



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 07th April 2026

Time of Issue: 1345 hours IST

Subject: (i) Due to an active western disturbance, intense rainfall spell with hailstorm activity likely over northwest India and Madhya Pradesh on 07th & 08th April. Isolated heavy rainfall likely over Kashmir valley on 07th; Himachal Pradesh on 08th April.

(ii) Intense rainfall spell with hailstorm, thunderstorm & lightning likely over east India on 07th & 08th April.

(iii) Day temperatures are likely to remain below normal to near normal over most part of northwest, central & east India during next 5 days and gradual become above normal thereafter.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 07th April, 2026:

- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Odisha, Coastal Andhra Pradesh.
- ❖ **Hailstorm activity** reported at isolated places over Odisha, Jharkhand, Telangana, Sub Himalayan West Bengal, Uttarakhand, Chhattisgarh.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed **30-70 kmph** prevailed at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Himachal Pradesh, Uttarakhand, Punjab, West Uttar Pradesh, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Marathwada, Gujarat Region, Saurashtra & Kutch, Tamil Nadu & Puducherry.

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 & adjoining plains of Northwest India and Northeast India. **Yesterday, the highest maximum temperature of 40.7°C was reported at NANDYAL (ANDHRA PRADESH).**
- ❖ **Maximum Temperatures/day temperatures were appreciably above normal (3.1°C to 5.0°C)** over Assam & Meghalaya; **above normal (1.6°C to 3.0°C)** over Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal; **appreciably below normal (-5.0°C to -3.1°C)** over Himachal Pradesh, Delhi, East Uttar Pradesh, Rajasthan, Gujarat State, Maharashtra, Madhya Pradesh, Bihar, Jharkhand, Gangetic West Bengal, Odisha; **below normal (-3.0°C to -1.6°C)** over Punjab, Haryana, West Uttar Pradesh, Chhattisgarh, North Interior Karnataka, Telangana, Coastal Andhra Pradesh & Yanam and near normal over rest parts of the country.
- ❖ **Minimum/night temperatures were in the range of 12-18°C** over Jammu-Kashmir, Himachal Pradesh, Punjab, Haryana-Chandigarh-Delhi, West Rajasthan, West Uttar Pradesh, Madhya Pradesh, Assam & Meghalaya, Madhya Maharashtra, Interior Karnataka. They were in the range of **18-25°C** over remaining parts of the plains of the country. Today, the lowest minimum temperature of **15.4 °C** is observed at **Orai (West Uttar Pradesh)** over the plains of India.
- ❖ **Minimum/night Temperature were above normal (1.6°C to 3.0°C)** over Punjab, Haryana, Saurashtra & Kutch, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal; **appreciably below normal (-5.0°C to -3.1°C)** over Karnataka; **below normal (-3.0°C to -1.6°C)** over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Delhi, East Rajasthan, Bihar, Madhya Pradesh, north Chhattisgarh, Jharkhand, Gangetic West Bengal, Odisha, Maharashtra and near normal over rest parts of the country.

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

- ❖ The **Western Disturbance** lies over northeast Pakistan & adjoining Afghanistan in lower and middle tropospheric levels with a trough aloft in middle & upper levels tropospheric westerlies run roughly along Long. 66°E to the north of Lat. 30°N.
- ❖ An **induced upper air cyclonic circulation** lies over central Pakistan in lower tropospheric levels.
- ❖ The **upper air cyclonic circulation** over northeast Rajasthan & neighbourhood in lower tropospheric levels.
- ❖ The **upper air cyclonic circulation** over northwest Uttar Pradesh & neighbourhood in lower tropospheric levels.
- ❖ The **upper air cyclonic circulation** over East Uttar Pradesh in lower tropospheric levels.

- ❖ The **upper air cyclonic circulation** over central Assam & neighbourhood in lower tropospheric levels with a trough aloft in westerlies at 3.1 km above mean sea level roughly along Long. 93°E to the north of Lat. 26°N.
- ❖ The **upper air cyclonic circulation** over Odisha & neighbourhood in lower tropospheric levels.
- ❖ The **trough/wind discontinuity** runs from Gangetic West Bengal to Gulf of Mannar in lower tropospheric levels.
- ❖ A fresh **Western Disturbance** is likely to affect Western Himalayan Region from 11th April, 2026.

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

Northwest India:

- ❖ **Fairly widespread to 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, Himachal Pradesh & Uttarakhand on 07th & 8th April; **Isolated to Scattered** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 Kmph) likely over Jammu-Kashmir on 09th & 10th April, Himachal Pradesh & Uttarakhand on 09th April; **Scattered to fairly widespread** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 Kmph) likely over Punjab, Haryana, Chandigarh, Delhi, Uttar Pradesh & East Rajasthan on 07th & 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Rajasthan on 07th April.
- ❖ **Isolated hailstorm activity** also likely over Jammu-Kashmir & Rajasthan on 7th, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, Himachal Pradesh, Uttarakhand on 07th & 08th, East Uttar Pradesh on 8th April.
- ❖ **Isolated heavy rainfall** likely over Kashmir Valley on 07th, Himachal Pradesh on 8th 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 during 7th - 13th; Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 7th - 11th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 07th & 09th & 12th; Assam & Meghalaya on 08th, 9th April.

East India:

- ❖ **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph gusting to 60 kmph) likely over East India during next 3-4 days.
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Bihar, Sub-Himalayan West Bengal & Sikkim on 08th; Jharkhand on 07th & 08th; Gangetic West Bengal & Odisha on 07th April.
- ❖ **Isolated Hailstorm activity** likely over West Bengal, Sikkim & Odisha on 07th; Bihar on 08th; Jharkhand on 07th & 08th April.
- ❖ **Isolated heavy rainfall** likely over Gangetic West Bengal on 08th April; Odisha on 7th & 08th April.

Central India:

- ❖ **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 40-50 kmph) likely over Madhya Pradesh on 7th & 8th; Chhattisgarh during 7th - 9th April.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh & Chhattisgarh on 08th April.

West India:

- ❖ **Isolated** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-40 kmph) likely over Gujarat State on 07th April.

South Peninsular India:

- ❖ **Isolated** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph) likely over Coastal Andhra Pradesh & Yanam, Rayalaseema during 7th - 10th, Telangana during 7th - 9th and South Interior Karnataka during 9th - 11th April; North Interior Karnataka on 11th April; with lightning over Tamil Nadu during 7th - 9th April; Kerala, Mahe during 9th - 11th April; South Interior Karnataka on 7th & 8th April, Coastal Karnataka on 11th April.

Hot & Humid weather Warnings:

- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Kerala during 7th - 9th April; Coastal Karnataka during 9th - 11th and Gujarat State during 11th-13th April.

Forecast of maximum/day temperatures:

- ❖ Fall in maximum temperatures by 3-5 °C likely over Northwest India till 08th April and gradual rise by 5-7°C during 09th -13th April.
- ❖ No significant change in maximum temperatures likely over Central India till 08th and gradual rise by 3-5°C during 09th -13th April.
- ❖ No significant change in maximum temperatures likely over East India till 09th; gradual fall by 4-6°C during 10th -13th April.
- ❖ No significant change in maximum temperatures likely over Northeast India till 07th; gradual fall by 3-4°C on 8th & 9th; No significant change on 10th April; thereafter again fall by 2-3°C.
- ❖ No significant change in maximum temperatures likely over West India till 08th and gradual rise by 2-4°C during 09th -13th April.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.
- ❖ **Overall, Day temperatures are likely to remain below normal to near normal over most part of northwest, central & east India during next 5 days and gradual become above normal thereafter.**

Fishermen Warning:

Fishermen are advised not to venture into the following areas

Bay of Bengal: Along and off Gangetic west Bengal adjoining north Odisha coasts during 07th to 09th April.

Arabian Sea: Along and off north Gujarat, Pakistan coasts adjoining sea areas of north Arabian Sea, and over Gulf of Oman on 07th April; over Gulf of Khambhat on 08th April.

Weather conditions and forecast over Delhi/NCR during 07th-10th 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):

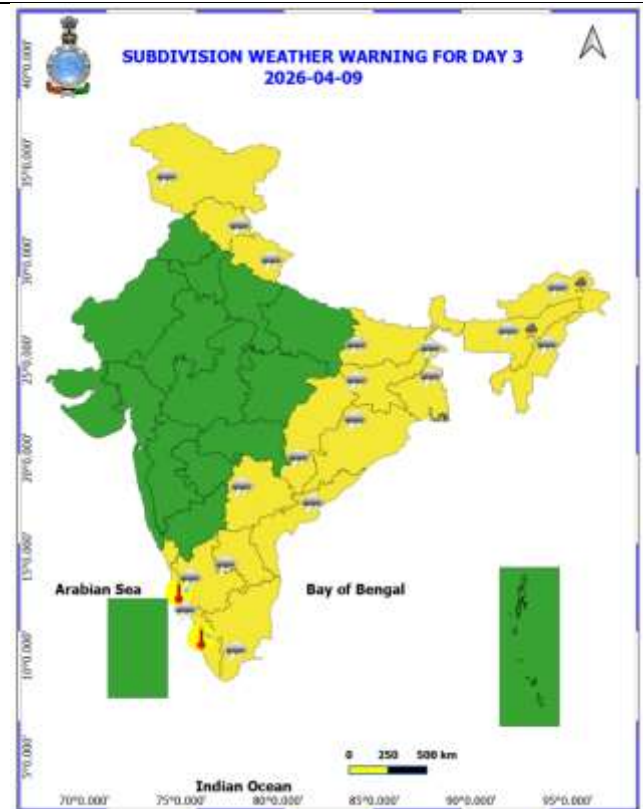
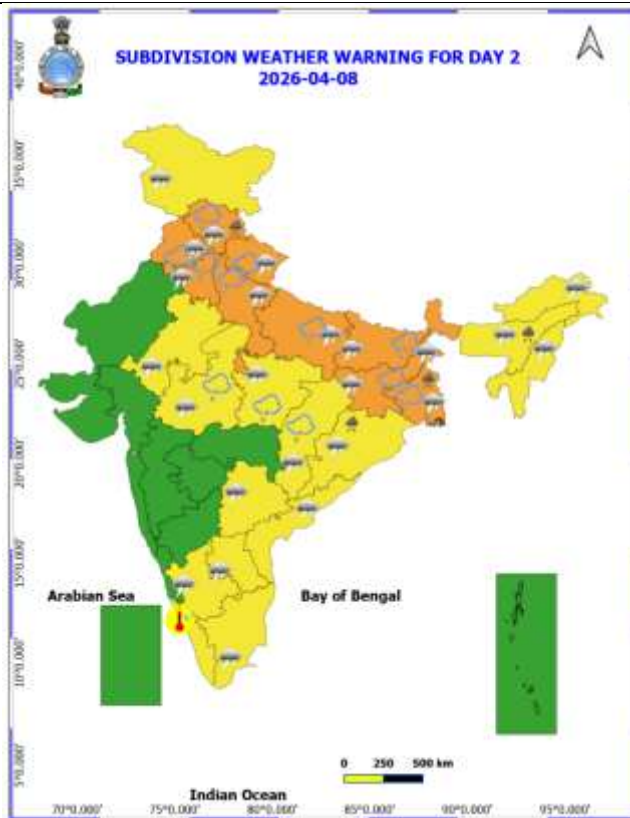
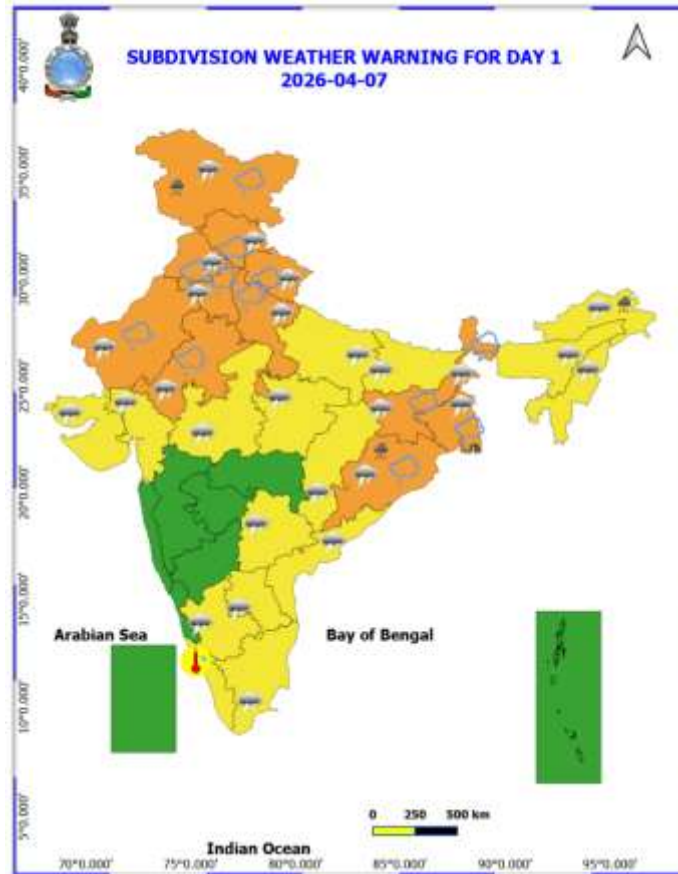
- ❖ **Odisha:** Sheragada (dist Ganjam) 10; Atabira (dist Bargarh) 7.
- ❖ **Coastal Andhra Pradesh & Yanam:** Therlam (dist Vizianagaram) 11.

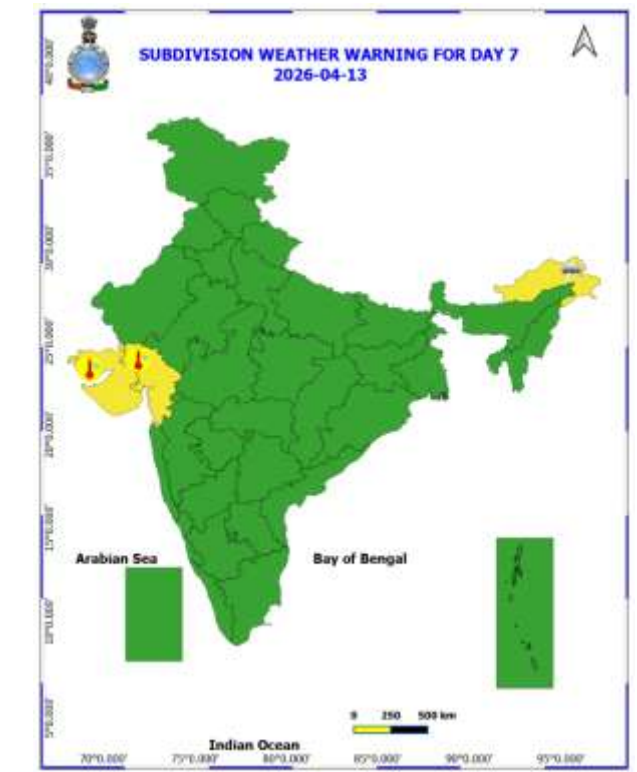
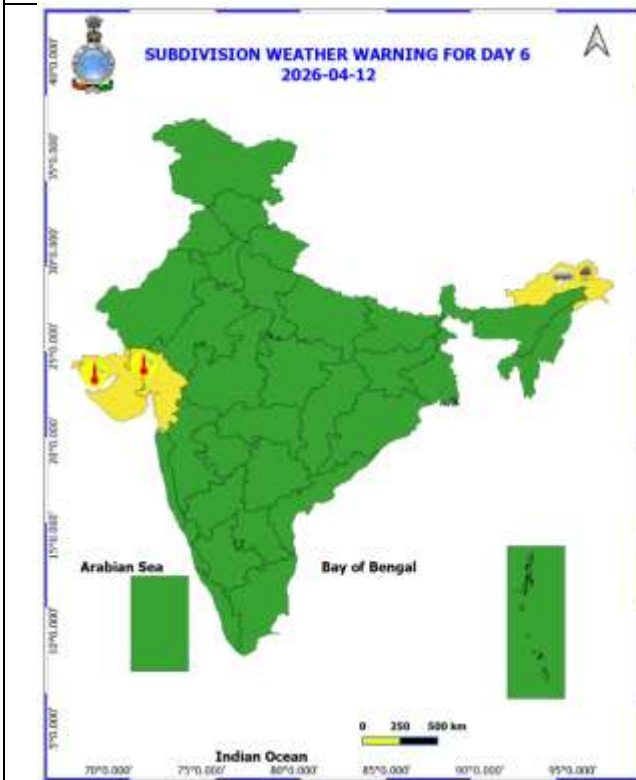
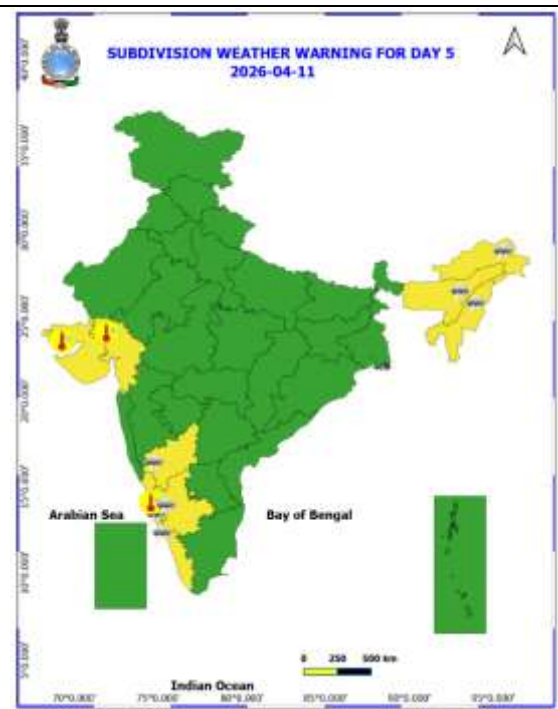
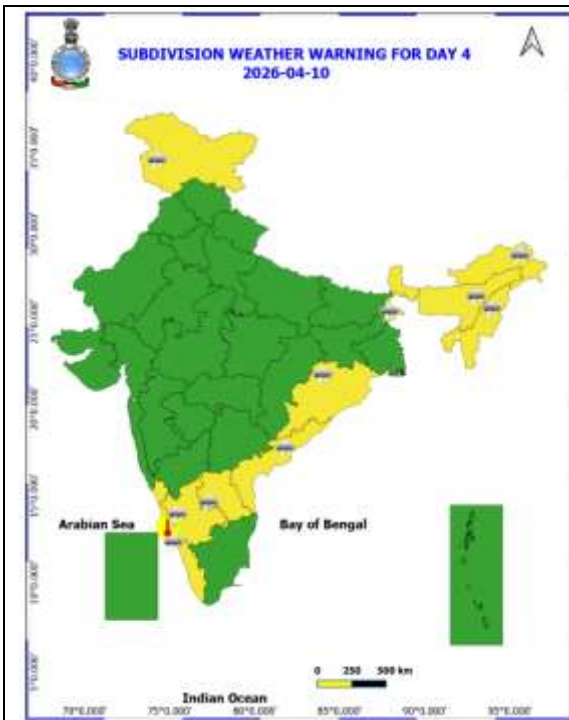
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Arunachal Pradesh:** Bomdila 46, Lowertato 43, Ziro Manipolyang 43, Kalaktang 41, Deomali 39, Deed 39
- ❖ **Assam & Meghalaya:** Silchar_Jns_College 68, Down_Town_University 43, Rowta_Aegcl 43, Guwahati 41, Dhekiajuli_Aegcl 41, Panchgram_Aegcl 39, Ghoramara_Aegcl 37, Silapathar_Science_College 35, Sonari_Aegcl 35, Marigaon 33, Haflong 33, Gauripur_Aegcl 33, Habang_Circle 33, Vcbc_Rani 33, Cacher_Kvk 31, Gauhati_University 31, Nalbari_Kvk 31, Neriwalam 31, Salakati_Aegcl 31, Shillong 48.
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Aws Thonoknyu 37, Aws Sakshi 48, Aws Kohima 56, Aws Wokha 44, Aws Jalukie 55, Jiribam 43, Imphal_Amfu 39, Adc Moreh 35, Kamjong 35, Kailashahar(Unakoti) 57, Kvk_Panisagar(North) 43, Sabroom (South) 35, Gandechera(Dhalai) 35
- ❖ **Gangetic West Bengal:** Dum Dum 76, Uluberia 65, Alipore 63, Amta 61, Barrackpore 54, Nimpith 52, Kalyani 46, Sonarpur 41
- ❖ **Odisha:** Rourkela 56
- ❖ **Jharkhand:** East Singhbhum 67
- ❖ **Himachal Pradesh:** Tabo 44, Seobagh 39
- ❖ **Uttarakhand:** Mokhampur 48, Champawat 46, Mukteshwar 43, Chamoli 39, Maldevata 39, Jollygrant 39, Ranichawri 39, Pantnagar 35
- ❖ **Punjab:** Abohar 57, Faridkot 44
- ❖ **Haryana:** Ujha (Panipat) 39
- ❖ **West Uttar Pradesh:** Amroha(Aws) 43, Gautambuddh Nagar(Aws) 41, Bulandshahar(Aws) & Agra(Aws) 39, Each, Bareilly (Iaf) 35
- ❖ **West Rajasthan:** Barmer 36
- ❖ **West Madhya Pradesh:** Guna 31, Bhopal, Sehore 30
- ❖ **East Madhya Pradesh:** Jabalpur 37, Sagar 35, Katni 30
- ❖ **Konkan & Goa:** Mulde (Sindhudurg) 39
- ❖ **Madhya Maharashtra:** Rajgurunagar (Pune) 44
- ❖ **Marathwada:** Parbhani 33
- ❖ **Gujarat Region:** Khambhat 37
- ❖ **Saurashtra & kutch:** Kandla (Kutch) 43
- ❖ **Tamil Nadu & Puducherry:** Vit_Chennai (Chengalpattu) 43, Coonoor (The_Nilgiris) 39, Thiruchendur (Thoothukudi) 52, Meenambakkam_Isro (Chennai) 37, Ranipet 41, Tnvasu_Madhavaram (Chennai) 37.

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	7- Apr	8- Apr	9- Apr	10- Apr	11- Apr	12- Apr	13- Apr
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	WS	FWS	WS	FWS	WS	WS	WS
3	ASSAM & MEHGHALAYA	WS	WS	WS	FWS	WS	WS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	FWS	W	SCT	FWS	SCT
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	SCT	WS	FWS	SCT	SCT	SCT	ISOL
6	GANGETIC WEST BENGAL	FWS	WS	SCT	ISOL	DRY	DRY	DRY
7	ODISHA	SCT	SCT	SCT	SCT	DRY	DRY	DRY
8	JHARKHAND	SCT	FWS	SCT	DRY	DRY	DRY	DRY
9	BIHAR	ISOL	FWS	ISOL	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	SCT	FWS	ISOL	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	FWS	SCT	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	FWS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	FWS	SCT	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	FWS	SCT	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	WS	W	SCT	ISOL	ISOL	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	WS	WS	FWS	ISOL	SCT	ISOL	ISOL
17	WEST RAJASTHAN	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
21	GUJRAT REGION	SCT	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	DRY	DRY
29	TELANGANA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	ISOL	ISOL	ISOL	ISOL	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 07th April to 10th April 2026**Past Weather:**

There has been rise in minimum temperatures up to 1-2°C and rise in maximum temperatures up to 1-2°C during the past 24 hours over Delhi. The maximum temperatures were in the range of 32-34°C and the minimum temperatures were in the range of 17-20°C respectively during the past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) at remaining places over Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at few 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 41 kmph from southeast direction prevailed during the past 24 hours. Generally cloudy sky. A spell of very light to light rain accompanied by thunderstorm/Lightning and winds 30-40 kmph gusting to 50 kmph with surface wind speed reaching up to 25 kmph from the southeast direction prevailed over the region in the forenoon today.

Weather Forecast:

07.04.2026: Generally cloudy sky. One or two spells of very light to light rain accompanied by thunderstorms/lightning and gusty winds 30-40 kmph gusting to 50 kmph during the afternoon. Another spell of very light to light rain accompanied by thunderstorms/lightning and gusty winds 30-40 kmph gusting to 50 kmph during the evening to night. The maximum temperatures over Delhi are likely to be in the range of 28°C to 30°C. The maximum temperatures will be below normal (-1.6 to -3.0°C) at isolated places and appreciably below normal (-3.1 to -5.0°C) over the remaining parts of Delhi. The predominant surface wind is likely to be from the south direction with surface wind speed reaching up to 22 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 20 kmph from the northeast direction during evening and night.

08.04.2026: Generally cloudy sky. A spell of very light to light rain accompanied by thunderstorm/lightning and gusty winds at a speed of 30-40 kmph during morning to forenoon. Another spell of very light to light rain accompanied by thunderstorms/lightning and gusty winds 30-40 kmph gusting to 50 kmph during the afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 27°C to 29°C and 16°C to 18°C, respectively. The minimum temperature will be below normal (-1.5 to -3.0°C) at isolated places and appreciably below normal (-3.1 to -5.0°C) over the remaining parts, and the maximum temperature will be markedly above normal (-5.1°C and above) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind speed reaching up to 22 kmph during the morning hours. The wind speed will decrease becoming less than 16 kmph from northeast direction during the afternoon. The wind speed gradually decreases, becoming less than 14 kmph from the northeast direction during the evening and night.

09.04.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°C and 16°C to 18°C, respectively. The minimum temperature will be below normal (-1.5 to -3.0°C) at isolated places and appreciably below normal (-3.1 to -5.0°C) over the remaining parts, 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 northwest direction with wind reaching up to 10 kmph during the morning hours. The wind speed will increase up to 15 kmph from the northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 14 kmph from the northwest direction during evening and night.

10.04.2026: Mainly clear sky. Strong surface wind speed 20-30 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 17°C to 19°C, respectively. The minimum temperature will be below normal (-1.5 to -3.0°C), and the maximum temperature will be below normal (-1.5 to -3.0°C) over Delhi. The predominant surface wind is likely to be from a northwest direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase, becoming more than 25 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 15 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 – 50 kmph) temporarily reaching 60 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

- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Rajasthan, Gangetic West Bengal & Odisha on 07th; Bihar, Sub-Himalayan West Bengal & Sikkim on 08th; Jharkhand on 07th & 08th April.
- ❖ **Isolated hailstorm activity** likely over Jammu-Kashmir, Rajasthan, West Bengal, Sikkim & Odisha on 7th; Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, Himachal Pradesh, Uttarakhand, Jharkhand on 07th & 08th, East Uttar Pradesh, Bihar, Madhya Pradesh & Chhattisgarh on 08th 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 Kashmir Valley on 07th; Arunachal Pradesh on 07th, 09th & 12th; Himachal Pradesh, Gangetic West Bengal on 08th; Assam & Meghalaya on 08th & 09th; Odisha on 07th & 08th 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 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

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **West Bengal, Odisha, Jharkhand, Bihar, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, West Uttar Pradesh, Rajasthan, Madhya Pradesh and Chhattisgarh.**
- Undertake harvesting of matured crops, fruits and vegetables 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. Drain out excess rainwater from the standing crops. Provide staking to the pea vines for better crop stand against strong winds.
- In **Himachal Pradesh**, make necessary arrangements to drain excess rainwater from the fields of wheat, mustard, garlic, fruit orchards and vegetables. Keep the harvested produce to safe places and provide staking/support to plants.
- In **Arunachal Pradesh**, ensure proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards. Harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places.
- In **Assam**, make necessary arrangements to remove excess rainwater from the crop fields.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and cover the young vegetable seedlings.
- In **West Bengal**, harvest matured crops and vegetables immediately and store them in a dry, safe place to prevent damage. Make necessary arrangements to remove excess rainwater from the crop and vegetable fields.
- In **Odisha**, keep the harvested produce of green gram, black gram, mustard, groundnut and black pepper in the safe places. Drain out excess rainwater from the standing crops, vegetables and fruit orchards.

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 minimize 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

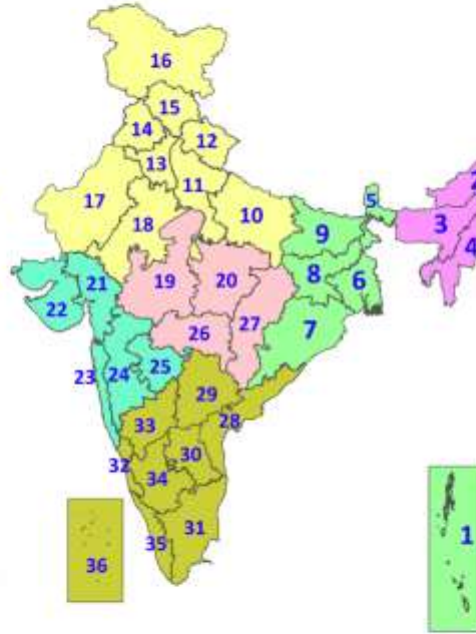
- Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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 62-87 kmph</p> <p>Very Severe: Wind speed >87 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 62-87 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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