



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 08th May 2026
Time of Issue: 1330 hours IST

Subject: (i) A fresh spell of isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) likely over northwest India during 11th -14th May, 2026.
(ii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and isolated heavy rainfall likely over Kerala, Tamil Nadu, Puducherry & Karaikal for next 7 days.
(iii) Heat wave conditions at isolated places likely over West Rajasthan and Gujarat state during next 7 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 08th May, 2026:

- ❖ **Heavy to very heavy rainfall (11-20 cm)** has been recorded at isolated places over Tamil Nadu, Puducherry & Karaikal and **Heavy rainfall (7-11)** has been recorded at isolated places over Kerala & Mahe.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-80 kmph** prevailed at isolated places over Madhya Pradesh, Himachal Pradesh, Konkan & Goa, Madhya Maharashtra, Gujarat State, Assam & Meghalaya, Gangetic West Bengal, Odisha, Jharkhand, Bihar **with speed reaching 30-50 kmph** prevailed at isolated places over Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Marathwada, Uttar Pradesh, Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Marathwada.
- ❖ **Hailstorm** reported over Madhya Pradesh, Vidarbha, East Rajasthan, Madhya Maharashtra.

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

- ❖ **Maximum/day temperatures** were in the range of 40°C and above over many parts of West Rajasthan, Gujarat state, some parts of Madhya Pradesh, East Rajasthan, Vidarbha, isolated places of Marathwada, Rayalaseema, Telangana; they were in the range of 36 -40°C over remaining parts of the country except over entire Western Himalayan region & adjoining plains, Indo-Gangetic plains, north & northeast India and many parts of east India where they are below 36°C. **The highest maximum temperature of 45.1°C was reported at Jaisalmer (Rajasthan).**
- ❖ **Maximum/day temperatures** were markedly below normal (< -5.1°C) at few places over Uttar Pradesh and adjoining parts of Bihar; appreciably below normal (-3.0°C to -5.0°C) at many places over Uttar Pradesh and Bihar; at few places over Haryana, Chandigarh & Delhi, Punjab and Uttarakhand; below normal (-1.6°C to -3.0°C) at many places over Jharkhand, Gangetic West Bengal and Odisha; at few places over Madhya Pradesh, Chhattisgarh and adjoining east-central parts of the country. They were appreciably above normal (3.1°C to 5.0°C) at few places over Jammu-Kashmir-Ladakh and Gujarat Region; at isolated places over Himachal Pradesh, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa and Assam & Meghalaya; above normal (1.6°C to 3.0°C) at few places over Arunachal Pradesh, South Interior Karnataka; at isolated places over Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Madhya Maharashtra and Coastal Andhra Pradesh. Maximum temperatures were near normal (-1.5°C to 1.5°C) over most parts of peninsular India and over several parts of northeast, western and central India.
- ❖ **Minimum/night temperatures** were in the range of 13-19°C over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Bihar, Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Manipur and 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 above normal (1.6 to 3.0°C) over Jammu-Kashmir, Assam, Odisha, East Madhya Pradesh, coastal Maharashtra, Gujarat Region, South Interior Karnataka 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 northwest Uttar Pradesh and adjoining Uttarakhand in middle tropospheric levels.
- ❖ The **upper air cyclonic circulation** over central Pakistan & adjoining Punjab and Rajasthan in lower tropospheric levels.
- ❖ A **trough** runs from above upper air cyclonic circulation over central Pakistan & adjoining Punjab and Rajasthan to northwest Bangladesh in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Comorin area & neighbourhood in lower tropospheric level.
- ❖ The **trough/Wind** discontinuity runs from upper air cyclonic circulation over Comorin area & neighbourhood to southwest Madhya Pradesh across Vidarbha, Marathwada, Interior Karnataka, Rayalaseema and Tamil Nadu in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over southwest Uttar Pradesh & neighbourhood in lower tropospheric levels.
- ❖ The **trough** runs from the above upper air cyclonic circulation over southwest Uttar Pradesh & neighbourhood to north interior Odisha in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over south Andaman Sea & neighbourhood in lower tropospheric levels.
- ❖ A **fresh Western Disturbance** is likely to affect Western Himalayan Region from 10th May, 2026.

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

Northwest India:

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Uttarakhand on 08th, West Uttar Pradesh and East Rajasthan on 08th; East Uttar Pradesh on 08th & 09th May.
- ❖ 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) likely over Himachal Pradesh on 11th, 13th & 14th; Uttarakhand during 11th -13th; Punjab, Haryana Chandigarh during 11th -14th; West Uttar Pradesh during 12th -14th and East Uttar Pradesh on 13th & 14th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Uttarakhand on 12th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Himachal Pradesh on 12th; Uttarakhand on 12th & 13th May.

Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-40 kmph)** likely over Assam & Meghalaya on 11th & 12th; Nagaland, Manipur, Mizoram & Tripura during 08th -10th with lightning over Arunachal Pradesh on 12th and Nagaland, Manipur, Mizoram & Tripura on 11th & 12th May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 13th & 14th; Assam & Meghalaya during 12th -14th May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Andaman & Nicobar Islands during 08th -13th; Sub-Himalayan West Bengal & Sikkim on 08th, 09th & 12th; Gangetic West Bengal on 10th May.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar during 10th -12th; Odisha during 08th -12th; Jharkhand during 10th -14th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal, Jharkhand and Bihar on 08th & 09th May.
- ❖ **Isolated Hailstorm activity** likely over Gangetic West Bengal on 08th and Jharkhand on 08th & 09th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh on 09th; Vidarbha on 10th and Chhattisgarh on 08th and during 10th -12th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Madhya Pradesh on 08th; Vidarbha on 08th & 09th and Chhattisgarh on 09th May.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh on 08th May.

West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Maharashtra for next 2 days.

South Peninsular India:

- ❖ **Scattered to fairly widespread thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep, during 08th -12th; **isolated to scattered thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Coastal Andhra Pradesh & Yanam during 08th -12th; Rayalaseema, Telangana and South Interior Karnataka during 08th -10th; North Interior Karnataka during 08th -11th and Coastal Karnataka on 08th & 09th May.
- ❖ **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days and over Lakshadweep on 09th & 10th and South Interior Karnataka on 08th & 09th May.

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 3-5°C likely over Northwest India till 12th May and no significant change on 13th & 14th May.
- ❖ No significant change in maximum temperatures likely over Central India till 08th May and gradual rise by 2-4°C during 09th -14th May.
- ❖ No significant change in maximum temperatures likely over East India till 10th May and gradual rise by 2-3°C during 11th -14th May.
- ❖ Gradual rise in maximum temperatures by 3-5°C likely over Northeast India till 09th and no significant change during 11th -14th May.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over West India till 10th May and no significant change during 11th -14th May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 12th May 2026.

Heat Wave, Hot & Humid weather conditions warning:

- ❖ **Heat wave conditions** likely to prevail in isolated pockets over Saurashtra & Kutch and West Rajasthan during next 7 days; Gujarat Region during 09th -14th May.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Konkan & Goa during 08th -10th May 2026.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 08th May to 13th May, 2026:

- ❖ **Bay of Bengal:** No warning.
- ❖ **Arabian Sea:** Along and off Kerala Coast & over many parts of Lakshadweep Area, adjoining parts of eastcentral Arabian Sea and Comorin Area on 09th and 10th May.

Weather conditions and forecast over Delhi/NCR during 08th -11th 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):

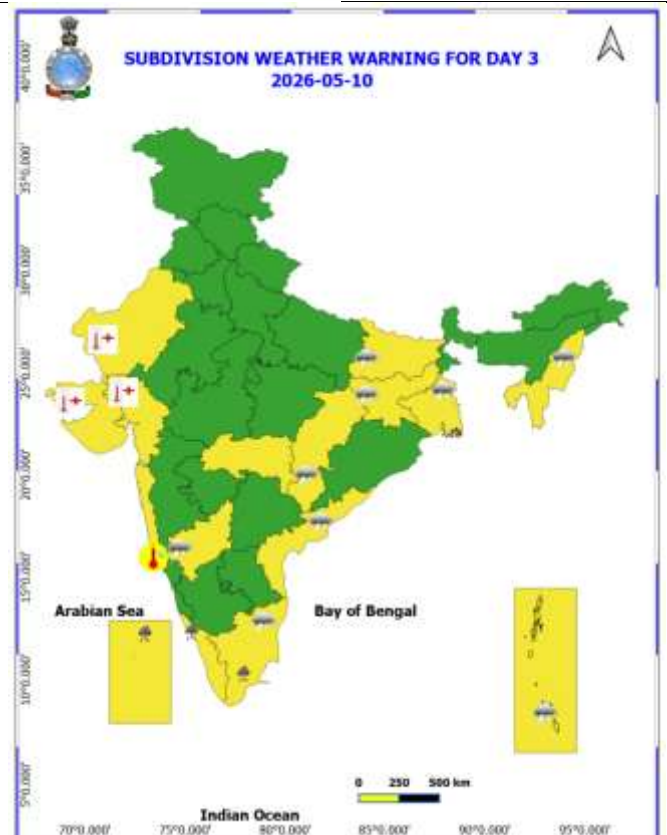
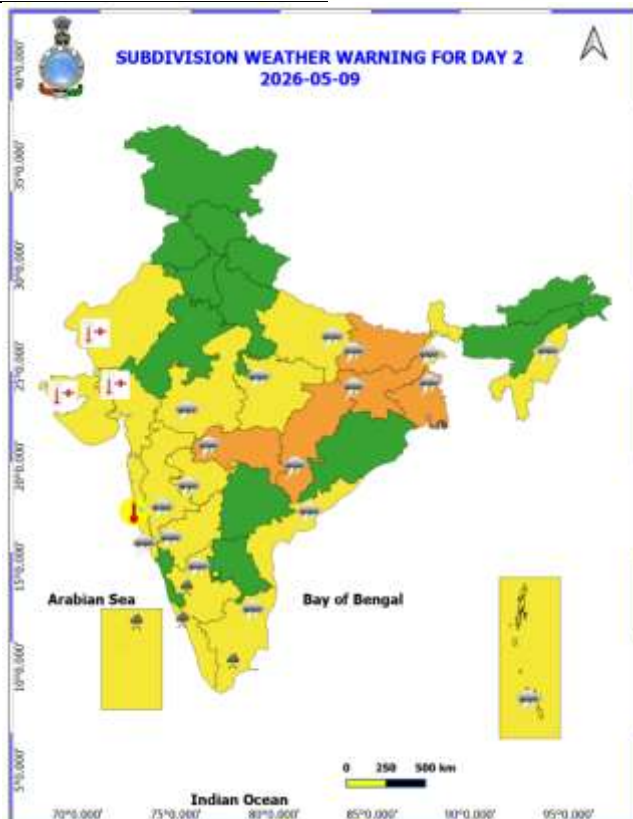
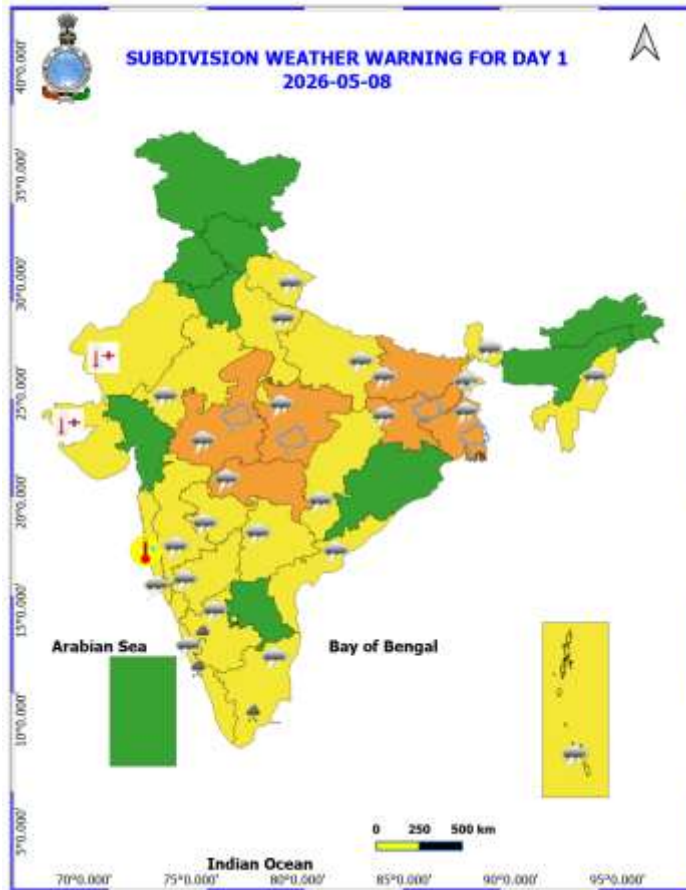
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Kulithalai ARG (dist Karur) 14, Kulithalai (dist Karur) 10, R.S.Mangalam (dist Ramanathapuram) 9, Illayangudi (dist Sivagangai), Sivagangai PWD TB (dist Sivagangai), DSCL Virugavoor (dist Kallakurichi) 8 each, Manjalar (dist Theni), Thogamalai (dist Karur), Palani ARG (dist Dindigul), Nilakottai ARG (dist Dindigul) 7 each
- ❖ Kerala & Mahe: Thodupuzha (dist Idukki) 9

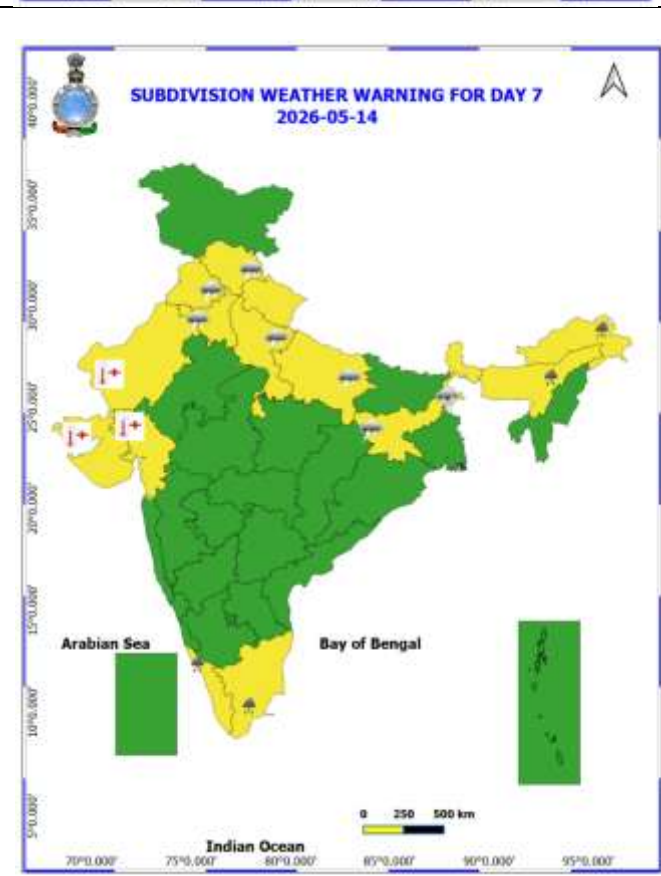
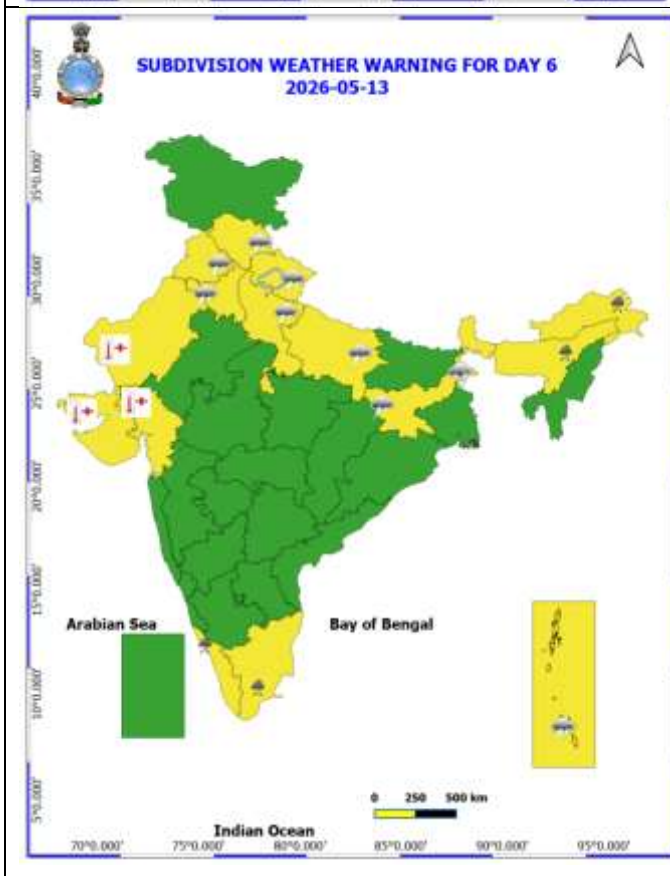
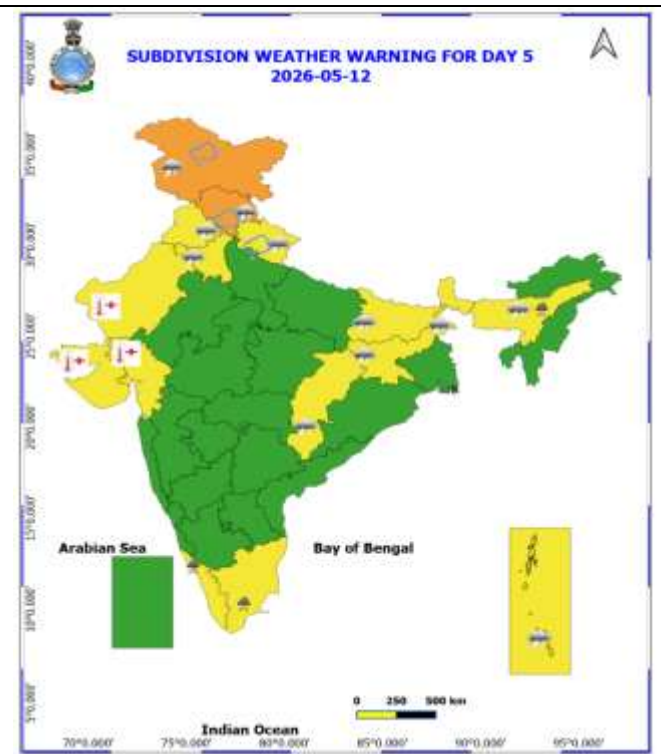
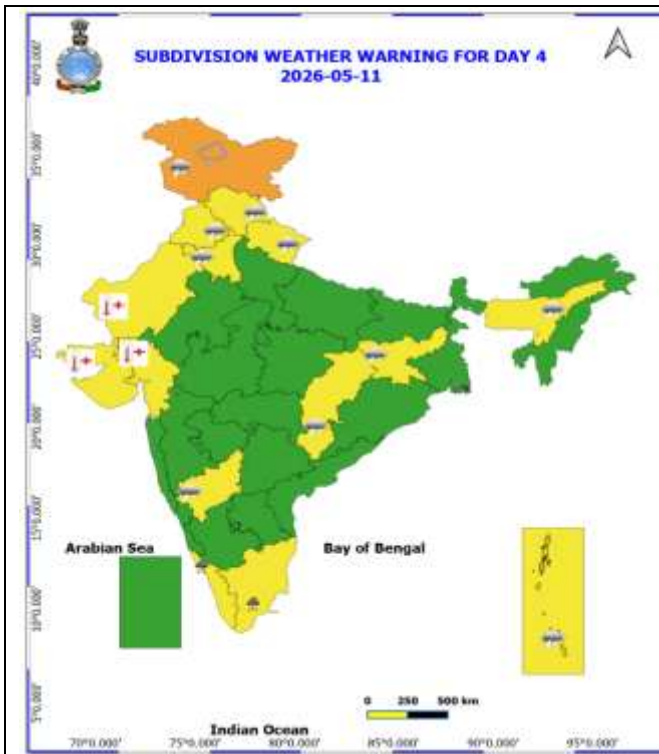
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Madhya Pradesh:** Sagar 80, Ashoknagar 67
- ❖ **Bihar:** Nalanda 68
- ❖ **Assam & Meghalaya:** Manas 61, Jowai 28
- ❖ **Jharkhand:** Zrs Darsai (East Sighbhum) 61
- ❖ **Chhattisgarh:** Balrampur 61, Koriya 43, Bilaspur 35, Mungeli 33, Bemetara 31
- ❖ **Vidarbha:** Wardha 50
- ❖ **Himachal Pradesh:** Tabo 59
- ❖ **Maharashtra:** Karjat (Raigad) 50, Devgad (Sindhudurg) 39, Rajgurunagar (Pune) 50, Vilholi (Nashik) 50, Sangli 50, Tondapur (Hingoli) 48, Hingoli 46, Ambejogai (Beed) 41
- ❖ **Gujarat State:** Bharuch 54, Vyara (Tapi) 50
- ❖ **Gangetic West Bengal:** Dumdum 55
- ❖ **Odisha:** Balasore 57
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Chakpikarong 39, Imphal_Amfu 35, Adc Moreh 35, Aizawl 48
- ❖ **Uttarakhand:** Chamoli 33, Champawat 31, Pantnagar 30
- ❖ **Punjab:** Sangrur 44, Patiala & Mohali 41
- ❖ **Haryana:** Karnal 46; Panipat, Jind, Hisar & Rohtak 44, Bhiwani & Sonipat 41
- ❖ **Uttar Pradesh:** Mainpuri 43, Agra & Muzaffarnagar 41 Each, Varanasi (AP) 41
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Erode (Erode) 43, Perambalur 41, Msrf_Kannivadi (Dindigul) & Natham (Dindigul) 41 each

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	8- May	9- May	10- May	11- May	12- May	13- May	14- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	SCT
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	SCT	SCT	FWS	FWS
3	ASSAM & MEHGHALAYA	ISOL	ISOL	ISOL	SCT	FWS	W	W
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	ISOL	ISOL	SCT	SCT	SCT
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	FWS	SCT	ISOL	SCT	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	FWS	FWS	ISOL	ISOL	SCT	SCT
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	SCT	SCT	ISOL	ISOL	SCT	ISOL
9	BIHAR	SCT	FWS	ISOL	ISOL	ISOL	SCT	ISOL
10	EAST UTTAR PRADESH	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	DRY	DRY	DRY	ISOL	ISOL	ISOL
12	UTTARAKHAND	ISOL	ISOL	ISOL	SCT	FWS	FWS	SCT
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	DRY	DRY	SCT	FWS	FWS	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	ISOL	FWS	FWS	FWS	SCT
17	WEST RAJASTHAN	DRY	DRY	ISOL	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
25	MARATHWADA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
35	KERALA AND MAHE	FWS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	FWS	FWS	FWS	FWS	FWS	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 08th May to 11th May 2026

Past Weather:

There has been a fall in maximum temperatures by 2-3°C and a fall in minimum temperatures by 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 20-23°C, respectively, over the past 24 hours in Delhi. The minimum temperatures are markedly below normal (-5.1°C or less) to appreciably below normal (-3.1°C to -5.0°C) at isolated places and below normal (-1.6°C to -3.0°C) at many places over Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at most places over Delhi. Mainly clear sky with surface wind speeds up to 20 kmph gusting to 46 kmph from the southeast direction over Delhi during the past 24 hours. Mainly clear sky with surface wind speeds up to 25 kmph is likely to prevail from the southeast direction over the region in the forenoon today.

Weather Forecast:

08.05.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 33°C to 35°C. The maximum temperatures will be markedly below normal (-5.1°C or less) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will decrease up to 15 kmph from the southeast direction during the evening and night.

09.05.2026 Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 35°C to 37°C and 24°C to 26°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and maximum temperatures will be below normal (-1.5°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will become less than 10 kmph from the southeast direction during the afternoon. The wind speed will decrease up to 15 kmph from the northeast direction during the evening and night.

10.05.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 25°C to 27°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and 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 wind reaching up to 20 kmph during the morning hours. The surface wind speed will be up to 10 kmph from the southeast direction during the afternoon. The wind speed will increase up to 20 kmph from the southeast direction during the evening and night.

11.05.2026: Partly cloudy sky with possibility of very light to light rainfall accompanied by thunderstorm/lightning with wind speed of 30-40 kmph gusting to 50 kmph towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 26°C to 28°C, respectively. The minimum temperature will be below normal (-1.5°C to -3.0°C) at most places, and the maximum temperature will be near normal (-1.5°C to 1.5°C) 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 be up to 10 kmph from the southeast direction during the afternoon. The surface wind speed will increase becoming less than 20 kmph from the southeast direction during evening and night.

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

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Uttarakhand on 12th; over Gangetic West Bengal, Jharkhand and Bihar on 08th & 09th; over Madhya Pradesh on 08th; Vidarbha on 08th & 09th and Chhattisgarh on 09th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Himachal Pradesh on 12th; Uttarakhand on 12th & 13th; over Gangetic West Bengal on 08th and Jharkhand on 08th & 09th; over Madhya Pradesh on 08th 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 Arunachal Pradesh on 13th & 14th; Assam & Meghalaya during 12th -14th; over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days and over Lakshadweep on 09th & 10th and South Interior Karnataka on 08th & 09th 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.

Impact expected and action suggested due to Heat wave conditions

- ❖ **Heat wave conditions** likely to prevail in isolated pockets over Saurashtra & Kutch and West Rajasthan during next 7 days; Gujarat Region during 09th -14th May.

Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure- keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.

- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

➤

Agromet advisories for likely impact of Hailstorms

- In **Gangetic West Bengal, Bihar and Jharkhand**, 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 **West Bengal & Sikkim**, ensure proper field drainage to avoid waterlogging in fields especially ginger, tomato and Dalle khorsani fields. Maintain proper drainage channels in maize, bitter gourd & jute field. Keep the harvested maize produce to safe places.
- In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Gujarat**, apply light and frequent irrigation to cluster bean and vegetables like cucumber, ridge gourd, bottle gourd, sponge gourd, bitter gourd etc. during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.
- In **Rajasthan**, provide light irrigation to maintain adequate moisture in standing crops such as *Zaid* moong, American cotton & *Desi* cotton, okra, watermelon, muskmelon, tinda, cucumber & long melon.

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.

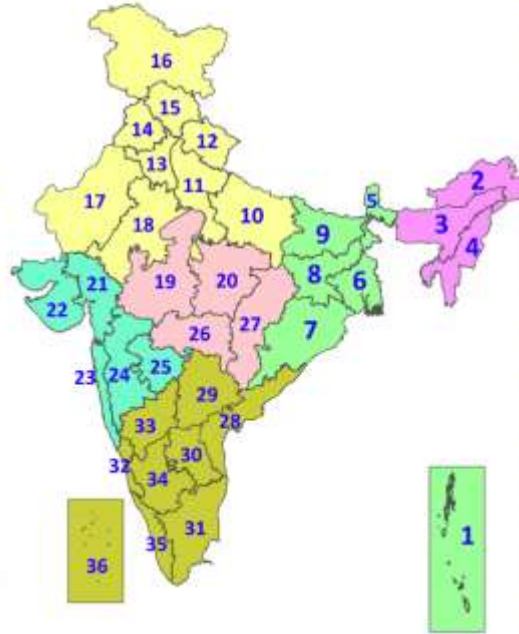
Legends & abbreviations:

- ❖ **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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