

Government of India Ministry of Earth Sciences India Meteorological Department



Press Release Date: 05th March, 2025

Time of Issue: 1345 hours IST

Subject: i) Strong surface winds (25-35 kmph gusting to 45 kmph) likely to prevail over the plains of Northwest India including Delhi during next 24 hours.

ii) Isolated to scattered light to moderate rainfall/snowfall likely over Jammu, Kasmir, Ladakh and Himachal Pradesh during 09th -11th March, 2025.

i. Realised weather during past 24 hours till 0830 hours IST of today, the 05th March 2025:

- ❖ Light to moderate Rainfall/Snowfall observed at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh & Arunachal Pradesh; at isolated places over Uttarakhand. Light Rainfall observed at isolated places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Punjab, Haryana and Kerala & Mahe.
- **Thunderstorm with lightning** reported at isolated places over Uttarakhand.
- **Hailstorm** recorded at isolated places over Uttarakhand.
- ❖ Gusty winds observed at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Haryana, Delhi and Uttar Pradesh.
- ❖ For more details of realised weather, kindly refer Annexure I

Temperature:

❖ For temperature observations during past 24 hours till 0830 hours IST of today are provided in **Annexure II**

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

- ❖ A fresh **Western Disturbance** is likely to affect Western Himalayan region from 09th March, 2025. Under its influence:
 - ✓ **Isolated to Scattered** light/moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad & Himachal Pradesh during 09th 11th and Uttarakhand on 11th March.
- A cyclonic circulation lies over northeast Assam in lower tropospheric levels. Under its influence, Scattered light/moderate rainfall/snowfall accompanied with thunderstorm and lightning likely over Arunachal Pradesh and Isolated light/moderate rainfall likely over Assam & Meghalaya on 05th march.
- **❖ Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds** (speed 30-40 kmph) likely over Bihar on 08th; with **thunderstorm & lightning** over Sub-Himalayan West Bengal & Sikkim on 07th & 08th March.
- **Strong surface winds (25-35 kmph gusting to 45 kmph) likely to prevail over the plains of Northwest India including Delhi during next 24 hours.**

Temperature Forecast:

Forecast of temperature:

Maximum temperature:

- ❖ No significant change in maximum temperatures likely over Northwest India during next 24 hours and gradual rise by 4-6°C thereafter.
- No significant change in maximum temperatures likely over Central India (except Vidarbha) during next 2 days and gradual rise by 3-4°C thereafter.
- ❖ Gradual fall in maximum temperatures by 2-3°C likely over Vidarbha during next 2 days and gradual rise by 3-5°C thereafter.
- No significant change in maximum temperatures likely over East India during next 3 days and gradual rise by about 2°C thereafter.

- Gradual rise in maximum temperatures by 2-3°C likely over Northeast India during next 2-3 days and no significant change thereafter.
- ❖ No significant change in maximum temperatures likely over Maharashtra, Telangana & North Interior Karnataka during next 2 days and gradual rise by 2-3°C thereafter.
- ❖ No significant change in maximum temperatures likely over Gujarat Region during next 24 hours and gradual rise by 3-5°C thereafter.
- ❖ No significant change in maximum temperatures likely over South India (except Telangana & North Interior Karnataka) during next 5 days.

Hot & Humid weather warnings:

❖ Hot and humid weather very likely to prevail over Kerala & Mahe on 05th & 06th March.

Fishermen Warnings:

❖ Fishermen are advised not to venture into along and off Gujarat coast on 05th March.

iii. Weather conditions and forecast over Delhi/NCR during 05th March to 08th March. 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:

Rainfall/snowfall recorded (in cm)

- ❖ Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad: Kupwara (dist Kupwara) 2, Larnoo (dist Anantnag) 2;
- Arunachal Pradesh: Tuting (dist Upper Siang) 1, Tuting (dist Upper Siang) 1, Kabu Basti (dist West Siang)

Thunderstorm reported:

Uttarakhand: Dehradun and Mussoorie.

Hailstorm reported:

Uttarakhand: Mussoorie.

Gusty winds reported (in Kmph):

Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad: Ramban 39; Himachal Pradesh: Tabo 46; Punjab: Mohali 48; Haryana: Ujha 43, Pandu Pindara 41, Bopani 41; West Uttar Pradesh: Agra 41; East Uttar Pradesh: Gorakhpur 33, Lucknow 44

- ❖ Maximum temperatures were in the range of 35-39°C at most places over Maharashtra state, Telangana, Kerala, Coastal & north interior Karnataka, south Chhattisgarh, Odisha, extreme south Gangetic West Bengal, north interior Tamil Nadu; 30-35°C at most places over remaining parts of Karnataka and Tamil Nadu, Andhra Pradesh, Gujarat, Madhya Pradesh, north Chhattisgarh, Jharkhand, remaining parts of Gangetic West Bengal, Bihar, East Uttar Pradesh, Mizoram and Tripura; 25-30°C over remaining parts of plains of Northwest India and Northeast India. Yesterday, the highest maximum temperature of 39.4°C was reported at Sholapur (Madhya Maharashtra) over the country.
- During the past 24 hours, maximum temperatures had fallen by 2-5°C at many places northwest India and west Madhya Pradesh. It had risen by 1-2°C at many places over Jammu Division, Himachal Pradesh, Saurashtra & Kutch, Vidarbha, East Madhya Pradesh, East Uttar Pradesh, Chhattisgarh, Assam, East Telangana, south Tamil Nadu, coastal Karnataka and no significant change over rest parts of the country.
- Maximum temperatures were appreciably above normal (3°C to 5°C) at a few places over Odisha; at isolated places over Coastal Karnataka; above normal (1°C to 3°C) at many places over Vidarbha and Telangana; at a few places over Konkan & Goa and Coastal Andhra Pradesh & Yanam; at isolated places over East Uttar Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Marathwada, Gangetic West Bengal, Bihar, Assam & Meghalaya, North Interior Karnataka, Coastal Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal. These were markedly below normal (-5°C or less) at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; appreciably below normal (-3°C to -5°C) at isolated places over West Rajasthan; below normal (-3°C to -1°C) at isolated places over East Rajasthan, West Madhya Pradesh and near normal over rest parts of the country.

Fig. 1: Maximum Temperatures

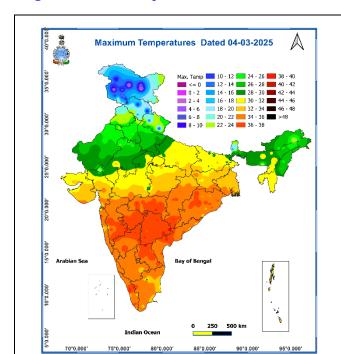
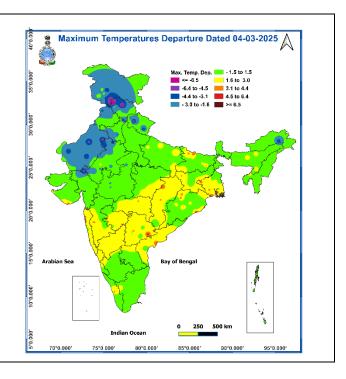
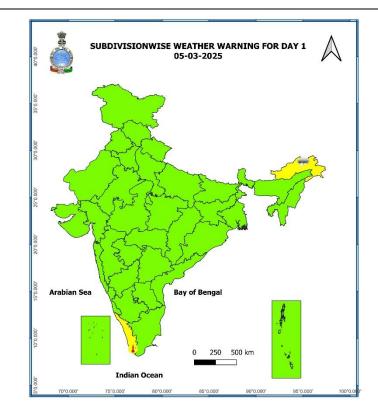


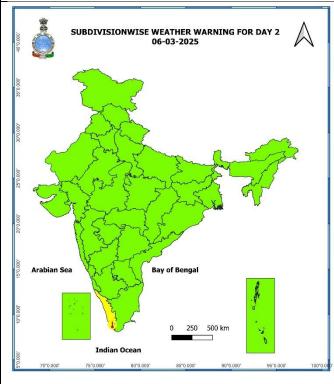
Fig. 2: Departure of Maximum Temperatures

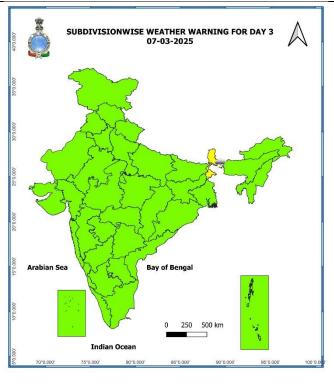


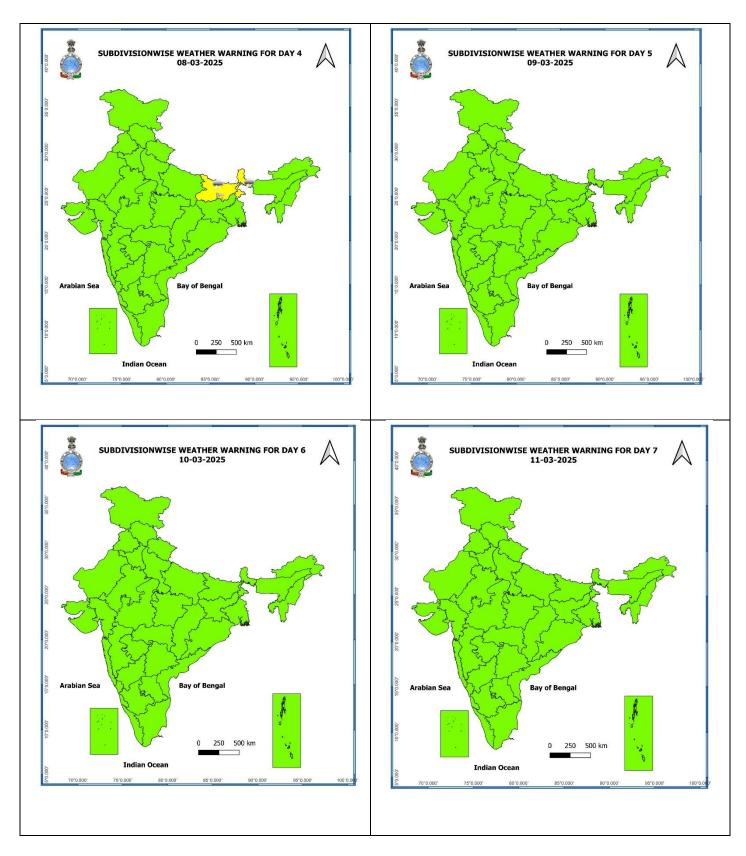
7 Days Rainfall Forecast								
		05-	06-	07-	08-	09-	10-	11-
S.	Subdivision	Mar						
No.		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	DRY	DRY	ISOL	SCT	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	DRY	DRY
3	ASSAM & MEGHALAYA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM & TRIPURA	DRY						
5	SUB-HIMALAYAN WEST BENGAL & SIKKIM	ISOL	ISOL	SCT	SCT	ISOL	ISOL	DRY
6	GANGETIC WEST BENGAL	DRY						
7	ODISHA	DRY						
8	JHARKHAND	DRY						
9	BIHAR	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	DRY						
11	WEST UTTAR PRADESH	DRY						
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
13	HARYANA CHANDIGARH & DELHI	DRY						
14	PUNJAB	DRY						
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	ISOL	SCT	SCT
16	JAMMU & KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	ISOL	FWS	SCT
17	WEST RAJASTHAN	DRY						
18	EAST RAJASTHAN	DRY						
19	WEST MADHYA PRADESH	DRY						
20	EAST MADHYA PRADESH	DRY						
21	GUJARAT REGION	DRY						
22	SAURASHTRA & KUTCH	DRY						
23	KONKAN & GOA	DRY						
24	MADHYA MAHARASHTRA	DRY						
25	MARATHAWADA	DRY						
26	VIDARBHA	DRY						
27	CHHATTISGARH	DRY						
28	COASTAL ANDHRA PRADESH & YANAM	DRY						
29	TELANGANA	DRY						
30	RAYALASEEMA	DRY						
31	TAMILNADU PUDUCHERRY & KARAIKAL	DRY	DRY	DRY	DRY	DRY	ISOL	SCT
32	COASTAL KARNATAKA	DRY						
33	NORTH INTERIOR KARNATAKA	DRY						
34	SOUTH INTERIOR KARNATAKA	DRY						
35	KERALA & MAHE	ISOL						
36	LAKSHADWEEP	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 05th Mar. to 08th Mar. 2025

Past Weather:

There has been a fall in minimum and maximum temperatures upto $03 - 04^{\circ}\text{C}$ over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi are in the range of 26 to 28°C and 10 to 12°C , respectively. The minimum temperature was below normal upto 03°C and maximum temperature was near normal over most places. Mainly clear sky conditions with predominant surface wind from the northwest direction with wind speeds less than 20 to 22 kmph prevailed during the past 24 hours. Mainly clear sky conditions with wind speed less than 20 kmph from the northwest direction and gusty wind upto 40 kmph prevailed over the region in the forenoon today.

Weather Forecast:

05.03.2025: Mainly clear sky. Strong surface winds (speed 25 – 35 kmph) and gusty wind upto 40 kmph. The maximum temperature over Delhi is likely to be in the range of 25 to 27°C. The predominant surface wind will likely be from the northwest direction with a wind speed of less than 24 kmph till evening. It would decrease thereafter becoming less than 18 kmph from the northwest direction during the night.

06.03.2025: Mainly clear sky. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 28 to 30°C and 12 to 14°C, respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 14-18 kmph during morning hours. The wind speed will gradually decrease thereafter becoming 12-14 kmph from the northwest direction during the afternoon. It will decrease becoming less than 08 kmph from the north direction during evening and night.

07.03.2025: Mainly clear sky. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 28 to 30°C and 12 to 14°C, respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 04-06 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 northwest direction during evening and night.

08.03.2025: Mainly clear sky. Mist likely in the morning. The maximum and minimum temperatures over Delhi are likely to be in the range of 30 to 32°C and 14 to 16°C, respectively. The predominant surface wind will likely be from the northwest direction with a wind speed of 08-10 kmph during morning hours. The wind speed will gradually increase becoming 14-16 kmph from the northwest direction in the afternoon. It will decrease becoming less than 08 kmph from the north direction during evening and night.

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**

16

- 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. आतंरिक उत्तरी कर्नाटक
- 34. आतंरिक दक्षिणी कर्नाटक
- 35. केरल और माहे

Hailstorm

Sust Raising Winds

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. 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)



Hot & Humid

Strong Surface Winds

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
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.