



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 22nd March 2026
Time of Issue: 1310 hours IST

- Subject: (i) Scattered thunderstorm, lightning & gusty winds likely to continue over Northeast India till 26th March, with possibility of isolated heavy rainfall on 22nd and 24th March, 2026 over Arunachal Pradesh and Assam & Meghalaya.**
- (ii) Hot & Humid conditions likely to prevail at isolated pockets over Konkan & Goa on 22nd & 23rd and Kerala & Mahe during 22nd to 24th March.**
- (iii) In association with current Western Disturbance Isolated to scattered light rainfall/snowfall with isolated thunderstorm, lightning & gusty winds speed reaching (30-50 kmph) likely over Himachal Pradesh and Uttarakhand on 23rd March and A fresh feeble Western Disturbance is likely to affect northwest India from 26th March 2026.**
- (iv) Maximum temperatures/day temperatures likely to rise by 4-7°C over northwest, central and east India during next 5days.**

Realised weather during past 24 hours ending at 0830 hours IST of today, the 22nd March, 2026:

- ❖ **Heavy rainfall (7-11cm)** has been recorded at isolated places over Assam and Manipur.
- ❖ **Hailstorm** reported at isolated places over Sub-Himalayan West Bengal & Sikkim, Jharkhand and Bihar.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed 30-50 kmph at isolated places over Arunachal Pradesh, Assam & Meghalaya, Imphal, Gangetic West Bengal, Odisha, Jharkhand, Bihar, Haryana, East Madhya Pradesh, Vidarbha, Konkan & Goa, Madhya Maharashtra, Marathwada, Gujarat state.
- ❖ Isolated **Dense fog** observed over East Uttar Pradesh, Sub-Himalayan West Bengal & Sikkim and Jharkhand.

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

- ❖ **Maximum/day temperatures** were in the range (35°C-37°C) at a few pockets over Telangana, Marathwada, Madhya Maharashtra, North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal. the range (35°C-38°C) at a few pockets over Odisha, West Madhya Pradesh, Chhattisgarh; at isolated pockets over East Rajasthan, Coastal Andhra Pradesh & Yanam, Lakshadweep, Kerala & Mahe, Andaman & Nicobar Islands. And were 30°C or less over most parts of Jammu Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Haryana-Chandigarh-Delhi, Punjab, Uttar Pradesh, Jharkhand, Bihar, Gangetic West Bengal, Sub-Himalayan West Bengal & Sikkim, Northeastern States and over many places of north Rajasthan, north Madhya Pradesh and isolated pockets of Odisha, and Chhattisgarh. **The highest maximum temperature of 39.9°C is reported at Sri Ganganagar (Rajasthan).**
- ❖ **Maximum Temperatures/day temperatures** were markedly below normal (-5.1°C or less) at most places over Bihar, West Bengal & Sikkim; at many places over East Madhya Pradesh, East Uttar Pradesh, Jharkhand; at a few places over Chhattisgarh; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Odisha, Assam & Meghalaya, Coastal Karnataka; appreciably below normal (-3.1°C to -5.0°C) at most places over East Rajasthan; at many places over West Madhya Pradesh, West Uttar Pradesh; at a few places over Haryana-Chandigarh-Delhi; at isolated places over West Rajasthan; below normal (-3.0°C to -1.6°C) at most places over Telangana, Gujarat Region, Madhya Maharashtra, Marathwada; at many places over Vidarbha, Saurashtra & Kutch, Punjab, Himachal Pradesh; at a few places over Rayalaseema; at isolated places over Coastal Andhra Pradesh & Yanam, Arunachal Pradesh, Tamil Nadu, Puducherry & Karaikal. They were markedly above normal (5.1°C or more) at isolated places over Jammu-Kashmir-Ladakh-Gilgit Baltistan-Muzaffarabad, and Uttarakhand. Maximum Temperature likely to be below normal over many parts of North India till 24th March and normal during subsequent 3 days. They are likely to be near normal over South Peninsula India during the week.
- ❖ **Minimum/night temperatures** were in the range of 12-18°C over Punjab, Haryana, Chandigarh, Delhi, Rajasthan, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Assam, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra, Kerala & Mahe. They were in the range of 18-25°C over remaining parts of the plains of the country.

Today, the lowest minimum temperature of 11.2 °C was observed at Ludhiana (Punjab) over the plains of India.

- ❖ **Minimum/night Temperature** were above normal (1.6°C to 3.0°C) over Assam, north Rajasthan, Saurashtra & Kutch, Kerala & Mahe; below normal (-3.0°C to -1.6°C) over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Haryana, Delhi, south Rajasthan, Uttar Pradesh, Maharashtra, Karnataka, Odisha, Chhattisgarh, Jharkhand, Gangetic West Bengal, Telangana 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 in middle tropospheric level runs roughly along Long. 60°E to the north of Lat. 35°N.
- ❖ An **upper air cyclonic circulation** lies over East Bangladesh & neighbourhood extending upto lower tropospheric level with a trough aloft roughly along Long. 90°E to the north of Lat. 24°N between lower and upper tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over South Interior Karnataka & neighbourhood in lower tropospheric level.
- ❖ A **trough** from Gulf of Mannar to South Madhya Maharashtra across Tamil Nadu, interior Karnataka in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over west Rajasthan & adjoining Pakistan in lower tropospheric level.
- ❖ **Subtropical westerly Jet Stream** with core winds of the order of 85 knots at 12.6 km above mean sea level prevails over central India.
- ❖ A **fresh feeble Western Disturbance** is likely to affect northwest India from 26th March 2026.

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

Northwest India:

- ❖ **Isolated to scattered** light rainfall/snowfall with isolated thunderstorm, lightning & gusty winds speed reaching (30-50 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 26th; Himachal Pradesh on 23rd & 26th; Uttarakhand on 23rd March.
- ❖ **Isolated** thunderstorm, lightning & gusty winds speed reaching (30-40 kmph) likely over West Rajasthan on 25th; over East Rajasthan on 23rd & 25th with lightning over West Rajasthan on 22nd and East Rajasthan on 22nd & 26th March.

Northeast India:

- ❖ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds speed reaching (30-50 kmph)** likely over Assam & Meghalaya on 22nd & 24th; Nagaland, Manipur, Mizoram & Tripura on 22nd and Arunachal Pradesh on 24th March; **Thunderstorm & lightning** likely over Northeast India during next 5 days.
- ❖ **Isolated heavy rainfall** likely over Assam & Meghalaya and Arunachal Pradesh on 22nd & 24th March.

East India:

- ❖ **Isolated to Scattered** rainfall with **thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 22nd -24th and 27th -28th; Gangetic West Bengal on 24th, 27th & 28th; Bihar, Jharkhand and Odisha during 24th -28th March.
- ❖ Isolated **Hailstorm** activity likely over Sub-Himalayan West Bengal & Sikkim on 24th March.

Central India:

- ❖ **Isolated** light to moderate rainfall with thunderstorm, lightning & **gusty winds speed reaching (30-40 kmph)** over Chhattisgarh on 22nd & 23rd and with lightening over Vidarbha on 26th and Chhattisgarh on 27th & 28th March.

West India:

- ❖ **Isolated thunderstorm & lightning & gusty winds speed reaching (40-50 kmph)** likely over Madhya Maharashtra on 23rd & 24th and Marathawada during 23rd - 25th March.

South Peninsular India:

- ❖ **Isolated thunderstorm, lightning & gusty winds speed reaching (30-50 kmph)** likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 22nd-24th; Telangana on 22nd, 25th and 26th March.

Hot & Humid weather Warnings:

- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Kerala & Mahe during 22nd-24th; Konkan & Goa on 22nd & 23rd March.

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 3-6°C likely over Northwest India during next 4 days except West Uttar Pradesh where temperature will rise by 4-7°C and East Uttar Pradesh rise by 7-10°C and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 3-5°C likely over Central India during next 5 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 4-6°C likely over East India during next 5 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over Maharashtra during next 2 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 2-4°C likely over Gujarat State during next 3 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 2-3°C likely over southern peninsula during next 5 days and no large change thereafter.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 22nd March to 27th March, 2026:

Bay of Bengal: No Warning.

Arabian Sea: Along and off north Oman coast and adjoining northwest Arabian Sea on 22nd March.

Weather conditions and forecast over Delhi/NCR during 22nd -25th March, 2026 (ANNEXURE III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermen-warning.php>

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

Assam: Diphu 7, Dhemaji 7

Manipur: Jiribum 9

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

Arunachal Pradesh: Kalaktang 39

Assam & Meghalaya: Jowai 35

Manipur: Imphal_AMFU59, Geljang_Resort 50, Saikul 43, Thoubal 33, Khoupum 33, Imphal Airport 50

Gangetic West Bengal: Purulia 44, Jagatballavapur 30, Gangasagar 30, Airport 30, Digha 30

Odisha: Baripada 35, Gunupur 33, Rourkela 30

Jharkhand: Simdega 48, Ranchi 44, Saraikela 41, Simdega 31, Khunti 30

Bihar: Arwal 30 IIT-Patna 30

Haryana: Gurugram AWS 41

Konkan & Goa: Konkan: Karjat (Raigad) 37, Santacruz (Mumbai) 37, Alibag (Raigad) 37

Madhya Maharashtra: Madhya Maharashtra: Narayangaon (Pune) 31, Shivajinagar (Pune) 30

Marathawada: Marathwada: Tulga (Dharashiv) 35, Dharashiv 35

East Madhya Pradesh: Jabalpur 37, Katni 33, Shahdol 33, Sagar 31, Narsinghpur 30

Vidarbha: Buldhana 31

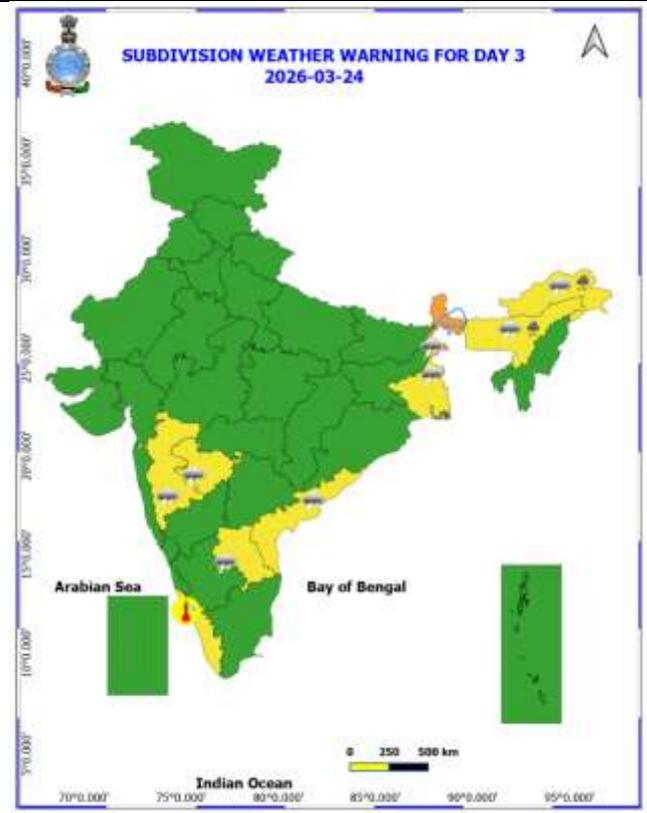
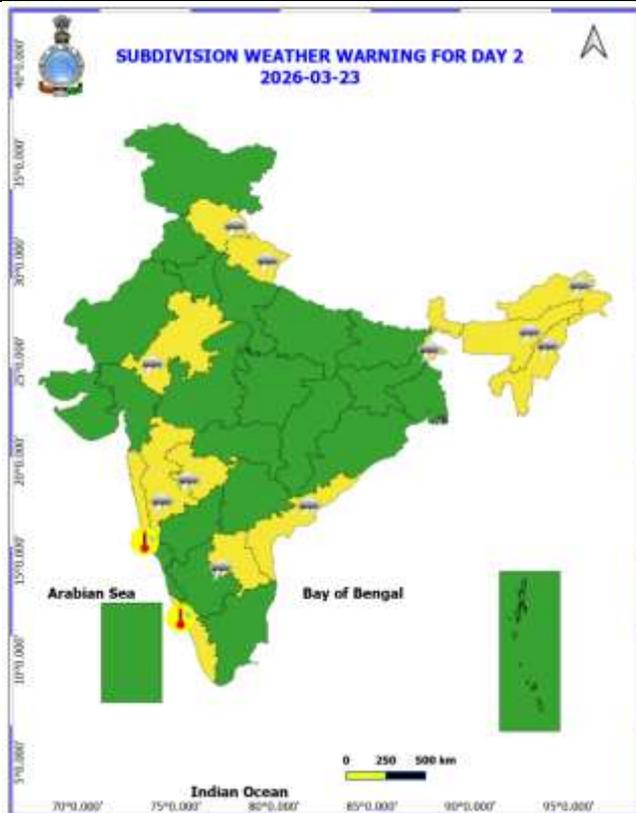
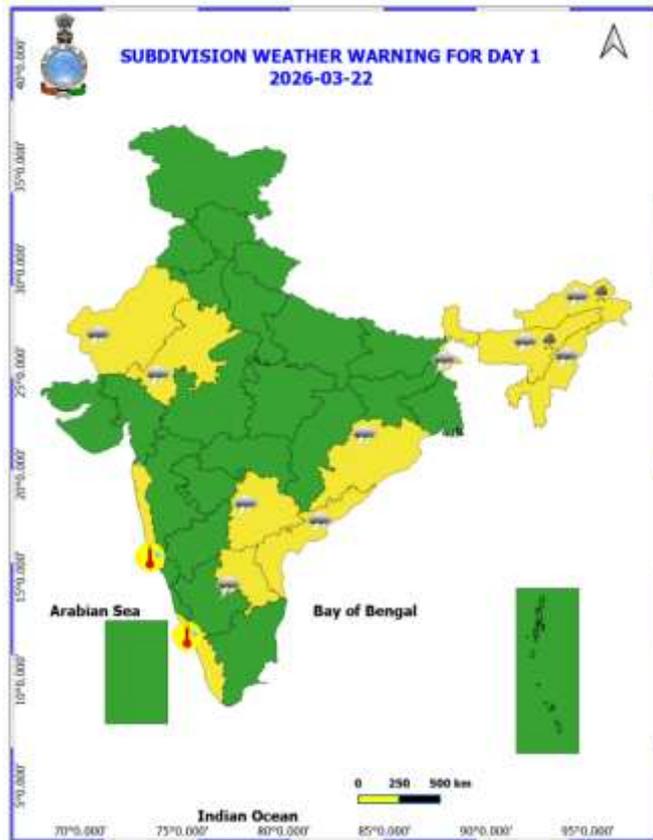
Gujarat Region: Dholera 28

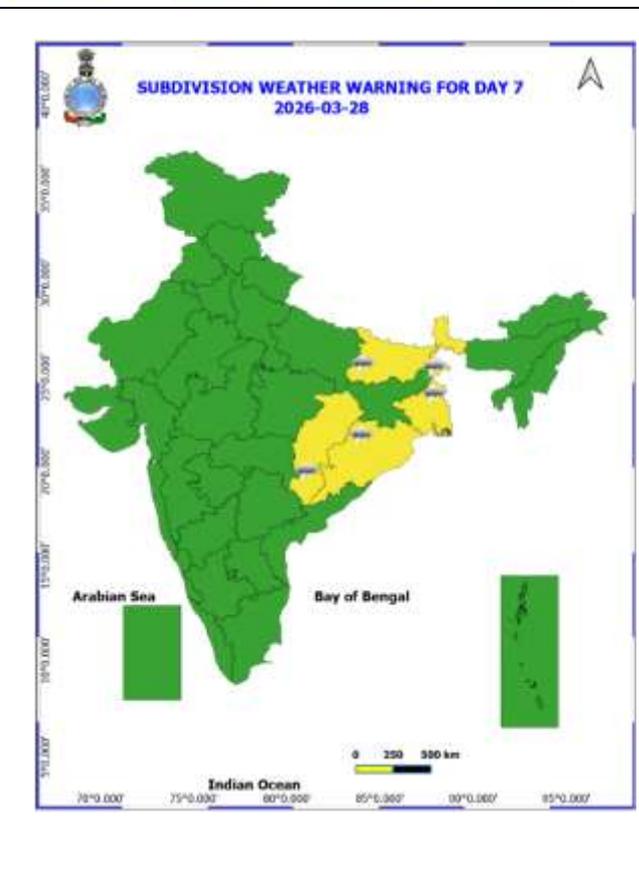
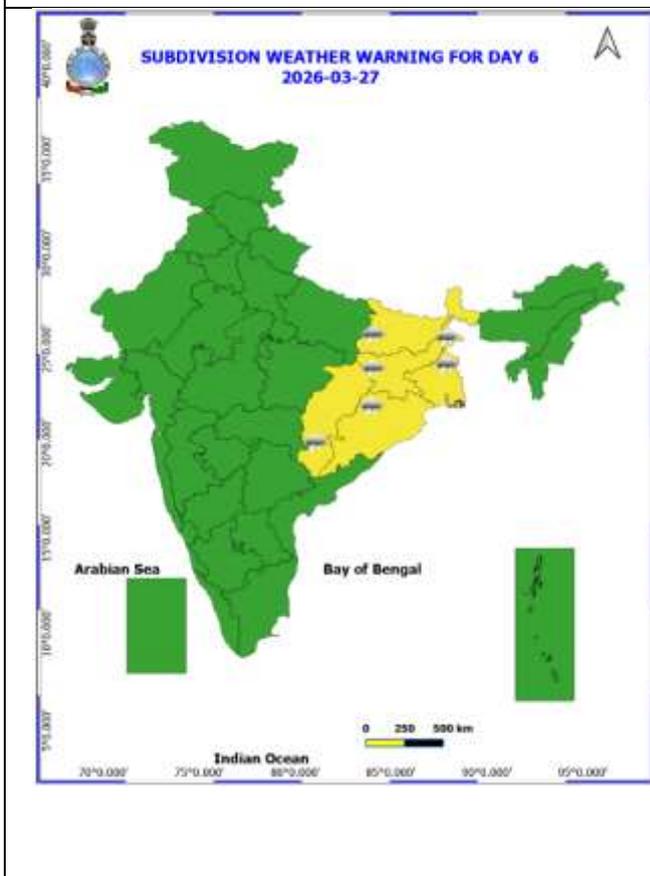
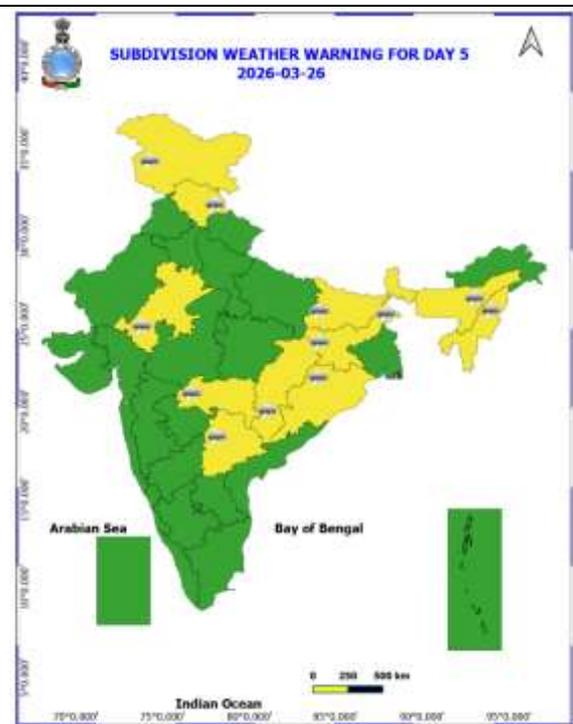
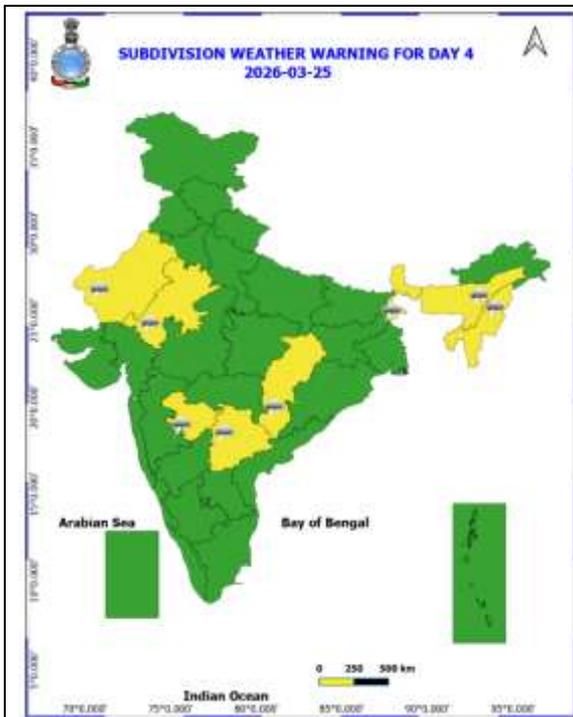
Saurashtra & Kutch: Khavda 31

ANNEXURE I

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

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

Detailed districtwise MultiHazard weather warning for next five days available at
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 22nd March to 25th March 2026**Past Weather:**

There has been a rise in minimum temperatures around 1-2°C and significant rise in maximum temperatures by 5-6°C during past 24 hours over Delhi. The maximum temperatures were in the range of 26-27°C and the minimum temperatures are in the range 15-16°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at isolated places and below normal (-1.6°C to -3.0°C) over remaining part of Delhi. The maximum temperatures are appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. Partly cloudy sky with wind speed reaching up to 15 kmph from the west direction prevailed over past 24 hours. Partly cloudy sky and surface wind speed reaching up to 10 kmph from the west direction prevailed over the region in the forenoon today.

Weather Forecast:

22.03.2026: Partly cloudy sky becoming generally cloudy sky towards evening/night. The maximum temperatures over Delhi are likely to be in the range of 29°C to 31°C. The 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 northwest direction with wind speed reaching up to 15 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during evening and night.

23.03.2026: Generally cloudy sky. Possibility of very light rain/drizzle accompanied with thunderstorm/lightning during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°C and 15°C to 17°C respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places and the maximum temperature 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 northwest direction with wind speed associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will increase becoming up to 15 kmph from northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during evening and night.

24.03.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°C and 14°C to 16°C respectively. The minimum temperature will be below normal (-1.6 to -3.0°C) at most places and the maximum temperature 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 west direction with wind speed associated with calm wind reaching up to 05 kmph during the morning hours. The wind speed will decrease up to 15 kmph from northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during evening and night.

25.03.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 31°C to 33°C and 14°C to 16°C respectively. The minimum temperature will be below normal (-1.6 to -3.0°C) at most places and the maximum temperature 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 southwest direction with wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase up to 15 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming up to 10 kmph from the northeast direction during evening and night.

Impact expected and action suggested due to isolated Hailstorm over

❖ Isolated **Hailstorm** activity likely over Sub-Himalayan West Bengal & Sikkim on 24th March.

❖ **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 Assam & Meghalaya and Arunachal Pradesh on 22nd & 24th March.

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 Heavy Rainfall

- In **Arunachal Pradesh**, undertake harvesting of cabbage, pea, mustard and late-maturing paddy varieties and digging of potatoes. Shift the harvested produce to safe places. Maintain proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards.
- In **Assam**, drain out excess rainwater from the standing crop fields.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and protect young seedlings from heavy rainfall. Keep the harvested pods of garden peas in safer place immediately.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry

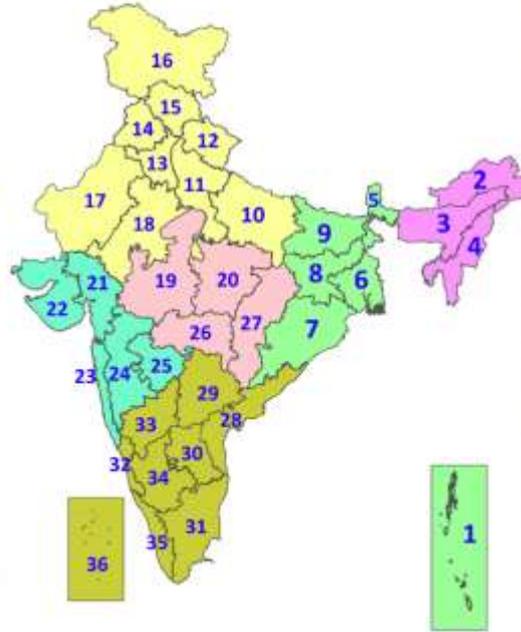
- Keep the animals inside the shed during Heavy Rainfall/Hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, 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 62-87 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p> |

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