

Government of India Ministry of Earth Sciences India Meteorological Department



Press Release
Date: 01st April, 2025
Time of Issue: 1315 hours IST

Subject: i. Moderate to intense Thunderstorm along with lightning & hailstorm activity likely over central & adjoining east India during next 3 days.

- ii. Thunderstorm, lightening & hailstorm along with isolated heavy rainfall likely over many parts of South Peninsular India during 02nd to 06th April, 2025.
- iii. Maximum temperature is likely to increase over northwest India by 3-5°C during next 7 days.

i.Realised weather during past 24 hours till 0830 hours IST of today, the 01st April 2025 (Annexure I):

- Squally/Gusty winds prevailed at isolated locations over West Madhya Pradesh, Assam & Meghalaya, Madhya Maharashtra, Marathawada and North Interior Karnataka.
- ❖ Very Heavy rainfall is reported at isolated places over Assam & Meghalaya.

For more details of realised weather, kindly refer Annexure I

Temperature:

❖ Temperature observations during past 24 hours till 0830 hours IST of today are provided in Annexure II.

ii. Weather Systems, Forecast and Warnings (Annexure III & IV):

- The Cyclonic Circulation lies over Madhya Maharashtra & neighbourhood in lower tropospheric levels; The trough runs from south Chhattisgarh to cyclonic circulation over Madhya Maharashtra & neighbourhood and the North-south trough runs form above Cyclonic Circulation over Madhya Maharashtra to Comorin area in the lower tropospheric levels. Under the influence of these systems and confluence of moist winds from Arabian sea and Bay of Bengal in lower tropospheric levels;
 - ✓ **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (speed 30-60 kmph)** likely over Gujarat State, Telangana on 01st & 02nd; Central India, Odisha, Madhya Maharashtra, Marathawada, during 01st-04th; Tamilnadu Puducherry & Karaikal, Kerala & Mahe and Karnataka during 01st-05th; Coastal Andhra Pradesh & Yanam, Rayalaseema during 02nd-05th April.
 - ✓ **Hailstorm** likely over Madhya Maharashtra, Marathawada on 01st & 02nd; Madhya Pradesh, Vidarbha, Chhattisgarh, South Interior Karnataka, Telangana on 02nd & 03rd; North Interior Karnataka during 02nd-04th; Jharkhand on 03rd; Odisha, Coastal Karnataka on 03rd & 04th April.
 - ✓ **Heavy rainfall** very likely at isolated places over Kerala & Mahe, South Interior Karnataka during 02nd-06th; Tamil Nadu Puducherry & Karaikal during 03rd-05th; Coastal Karnataka during 03rd-06th; north Interior Karnataka on 03rd & 06th; Andaman & Nicobar Islands on 04th; Coastal Andhra Pradesh & Yanam on 04th April.

Temperature Forecast:

Gradual rise in maximum temperatures by 3-5°C likely over Northwest India during next 7 days.

- ❖ Gradual fall in maximum temperatures by 2-4°C likely over Central India and Maharashtra during next 3 days and rise by 2-4°C during subsequent 4 days.
- ❖ Gradual fall in maximum temperatures by 2-4°C likely over South Peninsular India during next 5 days.
- ❖ No significant change in maximum temperatures likely over rest parts of the country during next 7 days.

Heat wave and Hot & Humid weather warning:

- ❖ Heat Wave conditions very likely to prevail at isolated pockets of Saurashtra & Kutch on 01st & 02nd; West Rajasthan during 05th-07th April.
- **❖** Hot & humid weather conditions very likely to prevail at isolated pockets of Tripura during 01st -03rd; Assam during 03rd-05th; Gujarat State during 03rd-07th April.
- **❖** Warm night very likely to prevail at isolated pockets of Vidarbha on 01st April.
- iv. Weather conditions and forecast over Delhi/NCR during 01st April to 04th April, 2025 (Annexure V)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all india forcast bulletin.php

For District wise warnings refer:

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

ANNEXURE I

Significant weather reported during past 24 hours till 0830 hours IST of today:

- ❖ Light/moderate Rainfall observed at isolated places over Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Northeast India, Konkan & Goa, Madhya Maharashtra, Marathawada, Kerala & Mahe, Coastal and North Interior Karnataka, Coastal Andhra Pradesh & Yanam.
- ❖ Thunderstorm with lightning reported at isolated places over Assam & Meghalaya, West Madhya Pradesh, Madhya Maharashtra, Marathawada and North Interior Karnataka.

Rainfall recorded (in cm):

- ❖ Assam & Meghalaya: Shella (dist East Khasi Hills) 20, Rattacherra (dist East Jaintia Hills) 5, Cherrapunji(rkm) (dist East Khasi Hills) 2, Cherrapunji (dist East Khasi Hills) 2,
- ❖ Nagaland, Manipur, Mizoram & Tripura: Kadamtala Arg (dist North Tripura) 2, Nutanbazar CWC (dist North Tripura) 2, Kadamtala CWC (dist North Tripura) 1.

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

- Yesterday, Maximum Temperatures had fallen by 1-2°C over many parts of Telangana, Tamilnadu Puducherry & Karaikal; at few places over Coastal Andhra Pradesh & Yanam, Gangetic West Bengal, Maharashtra, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; risen by 2-4°C at few places over Assam and isolated places over West Madhya Pradesh; by 1-2°C many places over Uttar Pradesh; a few places over Odisha, East Madhya Pradesh, Rajasthan, Saurashtra & Kutch; isolated places over Haryana Chandigarh & Delhi, Bihar and no significant change over rest parts of the country.
- ❖ Yesterday, Maximum Temperatures were in the range of 38-42°C at many places over Odisha, Vidarbha at a few places over Madhya Maharashtra, Marathwada, Gujarat state; at isolated places over Gangetic West Bengal, West Madhya Pradesh, Rayalaseema, North Interior Karnataka and 36-38°C at many places over East Uttar Pradesh, Bihar; at a few places over East Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal; at isolated places over West Rajasthan, Telangana, Coastal Karnataka. Yesterday, the highest maximum temperature of 42.0°C was reported at Jharsuguda (Odisha) over the country. (Fig.1)
- ❖ Yesterday, Maximum Temperatures were markedly above normal (5.1°C or more) at isolated places over Assam; appreciably above normal (3.1°C to 5.0°C) at a few places over Himachal Pradesh; at isolated places over Jammu Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Saurashtra & Kutch, Bihar, Odisha and Sub Himalayan West Bengal & Sikkim; above normal (1.6°C to 3.0°C) at many places over Punjab; at a few places over Haryana-Chandigarh-Delhi, East Uttar Pradesh, Jharkhand, West Rajasthan and Coastal Karnataka; at isolated places over West Uttar Pradesh, Uttarakhand, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada, Chhattisgarh, Gangetic West Bengal and Telangana. These were below normal (-3.0°C to -1.6°C) at isolated places over Coastal Andhra Pradesh & Yanam and Andaman & Nicobar Islands and near normal over rest parts of the country (Fig. 2). Yesterday, the highest maximum temperature of 42.0°C was reported at Jharsuguda (Odisha) over the country. (Fig. 2).

Fig. 1: Maximum Temperatures

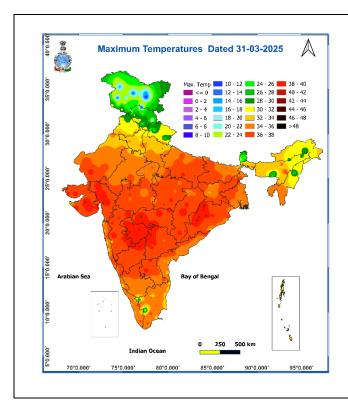
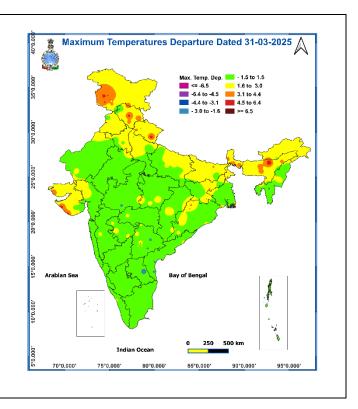
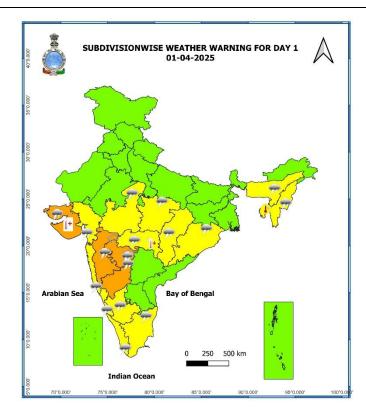


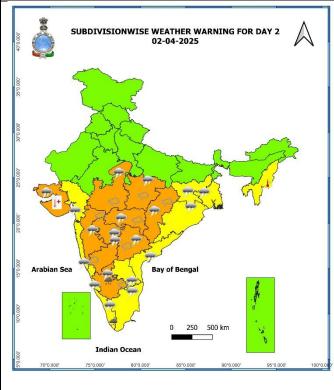
Fig. 2: Departure of Maximum Temperatures

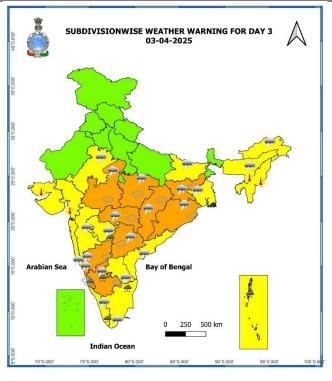


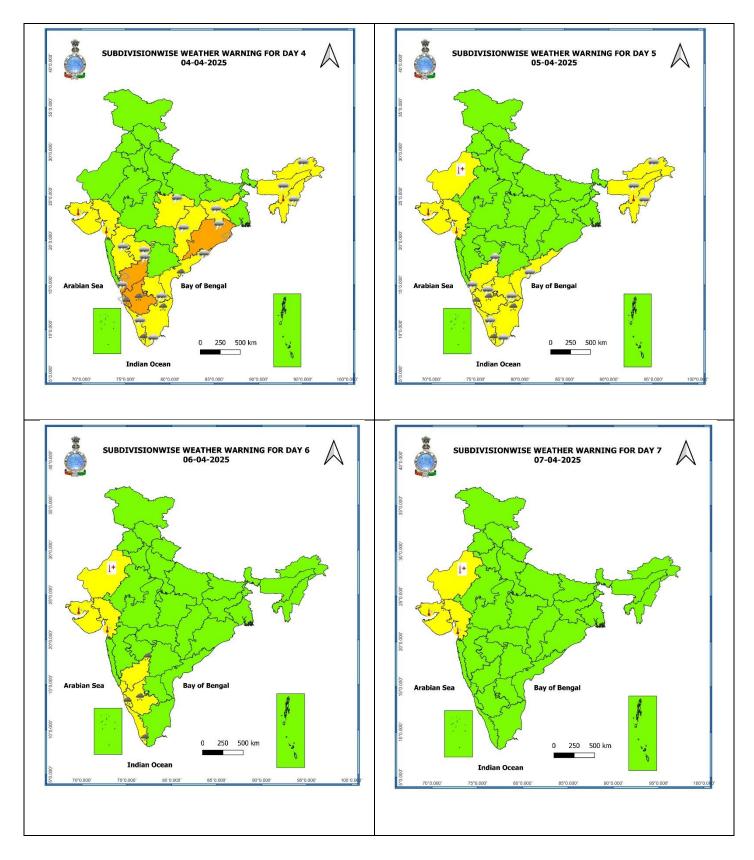
ANTEXURE III										
7 Days Rainfall Forecast										
S.		01-	02-	03-	04-	05-	06-	07-		
No.	Subdivision	Apr								
INO.		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7		
1	ANDAMAN & NICOBAR ISLANDS	SCT	FWS	WS	WS	FWS	SCT	SCT		
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL		
3	ASSAM & MEGHALAYA	ISOL	ISOL	ISOL	ISOL	FWS	SCT	SCT		
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	ISOL	DRY	DRY	ISOL	SCT	SCT	ISOL		
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	DRY	DRY	DRY	ISOL	DRY	ISOL	SCT		
6	GANGETIC WEST BENGAL	ISOL								
7	ODISHA	ISOL	ISOL	ISOL	SCT	ISOL	ISOL	ISOL		
8	JHARKHAND	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY		
9	BIHAR	DRY	DRY	ISOL	DRY	DRY	DRY	DRY		
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	DRY	DRY	DRY	DRY		
11	WEST UTTAR PRADESH	DRY	DRY	ISOL	DRY	DRY	DRY	DRY		
12	UTTARAKHAND	DRY	DRY	SCT	ISOL	DRY	DRY	DRY		
13	HARYANA CHANDIGARH & DELHI	DRY								
14	PUNJAB	DRY								
15	HIMACHAL PRADESH	DRY	DRY	SCT	DRY	DRY	DRY	DRY		
16	JAMMU & KASHMIR AND LADAKH	DRY	DRY	SCT	DRY	DRY	DRY	DRY		
17	WEST RAJASTHAN	DRY								
18	EAST RAJASTHAN	DRY	DRY	ISOL	DRY	DRY	DRY	DRY		
19	WEST MADHYA PRADESH	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY		
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY		
21	GUJARAT REGION	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY		
22	SAURASHTRA & KUTCH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY		
23	KONKAN & GOA	ISOL								
24	MADHYA MAHARASHTRA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL		
25	MARATHAWADA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL		
26	VIDARBHA	ISOL	SCT	ISOL	ISOL	DRY	DRY	DRY		
27	CHHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY		
28	COASTAL ANDHRA PRADESH & YANAM	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL		
29	TELANGANA	ISOL	SCT	FWS	FWS	SCT	ISOL	ISOL		
30	RAYALASEEMA	ISOL	ISOL	FWS	FWS	SCT	ISOL	ISOL		
31	TAMILNADU PUDUCHERRY & KARAIKAL	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL		
32	COASTAL KARNATAKA	ISOL	FWS	FWS	WS	WS	FWS	SCT		
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	WS	FWS	SCT	ISOL	ISOL		
34	SOUTH INTERIOR KARNATAKA	ISOL	SCT	WS	FWS	FWS	SCT	ISOL		
35	KERALA & MAHE	SCT	FWS	WS	WS	WS	WS	FWS		
36	LAKSHADWEEP	SCT	SCT	SCT	DRY	DRY	DRY	DRY		

• As the lead period increases forecast accuracy decreases.









- Action may be taken based on ORANGE AND RED COLOUR 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 01st to 04th Apr. 2025

Past Weather:

There has been rise in minimum temperature upto 02°C and rise in maximum temperature upto 03°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 35 to 37°C and 14 to 17°C respectively. The minimum temperature was below normal upto 04°C and maximum temperature was above normal upto 03°C at most places. Mainly clear sky conditions with predominant surface wind from the northwest direction with wind speeds less than 12 to 14 kmph prevailed during the past 24 hours. Mainly clear sky conditions with wind speed less than 10 kmph from the west-northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

01.04.2025: Mainly clear sky. The maximum temperature over Delhi is likely to be in the range of 36 to 38°C. The predominant surface wind will likely be from the northwest direction with a wind speed of less than 18 kmph till evening. It would increase thereafter becoming less than 10 kmph from the northwest direction during the night.

02.04.2025: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37 to 39°C and 16 to 18°C respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 06-08 kmph during morning hours. The wind speed will gradually increase thereafter becoming 10-12 kmph from the northwest direction during the afternoon. It will decrease becoming less than 08 kmph from the northeast direction during evening and night.

03.04.2025: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 37 to 39°C and 18 to 20°C respectively. The predominant surface wind will likely be from the northeast direction with a wind speed of 06-08 kmph during morning hours. The wind speed will gradually increase becoming 10-12 kmph from the northwest direction in the afternoon. It will decrease becoming less than 08 kmph from the northeast direction during evening and night.

04.04.2025: Mainly clear sky. Strong surface winds (speed 20-30 kmph) occasionally gusting to 40 kmph. The maximum and minimum temperatures over Delhi are likely to be in the range of 37 to 39°C and 19 to 21°C respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 06-08 kmph during morning hours. The wind speed will gradually increase becoming 16-18 kmph from the northwest direction in the afternoon. It will decrease becoming less than 10 kmph from the northeast direction during evening and night.

Impact expected and action suggested due Heat Wave conditions over Saurashtra & Kutch on 01st & 02nd; West Rajasthan during 05th -07th April.

Orange 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.

Yellow alert Areas

- Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.
- > Avoid heat exposure.
- Wear lightweight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.

Impact expected and action suggested due to isolated thunderstorm with lightning/gusty winds & Hailstorm over central and adjoining East & Peninsular India during 01st -04th April.

Impact expected:

- 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:

- 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.

Agromet advisories for likely impact of Hailstorm, Heavy Rainfall, Strong Surface Winds

- ➤ In Madhya Maharashtra, Marathwada, Vidarbha, Karnataka, Telangana, Madhya Pradesh, Chhattisgarh, Odisha and Jharkhand, Immediately harvest the matured crops, fruits and vegetables and shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields to avoid the adverse impact of likely hailstorm. Use hail net and hail caps to prevent mechanical damage in orchards due to hailstorms.
- ➤ In **Tamilnadu**, **Kerala**, **Karnataka** and **Coastal Andhra Pradesh**, make provision to drain out excess water from standing crop and vegetable fields.
- ➤ In **Saurashtra & Kutch**, apply light and frequent irrigation to standing crops in the evening to protect them from heat waves.
- > Provide mechanical support to horticultural crops and staking to vegetables to avoid lodging.

Livestock/ Poultry/ Fishery

- ➤ Keep the animals inside the shed during heavy rainfall/hailstorm and provide them balanced feed.
- > Store feed and fodder in a safe place to prevent spoilage.
- > To reduce the effect of heat wave/high temperature, cover the roof of poultry sheds with grass. Also provide clean, hygienic and plenty of drinking water to animals.
- > Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Legends & abbreviations:

- **♦ Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ Obsy: Observatory; AWS: Automatic Weather Station; ARG: Automatic Rain Gauge; dist: District: NH: National Highway; KVK: Krishi Vigyan Kendra; DVC: Damodar Valley Corporation; PTO: Part Time Office, Aero: Aerodrome, IAF: Indian Air Force.
- **Region** wise classification of meteorological Sub-Divisions:
 - Northwest India: Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - Central India: West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - East India: Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - West India: Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
 - South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.



राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre India Meteorological Department **Ministry of Earth Sciences**

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4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा 5. उप-हिमालयी पश्चिम बंगाल और सिक्किम

6. गंगीय पश्चिम बंगाल



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. आतंरिक उत्तरी कर्नाटक

Sust Raising Winds

34. आतंरिक दक्षिणी कर्नाटक

35. केरल और माहे

36. लक्षद्वीप



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. Puniab

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)



Strong Surface Winds

Probability of Occurrence (%) Very Likely 50 - 75 Most Likely > 75





DEFINITION/CRITERIA Heavy: 64.5 to 115.5 mm/cm * Very Heavy: 115.6 to 204.4 mm/cm Rain/ Snow * Extremely Heavy: > 204.4 mm/cm When maximum temperature of a station reaches ≥40° C for plains and ≥30° C for hilly regions (a) Based on Departure from normal Heat Wave: Maximum Temperature Departure from normal 4.5° C to 6.4° C. Severe Heat Wave: Maximum Temperature Departure from normal ≥6.5° C (b). Based on Actual maximum temperature **Heat Wave** Heat Wave: When actual maximum temperature ≥45°C Severe Heat Wave: When actual maximum temperature ≥47°C (c). Criteria for heat wave for coastal stations When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°C When maximum temperature remains 40°C Warm Night: When minimum temperature departure 4.5 °C to 6.4 °C. **Warm Night** Severe Warm Night: When minimum temperature departure >6.4 °C. When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions. (a). Based on departure Cold Wave: Minimum Temperature Departure from normal -4.5 °C to -6.4 °C Severe Cold Wave: Minimum Temperature Departure from normal \leq -6.5 °C **Cold Wave** (b) Based on actual Minimum Temperature (for Plains only) Cold Wave : When Minimum Temperature is ≤ 4.0 °C Severe Cold Wave: When Minimum Temperature is ≤ 2.0 °C (c) For Coastal Stations When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions Based on departure **Cold Day** Cold Day: Maximum Temperature Departure from normal -4.5 °C to -6.4 °C. Severe Cold Day: Maximum Temperature Departure from normal ≤ -6.5 °C Phenomenon of small droplets suspended in air and the horizontal visibility < 1km Moderate Fog: When the visibility between 500-200 metres Dense Fog: when the visibility between 50- 200 metres Fog Very Dense Fog: when the visibility < 50 metres Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder) Thunderstorm **Dust/Sand** An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind. Ice deposits on ground Frost Air temperature ≤4°C (over Plains) A strong wind that rises suddenly, lasts for atleast 1 minute. Moderate: Wind speed 52-61 kmph Squall Severe: Wind speed 62-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea over specific area Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre Sea State High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots) Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots) Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots) Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots) Cyclone Super Cyclone Strom: Wind speed >220 kmph (>119 knots)

* 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)

Hot and Humid: When maximum temperatures remain 3°C above normal along with the above normal relative humidity.