



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 27th April 2026
Time of Issue: 1345 hours IST

Subject:(i) Heat wave conditions likely to persist over isolated to scattered pockets of northwest & central India on today, the 27th April 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.

(iii) Isolated heavy to very heavy rainfall is also likely over Sub Himalayan West Bengal & Sikkim and northeast India during the week.

(iv) Thunderstorm activity also likely over East India during next one week; Northwest India during 28 April- 02May; Central India and South Peninsular India during 27April-01 May.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 27th April, 2026:

- ❖ **Very heavy rainfall (12-20 cm)** has been recorded at isolated places Tripura.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Meghalaya.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-120 kmph** prevailed at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Madhya Maharashtra, Saurashtra & Kutch; **with speed reaching 30-50 kmph** prevailed at isolated places over Bihar, Uttarakhand, Uttar Pradesh, Madhya Pradesh, Vidarbha, Chhattisgarh, Konkan & Goa, Gujarat Region.
- ❖ **Heat Wave conditions** prevailed in few places of Vidarbha and in isolated pockets of Himachal Pradesh, East Uttar Pradesh, Rajasthan.
- ❖ **Warm night conditions** prevailed in isolated pockets over East Uttar Pradesh and Rajasthan.

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

- ❖ **Maximum/day temperatures** were in the range of 40-46°C over most parts of the country except western Himalayan region, northeast Bihar, northeast India, where they are below 36°C. **The highest maximum temperature of 46.9°C was reported at Akola (Vidarbha).**
- ❖ **Maximum/day temperatures** markedly above normal (> 5.1°C) at few places over Himachal Pradesh, West Madhya Pradesh and East Madhya Pradesh; at isolated places over East Uttar Pradesh, West Uttar Pradesh, East Rajasthan and Saurashtra & Kutch; appreciably above normal (3.1°C to 5.0°C) at many places over Jharkhand, Uttarakhand, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan and Gujarat Region; at most places over Haryana-Chandigarh-Delhi; at few places over Vidarbha; at isolated places over Odisha, Bihar, Konkan & Goa, Madhya Maharashtra, Marathwada, Chhattisgarh, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; above normal (1.6°C to 3.0°C) at many places over South Interior Karnataka; at few places over Arunachal Pradesh, Coastal Karnataka and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Coastal Andhra Pradesh & Yanam and North Interior Karnataka and near normal (-1.5°C to 1.5°C) at few places over Nagaland, Manipur, Mizoram & Tripura; at isolated places over Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Minimum/night temperatures** were in the range of 13-19°C over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Sikkim, Assam & Meghalaya, Manipur, Mizoram 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 18.4 °C was observed at Adampur (Punjab) over the plains of India.**
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Jammu-Kashmir, Himachal Pradesh, Haryana, east Uttar Pradesh, south Rajasthan, west Madhya Pradesh, Maharashtra; above normal (1.6 to 3.0°C) over east Madhya Pradesh, Jharkhand, Gujarat State, Marathawada, Chhattisgarh, Odisha, Telangana, Karnataka, Kerala & Mahe; below normal (-3.0°C to -1.6°C) over Tripura, Mizoram, Meghalaya and near normal over rest parts of the country.

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

- ❖ An upper air **cyclonic circulation** lies over East Uttar Pradesh in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over northwest Uttar Pradesh and an **east-west trough** runs from this cyclonic circulation to northwest Bangladesh in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over northeast Bangladesh in lower tropospheric levels.
- ❖ An upper air **cyclonic circulation** lies over central parts of Assam & neighbourhood in lower tropospheric levels.
- ❖ A **trough/ wind discontinuity** runs from central parts of Madhya Pradesh to Comorin area in lower tropospheric levels.
- ❖ An **Anti-cyclonic circulation** lies over interior Maharashtra & neighbourhood in lower & middle tropospheric levels.
- ❖ A **Western disturbance** seen as a trough in westerlies runs roughly along Long. 54°E to the north of Lat. 32°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 40-50 kmph)** likely over Jammu-Kashmir during 27th-29th April; Himachal Pradesh during 28th-30th April & on 03rd May; **Isolated to scattered** over Uttarakhand during 28th April-03rd May.
- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab, Haryana Chandigarh & Delhi during 27th-30th April & on 02nd & 03rd May; East Uttar Pradesh during 28th April-02nd May; West Uttar Pradesh during 28th April-01st May; West Rajasthan during 27th-29th April; East Rajasthan during 27th April-03rd May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Punjab and Haryana Chandigarh on 28th & 29th April.
- ❖ **Isolated Hailstorm activity** likely over Jammu-Kashmir on 28th April and Himachal Pradesh & Uttarakhand on 28th & 29th April.

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Northeast India during next 5 days.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 27th and Nagaland, Manipur, Mizoram & Tripura on 27th & 28th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya during 27th April-02nd May; Nagaland, Manipur, Mizoram & Tripura during 27th April-01st May; with isolated **very heavy rainfall** likely over Arunachal Pradesh during 30th April-02nd May and Assam & Meghalaya during 27th-30th April.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over West Bengal & Sikkim during next 7 days.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar, Odisha during 27th April-01st May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 27th; Gangetic West Bengal during 27th -30th; Bihar on 28th; Jharkhand during 27th-30th April.
- ❖ **Isolated heavy rainfall** likely over Bihar on 28th; Gangetic West Bengal on 29th & 30th; Sub-Himalayan West Bengal & Sikkim during 27th April- 02nd May with isolated **very heavy falls** over Sub-Himalayan West Bengal & Sikkim on 30th April.
- ❖ **Isolated Hailstorm activity** likely over Jharkhand on 27th & 30th April.

Central India:

- ❖ **Isolated light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh and Chhattisgarh during next 5 days; with lightning over Vidarbha on 27th & during 29th April-01st May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh during 29th April-01st May.

South Peninsular India:

- ❖ **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over South Interior Karnataka on 27th & 28th April; Kerala & Mahe, Telangana & North Interior

Karnataka during 27th April-01st May; Coastal Andhra Pradesh & Yanam during 28th April-01st May; **with lightning** over Tamil Nadu, Rayalaseema during 28th April-01st May.

- ❖ **Heavy rainfall** also likely over South Interior Karnataka on 30th April; Tamil Nadu, Puducherry & Karaikal during 30th April-02nd May; Kerala & Mahe during 29th April-01st May.
- ❖ Isolated **Hailstorm activity** likely over North Interior Karnataka during 28th -30th April; South Interior Karnataka on 29th & 30th April.

Forecast of maximum/day temperatures:

- ❖ No significant change in maximum temperatures likely over Northwest India till 27th April (24 hours); gradual fall by 3-5°C during 28th April-01st May and no significant change on 02nd & 03rd May.
- ❖ No significant change in maximum temperatures likely over Central India till 28th; gradual fall by 2-3°C during 29th April-01st and gradual rise by 2-3°C on 02nd & 03rd May.
- ❖ Gradual fall in maximum temperatures by 3-5°C likely over East India till 30th April and no significant change during 1st to 3rd May.
- ❖ No significant change in maximum temperatures likely over Maharashtra till 29th April and thereafter gradual fall by 2-3°C during 30th April-03rd May.
- ❖ No significant change in maximum temperatures likely over Gujarat State till 28th April; gradual fall by 2-3°C during 29th April-01st May and gradual rise by 2-3°C on 02nd & 03rd 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 some places of Vidarbha on 27th & 28th April; in isolated pockets of Jammu-Kashmir, Himachal Pradesh, Haryana Chandigarh, Uttar Pradesh, West Madhya Pradesh & East Rajasthan on 27th; West Rajasthan, Odisha, Gujarat State, Rayalaseema, Chhattisgarh and north Telangana on 27th & 28th April.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Konkan, Kerala on 27th & 28th April; coastal areas of Gujarat State, Tamil Nadu during 27th-29th April; Odisha during 27th April-01st May.
- ❖ **Warm night conditions** very likely to prevail in isolated pockets over Haryana Chandigarh, East Rajasthan & Uttar Pradesh on 27th; West Rajasthan & Chhattisgarh on 27th & 28th April.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 27th April to 02nd May, 2026:

- ❖ **Bay of Bengal:** Along and off Odisha, West Bengal Coasts & adjoining Bangladesh Coast, over many parts of northwest Bay of Bengal and adjoining parts of northeast Bay of Bengal during 27th April to 02nd May 2026.
- ❖ **Arabian Sea:** No warning.

Weather conditions and forecast over Delhi/NCR during 27th -30th 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):

- ❖ **Tripura:** Sipahijala (dist Sipahijala) 13, Bagafa (dist South Tripura) 10, Amarpur (dist Gomati) 9, Sonamura (dist Sipahijala) 8, Udaipur (dist Gomati) 7, Belonia (dist South Tripura) 7, Serchip_Aws (dist Serchhip) 7, Kvk South (dist South Tripura) 7;
- ❖ **Meghalaya:** Nongstein (dist West Khasi Hills) 9

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

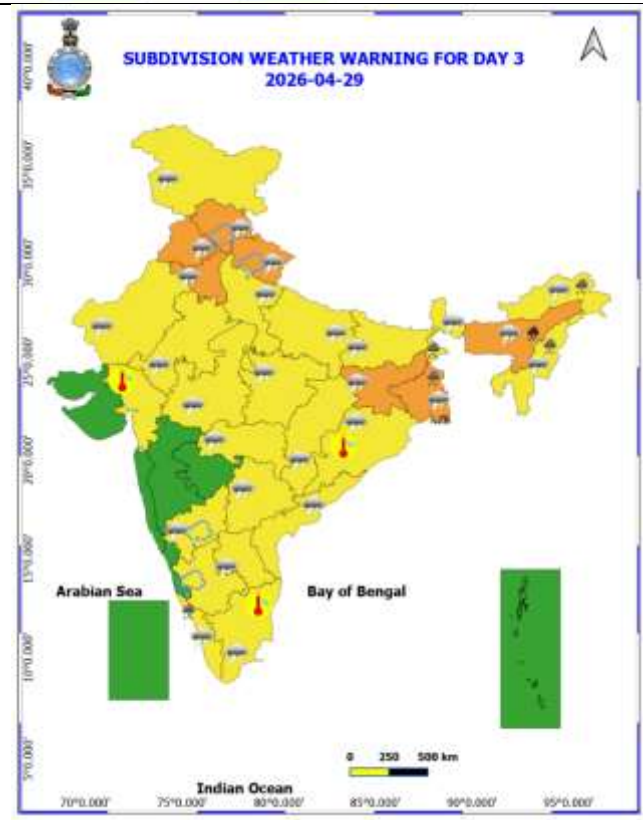
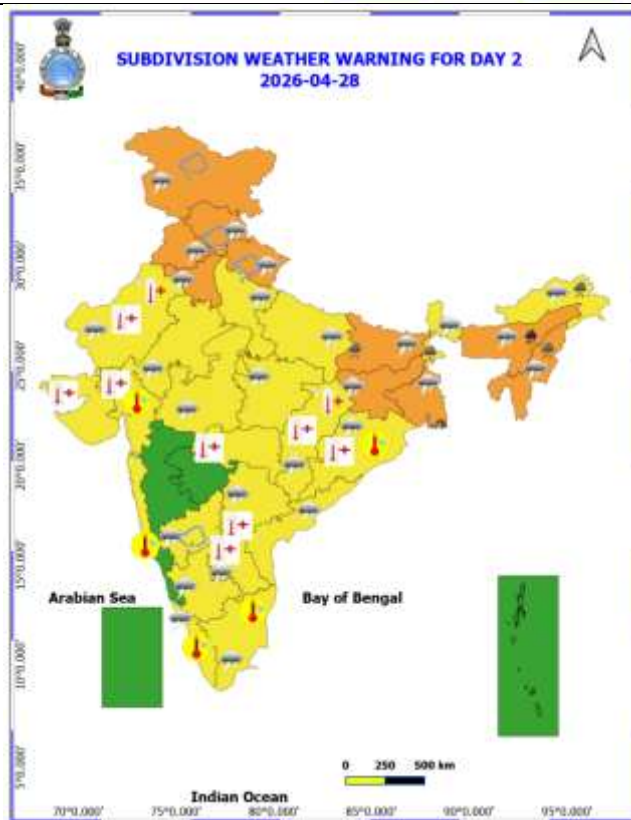
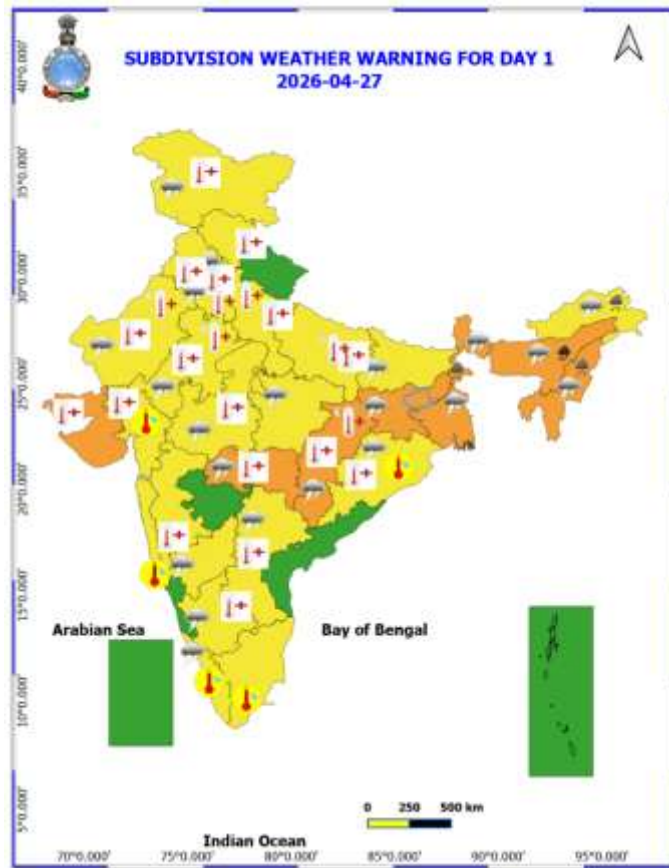
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Teliamura 113, Aizawl 76
- ❖ **Assam & Meghalaya:** Ampati (Swgh) 72, Karimganj 63
- ❖ **Odisha:** Mayurbhanj 59
- ❖ **Jharkhand:** Saraikela 52
- ❖ **Sub-Himalayan West Bengal:** Balurghat 50
- ❖ **Bihar:** Supaul 48
- ❖ **Uttarakhand:** Pantnagar_AMFU 46, Mukteshwar 44,
- ❖ **West Uttar Pradesh:** G. B. Nagar (AWS) 46, Jhansi (AWS) 43, Agra (IAF) 39, Bareilly (IAF) 37, Hindon (IAF) & Noida 33 (Each)

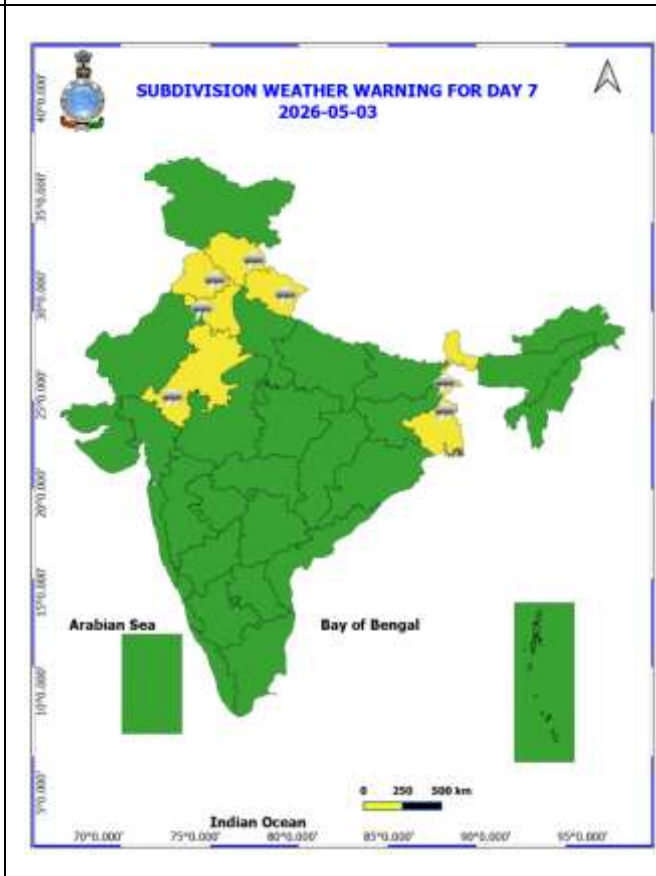
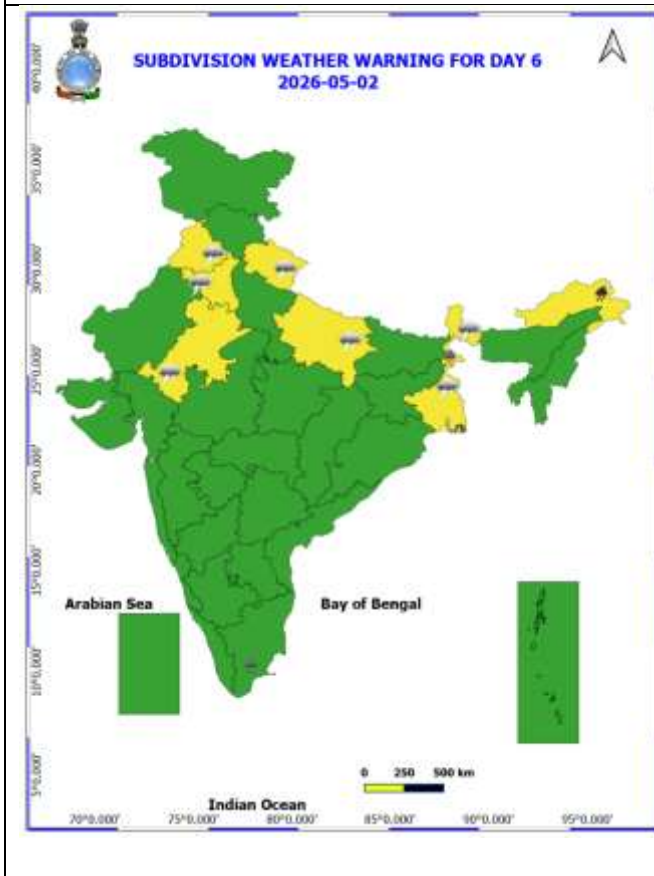
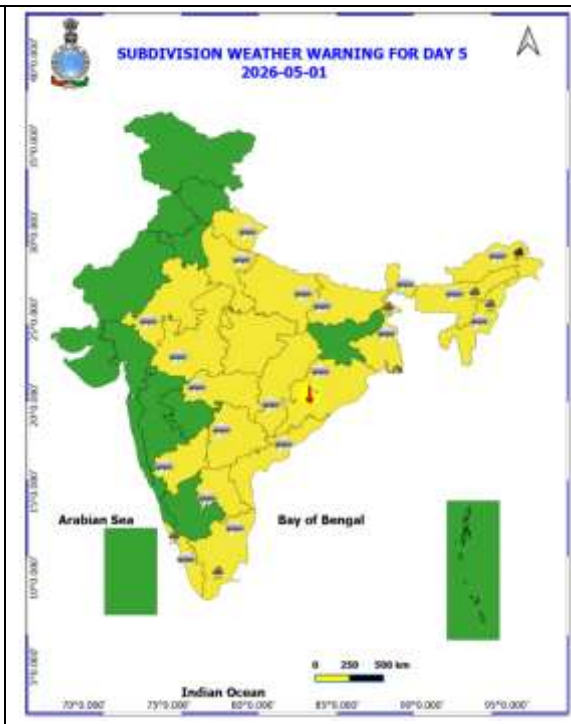
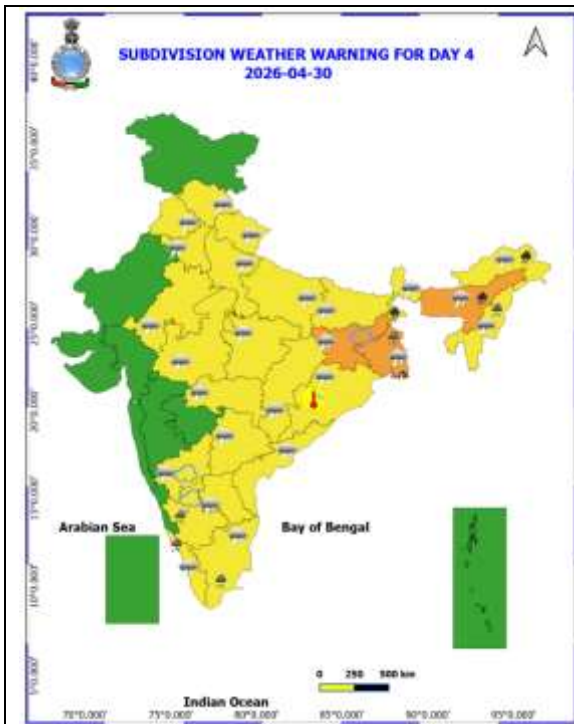
- ❖ **East Uttar Pradesh:** Lucknow (Integral University AWS) 43, Lucknow (AP) & Prayagraj (IAF) 41 Each, Mirzapur (AWS) 39, Gorakhpur (IAF) 30
- ❖ **West Madhya Pradesh:** Indore 46
- ❖ **East Madhya Pradesh:** Sagar 44
- ❖ **Vidarbha:** Buldhana 31
- ❖ **Chhattisgarh:** Bemetra 43
- ❖ **Konkan & Goa:** Karjat (Raigad) 39, Devgad (Sindhudurg) 30
- ❖ **Madhya Maharashtra:** Kalwan (Nashik) 52, Vilholi (Nashik) 33
- ❖ **Gujarat Region:** Arnej(Ahmedabad) 48
- ❖ **Saurashtra & Kutch:** Bhachau (Kutch) 52

ANNEXURE I

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

Past Weather:

There has been fall in maximum temperatures by 1°C and fall in the minimum temperature 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 24-26°C respectively during past 24 hours over Delhi. The minimum temperatures are normal (-1.5°C to 1.5°C) at most places over Delhi. The maximum temperatures are appreciably above normal (3.1°C to 5.0°C) over many places and above normal (1.6°C to 3.0°C) over remaining parts of Delhi. Mainly clear sky with surface wind speeds up to 20 kmph gusting to 36 Kmph from the northwest direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 15 kmph is likely to prevailed from the west direction over the region in the forenoon today.

Weather Forecast:

27.04.2026: Mainly clear sky becoming partly cloudy sky. Heat wave conditions at isolated places. Possibility of thundery development towards afternoon/evening. Sustained surface winds speed 15-25 kmph occasionally gusting to 35 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 43°C to 45°C. The 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 wind speed reaching up to 25 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.

28.04.2026: Partly cloudy sky becoming generally cloudy sky towards afternoon. A spell of very light rain/drizzle accompanied with thunderstorm/lightning and strong surface winds speed reaching 30-40 kmph gusting to 50 kmph during afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 40°C to 42°C and 27°C to 29°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°C) at many places and maximum temperatures will be above normal (1.6°C to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching up to 20 kmph during the morning hours. The surface wind speed will be increase reaching up to 25 kmph from the west direction during the afternoon. The surface wind speed will decrease becoming less than 15 kmph from the east direction during evening and night.

29.04.2026: Partly cloudy sky becoming generally cloudy sky. One or two spells of very light rain/drizzle accompanied with thunderstorm/lightning and strong surface winds speed reaching 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 39°C to 41°C and 25°C to 27°C respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at most places, and the maximum temperatures will be near normal (-1.5°C to 1.5°) at most places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 14 kmph during the morning hours. The surface wind speed will be increase reaching up to 18 kmph from southeast direction during the afternoon. The surface wind speed will gradually increase becoming less than 20 kmph from the southeast direction during evening and night.

30.04.2026: Partly cloudy sky becoming generally cloudy sky. Thundery development towards evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 23°C to 25°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 southeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will decrease becoming less than 10 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 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 thunderstorm with lightning/gusty winds:

- **Warning:** Thunderstorms with lightning and gusty winds (30-40 kmph, gusting up to 50 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 Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim on 27th; Nagaland, Manipur, Mizoram & Tripura on 27th & 28th April; Punjab and Haryana Chandigarh on 28th & 29th April; Gangetic West Bengal Jharkhand during 27th -30th; Bihar on 28th April; Chhattisgarh during 29th April-01st May.
- ❖ **Isolated Hailstorm activity** likely over Jharkhand on 27th & 30th April; North Interior Karnataka during 28th -30th April; Jammu-Kashmir on 28th April, Himachal Pradesh & Uttarakhand on 28th & 29th April; South Interior Karnataka on 29th & 30th 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 very heavy rainfall** likely over Assam & Meghalaya during 27th-30th April; Arunachal Pradesh during 30th April-02nd May and Sub-Himalayan West Bengal & Sikkim on 30th April.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya during 27thApril-02nd May; Nagaland, Manipur, Mizoram & Tripura during 27th April-01st May; Bihar on 28th; Gangetic West Bengal on 29th & 30th; South Interior Karnataka on 30th April; Tamil Nadu, Puducherry & Karaikal during 30th April-02nd May; Kerala & Mahe during 29th 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/ severe heat wave conditions

- ❖ **Heat wave conditions** very likely in some places of Vidarbha on 27th & 28th April; in isolated pockets of Jammu-Kashmir, Himachal Pradesh, Haryana Chandigarh, Uttar Pradesh, West Madhya Pradesh & East Rajasthan on 27th; West Rajasthan, Odisha, Gujarat State, Rayalaseema, Chhattisgarh and north Telangana on 27th & 28th 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 **Jammu & Kashmir, Himachal Pradesh, Uttarakhand, North Interior Karnataka and South 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.
- **Nagaland, Manipur, Mizoram and Tripura**, maintain 5-8 cm water level during early vegetative stage pre-kharif rice, avoid rain water stagnation for long period in crop field.
- 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 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.
- 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 avoid waterlogging.
- In **Kerala**, provide adequate drainage in standing crop fields to avoid waterlogging, move the harvested *Puncha* rice to a dry, covered warehouse, postpone planting of banana.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Maharashtra – Madhya Maharashtra and 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 - Saurashtra and Kutch**, 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.

- **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.
- **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.
- **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.
- **Jammu & Kashmir** - apply light and frequent irrigation to the standing crops, use temporary shade nets to protect the fruit plants from high temperatures.
- **Odisha** - Provide light irrigation to *Boro* paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- **Tamil Nadu**- apply light and frequent irrigation to the standing crops. Use temporary shade nets to protect the fruit plants from high temperatures.
- **Andhra Pradesh - Rayalaseema** - Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- **Telangana** - Provide irrigation to mango orchards and vegetable crops, as required.
- Carry out mulching with crop residue, straw or polythene to minimize the loss of 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

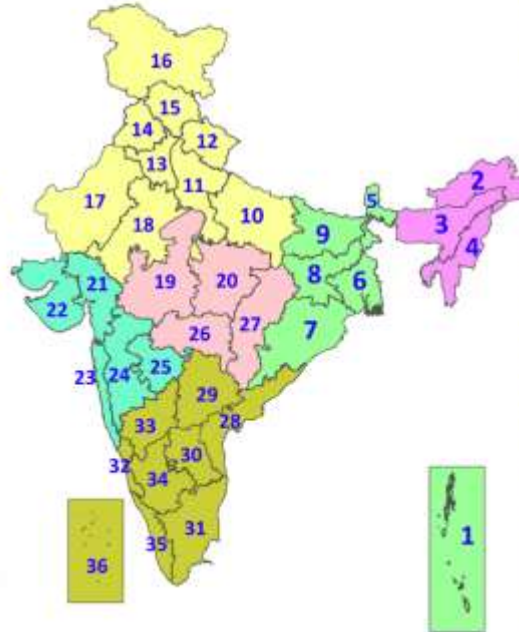
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In 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.
- Coastal states (especially Kerala), fishermen are advised not to venture into sea.

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, 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

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>

* 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)