



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 25th April 2026
Time of Issue: 1330 hours IST

Subject:(i) Heat wave conditions likely over northwest & central India during next 3 days and abate thereafter.

(ii) Fairly widespread to widespread rainfall along with thunderstorm & lightning and gusty winds (40-50 kmph) likely over Sub-Himalayan West Bengal & Sikkim and northeast India during the week. Isolated heavy to very heavy rainfall is also likely over Sub Himalayan West Bengal & Sikkim and northeast India during the week.

(iii) Thunderstorm activity also likely over East India during next one week; Northwest India during 28 April- 01May; central India during 27-29 April and South Peninsular India during 28-30 April.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 25th April, 2026:

- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Sub-Himalayan West Bengal & Sikkim and Assam.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 30-70 kmph** prevailed at isolated places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Jammu-Kashmir, Punjab, Haryana, Madhya Pradesh, Maharashtra, Gujarat, Uttarakhand.
- ❖ **Heat Wave to Severe Heat Wave conditions** prevailed over isolated places over Himachal Pradesh; **heat wave conditions** at a few places over Haryana, Chandigarh & Delhi, West Uttar Pradesh and **heat wave conditions** at isolated places over Jammu-Kashmir, Punjab, East Uttar Pradesh and north Rajasthan.
- ❖ **Severe Warm night conditions** reported over Haryana and warm night conditions prevailed over Rajasthan.
- ❖ **Hailstorm reported over** Uttarakhand and North Interior Karnataka.

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

- ❖ **Maximum/day temperatures** were in the range of 40-45°C over most parts of the country except western Himalayan region, northeast India adjoining east India and West Coast. **The highest maximum temperature of 45.2°C was reported at Prayagraj (Uttar Pradesh).**
- ❖ **Maximum/day temperatures were markedly above normal (> 5.1°C)** at many places over Jammu-Kashmir; at most places over Arunachal Pradesh and Himachal Pradesh; at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, Konkan & Goa and Chhattisgarh. **appreciably above normal (3.1°C to 5.0°C)** at many places over Uttarakhand; at most places over West Rajasthan; at few places over Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, Gujarat region and Vidarbha; at isolated places over Jharkhand, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal (1.6°C to 3.0°C)** at many places over Rayalaseema and South Interior Karnataka; at most places over Nagaland, Manipur, Mizoram & Tripura; at few places over interior Maharashtra, Telangana, North Interior Karnataka and Lakshadweep; at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh & Yanam. **Near normal (-1.5°C to 1.5°C)** at most places over Coastal Karnataka.
- ❖ **Minimum/night temperatures were in the range of 13-19°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Manipur, Nagaland and Tamil Nadu, Puducherry & Karaikal. They were in the range of **20-26°C** over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 20.5 °C was observed at Najibabad (West Uttar Pradesh) 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, Haryana, Rajasthan, Uttar Pradesh, Bihar, West Bengal & Sikkim, Marathawada, Madhya Maharashtra; above normal (1.6 to 3.0°C) over Madhya Pradesh, Kerala & Mahe, Assam &

Meghalaya, Mizoram, Nagaland, Gangetic West Bengal; below normal (-3.0°C to -1.6°C) over Chhattisgarh, Odisha and near normal over rest parts of the country.

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

- ❖ The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 70°E to the north of Lat. 32°N.
- ❖ A **trough** runs from northern parts of central Uttar Pradesh to southwest Rajasthan adjoining Pakistan across East Rajasthan in lower tropospheric levels.
- ❖ The **trough/ wind discontinuity** runs from North Interior Karnataka to Comorin area across South Interior Karnataka and Tamil Nadu in lower tropospheric levels.
- ❖ An **Anti-cyclonic circulation** lies over interior Maharashtra & neighbourhood in lower & middle tropospheric levels.
- ❖ A **trough** in westerlies at 1.5 km above mean sea level runs roughly along Long. 93°E to the north of Lat. 22°N.

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

Northwest India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 25th -28th; isolated to scattered over Himachal Pradesh during 28th - 30th and Uttarakhand on 25th, 26th & during 28th - 30th April.
- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab and Haryana, Chandigarh during 27th -30th; west Uttar Pradesh during 28th -30th; East Uttar Pradesh during 28th April -01st May and Rajasthan during 27th -29th April.

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-40 kmph)** likely over Arunachal Pradesh during 25th -28th; Assam & Meghalaya during 27th April - 01st May; Nagaland, Manipur, Mizoram & Tripura during 25th -29th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 25th & 26th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 25th; 26th & 29th; Assam & Meghalaya on 25th & 26th; Nagaland, Manipur, Mizoram & Tripura during 27th -30th; with isolated **very heavy rainfall** likely over Arunachal Pradesh during 27th, 28th 30th April & 01st May and Assam & Meghalaya during 27th April-01st May.

East India:

- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over West Bengal & Sikkim, Bihar, Jharkhand, Odisha during 25th April- 01st May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 25th; Gangetic West Bengal and Jharkhand during 26th; Bihar on 26th & 27th; Jharkhand during 26th -28th April.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 25th April- 01st May.
- ❖ **Isolated Hailstorm activity** likely over Jharkhand on 26th & 27th April.

Central India:

- ❖ **Isolated light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Madhya Pradesh during 27th -29th; Chhattisgarh during 25th - 29th; Vidarbha on 28th & 29th April.

South Peninsular India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Rayalaseema and Coastal Andhra Pradesh & Yanam on 28th & 29th; Kerala & Mahe during 27th -29th; Telangana during 25th -29th; Interior Karnataka during 25th -29th with lightning over Coastal Karnataka during 25th -29th and Kerala & Mahe on 25th & 26th April.
- ❖ **Isolated Hailstorm activity** likely over North Interior Karnataka during 25th -27th April.

West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Madhya Maharashtra & Marathawada on 25th & 26th April.

Forecast of maximum/day temperatures:

- ❖ No significant change in maximum temperatures likely over Western Himalayan Region till 27th April and thereafter gradual fall by 2-3°C during 28th April- 01st May.
- ❖ No significant change in maximum temperatures likely over plains of Northwest India till 27th April and thereafter gradual fall by 2-4°C during 28th April- 01st May.
- ❖ No significant change in maximum temperatures likely over East India till 26th and gradual fall by 3-4°C during 27th April -01st May.
- ❖ Gradual fall in maximum temperatures by 3-6 °C likely over Northeast till 27th and thereafter no significant change during 28th April -01st May.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 25th and thereafter gradual fall by 2-4°C during 26th April-01st May.
- ❖ Gradual rise in maximum temperatures by 2-3 °C likely over Gujarat State till 26th April fall by 2-4 °C during 27th - April-01st May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, Hot & Humid weather and Warm night conditions warning:

- ❖ **Heat wave conditions** very likely in isolated pockets of Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttar Pradesh, Punjab Haryana Chandigarh & Delhi and central India during 25th -27th; Rajasthan on 25th & 26th; Bihar on 25th April.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Gangetic West Bengal on 25th; Odisha during 25th -27th; Tripura, Konkan & Goa, Gujarat State, Coastal Karnataka, Kerala & Mahe on 25th & 26th; Tamil Nadu, Puducherry & Karaikal during 25th -29th April.
- ❖ **Warm night conditions** very likely to prevail in isolated pockets over Punjab, Uttar Pradesh on 25th & 26th; Haryana, Chandigarh, Delhi during 25th -27th; Madhya Pradesh & Chhattisgarh on 27th & 28th April.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 24th April to 29th April, 2026:

- ❖ **Bay of Bengal:** Along and off North Odisha and West Bengal coasts & over isolated parts of northwest Bay of Bengal on 26th, 27th & 28th April.
- ❖ **Arabian Sea:** No warning.

Weather conditions and forecast over Delhi/NCR during 25th -28th 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/fishermenwarning.php>

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

- ❖ **Sub-Himalayan West Bengal & Sikkim:** MAJHERDABRI T. G. 7
- ❖ **Assam:** Tezpur 7

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

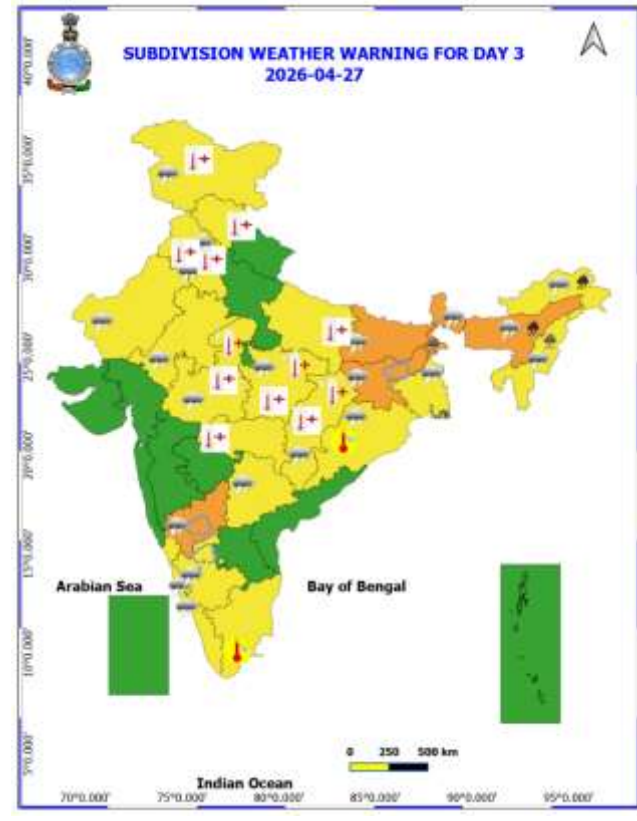
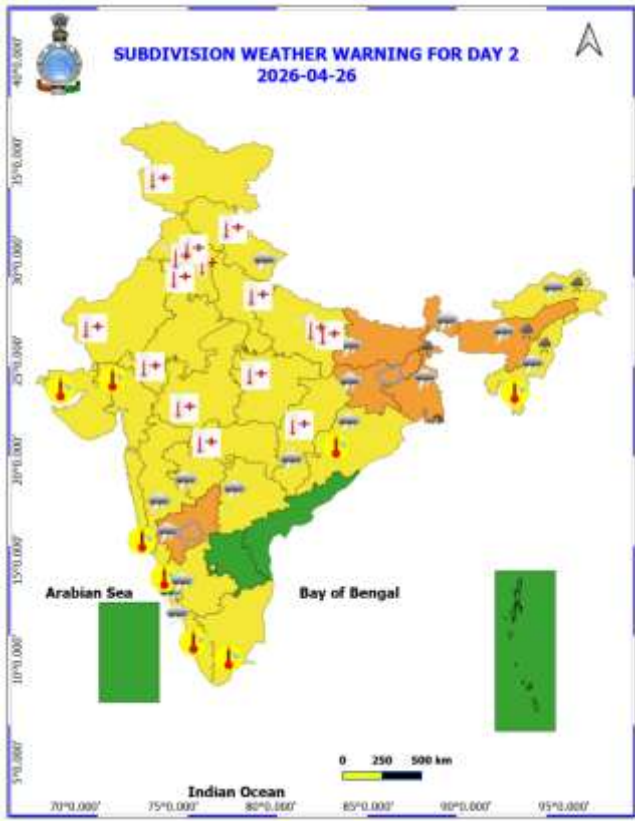
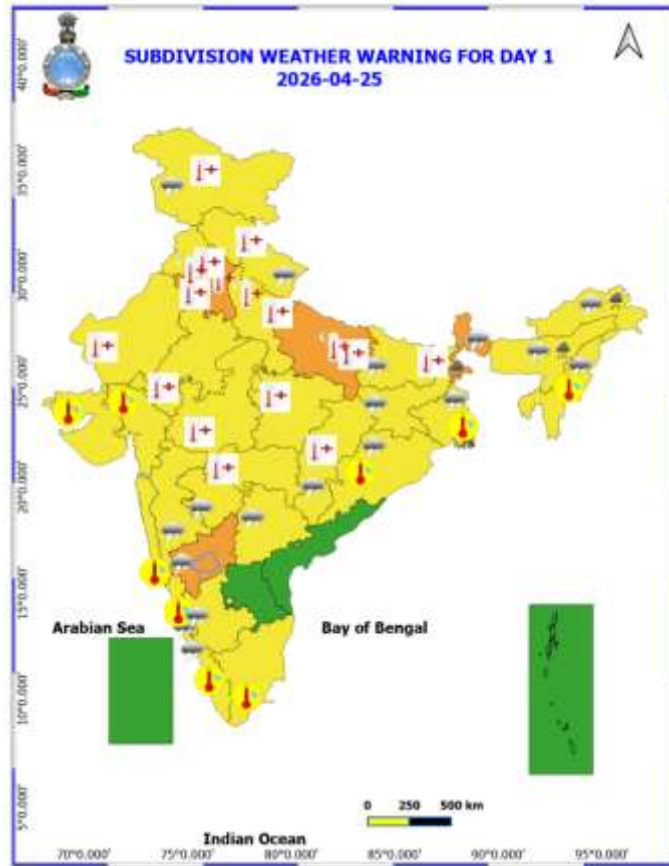
- ❖ **Assam & Meghalaya:** Mangaldai 70, Manas 56, Zrs_Shillongani 54, Kvk_Jorhat 46, Kvk_Darrang 44, Neriwalam 41, Biswanath_College_Of_Agriculture_Biswanath_Chariali 41, Cnb_Collage_Bokakhat 39, Kvk_Udalguri 39, Down_Town_University 35, Salakati_Aegcl 35
- ❖ **Madhya Maharashtra:** Niasm_Baramati (Pune) 65, Talegaon (Pune) 57, Rajgurunagar (Pune) 52
- ❖ **Gujarat Region:** ARS Arnej(Ahmedabad) 56
- ❖ **Marathawada:** Parbhani_AMFU (Parbhani) 48, Ambejogai (Beed) 46, Tulga (Dharashiv) 37
- ❖ **Saurashtra & Kutch:** Khavda(Kutch) 43
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Pundibari 41

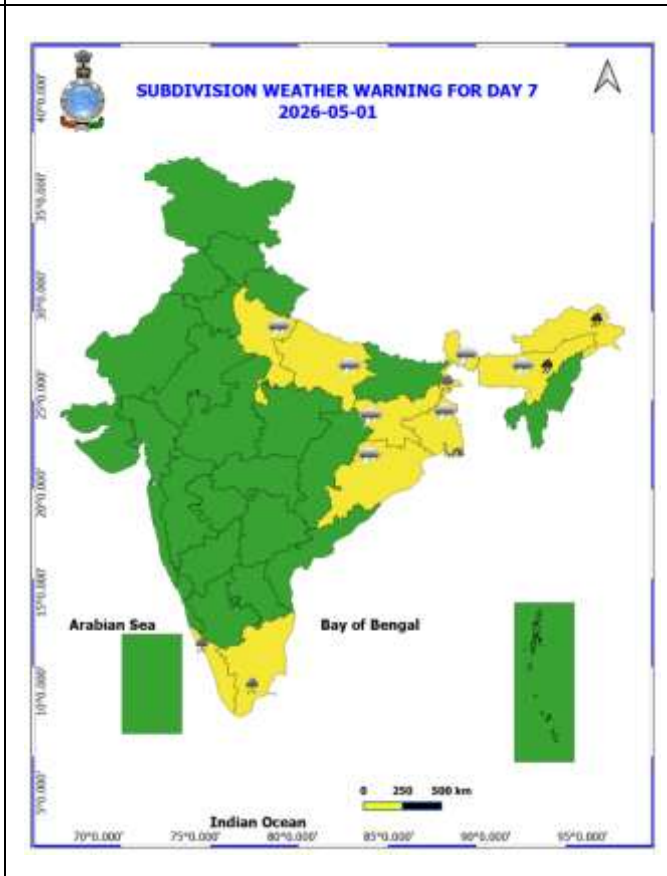
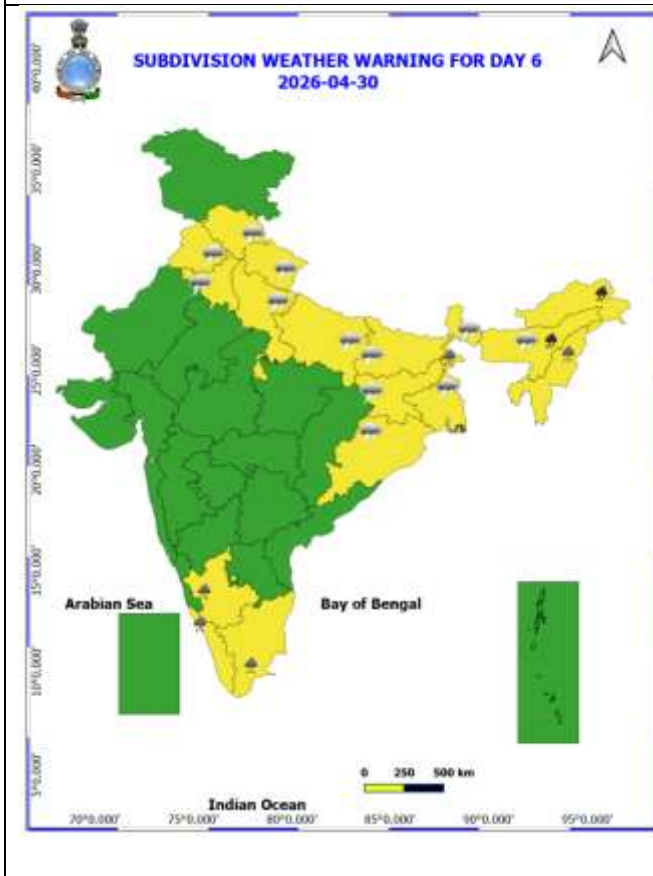
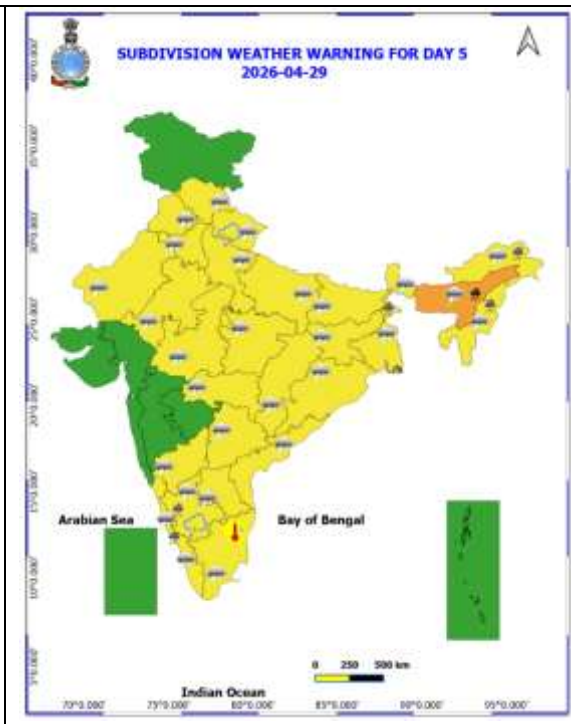
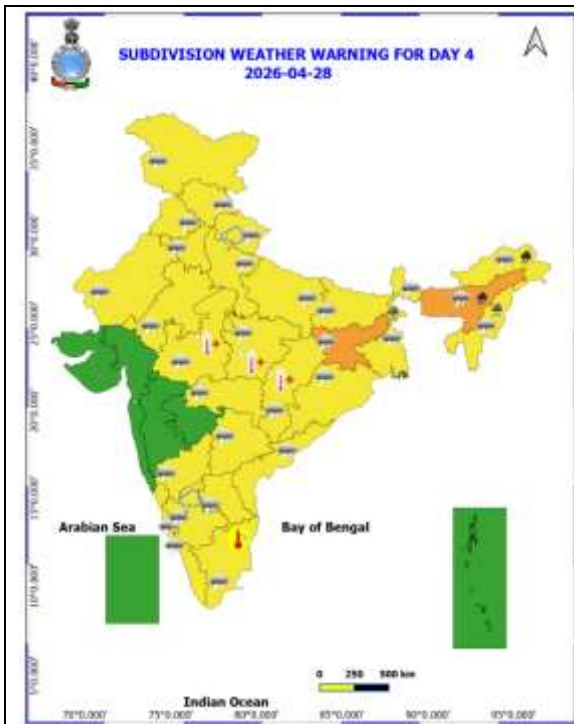
- ❖ **Jammu-Kashmir:** KUPWARA, GULMARG 39
- ❖ **Punjab:** SANGRUR 35
- ❖ **Haryana:** UCHANI (KARNAL) 33
- ❖ **West Madhya Pradesh:** Ujjain 43, Sehore 39, Indore 37, Dhar 35, Barwani 33, Vidhisha 31, Bhopal 31, Ashoknagar 31, Agar 30, Guna 30
- ❖ **East Madhya Pradesh:** Jabalpur 44, Sagar 39, Rewa 37, Satna 31
- ❖ **Konkan & Goa:** IIG_MO_alibag (Raigad) 30
- ❖ **Uttarakhand:** Pantnagar (AMFU) 30, Ranichawri 30

ANNEXURE I

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

- 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 25th April to 28th April 2026**Past Weather:**

There has been no large change in maximum temperatures and rise in minimum temperatures by 1-2°C during past 24 hours over Delhi. The maximum temperatures were in the range of 42- 43°C and the minimum temperatures are in the range 24-27°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably above normal (3.1°C to 5.0°C) at a few places and above normal (1.6°C to 3.0°C) over remaining parts of Delhi. The maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. Mainly clear sky with surface wind speeds up to 20 kmph from the west direction over Delhi during the past 24 hours. Mainly clear sky with surface wind speeds up to 16 kmph is likely to prevail from the west direction over the region in the forenoon today.

Weather Forecast:

25.04.2026: Partly cloudy sky. Heat wave conditions at a few places. Possibility of thundery development with a spell of very light rain towards afternoon/evening. Sustained surface winds speed reaching 15-25 kmph gusting to 35 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 42°C to 44°C. The maximum temperatures will be appreciably above normal (3.0°C to 5.1°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching upto 20 kmph during the afternoon hours. The surface wind speed will gradually decrease becoming less than 15 kmph from the northwest direction during evening and night.

26.04.2026: Partly cloudy sky. Heat wave conditions at isolated places. Sustained surface winds speed reaching 20- 30 kmph gusting to 40 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 41°C to 43°C and 25°C to 27°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places with appreciably above normal (3.0°C to 5.1°C) at isolated places, and maximum temperatures will be appreciably above normal (3.1°C to 5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching upto 15 kmph during the morning hours. The surface wind speed will be reaching upto 25 kmph from the northwest direction during the afternoon. The surface wind speed will decrease reaching upto 15 kmph from the northwest direction during evening and night.

27.04.2026: Partly cloudy sky. Possibility of thundery development with a spell of very light rain towards afternoon/evening. Sustained surface winds speed 30-40 kmph gusting to 50 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 41°C to 43°C and 25°C to 27°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places with appreciably above normal (3.0°C to 5.1°C) at isolated places, and maximum temperatures will be appreciably above normal (3.0°C to 5.1°C) at most places over Delhi. The predominant surface wind is likely to be from northwest direction with surface wind speed reaching upto 15 kmph during the morning hours. The surface wind speed will increase becoming more than 25 kmph from west direction during the afternoon. The surface wind speed will decrease becoming less than 15 kmph from the west direction during evening and night.

28.04.2026: Partly cloudy sky becoming generally cloudy sky. A spell of very light rain/ drizzle accompanied with thunderstorm/lightning/strong winds speed reaching 30- 40 gusting to 50 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 40°C to 42°C and 26°C to 28°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at many places, and the maximum temperature will be above normal (1.6°C to 3.0°C) at many places with appreciably above normal (3.1°C to 5.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the southwest direction with wind reaching upto 10 kmph during the morning hours. The surface wind speed will be increase becoming upto 15 kmph from southeast direction during the afternoon. The surface wind speed will decrease reaching upto 12 kmph from the northeast direction during evening and night.

Impact expected and action suggested due to heat wave conditions:

- **Warning:** Heat wave conditions are expected; however, temperatures are likely to remain above normal. There may be moderate health risks, particularly for vulnerable groups such as infants, the elderly, and individuals with chronic illnesses.
- **Advisory:** Avoid prolonged exposure to heat. Wear lightweight, light-colored, and loose cotton clothing. Cover your head using a cloth, hat, or umbrella when outdoors.

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 Assam & Meghalaya on 25th & 26th; over Sub-Himalayan West Bengal & Sikkim on 25th; Gangetic West Bengal and Jharkhand during 26th; Bihar on 26th & 27th; Jharkhand during 26th -28th April.
- ❖ Isolated **Hailstorm activity** likely over Jharkhand on 26th & 27th; over North Interior Karnataka during 25th -27th 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/very heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 25th; 26th & 29th; Assam & Meghalaya on 25th & 26th; Nagaland, Manipur, Mizoram & Tripura during 27th -30th; over Sub-Himalayan West Bengal & Sikkim during 25th April- 01st May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 27th, 28th 30th April & 01st May and Assam & Meghalaya during 27th April-01st 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 very likely in isolated pockets of Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttar Pradesh, Punjab Haryana Chandigarh & Delhi and central India during 25th -27th; Rajasthan on 25th & 26th; Bihar on 25th April.

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 **Sub-Himalayan West Bengal, Jharkhand** and **Interior Karnataka**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, shift the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards.
- In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse. Use plastic sheets or temporary nets to cover sensitive nursery beds.
- **Meghalaya**- Postpone sowing of carrot, okra, French bean. Provide proper drainage in maize, ginger and tomato. Provide staking/bamboo support to prevent lodging.
- In **Sub-Himalayan West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and Dalle Khorsani fields. Protect the nurseries of cucurbits and Dalle Khorsani by covering them with polyethylene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Maharashtra** - In **Konkan**, irrigate green gram, vegetables, and newly planted areca nut and coconut. In **Vidarbha**, apply need-based light and frequent irrigation to summer green gram, groundnut, onion, sunflower, sesame, fodder crops, orchards, and vegetables during cooler hours. Use straw mulch in vegetable and orchard crops to reduce evaporation, and install shade nets for newly planted crops.
- **Gujarat** - Apply light and frequent irrigation to standing crops like cluster bean, cucumber, ridge gourd, bottle gourd, sponge gourd, and bitter gourd during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.
- **Odisha** - Provide light irrigation to paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- **Madhya Pradesh** - Apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.

- **Bihar** - Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.
- **Coastal Andhra Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- **Himachal Pradesh:** Apply need-based irrigation in wheat, mustard, horticulture and vegetable crops like tomato, capsicum, cabbage & cauliflower, French beans, cucumber, bitter gourd, bottle gourd etc.
- **Uttarakhand:** Provide irrigation to sunflower, fodder maize, tomato, brinjal, etc.
- **Punjab and Haryana** - Provide light irrigation to maintain adequate moisture in standing crops such as summer *moong*, cotton, vegetables, mango, guava & loquat.
- **Uttar Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as hybrid maize, Zaid black gram, green gram, vegetables, and sugarcane.
- **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.
- **Tamil Nadu** - Provide irrigation and mulching to reduce the evapotranspiration in sugarcane, cotton, banana and chilli.
- **Kerala** - Apply irrigation to banana plants and coconut palms. Ensure that there is enough moisture in the soil.
- **Gangetic West Bengal** - apply light irrigation to summer crops and vegetables to maintain soil moisture.
- Apply mulching to conserve soil moisture in the standing crops.

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 heavy rainfall 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 excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.

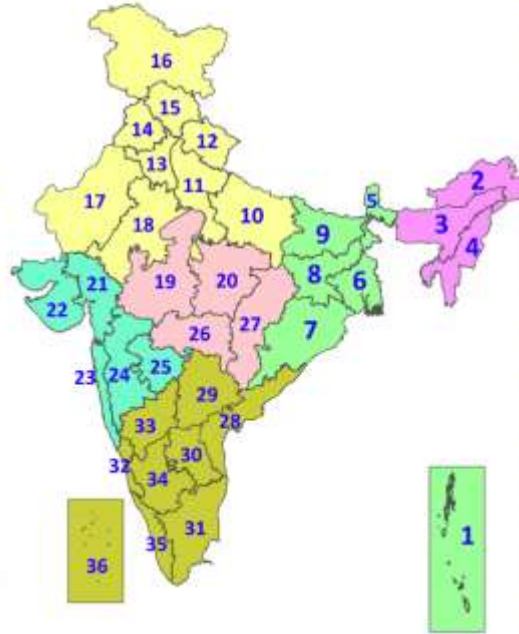
Legends & abbreviations:

- ❖ **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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