



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 04th May 2026
Time of Issue: 1315 hours IST

Subject: (i) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and hailstorm likely over Northwest, central and East India during 04th-05th May, 2026.

(ii) Fairly widespread to widespread rainfall along with thunderstorm, lightning and gusty winds (40-60 kmph) with heavy rainfall likely over Sub Himalayan West Bengal & Sikkim and northeast India on 04th & 05th May.

(iii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and isolated heavy rainfall likely Tamil Nadu, Puducherry & Karaikal for next 5 days.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 04th May, 2026:

- ❖ **Heavy to very heavy rainfall (11-20 cm)** has been recorded at isolated places over West Uttar Pradesh.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Uttarakhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam and Tripura.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-90 kmph** prevailed at isolated places over Tripura, Uttarakhand, Uttar Pradesh, Madhya Pradesh, Gujarat State, Odisha, Jharkhand, Punjab, Haryana Chandigarh & Delhi, Assam; **with speed reaching 30-50 kmph** prevailed at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Bihar, Himachal Pradesh, Maharashtra, Jammu-Kashmir, Arunachal Pradesh.
- ❖ **Hailstorm** reported over Madhya Pradesh, West Uttar Pradesh, Haryana, Jharkhand, Uttarakhand and Telangana.
- ❖ **Duststorm** reported over Rajasthan and West Uttar Pradesh.

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

- ❖ **Maximum/day temperatures** were in the range of 40°C and above over most parts of the Vidarbha, Telangana, Marathwada; at a few places over Coastal Andhra Pradesh & Yanam, Rayalaseema, Madhya Maharashtra, Gujarat region, isolated pockets of Rajasthan, Saurashtra & Kutch, Madhya Pradesh, north Tamilnadu, North Interior Karnataka; they are in the range of 36 -40°C remaining parts of the country except over east Uttar Pradesh, Bihar, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, entire north East India and Western Himalayan region, where they are below 36°C. **The highest maximum temperature of 45.3°C was reported at Adilabad (Telangana).**
- ❖ **Maximum/day temperatures** were markedly above normal (> 5.1°C) at isolated places over East Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal. appreciably above normal (3.1°C to 5.0°C) at few places over Coastal Andhra Pradesh & Yanam; at isolated places over West Uttar Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Madhya Pradesh, Konkan & Goa, Telangana, North Interior Karnataka and Kerala & Mahe. above normal (1.6°C to 3.0°C) at many places over Rayalaseema; at few places over Gujarat Region and Coastal Karnataka; at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Gangetic West Bengal, West Rajasthan and Saurashtra & Kutch and near normal over remaining parts of the country.
- ❖ **Minimum/night temperatures** were in the range of 13–19°C over Jammu-Kashmir, Himachal Pradesh, Uttar Pradesh, Punjab, Haryana Chandigarh & Delhi, Sikkim, Assam & Meghalaya, Manipur, Mizoram, Tamil Nadu, Puducherry & Karaikal. They were in the range of 20–26°C over remaining parts of the plains of the country.
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Saurashtra & Kutch; above normal (1.6 to 3.0°C) over Rajasthan, Gujarat State, Madhya Pradesh, Odisha, Chhattisgarh, Tamil Nadu, Puducherry & Karaikal and below normal or near normal over rest parts of the country.

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

- ❖ The **Western Disturbance** as a trough in middle and upper tropospheric westerlies with its axis in middle tropospheric level roughly along Long. 72°E to the north of Lat. 28°N persists.
- ❖ An **upper air cyclonic circulation** lies over Haryana & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over East Madhya Pradesh & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over interior Odisha & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from south Chhattisgarh to Manipur across the cyclonic circulation over interior Odisha & neighbourhood, Gangetic West Bengal and Meghalaya in lower tropospheric level.
- ❖ The **north-south** trough runs from Vidarbha to Comorin Area across Telangana, Rayalaseema and interior Tamil Nadu in lower tropospheric level.
- ❖ The **upper air cyclonic circulation** lies over northeast Bangladesh in lower tropospheric level.
- ❖ 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:

- ❖ **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 and Himachal Pradesh during 04th-06th May; and Uttarakhand during 04th-08th May.
- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Punjab, Haryana, Chandigarh & Delhi on 05th & 06th and on 10th and West Uttar Pradesh on 05th & 06th; East Uttar Pradesh on 06th & 07th; **isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over west Rajasthan during 04th-07th and East Rajasthan during 04th-08th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Punjab, Haryana Chandigarh & Delhi and West Uttar Pradesh on 04th and East Uttar Pradesh on 04th & 05th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan on 04th, East Uttar Pradesh on 03rd & 04th May.
- ❖ **Isolated heavy rainfall** likely over Uttarakhand and Uttar Pradesh on 04th May.

Northeast India:

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

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 05th-08th; Gangetic West Bengal during 06th-08th May.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar on 05th, 7th & 08th; Jharkhand during 06th-10th and Odisha during 06th-08th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 04th; Gangetic West Bengal, Jharkhand and Odisha on 04th & 05th; Bihar on 04th & 06th May.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 04th-06th; Gangetic West Bengal and Odisha on 04th and Bihar on 04th & 06th May.
- ❖ **Isolated Hailstorm activity** likely over Jharkhand and Odisha on 04th & 05th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh during 06th-08th; Vidarbha during 04th-07th and Chhattisgarh during 06th-08th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh and Madhya Pradesh on 04th & 05th May.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh and Chhattisgarh on 04th May.

South Peninsular India:

- ❖ **Isolated to scattered thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Tamil Nadu, Puducherry & Karaikal on 04th; Kerala & Mahe during 04th -08th; Coastal Andhra Pradesh & Yanam during 06th -08th; Telangana and South Interior Karnataka during 04th -08th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) likely over** Coastal Andhra Pradesh & Yanam on 04th & 05th May.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 5 days; Kerala & Mahe on 04th & 06th; Coastal Andhra Pradesh & Yanam on 04th & 05th; South Interior Karnataka on 06th & 07th May.
- ❖ Isolated **Hailstorm activity** likely over Telangana on 04th May.

Forecast of maximum/day temperatures:

- ❖ Gradual fall in maximum temperatures by 2-4°C likely over Northwest India till 04th and rise by 4-6°C during 05th -09th May.
- ❖ Gradual fall in maximum temperatures by 2-3°C likely over Central India till 06th and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 05th May; gradual rise by 2-3°C during 06th-08th May and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 09th May 2026.

Hot & Humid weather conditions warning:

- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Tamil Nadu, Puducherry & Karaikal on 04th; Coastal Andhra Pradesh & Yanam during 04th -06th; Rayalaseema on 04th & 05th; Gujarat Region on 09th & 10th; Konkan & Goa during 06th -08th May.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 04th May to 09th May, 2026:

- ❖ **Bay of Bengal:** Along and off Odisha, West Bengal Coasts and adjoining Bangladesh Coast & over some parts of northwest Bay of Bengal on 04th and 05th May.
- ❖ **Arabian Sea:** Along and off Gujrat Coast & adjoining parts of northeast Arabian Sea on 4th May.

Weather conditions and forecast over Delhi/NCR during 04th -07th 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):

- ❖ **West Uttar Pradesh:** Gunnaur (dist Sambhal) 13; Sahawar (dist Kasganj) 10; Kasganj (dist Kasganj) 6;
- ❖ **Coastal Andhra Pradesh & Yanam:** Amalapuram (dist B R Ambedkar Konaseema) 9; Racherla (dist Prakasam) 6;
- ❖ **Telangana:** Kusumanchi (dist Khammam) 7;
- ❖ **Sub Himalayan West Bengal & Sikkim:** Rongo (dist Kalimpong) 7;
- ❖ **Haryana:** Ndri Kvk AWS (dist Karnal) 6.

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

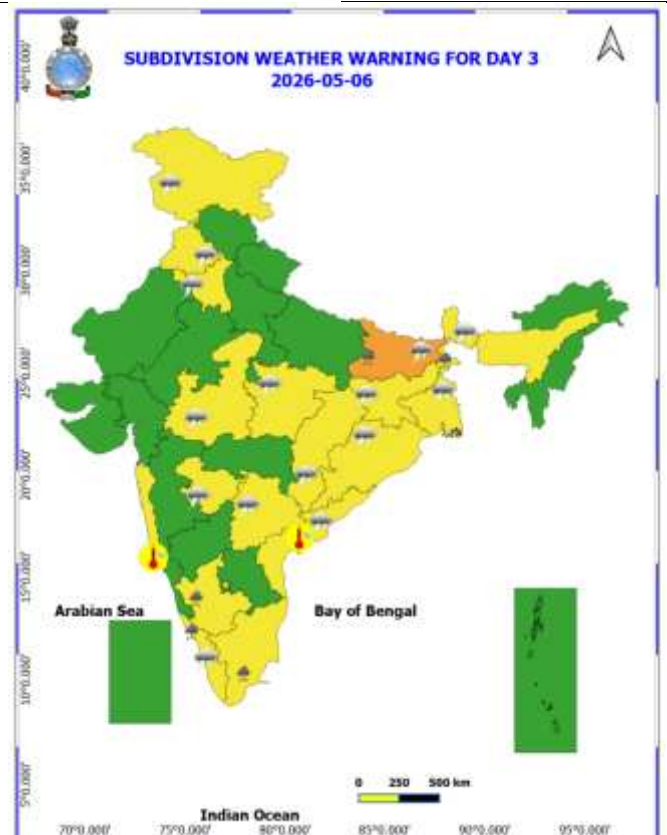
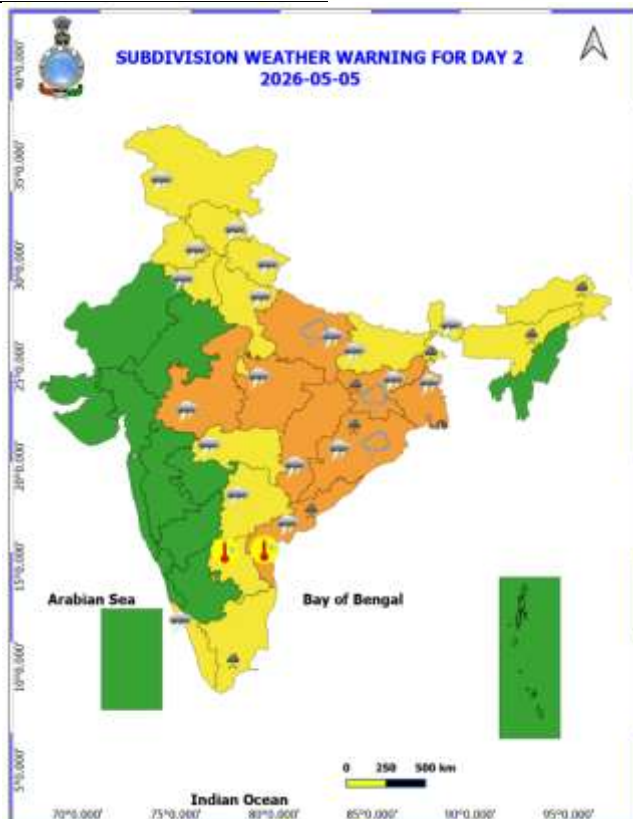
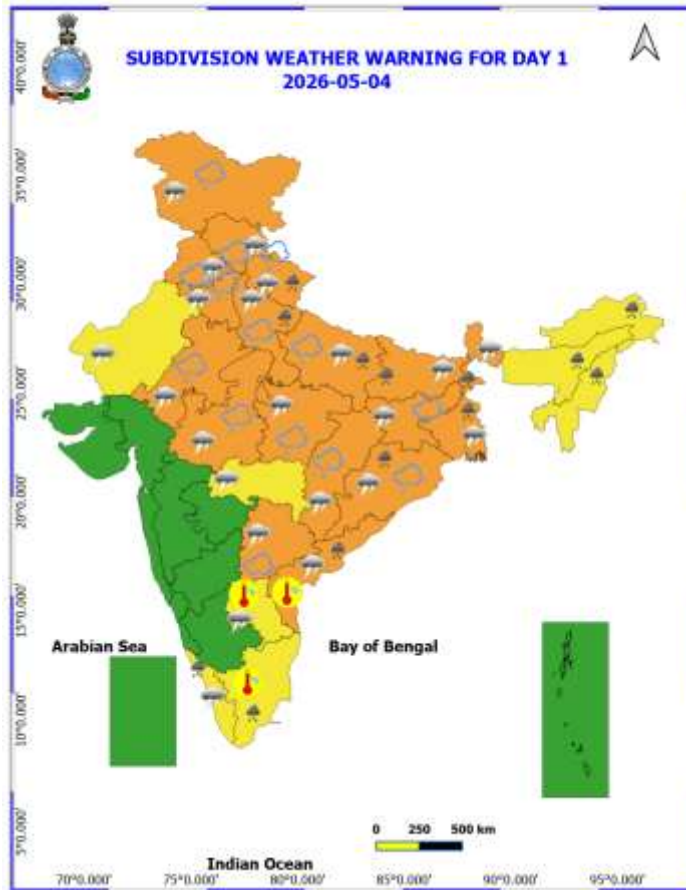
- ❖ **Tripura:** Panisagar 128, Ambassa 89,
- ❖ **Uttarakhand:** Jollygrant 91, Ranichauri 89, Mukteshwar 78, Hatibharkala 63, Champawat 63, Matela 63, Pantnagar 61, Kosiyakutoli 50, Mokhampur 57, Roorkee 56 Chaubatia 57
- ❖ **Uttar Pradesh:** Bareilly (IAF) 80, Bareilly 80, Muzaffarnagar 70, Kasganj 67, Shamli 65, G. B. Nagar 57, Shahjahanpur 57, Saharanpur (IAF) 46, Agra (IAF) 56, Hindon (IAF) 48, Bareilly 37, Najibabad 37, Kanpur City 74, Fatehgarh 74, Bahraich 54, Lucknow AP 37
- ❖ **Punjab:** Sangrur & Anandpur Sahib 76, Hoshiarpur 63, Mohali 61, Faridkot 48, Bathinda 46 Firozpur 39
- ❖ **Haryana Chandigarh & Delhi:** Panipat 87, Sonipat & Karnal 65, Charkhi Dadri 57, Rohtak 52, Sadalpur & Chandigarh 48, Pusa 70, Pitampura 52, Jafarpur 54, Safdarjung 52, Palam 46
- ❖ **Assam:** Manas 68

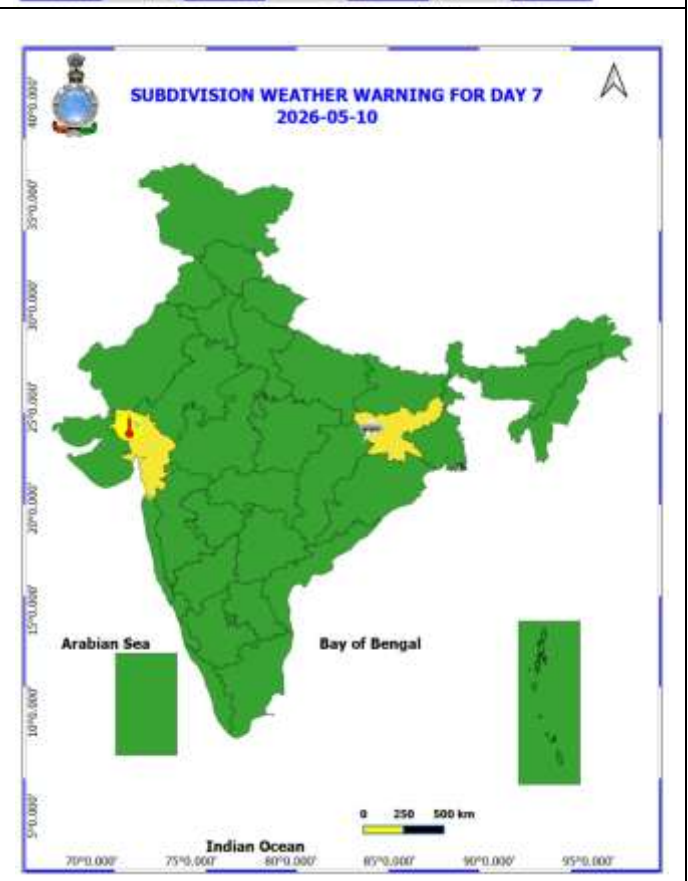
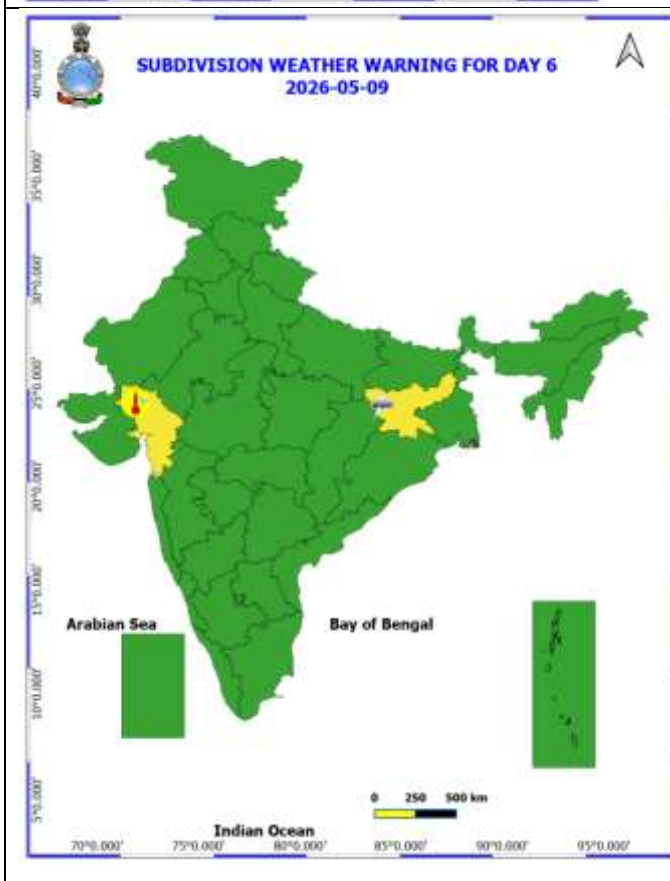
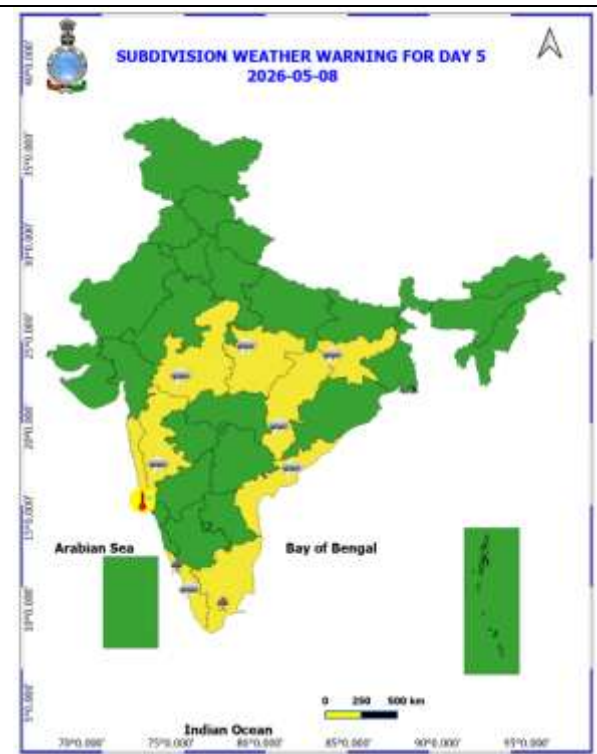
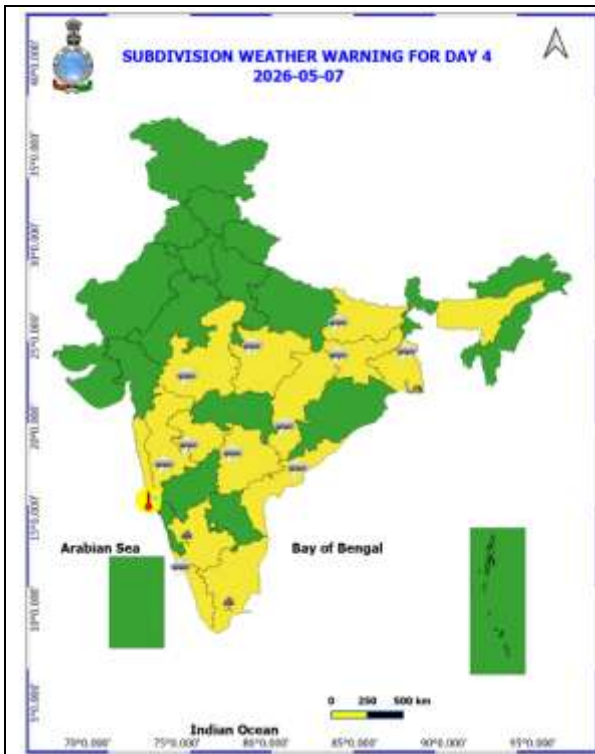
- ❖ **Arunachal Pradesh:** Anini41
- ❖ **Odisha:** Rourkela 61, Koraput 50,
- ❖ **Jharkhand:** Simdega 54, Khunti 48, Ranchi 43, B arhi 35, Gumla 33, Janhukuda 46, Gunupur 33
- ❖ **Andaman & Nicobar Islands:** Shri Vijayapuram 36
- ❖ **Gangetic West Bengal:** Nimpith 33
- ❖ **Bihar:** Sukhet 37, Saraiya 33, Madhepura, Dumaraon, Bikramganj 31
- ❖ **Jammu-Kashmir:** Chatha 35, Kathua 31, Samba 31
- ❖ **Himachal Pradesh:** Bilaspur 41, Sundernagar 41
- ❖ **Madhya Pradesh:** Bhopal 54, Sagar 63
- ❖ **Maharashtra:** Karjat (Raigad) 35, Palghar 31, Shahada (Nandurbar) 48, Vilholi (Nashik) 48, Sangli 41, Ambejogai (Beed) 43, Hingoli 43
- ❖ **Gujarat State:** Arnej (Ahmedabad) 56, Bhachau (Kutch) 54

ANNEXURE I

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	4- May	5- May	6- May	7- May	8- May	9- May	10- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	ISOL	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	SCT	SCT	SCT	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	FWS	SCT	SCT	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	FWS	FWS	FWS	SCT	SCT	ISOL
6	GANGETIC WEST BENGAL	FWS	FWS	FWS	FWS	SCT	SCT	ISOL
7	ODISHA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	FWS	FWS	SCT	SCT	SCT	SCT	ISOL
9	BIHAR	FWS	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	FWS	FWS	SCT	SCT	SCT	ISOL	ISOL
11	WEST UTTAR PRADESH	FWS	SCT	SCT	ISOL	ISOL	ISOL	DRY
12	UTTARAKHAND	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	FWS	SCT	ISOL	ISOL	DRY	DRY	ISOL
14	PUNJAB	FWS	ISOL	ISOL	ISOL	DRY	DRY	ISOL
15	HIMACHAL PRADESH	FWS	FWS	SCT	ISOL	ISOL	ISOL	SCT
16	JAMMU AND KASHMIR AND LADAKH	FWS	SCT	ISOL	ISOL	ISOL	DRY	DRY
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	ISOL	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
25	MARATHWADA	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
27	CHHATTISGARH	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
35	KERALA AND MAHE	FWS	SCT	SCT	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	SCT	SCT	SCT	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 04th May to 07th May 2026**Past Weather:**

There has been fall in maximum temperatures up to 2-3°C and fall in minimum temperatures up to 3-5°C during past 24 hours over Delhi. The maximum temperatures were in the range of 35-37°C and the minimum temperatures are in the range 18-20°C respectively during past 24 hours over Delhi. The minimum temperatures are markedly below normal (-5.1°C or less) at many places, appreciably below normal (-3.1°C to -5.0°C) and below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The maximum temperatures were appreciably below normal (-3.1°C to -5.0°C) at many places and below normal (-1.6°C to -3.0°C) at a few places over Delhi. Mainly clear sky with surface wind speeds up to 22 kmph gusting to 70 kmph from southeast direction over Delhi during past 24 hours. During the past 24 hours, very light to light rain was observed at most places over Delhi. Generally cloudy sky with surface wind speeds up to 16 kmph likely to prevailed from northeast direction over the region in the forenoon today.

Weather Forecast:

04.05.2026: Partly cloudy sky to generally cloudy sky towards afternoon. A spell of very light to light rain accompanied with thunderstorm/lightning and occasional strong surface winds speed reaching 40-50 kmph gusting to 60 kmph towards evening/night. The maximum temperatures over Delhi are likely to be in the range of 30°C to 32°C. The maximum temperatures will be markedly below normal (-5.1°C to 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 25 kmph during the afternoon hours. The wind speed will decrease up to 20 kmph from the southeast direction during evening and night.

05.05.2026: Generally cloudy sky. A spell of very light to light rain accompanied with thunderstorm/lightning and strong surface winds speed 20-30 kmph gusting to 40 kmph during afternoon/ evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 18°C to 20°C respectively. The minimum temperature will be markedly below normal (-5.1°C to less) at most places, and maximum temperatures will be markedly below normal (-5.1°C to less) at most places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 25 kmph during the morning hours. The wind speed will become less than 15 kmph from southeast direction during the afternoon. The wind speed will decrease up to 12 kmph from the southeast direction during evening and night.

06.05.2026: Partly cloudy sky. Possibility of thundery development towards afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 35°C to 37°C and 21°C to 23°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperature will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the east direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will be decrease becoming up to 15 kmph from southeast direction during the afternoon. The wind speed will decrease becoming up to 12 kmph from the southeast direction during evening and night.

07.05.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 22°C to 24°C respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperature will be below normal (-1.6°C to -3.0°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 decrease becoming up to 15 kmph from 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 thunderstorm with lightning/gusty winds:

- **Warning:** Thunderstorms with lightning and gusty winds (50–60 kmph, gusting up to 70 kmph) along with dust-raising surface winds are likely.

- **Impacts:** Breaking of tree branches, uprooting of trees, damage to crops, disruption to power and communication lines, partial damage to weak structures, and loose objects being blown away.
- **Advisory:** Stay indoors and keep windows and doors closed. Avoid travel if possible. Do not take shelter under trees. Stay away from concrete walls/floors, water bodies, and electrical conductors. Unplug electronic devices and remain alert for worsening weather conditions.

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

- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Punjab, Haryana Chandigarh & Delhi and West Uttar Pradesh on 04th and East Uttar Pradesh on 04th & 05th May; over Sub-Himalayan West Bengal & Sikkim on 04th; Gangetic West Bengal, Jharkhand and Odisha on 04th & 05th; Bihar on 04th & 06th May; over Chhattisgarh and Madhya Pradesh on 04th & 05th May; over Coastal Andhra Pradesh & Yanam on 04th & 05th May.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan on 04th, East Uttar Pradesh on 03rd & 04th May; over Jharkhand and Odisha on 04th & 05th May; over Madhya Pradesh and Chhattisgarh on 04th May; over Telangana on 04th May.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact Expected & Action Suggested due to heavy/very heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Uttarakhand and Uttar Pradesh on 04th; over Arunachal Pradesh on 04th & 05th, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 04th; over Sub-Himalayan West Bengal & Sikkim during 04th -06th; Gangetic West Bengal and Odisha on 04th and Bihar on 04th & 06th; over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 5 days; Kerala & Mahe on 04th & 06th; Coastal Andhra Pradesh & Yanam on 04th & 05th; South Interior Karnataka on 06th & 07th May.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.

- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Hailstorms

- In **Jharkhand, Odisha, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Chhattisgarh and Telangana**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

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

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

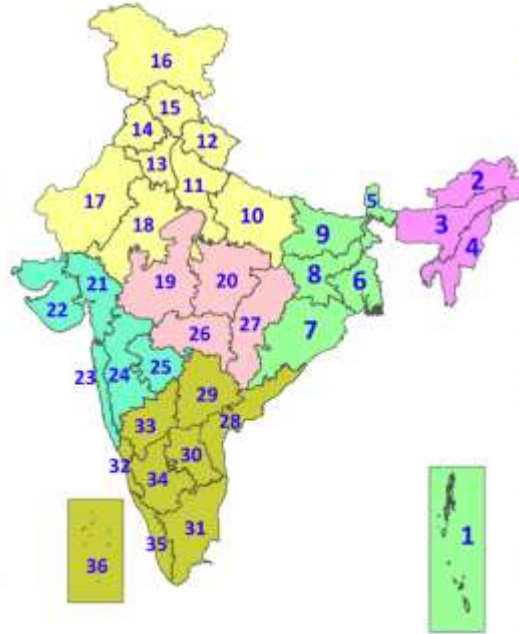
- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of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