



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 28th April 2026
Time of Issue: 1400 hours IST

Subject:(i) Heat wave conditions likely to persist over isolated pockets of central India on today, the 28th April and abate thereafter.

(ii) Fairly widespread to widespread rainfall along with thunderstorm & lightning and gusty winds (40-60 kmph) likely over northeast India during the week.

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

Realised weather during past 24 hours ending at 0830 hours IST of today, the 28th April, 2026:

- ❖ **Heavy to very heavy rainfall (7-20 cm)** has been recorded at many places over Tripura, and **heavy rainfall (7-11 cm)** has been recorded at few places over Meghalaya.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-110 kmph** prevailed at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Jharkhand, Uttarakhand, Punjab, Haryana, Chandigarh, West Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal; **with speed reaching 30-50 kmph** prevailed at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Arunachal Pradesh, East Uttar Pradesh, West Madhya Pradesh, Vidarbha, Konkan & Goa, Madhya Maharashtra, Marathwada, Gujarat Region.
- ❖ **Hailstorm** reported over Gangetic West Bengal, East Madhya Pradesh & South Interior Karnataka.
- ❖ **Heat Wave conditions** prevailed in few places of Vidarbha and in isolated pockets of Himachal Pradesh, West Uttar Pradesh, Rajasthan, East Madhya Pradesh and Telangana.
- ❖ **Warm night conditions** prevailed in isolated pockets over Odisha, East Madhya Pradesh, Uttar Pradesh, Haryana.

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 were below 36°C. **The highest maximum temperature of 47.6°C was reported at Banda (East Uttar Pradesh).**
- ❖ **Maximum/day temperatures** markedly above normal (> 5.1°C) at many places over Jammu- Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad; at few places over Himachal Pradesh and East Madhya Pradesh; at isolated places over Jharkhand, East Uttar Pradesh, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Chhattisgarh and Tamil Nadu, Puducherry & Karaikal. appreciably above normal (3.1°C to 5.0°C) at many places over Haryana-Chandigarh-Delhi; at most places over West Rajasthan; at few places over Uttarakhand, Gujarat Region and Vidarbha; at isolated places over Gangetic West Bengal, Odisha, Punjab, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam and Telangana. above normal (1.6°C to 3.0°C) at many places over South Interior Karnataka; at most places over Marathwada; at few places over Rayalaseema, Coastal Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Bihar and North Interior Karnataka. near normal (-1.5°C to 1.5°C) at few places over 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, Nagaland and Tamil Nadu, Puducherry & Karaikal. They were in the range of 20-26°C over remaining parts of the plains of the country. **Today, the lowest minimum temperature of 20.0 °C was observed at Najibabad (West Uttar Pradesh) over the plains of India.**
- ❖ **Minimum/night Temperature** were appreciably above normal (3.1°C to 5.0°C) over Jammu-Kashmir, Himachal Pradesh, Haryana, east Uttar Pradesh, Madhya Pradesh, Vidarbha, Madhya Maharashtra, Chhattisgarh; above normal (1.6 to 3.0°C) over Jharkhand, Gujarat State, Marathwada, Chhattisgarh, 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):

- ❖ The **Western disturbance** as a trough in westerlies with its axis in middle tropospheric level runs roughly along Long. 66°E to the north of Lat. 30°N.
- ❖ A **trough** in westerlies with its axis in middle tropospheric level roughly along Long. 92°E to the north of Lat. 22°N persists.
- ❖ Another **trough** in westerlies with its axis in lower tropospheric level runs roughly along Long. 86°E to the north of Lat. 20°N.
- ❖ An **upper air cyclonic circulation** lies over west Uttar Pradesh & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Sub-Himalayan West Bengal & neighbourhood in lower tropospheric level.
- ❖ An **east-west trough** runs from north Haryana to Manipur in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over north Telangana & neighbourhood in lower tropospheric level.
- ❖ A trough/ wind discontinuity runs from cyclonic circulation over north Telangana to Comorin area in lower tropospheric level.
- ❖ A fresh western disturbance is likely to affect Western Himalayan Region from the 02nd 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 40-50 kmph)** likely over Jammu-Kashmir on 28th, 29th April and during 02nd -04th May; Himachal Pradesh during 28th April- 01st May and on 03rd & 04th May; over Uttarakhand during 28th April-04th 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 28th-30th April & during 02nd -04th May; West Uttar Pradesh during 28th -30th April; East Uttar Pradesh during 29th April-01st May; West Rajasthan on 28th , 29th and during 02nd -04th May; East Rajasthan during 28th April-04th May.
- ❖ **Duststorm** also very likely over East Rajasthan on 28th & 29th and West Rajasthan on 29th April.
- ❖ **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 Himachal Pradesh on 29th & 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 60-70 kmph gusting to 80 kmph)** likely over Tripura on 28th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 28th April.
- ❖ **Isolated extremely heavy rainfall** likely over Meghalaya on 28th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 28th April-04th May, Assam & Meghalaya during 28th April-03rd May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 30th April-02nd May and Assam & Meghalaya; Nagaland, Manipur, Mizoram & Tripura on 28th & 29th 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 during 28th April-02nd May; Jharkhand and Odisha during 28th April- 04th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal, Bihar, Jharkhand, Odisha during 28th -30th April.
- ❖ **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 28th April- 03rd May; Gangetic West Bengal on 29th & 30th; Bihar on 29th with isolated **very heavy falls** over Sub-Himalayan West Bengal & Sikkim on 29th April.
- ❖ **Isolated Hailstorm activity** likely over Gangetic West Bengal on 28th; Jharkhand on 28th & 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; Vidarbha during 28th 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 Tamil Nadu, Puducherry & Karaikal, South Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana and Kerala & Mahe during 28th April-02nd May; North Interior Karnataka during 28th April-01st May with lightning Coastal Karnataka on 28th & 29th April; Rayalaseema during 28th April -02nd May.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal; Kerala & Mahe during 30th April-02nd May; South Interior Karnataka on 30th April-01st May.
- ❖ Isolated **Hailstorm activity** likely over Interior Karnataka on 28th & 29th April.

Forecast of maximum/day temperatures:

- ❖ Gradual fall in maximum temperatures by 2-4°C likely over Northwest India till 30th April and no significant change during 01st -04th May.
- ❖ No significant change in maximum temperatures likely over Central India till 28th; gradual fall by 2-3°C during 29th April-01st May and gradual rise by 2-3°C on 02nd & 03rd May.
- ❖ Gradual fall in maximum temperatures by 2-4°C likely over East India till 29th April and no significant change during 30th April-04th May.
- ❖ Gradual fall in maximum temperatures by 2-3°C likely over West India till 01st May and thereafter no significant change during 02nd -04th 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 Rajasthan, East Madhya Pradesh, Vidarbha, Odisha and Telangana on 28th April.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Odisha, north Tamil Nadu, Puducherry & Karaikal and south Coastal Andhra Pradesh & Yanam during 28th April -02nd May; Kerala & Mahe, Saurashtra & Kutch on 28th April.
- ❖ **Warm night conditions** very likely to prevail in isolated pockets over Uttar Pradesh, East Madhya Pradesh, Interior Odisha on 28th; Rajasthan on 28th & 29th April.

Fishermen warning:

Fishermen are advised not to venture into the following areas during 28th April to 03rd 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 28th April to 03rd May 2026.
- ❖ **Arabian Sea:** No warning.

Weather conditions and forecast over Delhi/NCR during 28th April -01st 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):

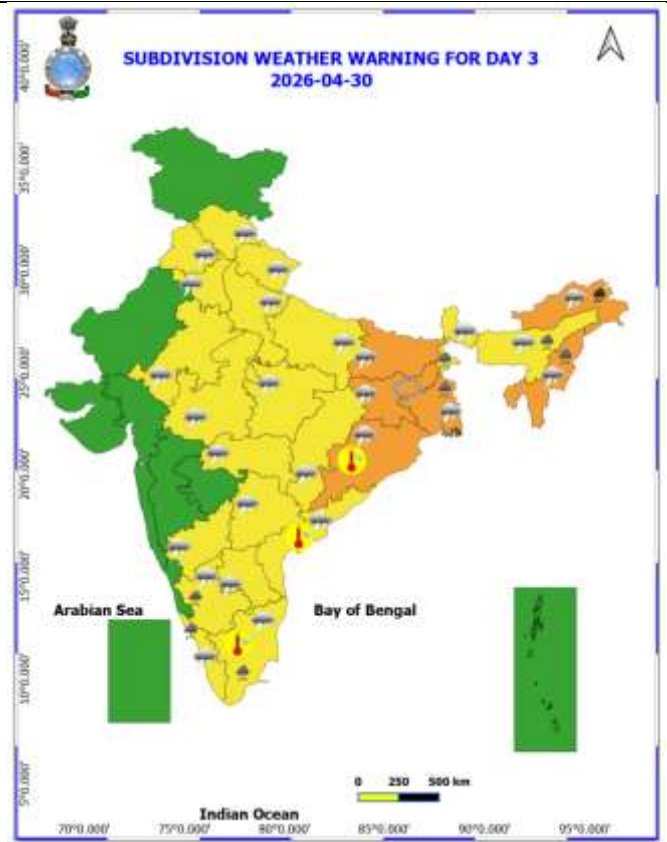
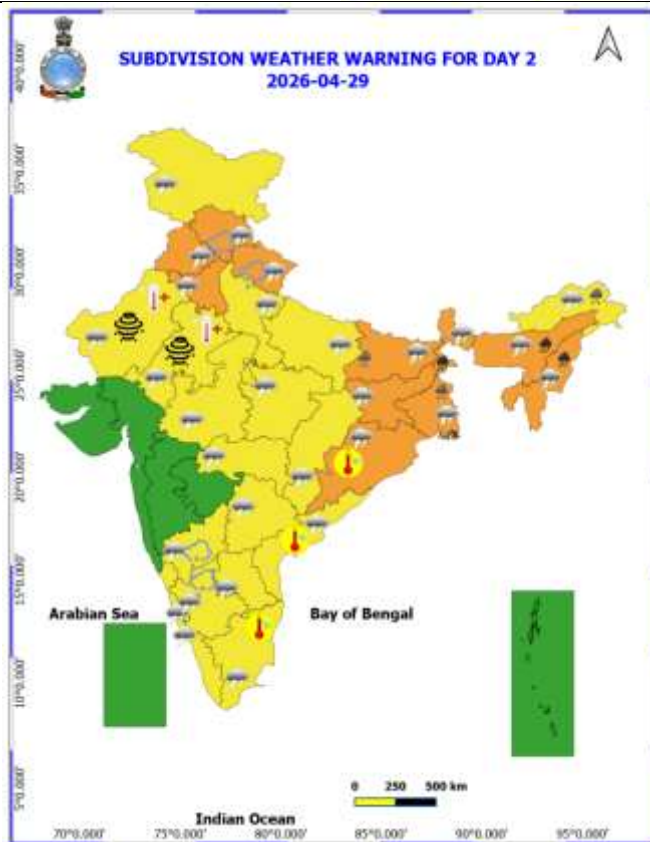
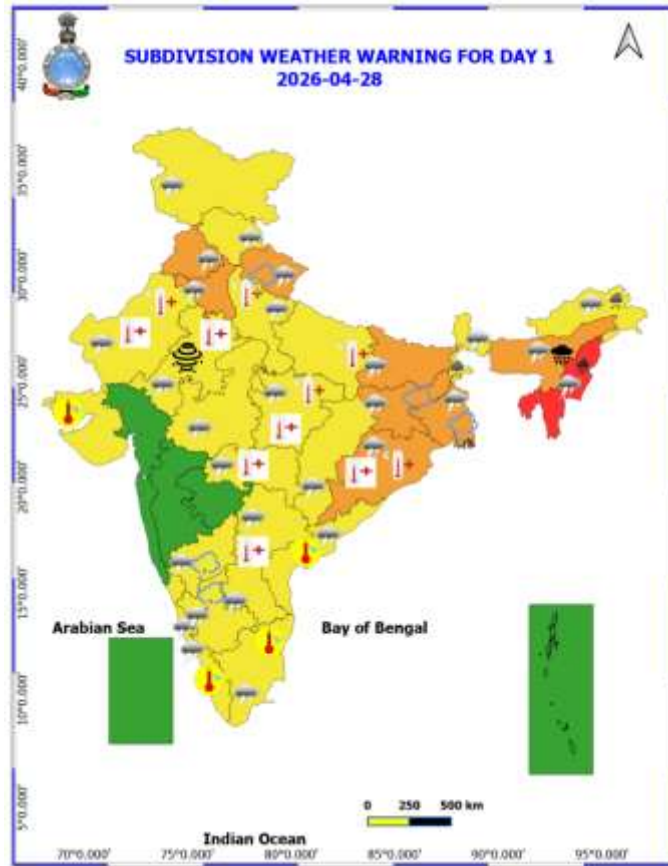
- ❖ **Tripura:** KAMALPUR(DHALAI) 16, Kailashahar AP (dist Unakoti) 12; Kailashahar AWS (dist Unakoti) 11; Dharmanagar/panisagar (dist North Tripura), Chhamonu (dist Dhalai), Ashapara AWS (dist North Tripura) 10 Each; Kanchanpur (dist North Tripura) 8; Aizawl (dist Aizawl) 6; Lengpui (dist Aizawl), Kadamtala ARG (dist North Tripura) 5 Each;
- ❖ **Meghalaya:** Mawkyrwat (SWKH) 7, Mawsynram (dist East Khasi Hills), Mawkyrwat (dist South West Khasi Hills) 7 Each; Williamnagar (dist East Garo Hills), Cherrapunji (dist East Khasi Hills), Cherrapunji(rkm) (dist East Khasi Hills) 6 Each; Williamnagar AWS (dist East Garo Hills), Bhaghmara (dist South Garo Hills) 5 Each;
- ❖ **Odisha:** Sorada (dist Ganjam) 5.

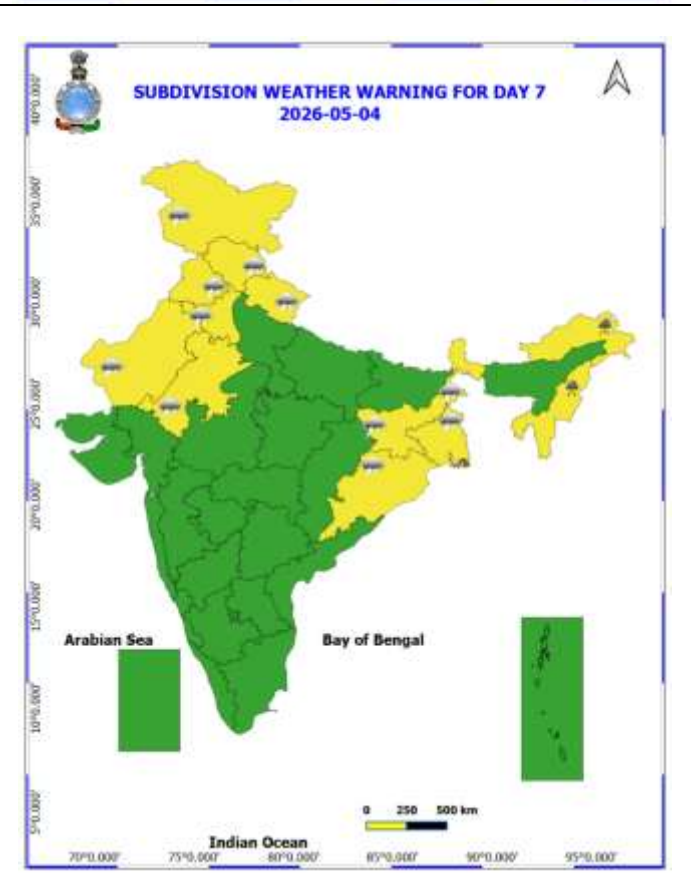
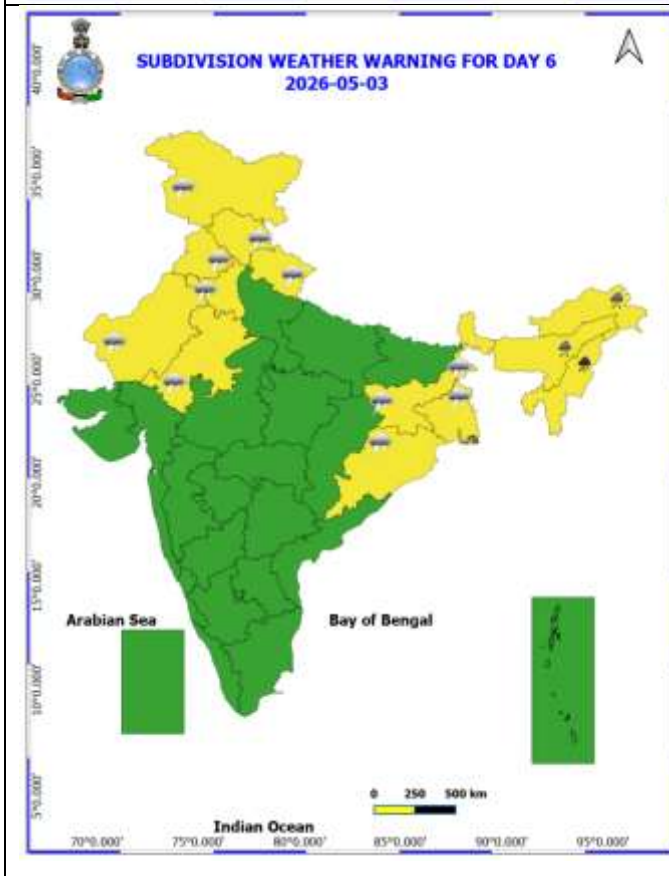
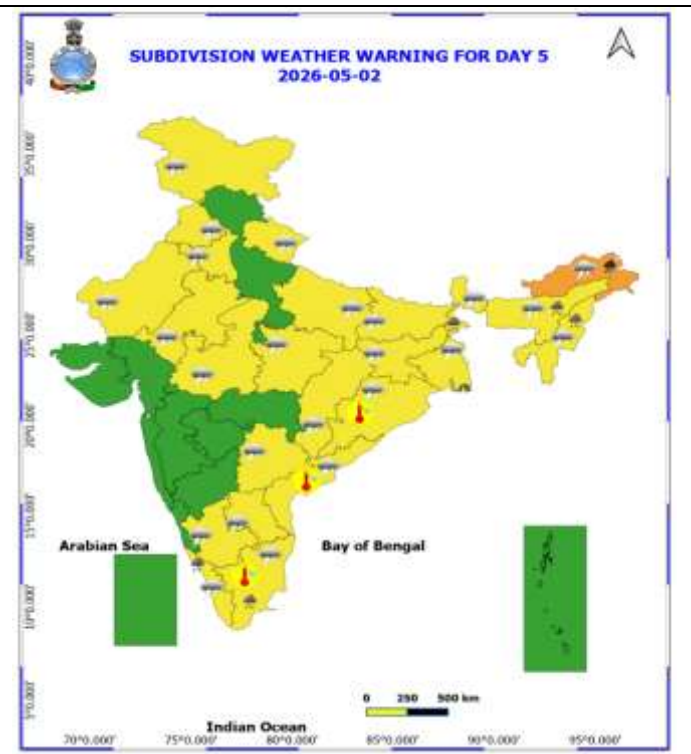
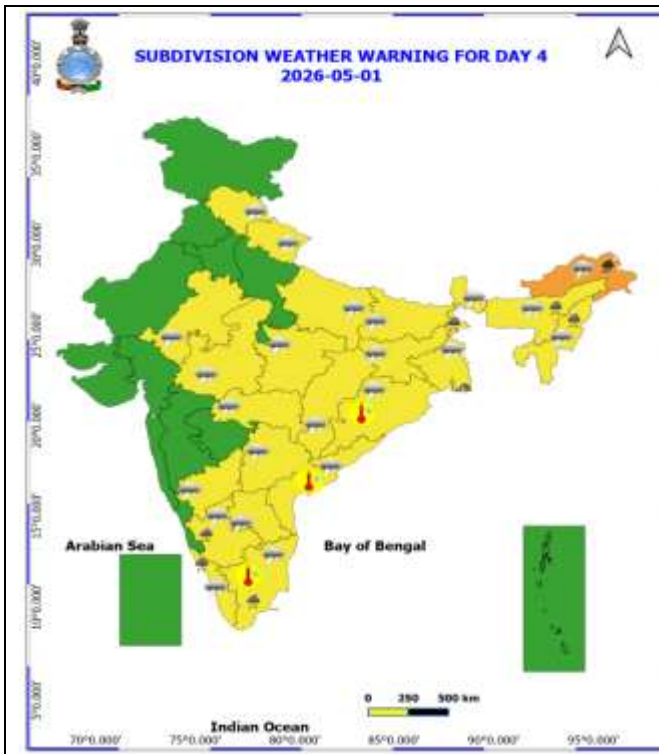
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Arunachal Pradesh:** Kalaktang 37
- ❖ **Assam & Meghalaya:** Guwahati 57, Mawkyrwat (Swkh) 41
- ❖ **Nagaland, Manipur, Mizoram & Tripura:** Chelengta 111, Nalkata 83, Kanchanpur 72, Hezamara 63, Kamalpur 57, Kailashahar 57
- ❖ **Gangetic West Bengal:** Dum Dum 51; Alipore 45; Asansol 56; Gangasagar 44
- ❖ **Odisha:** Mayurbhanj 65
- ❖ **Jharkhand:** Ranchi 52
- ❖ **Jammu-Kashmir:** Shopian 39, Gulmarg 33
- ❖ **Uttarakhand:** Jollygrant 54, Pantnagar_Amfu 46
- ❖ **Punjab:** Bathinda 57, Fazilka 56, Mohali 48
- ❖ **Haryana Chandigarh:** Rohtak 52, Chandigarh 46, Charkhi Dadri 59
- ❖ **West Uttar Pradesh:** G. B. Nagar 57, Aligarh 56, Hindon 52, Bulandshahar 41, Ghaziabad 39, Shamli 39, Muzaffarnagar 39, Agra 39 Jhansi 43
- ❖ **East Uttar Pradesh:** Lucknow 44, Bahraich 39
- ❖ **West Rajasthan:** Bikaner 40
- ❖ **West Madhya Pradesh:** Sehore 46, Ashoknagar, Agar, Indore44, Ujjain 39, Bhopal 37, Shivpuri, Dhar, Guna 35
- ❖ **East Madhya Pradesh:** Jabalpur 59, Rewa 46, Sagar, Satna 43, Sidhi, Shahdol 39
- ❖ **Vidarbha:** Buldhana 35
- ❖ **Chhattisgarh:** Koriya 54
- ❖ **Marathawada:** Latur 35
- ❖ **Gujarat Region:** Arnej(Ahmd) 43
- ❖ **Saurashtra & Kutch:** Khavda(Kutch) 52
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Natham_Isro (Dindigul) 65

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	28- Apr	29- Apr	30- Apr	1- May	2- May	3- May	4- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	DRY	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	FWS	FWS	WS	WS	WS	WS	FWS
3	ASSAM & MEHGHALAYA	WS	WS	WS	WS	WS	WS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	WS	WS	WS	FWS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	WS	WS	FWS	FWS	SCT	SCT
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
9	BIHAR	ISOL	SCT	SCT	ISOL	ISOL	ISOL	DRY
10	EAST UTTAR PRADESH	ISOL	SCT	SCT	SCT	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	SCT	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	SCT	FWS	FWS	SCT	SCT	SCT	SCT
13	HARYANA, CHANDIGARH & DELHI	SCT	SCT	ISOL	ISOL	ISOL	SCT	SCT
14	PUNJAB	ISOL	SCT	ISOL	ISOL	ISOL	SCT	ISOL
15	HIMACHAL PRADESH	SCT	FWS	SCT	ISOL	ISOL	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	FWS	SCT	ISOL	ISOL	SCT	FWS	FWS
17	WEST RAJASTHAN	ISOL	ISOL	DRY	DRY	ISOL	ISOL	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	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	ISOL
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	ISOL	SCT	SCT	SCT	ISOL	ISOL	ISOL
35	KERALA AND MAHE	SCT	FWS	FWS	FWS	FWS	SCT	SCT
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 28th April to 01st May 2026**Past Weather:**

There has been no large change in maximum temperatures and rise in the minimum temperature by 2-5°C during past 24 hours over Delhi. The maximum temperatures were in the range of 42-44°C and the minimum temperatures are in the range 26-29°C respectively during past 24 hours over Delhi. The minimum temperatures are markedly above normal (5.1°C or more) at isolated places, appreciably above normal (3.1°C to 5.0°C) over many places and normal (-1.5°C to 1.5°C) over remaining places over Delhi. The maximum temperatures were 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 58 kmph from the west direction prevailed over Delhi during past 24 hours. Partly cloudy sky with surface wind speed reaching up to 16 kmph likely to prevailed from the west direction over the region in the forenoon today.

Weather Forecast:

28.04.2026: Partly cloudy sky becoming generally cloudy sky towards afternoon. A spell of very light rain/drizzle accompanied with thunderstorm/lightning towards afternoon/evening. Sustained surface winds speed reaching 25-35 kmph gusting to 45 kmph during thunderstorm. The maximum temperatures over Delhi are likely to be in the range of 39°C to 41°C. The maximum temperatures will be above normal (1.6°C to 3.0°C) at many places over Delhi. The predominant surface wind is likely to be from the west direction with wind speed reaching up to 20 kmph during the afternoon hours. The surface wind speed will gradually decrease becoming less than 12 kmph from the southwest direction during evening and night.

29.04.2026: Partly cloudy sky becoming generally cloudy sky towards afternoon. One or two spells of very light to light rain accompanied with thunderstorm/lightning and strong surface winds speed reaching 20-30 kmph gusting to 40 kmph during afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 37°C to 39°C and 26°C to 28°C respectively. The minimum temperature will be appreciably above normal (3.1°C to 5.0°C) at many places and maximum temperatures 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 surface wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will be increase reaching up to 20 kmph from the southeast direction during the afternoon. The surface wind speed will decrease becoming less than 18 kmph from the southeast direction during evening and night.

30.04.2026: Partly cloudy sky becoming generally cloudy sky. A spell of very light to light rain accompanied with thunderstorm/lightning and strong winds speed reaching 30-40 kmph gusting to 50 kmph during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°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 below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from southeast direction with wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming less than 20 kmph from southeast direction during the afternoon. The surface wind speed will decrease becoming less than 14 kmph from the southeast direction during evening and night.

01.05.2026: Mainly clear sky. 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 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 east direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will be increase reaching up to 18 kmph from northwest direction during the afternoon. The surface wind speed will decrease becoming less than 12 kmph from the northeast direction during evening and night.

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 60-70 kmph gusting to 80 kmph)** likely over Tripura on 28th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Punjab and Haryana Chandigarh on 28th & 29th; over Assam & Meghalaya on 28th; over Gangetic West Bengal, Bihar, Jharkhand, Odisha during 28th -30th April.
- ❖ Isolated **Hailstorm activity** likely over Gangetic West Bengal on 28th; Jharkhand on 28th & 30th; over Interior Karnataka on 28th & 29th; over Himachal Pradesh on 29th & Uttarakhand on 28th & 29th 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 extremely heavy rainfall** likely over Meghalaya on 28th April.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 28th April-04th May, Assam & Meghalaya during 28th April-03rd May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 30th April-02nd May and Assam & Meghalaya; Nagaland, Manipur, Mizoram & Tripura on 28th & 29th April.
- ❖ **Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal; Kerala & Mahe during 30th April-02nd May; South Interior Karnataka on 30th 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 Rajasthan, East Madhya Pradesh, Vidarbha, Odisha and Telangana on 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 **Gangetic West Bengal, Himachal Pradesh, Uttarakhand, Interior Karnataka and Jharkhand**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

Agromet advisories for likely impact of Heavy Rainfall

- In **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-kharifrice, 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.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Maharashtra -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.
- **Madhya Pradesh** - Apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- **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.
- **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.
- **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

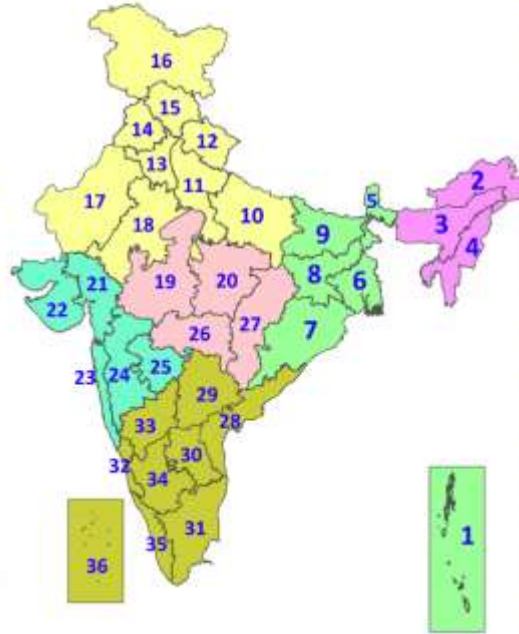
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.
- In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

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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