pradesh on 04th and Rajasthan on 03rd; West Rajasthan on 03rd; over West Madhya Pradesh on 03rd; over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand Punjab and Haryana Chandigarh & Delhi on 03rd & 04th; Uttar Pradesh on 04th and Rajasthan on 03rd; West Rajasthan on 03rd; over Gangetic West Bengal on 07th; Bihar during 05th -08th; Jharkhand on 05th & 06th; over West Madhya Pradesh on 03rd April.

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 rainfall over

- ❖ **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 03rd & 04th; over Arunachal Pradesh during 05th - 09th April; Assam & Meghalaya on 05th & 06th April.

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 kutchha 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

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Rajasthan, Madhya Pradesh, Madhya Maharashtra, Marathwada, Uttarakhand, Uttar Pradesh and Chhattisgarh.**
- Undertake harvesting of matured crops and fruits immediately and shift them to safer places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Jammu & Kashmir**, keep the harvested mustard, lentil and gram in safe places. Make arrangements to drain out excess rainwater from the standing crops. Provide staking to the pea vines for better crop stand against strong winds.
- In **Arunachal Pradesh**, drain out excess rainwater from the standing crop fields. Postpone fresh sowing of summer Jhum rice, maize and vegetables. Harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places. Maintain proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards.
- In **Assam**, drain out excess rainwater from the standing crop fields. Undertake sowing of black gram, okra ladyfinger and Olitorius jute as well as planting of banana, turmeric and ginger at optimum soil moisture conditions.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and cover the young vegetable seedlings. Carry out sowing of vegetables like carrot, okra, capsicum, etc. during clear weather.
- In **Kerala**, provide mechanical support to banana plants and staking to vegetables. Keep the drainage channels clean to avoid stagnation of water in the crop fields.

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 properly and cover them to minimise the risk of displacement due to 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

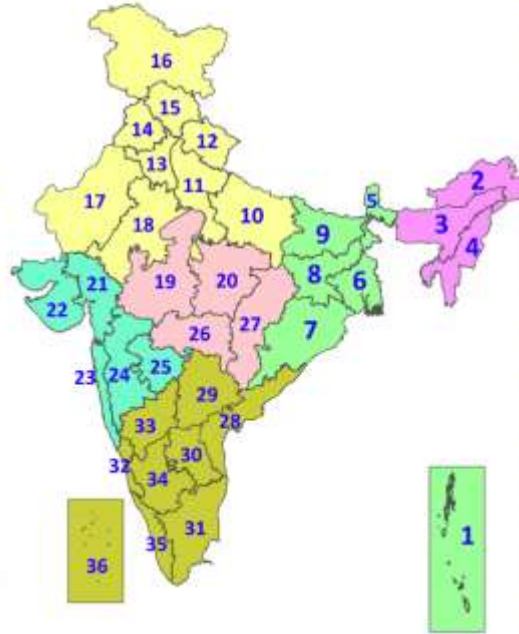
- Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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, 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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