



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 09th May 2026
Time of Issue: 1400 hours IST

- Subject: (i) A fresh spell of isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) likely over northwest India during 11th -14th May, 2026.**
(ii) Isolated to scattered thunderstorms, lightning & gusty winds (40-60 kmph) and isolated heavy rainfall likely over Kerala, Tamil Nadu, Puducherry & Karaikal for next 7 days.
(iii) Heat wave conditions at isolated places likely over West Rajasthan and Gujarat state during 9th to 15th and over West Madhya Pradesh and East Rajasthan on 12th & 13th May, 2026.
(iv) A low-pressure area is likely to form over southwest Bay of Bengal around 11th May 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 09th May, 2026:

- ❖ **Heavy to very heavy rainfall** has been recorded at isolated places over Tamil Nadu; **Heavy rainfall (11-20 cm)** has been recorded at isolated places over Jharkhand, Kerala & Mahe and Coastal Karnataka.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds with speed reaching 50-80 kmph** prevailed at isolated places over Bihar, Jharkhand, West Madhya Pradesh, Odisha, Chhattisgarh, Marathwada, East Madhya Pradesh Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka; **with speed reaching 30-50 kmph** prevailed at isolated places over West Bengal & Sikkim, Konkan & Goa, Saurashtra Kutch, Arunachal Pradesh, Assam, Nagaland, Himachal Pradesh, Uttarakhand, Gujarat Region, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and North Interior Karnataka..
- ❖ **Hailstorm** reported over **East Madhya Pradesh, Marathawada, Bihar.**

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

- ❖ **Maximum Temperatures:** Yesterday, Maximum temperatures were in the range of 40°C and above over many parts of West Rajasthan, Gujarat state, some parts of Madhya Pradesh, East Rajasthan, isolated places of Marathwada, Rayalaseema, Vidarbha, Telangana; they were in the range of 36 -40°C over remaining parts of the country except over entire Western Himalayan region & adjoining plains, Indo-Gangetic plains, north & northeast India and many parts of east India where they are below 36°C. **The highest maximum temperature of 44.8°C is reported at PHALODI (RAJASTHAN).**
- ❖ **Maximum Temperature Departures:** Yesterday, Maximum temperatures are markedly below normal (< -5.1°C) at few places over Uttar Pradesh, Uttarakhand and Bihar; appreciably below normal (-3.0°C to -5.0°C) at few places over Himachal Pradesh Haryana, Chandigarh & Delhi, East Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal; at isolated places over Chhattisgarh , Gangetic West Bengal, Odisha and Andaman & Nicobar Islands; below normal (-1.6°C to -3.0°C) at isolated places over East Rajasthan, West Madhya Pradesh, Vidarbha, Marathwada. Telangana, Rayalaseema. They are appreciably above normal (3.1°C to 5.0°C) at isolated places over Assam; above normal (1.6°C to 3.0°C) at few places over Gujarat State, Kerala & Mahe, Lakshadweep; at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, Konkan & Goa, Manipur, Meghalaya.
- ❖ **Minimum/night temperatures** were in the range of 13-19°C over **Himachal Pradesh**, Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Manipur and Tamil Nadu, Puducherry & Karaikal. They were in the range of 20-26°C over remaining parts of the plains of the country.
- ❖ **Minimum/night Temperature** were above normal (1.6 to 3.0°C) over West Madhya Pradesh, coastal Maharashtra, Gujarat Region, Arunachal Pradesh and below normal or 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 Sub-Himalayan West Bengal & neighbourhood in lower and middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over East Rajasthan in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over East Madhya Pradesh & neighbourhood in lower tropospheric levels
- ❖ A **trough** runs from the above **upper air cyclonic circulation** over East Rajasthan to East Jharkhand in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over southeast Arabian Sea & adjoining Lakshadweep off Kerala coast in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over Gulf of manner and adjoining Sri Lanka in lower & middle tropospheric levels under its influence a **Low-pressure area** is likely to form over Southwest Bay of Bengal around 11th May, 2026.
- ❖ A **trough in easterly runs** from **upper air cyclonic circulation** over southeast Arabian Sea & adjoining Lakshadweep off Kerala coast to Marathwada in lower tropospheric levels.
- ❖ A **fresh Western Disturbance** is likely to affect Western Himalayan Region from 10th May, 2026.

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

Northwest India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Uttarakhand on 09th & 10th and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 10th May.
- ❖ Another fresh wet spell with **Scattered to Fairly widespread** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand during 11th -14th and isolated light rainfall over Punjab, Haryana Chandigarh during 11th -14th; Uttar Pradesh during 12th -14th May.
- ❖ Isolated **Hailstorm activity** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Himachal Pradesh & Uttarakhand on 12th & 13th May.

Northeast India:

- ❖ **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-40 kmph)** likely over Assam & Meghalaya during 10th-15th; Nagaland, Manipur, Mizoram & Tripura during 12th-15th and with lightning over Arunachal Pradesh on 11th -15th May.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 12th - 15th; Assam & Meghalaya during 11th -15th, Nagaland, Manipur, Mizoram & Tripura during 13th -15th May with very heavy rainfall over Assam & Meghalaya on 14th & 15th May.

East India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim on 09th - 15th; Gangetic West Bengal on 09th & 10th May.
- ❖ **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Bihar, Jharkhand and o3 during 09th-15th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal, on 09th & 10th; Jharkhand, Odisha & Sub-Himalayan West Bengal & Sikkim on 9th, Bihar on 9th, 12th & 13th May.
- ❖ Isolated **Hailstorm activity** likely over Bihar & Jharkhand on 09th May.

Central India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh on 09th; Vidarbha on 09th & 10th and Chhattisgarh 09th-13th May.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Chhattisgarh on 09th & 10thMay.

West India:

- ❖ **Isolated** light to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 40-50 kmph)** likely over Maharashtra for next 2 days.

South Peninsular India:

- ❖ **Scattered to fairly widespread thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and Lakshadweep, during 09th-13th; **isolated to scattered thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Coastal Andhra Pradesh & Yanam, Rayalaseema during 09th -13th; South Interior Karnataka during 09th -11th; Telangana. North Interior Karnataka and Coastal Karnataka on 09th & 10th May.
- ❖ **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days; Lakshadweep on 09th & 10th and Coastal Andhra Pradesh & Yanam & Rayalaseema on 14th & 15th May **with very heavy rainfall** over Tamil Nadu, Puducherry & Karaikal on 9th,14th & 15th, Kerala & Mahe on 14th & 15th May

Forecast of maximum/day temperatures:

- ❖ Gradual rise in maximum temperatures by 3-5°C likely over Northwest India during 9th-15th May.
- ❖ Gradual rise in maximum temperatures by 2-4°C likely over central India during 9th-15th May.
- ❖ No significant change in maximum temperatures likely over East India till 10th May and gradual rise by 2-3°C during 11th -14th May.
- ❖ Rise in maximum temperatures by 2-3°C likely over Gujarat by 10th May and no significant change during 11th - 15th May.
- ❖ No significant change in maximum temperatures likely over rest parts of the country till 15th May 2026.

Heat Wave, Hot & Humid weather conditions warning:

- ❖ **Heat wave conditions** likely to prevail in isolated pockets over West Rajasthan during next 7 days; East Rajasthan during 12th-15th; West Madhya Pradesh on 12th & 13th; and over Gujarat state during 09th -14th May.
- ❖ **Warm night conditions** likely to prevail in isolated pockets over West Rajasthan during 10th-14th May.
- ❖ **Hot & humid weather conditions** very likely to prevail in isolated pockets over Konkan & Goa on 09th & 10th May, 2026.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 09th May to 14th May, 2026:

- ❖ **Bay of Bengal:** Over isolated parts of southwest Bay of Bengal on 11th May; over most parts of southwest Bay of Bengal and adjoining southeast Bay of Bengal, along and off Sri Lanka Coast & over Gulf of Mannar, adjoining parts of Comorin Area on 12th May; over most parts of southwest Bay of Bengal and adjoining, some parts of southeast Bay of Bengal, along and off Tamil Nadu, Sri Lanka Coasts & over Gulf of Mannar, Comorin Area on 13th May.
- ❖ **Arabian Sea:** Along and off Kerala Coast & over Lakshadweep Area, adjoining parts of eastcentral Arabian Sea and Comorin Area on 09th and 10th May; along and off South Kerala Coast, over some parts of Lakshadweep Area on 13th May.

Weather conditions and forecast over Delhi/NCR during 09th -12th 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):

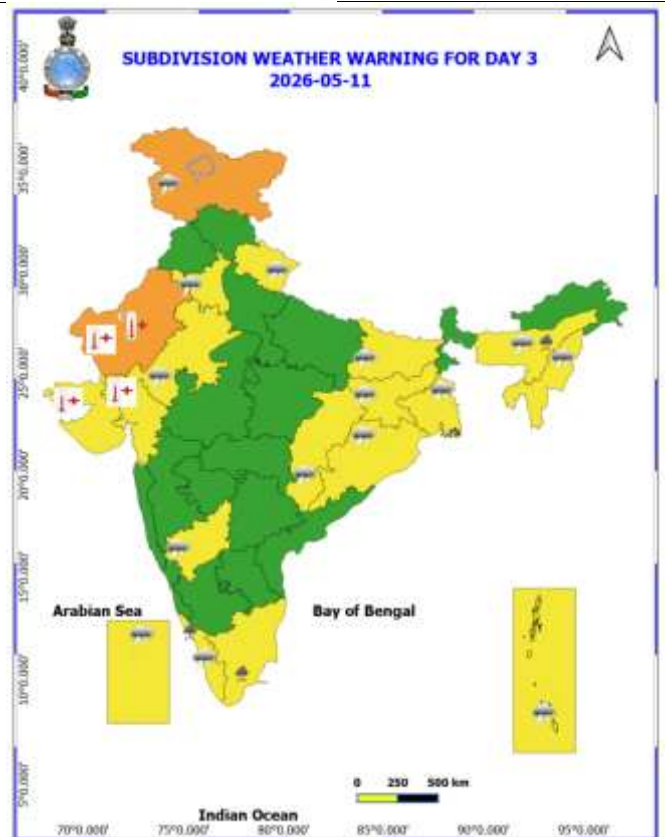
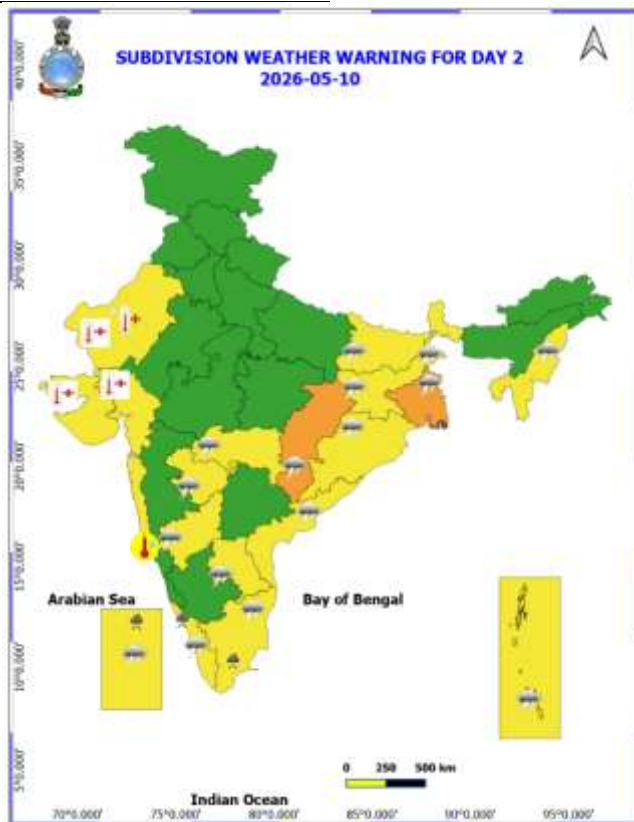
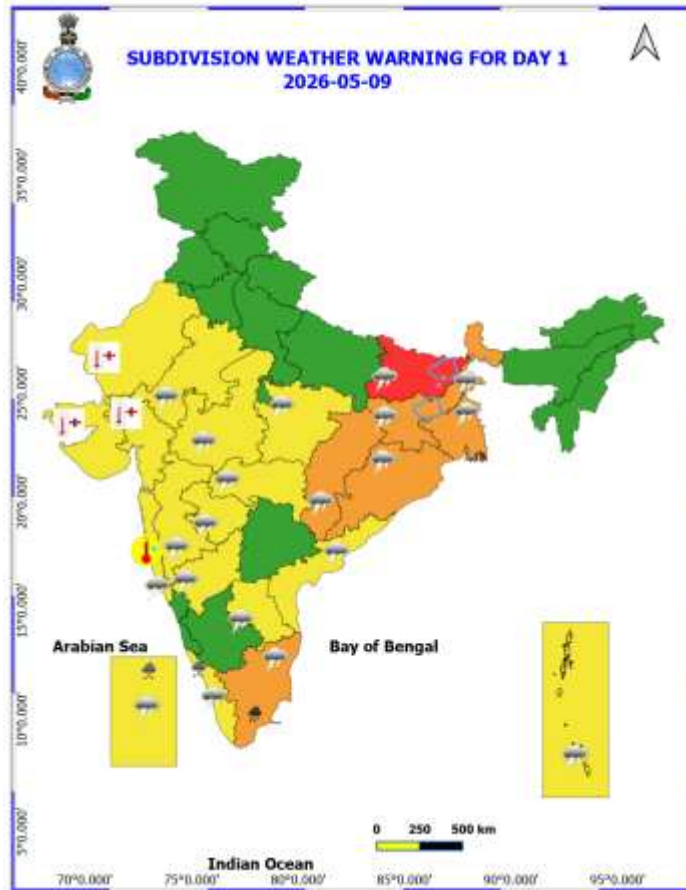
- ❖ **Kerala & Mahe: Kurudamannil (dist Pathanamthitta) 7**
- ❖ **Assam & Meghalaya: Williamnagar (dist East Garo Hills) 6.**

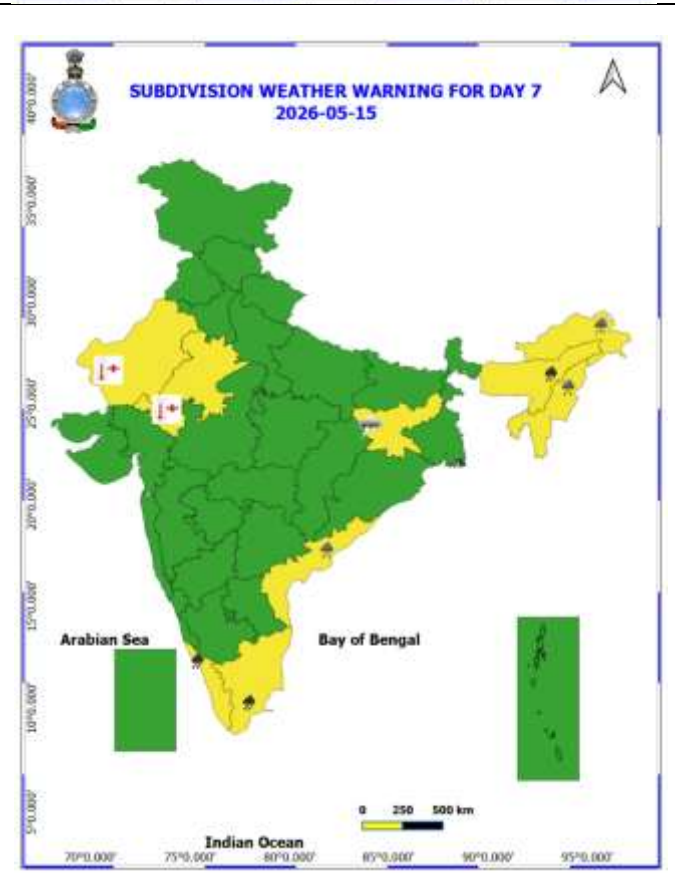
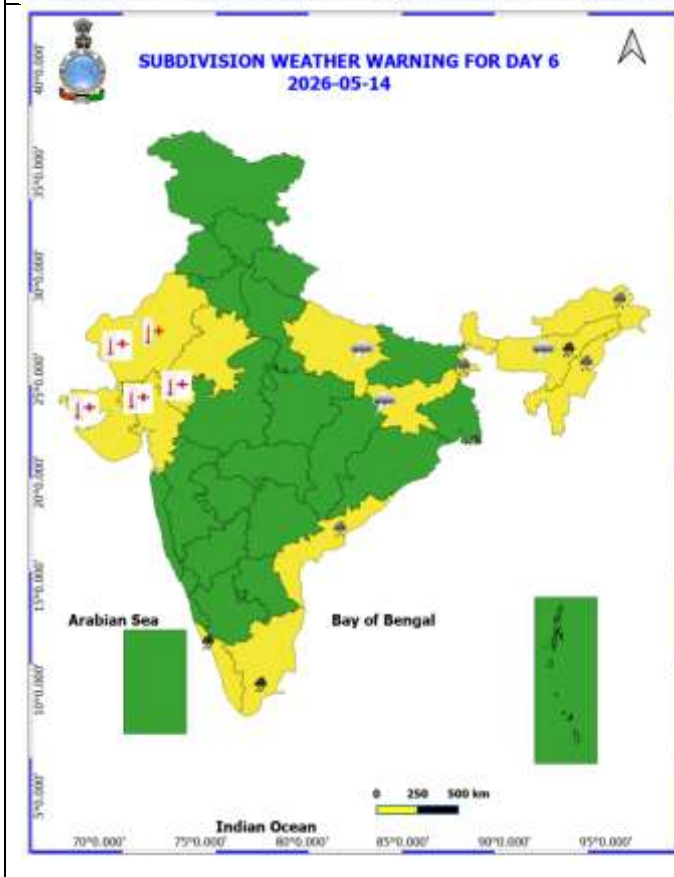
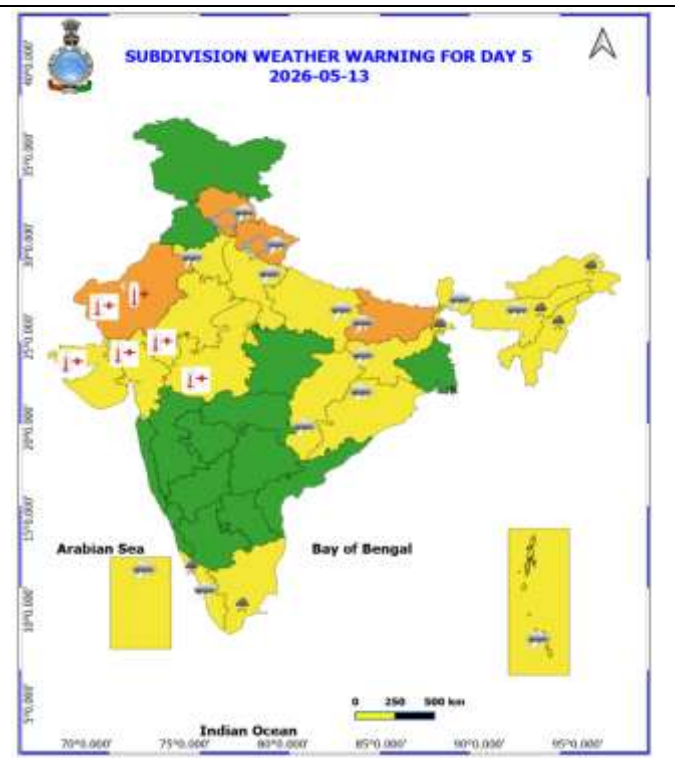
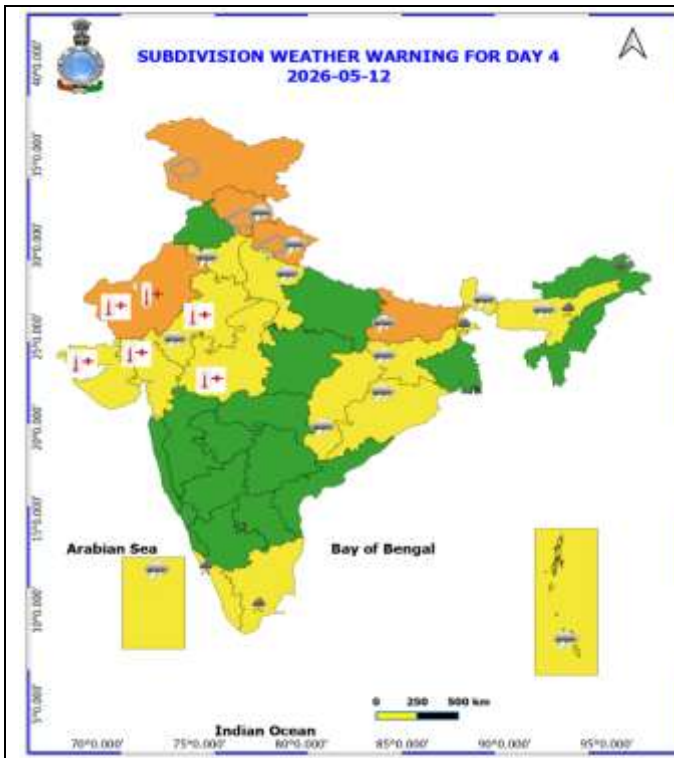
Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Bihar:** Patna (135)
- ❖ **Jharkhand:** Khunti (70)
- ❖ **West Madhya Pradesh:** Ashoknagar 67, Sehore 59, Agar 39, Rajgargh 35, Betul 33, Narmadapura, 33, Guna 30
- ❖ **Odisha:** Rourkela (65)
- ❖ **Chattisgarh:** Mungeli 63
- ❖ **Marathwada:** Marathwada Ambejogai (Beed) 59, Latur 44
- ❖ **West Bengal & Sikkim:** Nandakumar (50) Kharagpur, Shyampur (46), Nimpith (44)
- ❖ **Konkan & Goa:** Konkan Devgad (Sindhudurg) 48
- ❖ **Madhya Maharashtra:** Sangli 63, Kolhapur 46
- ❖ **East Madhya Pradesh:** Shadol 61, Jabalpur 44, Sagar 43, Satna 41, Anuppur 31
- ❖ **Saurashtrakutch:** Khavda(Kutch) 48
- ❖ **Arunachal Pradesh:** Kalaktang 39
- ❖ **Meghalaya:** Ampati 37
- ❖ **Nagaland:** Jharnapani 37, Kiphire 35
- ❖ **Himachal Pradesh:** Seobagh 37
- ❖ **Uttarakhand:** Ranichawri 30, Pantnagar 30
- ❖ **Gujarat Region:** Dantiwada(Banaskantha) 31

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

- 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 09th May to 12th May 2026**Past Weather:**

There has been a rise in maximum temperatures by about 2-3°C and a rise in minimum temperatures by 1-3°C during the past 24 hours over Delhi. The maximum temperatures were in the range of 34-36°C, and the minimum temperatures were in the range of 21-24°C, respectively, over the past 24 hours in Delhi. The minimum temperatures were appreciably below normal (-3.1°C to -5.0°C), below normal (-1.6°C to -3.0°C) at isolated places, and normal (-1.5°C to 1.5°C) at remaining places over Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at a few places, appreciably below normal (-3.1°C to -5.0°C) at a few places, and below normal (-1.6°C to -3.0°C) at isolated places over Delhi. Mainly clear sky with south-easterly winds prevailed with speed 15-20 kmph gusting to 37 kmph over Delhi during the past 24 hours. Mainly clear sky with surface wind speeds up to 20 kmph is likely to prevail from the east-northeast direction over the region in the forenoon today.

Weather Forecast:

09.05.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 35°C to 37°C. The maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places and appreciably below normal (-3.1°C to -5.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the east-southeast, with speeds reaching up to 10 kmph during the afternoon hours. The wind speed will increase and become less than 15 kmph from the southeast direction during the evening and night.

10.05.2026: Mainly clear sky. 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 near normal (-1.5°C to 1.5°C) at most places and above normal (1.5°C to 3.0°C). Maximum temperatures will be below normal (-1.5°C to -3.0°C) across 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 wind speed will decrease slightly and become less than 10 kmph from the southeast direction during the afternoon hours. The wind speed will increase and become less than 20 kmph from the southeast direction during the evening and night.

11.05.2026: Partly cloudy sky becoming generally cloudy sky towards evening. Very light to light rain accompanied by thunderstorm/ lightning and gusty winds (speed 30-40 kmph gusting to 50 kmph) towards evening/ night. 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 above normal (1.5°C to 3.0°C) at most places, and the maximum temperature will be normal (-1.5 to 1.5°C) over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 25 kmph during the morning hours. The surface wind speed will decrease, becoming up to 10 kmph from the southwest direction during the afternoon. The surface wind will increase, becoming less than 25 kmph from the southeast direction during the evening and night.

12.05.2026: Partly cloudy sky becoming generally cloudy sky towards the afternoon. very light to light rain accompanied by thunderstorm/ lightning and gusty winds (speed 30-40 kmph gusting to 50 kmph) towards afternoon/ evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 36°C to 38°C and 26°C to 28°C respectively. The minimum temperature will be above normal (1.5°C to 3.0°C) at most places, near normal (-1.5°C to 1.5°C) at isolated places. The maximum temperature will be below normal (-1.5 to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 25 kmph during the morning hours. The surface wind speed will decrease, becoming less than 15 kmph from the southeast direction during the afternoon. The surface wind speed will increase, becoming less than 25 kmph from the southeast direction during the evening and night.

Impact expected and Action Suggested due to thunderstorm with lightning/gusty winds:

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorms/lightning and gusty winds (speed 30 – 50 kmph) temporarily reaching 60 kmph during thunderstorms with dust rising surface winds.
- Breaking of tree branches, uprooting of large avenue trees, Large dead limbs blown from trees, Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.
- 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 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 Chhattisgarh on 09th & 10th; Gangetic West Bengal, on 09th & 10th; Jharkhand, Odisha & Sub-Himalayan West Bengal & Sikkim on 9th, Bihar on 9th, 12th & 13th May.
- ❖ **Isolated Hailstorm activity** likely Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 11th & 12th; Himachal Pradesh & Uttarakhand on 12th & 13th, Bihar & Jharkhand on 09th May.

Impact expected:

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

Action suggested:

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

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

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh during 12th – 15th; Assam & Meghalaya during 11th - 15th, Nagaland, Manipur, Mizoram & Tripura during 13th -15th May with very heavy rainfall over Assam & Meghalaya on 14th & 15th, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days; Lakshadweep on 09th & 10th and Coastal Andhra Pradesh & Yanam & Rayalaseema on 14th & 15th May **with very heavy rainfall** over Tamil Nadu, Puducherry & Karaikal on 9th,14th & 15th, Kerala & Mahe on 14th & 15th May

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

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

Impact expected and action suggested due to Heat wave conditions

- ❖ **Heat wave conditions** likely to prevail in isolated pockets over West Rajasthan during next 7 days; East Rajasthan during 12th-15th; West Madhya Pradesh on 12th & 13th; and over Gujarat state during 09th -14th May.

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 **Bihar** 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 **West Bengal & Sikkim**, ensure proper field drainage to avoid waterlogging in fields especially ginger, tomato and Dalle Khorsani fields. Maintain proper drainage channels in maize, bitter gourd & jute field. Keep the harvested maize produce to safe places.
- In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.
- In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in black gram, green gram, sugarcane, and vegetable plantations.

Agromet advisories for likely impact of High temperatures/ Heat Waves

- In **Gujarat**, apply light and frequent irrigation to cluster bean and vegetables like cucumber, ridge gourd, bottle gourd, sponge gourd, bitter gourd etc. during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.
- In **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.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

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

Livestock / Poultry / Fisheries

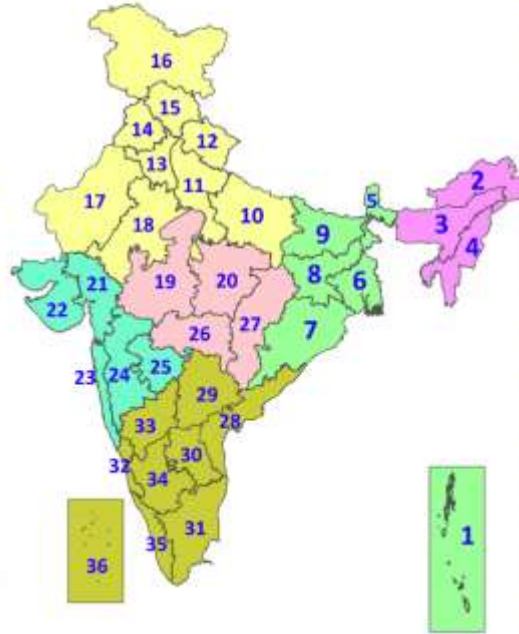
- Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of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

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

No Warning (No Action)
Watch (Be Aware)
Alert (Be Prepared To Take Action)
Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	<p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p>
Heat Wave	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
Thunderstorm	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
Dust/Sand Storm	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
Frost	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-67 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p>

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