राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

Monday, May 5, 2025
Time of Issue: 2000 hours IST
(NIGHT)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features:

Weather Systems, Forecast and Warnings:

- The Western Disturbance as a cyclonic circulation over central Pakistan adjoining Punjab & northwest Rajasthan in lower to upper tropospheric levels.
- An upper air cyclonic circulation lies over northeast Rajasthan & neighbourhood and another over south Pakistan & adjoining southwest Rajasthan in lower tropospheric levels.
- An east-west trough runs from East Rajasthan to north Bangladesh in lower tropospheric levels.
- The north-south trough runs from southeast Madhya Pradesh to South Interior Karnataka across Marathwada, Telangana, North Interior Karnataka in lower tropospheric levels.
- An upper air cyclonic circulation lies over south Tamil Nadu & neighbourhood and another over Northeast Assam in lower tropospheric levels.
- Under the influence of these systems, the following weather is likely:

Northwest India:

- ✓ **Scattered to fairly widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds speed reaching 40-60 kmph** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh and isolated to scattered rainfall over Rajasthan during 05th-11th May.
- ✓ **Isolated hailstorm** very likely over Uttarakhand on 05th & 06th and over Himachal Pradesh, Punjab, Haryana Chandigarh, Uttar Pradesh on 05th May.
- ✓ **Thundersquall (speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over Himachal Pradesh during 05th-08th; Uttarakhand on 05th & 06th; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Haryana Chandigarh, Uttar Pradesh on 05th May.
- ✓ **Duststorm** very likely at isolated places over West Rajasthan during 05th-09th and over East Rajasthan on 05th & 06th May.
- ✓ **Isolated heavy rainfall** likely over Uttarakhand on 06th & 07th; over Rajasthan during 05th-07th May.

West India:

- **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph gusting to 50 kmph** likely over Gujarat, Konkan & Goa, Madhya Maharashtra and Marathawada during 05th-09th May.
- **Isolated hailstorm** activity very likely over Madhya Maharashtra on 06th & 07th and over Marathawada on 07th May.
- **Thundersquall** wind speed reaching 50-60 kmph gusting to 70 kmph likely over Gujarat state during 05th-08th May.
- **Isolated heavy rainfall** likely over Gujarat state during 05th-08th May with **very heavy rainfall** over Gujarat region on 06th May.

East & Central India:

- **Scattered to fairly widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 40-50 kmph gusting to 60 kmph** likely over Bihar, Jharkhand, Odisha, West Bengal & Sikkim till 07th; Madhya Pradesh, Vidarbha, Chhattisgarh till 09th May.
- **Thundersquall (speed reaching 50-60 kmph gusting to 70 kmph)** very likely at isolated places over West Madhya Pradesh on 05th & 06th; East Madhya Pradesh during 05th-07th; Vidarbha, Chhattisgarh, Bihar on 05th May.
- **Isolated hailstorm** activity likely over West Madhya Pradesh, Vidarbha, Chhattisgarh on 05th; East Madhya Pradesh during 05th-07th May.

South peninsular India:

- **Isolated to Scattered** light/moderate rainfall accompanied with **thunderstorm, lightning & strong winds speed reaching 30-40 kmph gusting to 50 kmph** likely over South Interior Karnataka, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal during next 7 days.
- **Isolated hailstorm** very likely over Telangana on 05th May.
- **Thundersquall** wind speed reaching 50-60 kmph likely over Coastal Andhra Pradesh & Yanam, Rayalaseema during 05th-07th May.
- **Isolated heavy rainfall** over Tamilnadu Puducherry & Karaikal, Rayalaseema on 05th & 06th; Coastal Andhra Pradesh & Yanam during 05th-07th; Kerala & Mahe on 05th and during 07th-09th May.

Northeast India:

- **Fairly widespread to widespread** light/moderate rainfall accompanied with **thunderstorm, lightning & gusty winds speed reaching 30-40 kmph gusting to 50 kmph** likely over Northeast India during next 7 days.
- **Isolated heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya on 06th, 07th & 08th May.

Temperature Forecast:

- No significant change in maximum temperatures likely over Northwest India & Central India during next 4 days and rise by 2-3°C thereafter for subsequent 4 days.
- No significant change in maximum temperatures likely over East India during next 48 hours and rise by 3-5°C thereafter for subsequent 4 days.
- Gradual fall in maximum temperature likely over West India by 3-5°C during next 4-5 days.
- No significant change in maximum temperatures likely over rest parts of the country.

Heat wave, warm night and Hot & Humid weather warning:

- **Hot & humid weather** is likely to prevail over Gangetic West Bengal, Odisha during 08th-11th May.

Main Weather Observations:

- **Rainfall observed** (from 0830 hours IST to 1730 hours IST of today): at a few places over Arunachal Pradesh, Himachal Pradesh, East Rajasthan; at isolated places over Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim, Odisha, Chhattisgarh, Uttar Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Uttarakhand, Punjab, Haryana-Chandigarh-Delhi, Madhya Pradesh, Madhya Maharashtra, South Interior Karnataka, Kerala & Mahe, Lakshadweep and **Dry** over rest of the country.

- **Significant amount of rainfall recorded** (from 0830 hours IST to 1730 hours IST of today) (in cm): **Himachal Pradesh:** Solan & Nahan -1 each; **East Rajasthan:** Chittorgarh -4; Udaipur -1; **Chhattisgarh:** Ambikapur -1; **Haryana-Chandigarh-Delhi:** Chandigarh -2; **Andaman & Nicobar Islands:** Port Blair -1;

- **Hailstorm occurred** (at 1730 hours IST of today) at isolated places over Gujarat Region.

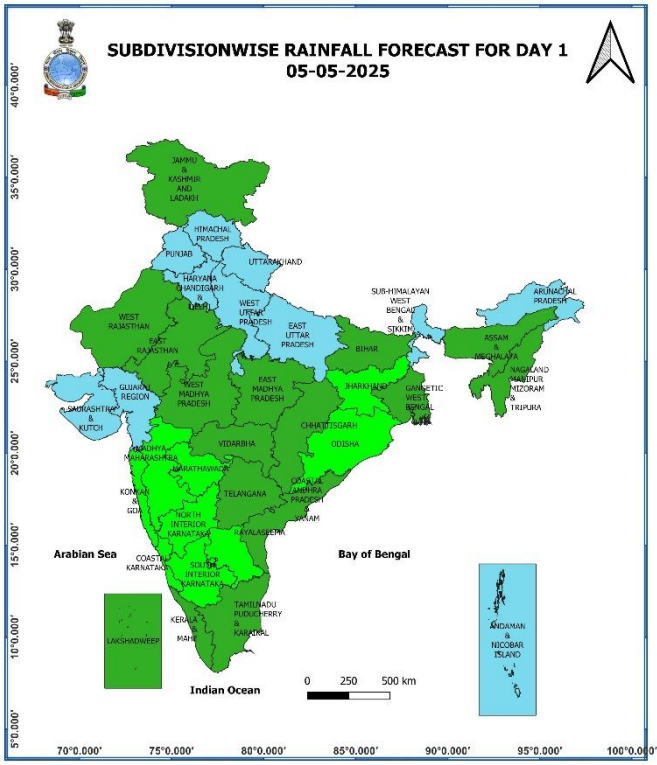
- **Minimum Temperature Departures (as on 05-05-2025):** Minimum temperatures are **appreciably above normal (3.1°C to 5.0°C)** at isolated places over Saurashtra & Kutch; above **normal (1.6°C to 3.0°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, East Madhya Pradesh, Bihar. These are **markedly below normal (-5.1 or below)** at isolated places over Rajasthan, Vidarbha, Coastal Andhra Pradesh & Yanam; **appreciably below normal (-3.1°C to -5.0°C)** at isolated places over Haryana-Chandigarh-Delhi, West Madhya Pradesh, Jharkhand, Tamil Nadu, Puducherry & Karaikal; **below normal (-1.6°C to -3.0°C)** at a few places over Telangana; at isolated places over Chhattisgarh, Rayalaseema and normal over rest parts of the country **(Fig. 4)**. Today, the **lowest minimum temperature** of **17.2°C** is reported at **Ajmer (East Rajasthan)** over the plains of the country.

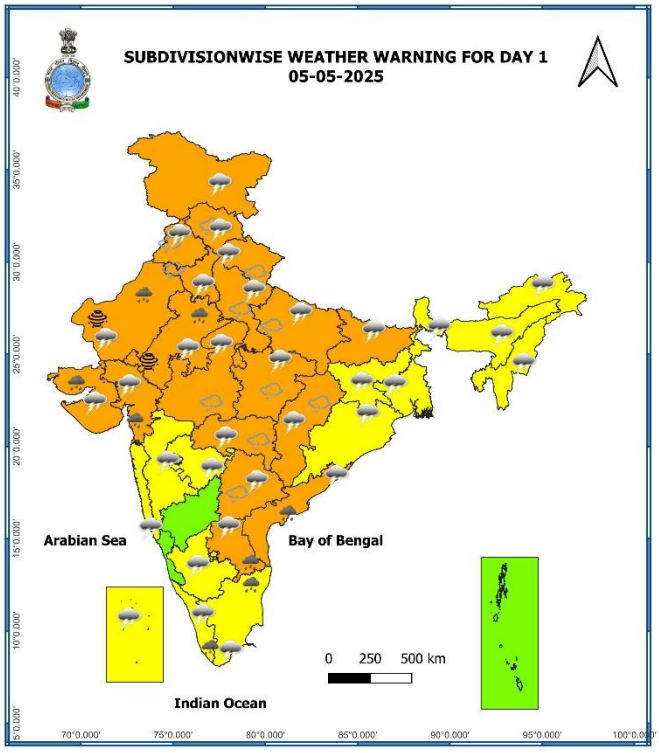
- **Maximum Temperature Departures (as on 05-05-2025):** Maximum Temperatures are **appreciably above normal (3.1°C to 5.0°C)** at a few places over Arunachal Pradesh; **above normal (1.6°C to 3.0°C) at isolated places over** Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura. These are **markedly below normal (-5.1 or below)** at many places over West Rajasthan, Haryana-Chandigarh-Delhi, West Uttar Pradesh; at a few places over Punjab, Himachal Pradesh, Uttarakhand, East Rajasthan; at isolated places over West Madhya Pradesh, East Uttar Pradesh; **appreciably below normal (-3.1°C to -5.0°C)** at many places over East Madhya Pradesh; at a few places over Chhattisgarh, Gujarat Region; at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Vidarbha; **below normal (-1.6°C to -3.0°C)** at many places over cap, Telangana; at a few places over Odisha; at isolated places over Bihar, Rayalaseema, South Interior Karnataka, Madhya Maharashtra, Saurashtra & Kutch and normal over rest parts of the country **(Fig. 2).** Today, the highest **maximum temperature of 43.0°C** is reported at **Narsinghpur (East Madhya Pradesh)** over the country.

Meteorological Analysis (Based on 1730 hours IST)

- The **Western Disturbance** as a cyclonic circulation over central Pakistan adjoining Punjab and northwest Rajasthan extending between 3.1 & 7.6 km above mean sea level persists.
- The upper air **cyclonic circulation** over northeast Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persists.
- The upper air **cyclonic circulation** over south Pakistan & adjoining southwest Rajasthan extending upto 1.5 km above mean sea level persists.
- The east-west **trough** from East Rajasthan to north Bangladesh across Madhya Pradesh, southeast Uttar Pradesh and Jharkhand & extending upto 1.5 km above mean sea level persists.
- The north-south **trough** from southeast Madhya Pradesh to South Interior Karnataka across Marathwada, Telangana, North Interior Karnataka at 0.9 km above mean sea level persists.
- The upper air **cyclonic circulation** over south Tamil Nadu & neighbourhood at 0.9 km above mean sea level persists.
- The upper air **cyclonic circulation** over Northeast Assam & neighbourhood at 1.5 km above mean sea level persists.

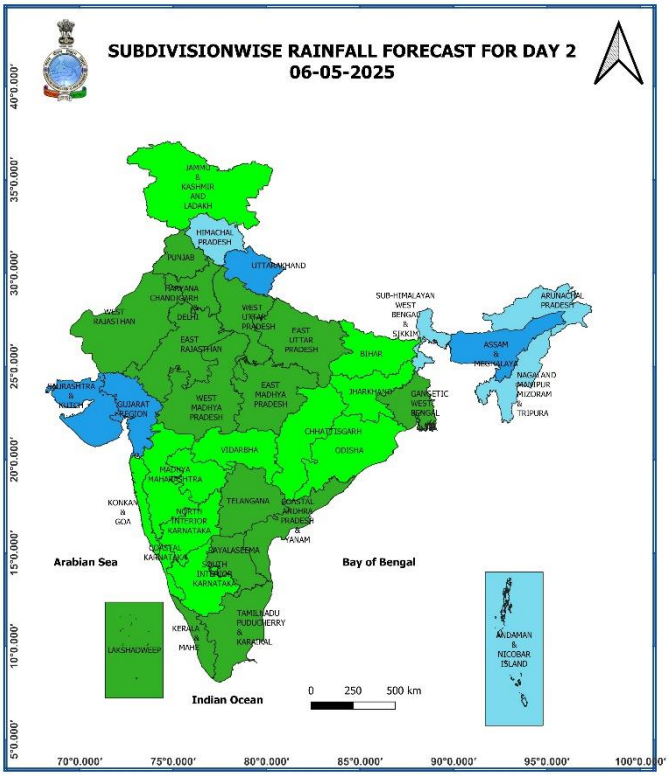
Weather Forecast & Warnings for next 7 days (Upto 0830 hours IST of 12th May, 2025)

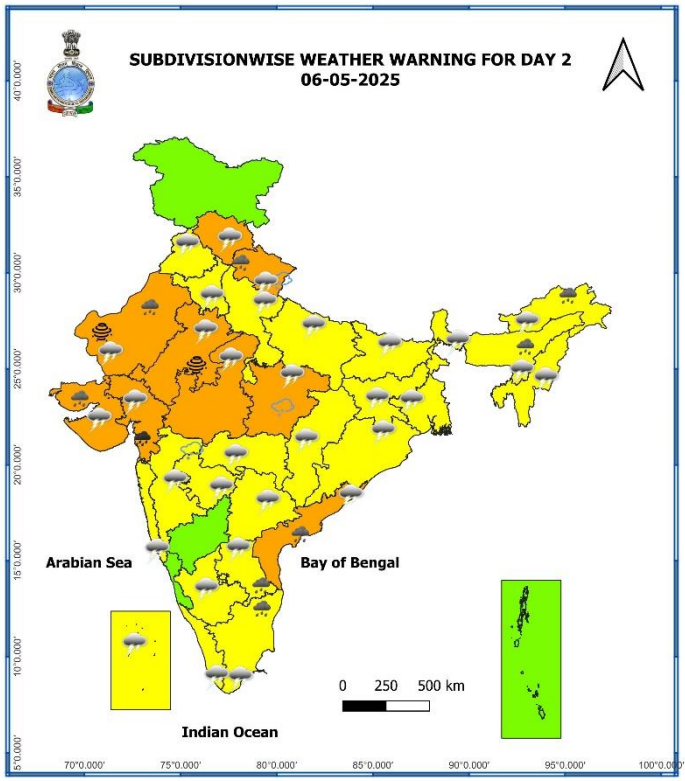




05th May (Day 1)

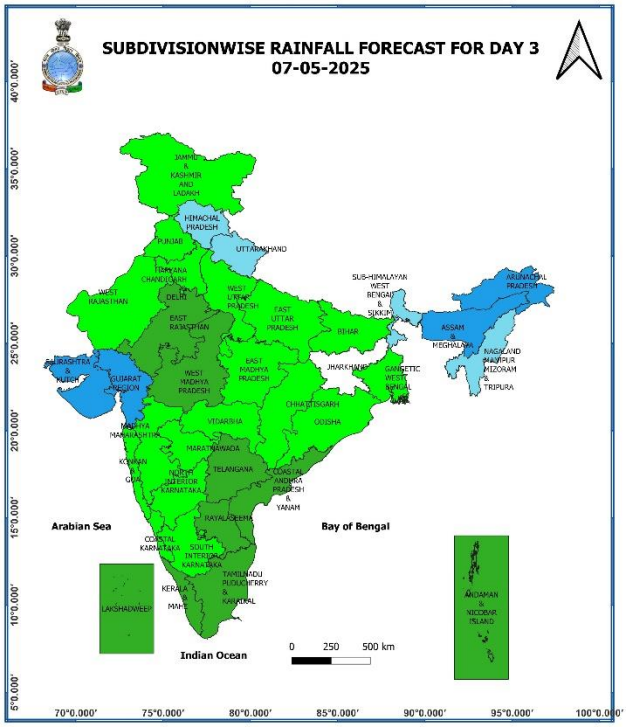
- **Heavy Rain** very likely at isolated places over Andhra Pradesh, Gujarat, Kerala and Mahe, Rajasthan and Tamilnadu & Puducherry.
- **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Himachal Pradesh, Jammu and Kashmir and Ladakh, Madhya Pradesh, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand and Vidarbha and likely at isolated places over Haryana, Chandigarh & Delhi.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Jharkhand, Kerala and Mahe, Sub Himalayan West Bengal & Sikkim, Tamilnadu & Puducherry and Telangana.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Gangetic West Bengal, Konkan & Goa, Madhya Maharashtra, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha and South Interior Karnataka.
- **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Lakshadweep.
- **Dust Storm** very likely at isolated places over Rajasthan.
- **Hailstorm** very likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Madhya Pradesh, Punjab, Telangana, Uttar Pradesh, Uttarakhand and Vidarbha.
- **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** very likely to prevail along and off Oman coast, over many parts of northwest Arabian sea and adjoining parts of northeast Arabian sea, along & off Gujarat coast.

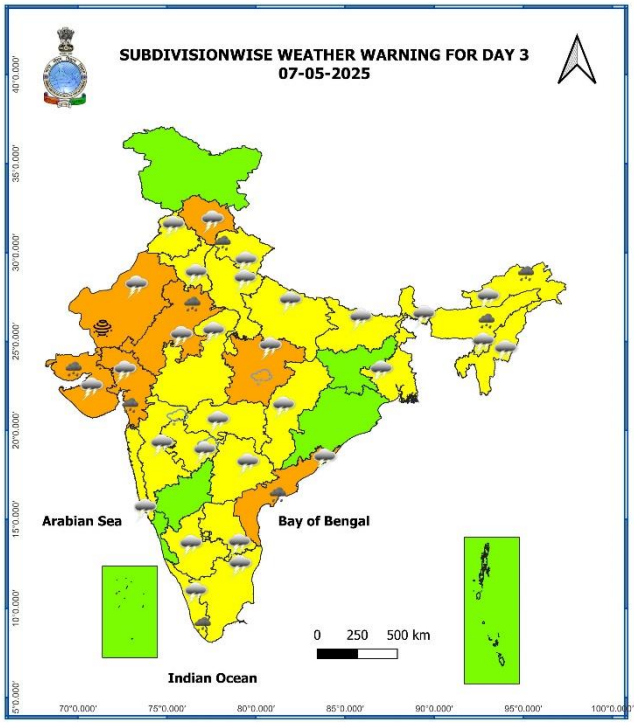




06th May (Day 2)

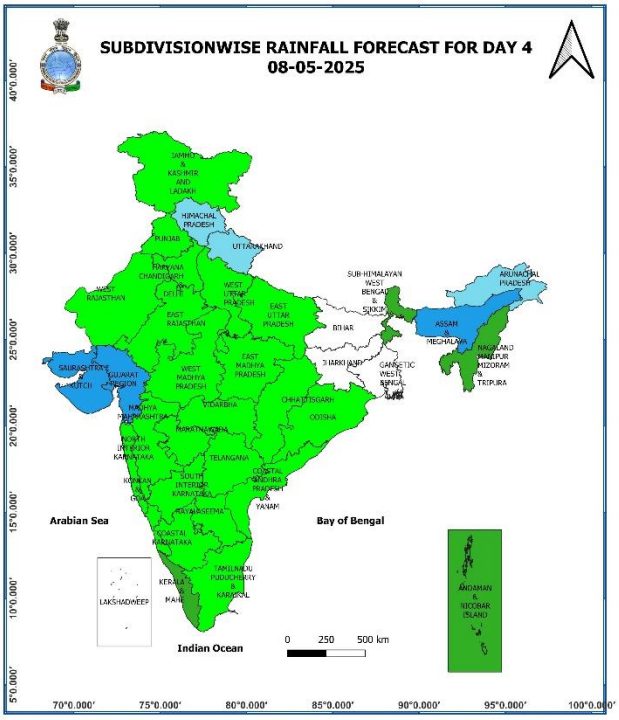
- **Heavy to Very Heavy Rain** very likely at isolated places over Gujarat Region; **Heavy Rain** at isolated places over Andhra Pradesh, Arunachal Pradesh, Assam & Meghalaya, Saurashtra & Kutch, Tamilnadu & Puducherry, Uttarakhand and West Rajasthan.
- **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andhra Pradesh, Gujarat, Himachal Pradesh, Madhya Pradesh, Rajasthan and Uttarakhand.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Madhya Maharashtra, Odisha, Punjab, Tamilnadu & Puducherry, Telangana, Vidarbha and West Bengal & Sikkim and likely at isolated places over Haryana, Chandigarh & Delhi.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Jharkhand, Kerala and Mahe, Konkan & Goa, Marathwada, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Uttar Pradesh.
- **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Lakshadweep.
- **Dust Storm** very likely at isolated places over Rajasthan.
- **Hailstorm** very likely at isolated places over East Madhya Pradesh, Madhya Maharashtra and Uttarakhand.
- **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** very likely to prevail along and off Oman coast, over many parts of northwest Arabian sea, along & off Gujarat coast.

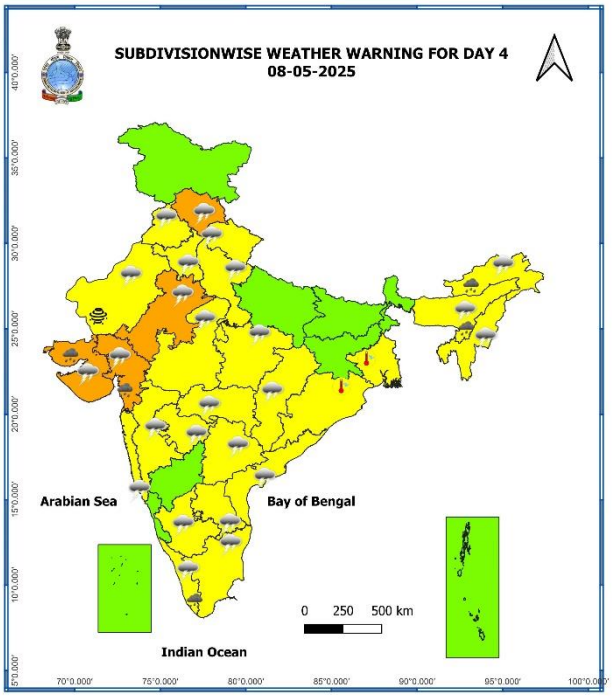




07th May (Day 3)

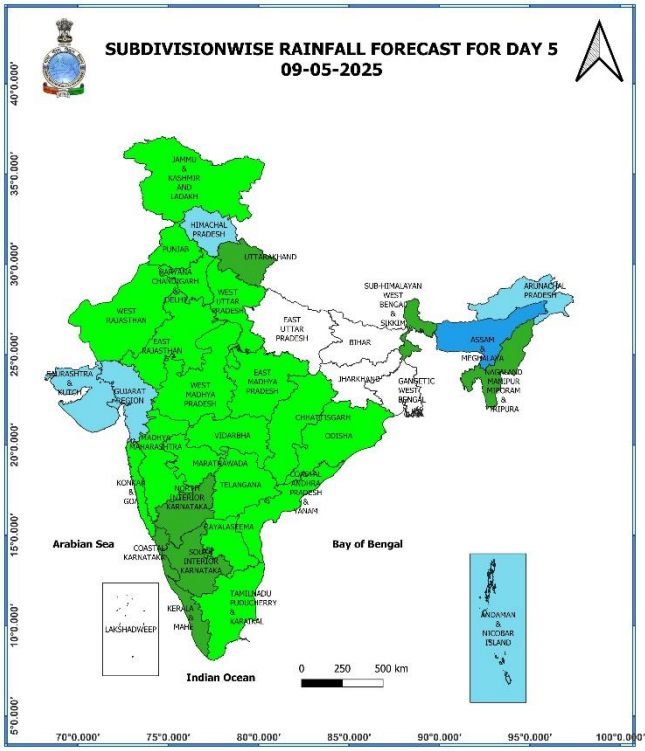
- **Heavy Rain** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Coastal Andhra Pradesh, East Rajasthan, Gujarat, Kerala and Mahe and Uttarakhand.
- **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Coastal Andhra Pradesh, East Madhya Pradesh, Gujarat, Himachal Pradesh and Rajasthan.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Maharashtra, Rayalaseema, Telangana, Uttarakhand and West Madhya Pradesh.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Chhattisgarh, Kerala and Mahe, Konkan & Goa, Nagaland, Manipur, Mizoram and Tripura, Punjab, South Interior Karnataka, Uttar Pradesh and West Bengal & Sikkim and likely at isolated places over Haryana, Chandigarh & Delhi.
- **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and Tamilnadu & Puducherry.
- **Dust Storm** very likely at isolated places over West Rajasthan.
- **Hailstorm** very likely at isolated places over East Madhya Pradesh, Madhya Maharashtra and Marathwada.
- **Squally wind with speed 45 kmph to 50 kmph gusting to 55 kmph** likely to prevail along and off Oman coast, over some parts of northwest Arabian sea, along & off Gujarat coast.

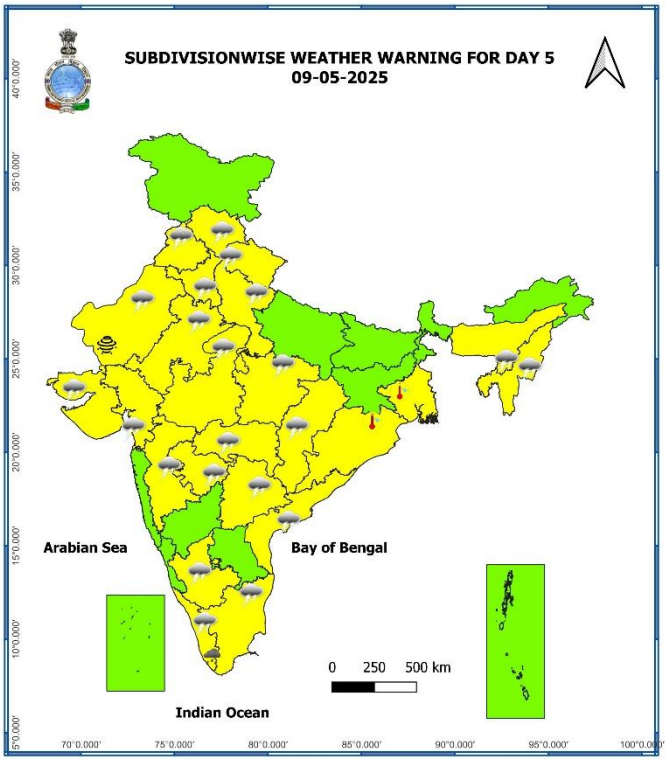




08th May (Day 4)

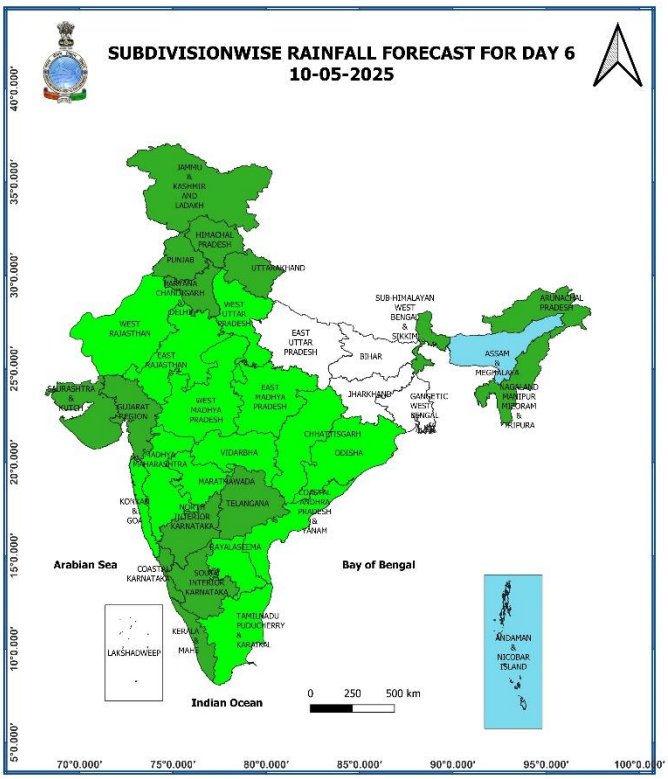
- **Heavy Rain** likely at isolated places over Gujarat and Kerala and Mahe.
- **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Rajasthan, Gujarat and Himachal Pradesh.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand, Vidarbha and West Rajasthan.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Kerala and Mahe, Konkan & Goa, Madhya Maharashtra, Marathwada, Punjab, South Interior Karnataka and Telangana.
- **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Tamilnadu & Puducherry and West Uttar Pradesh.
- **Hot and Humid** likely at isolated places over Gangetic West Bengal and Odisha.
- **Dust Storm** likely at isolated places over West Rajasthan.

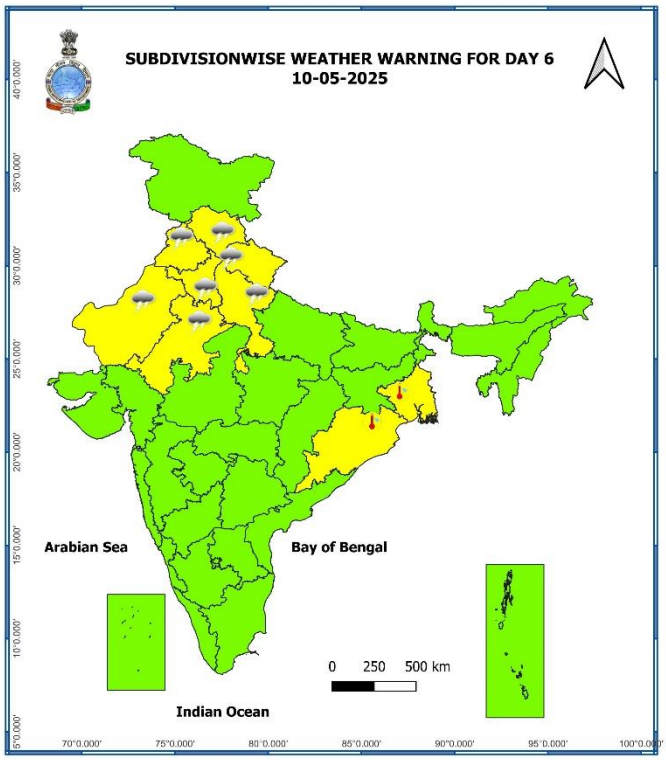




09th May (Day 5)

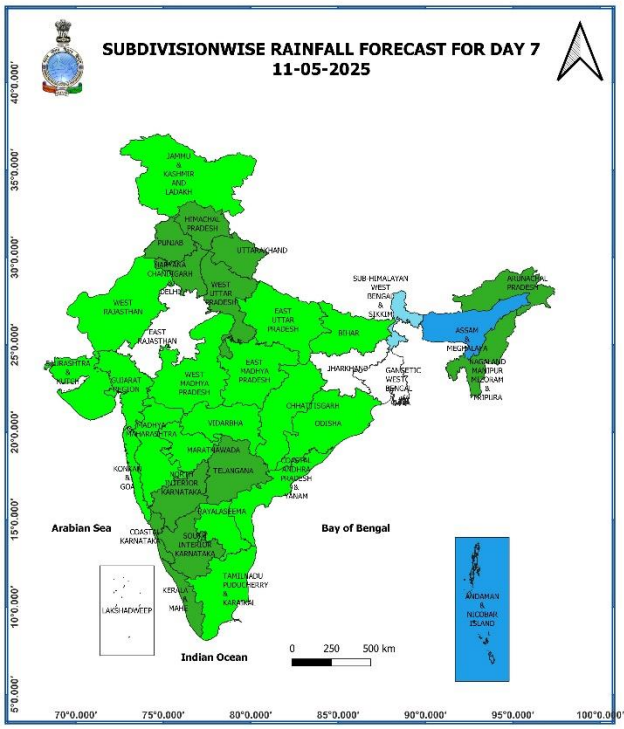
- **Heavy Rain** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Kerala and Mahe.
- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh, Gujarat, Kerala and Mahe, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Rajasthan and Uttarakhand.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Maharashtra, Punjab, South Interior Karnataka and Telangana.
- **Thunderstorm accompanied with Lightning** likely at isolated places over Tamilnadu & Puducherry and West Uttar Pradesh.
- **Hot and Humid** likely at isolated places over Gangetic West Bengal and Odisha.
- **Dust Storm** likely at isolated places over West Rajasthan.

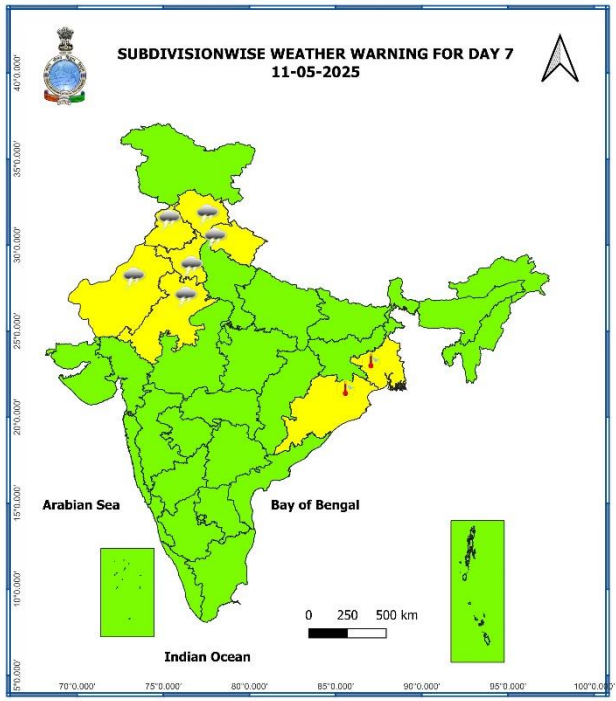




10th May (Day 6)

- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over East Rajasthan and Uttarakhand.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab and Rajasthan.
- **Thunderstorm accompanied with Lightning** likely at isolated places over West Uttar Pradesh.
- **Hot and Humid** likely at isolated places over Gangetic West Bengal and Odisha.





11th May (Day 7)

- **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over East Rajasthan and Uttarakhand.
- **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab and West Rajasthan.
- **Hot and Humid** likely at isolated places over Gangetic West Bengal and Odisha.

Weather Outlook for subsequent 3 days (During 12th May- 14th May, 2025)

- **Fairly widespread to widespread** rainfall activity likely over northeast India.
- **Scattered to fairly widespread** rainfall activity likely over northwest and south peninsular India.
- **Isolated to scattered rainfall** likely over East India, Chhattisgarh, Vidarbha and East Madhya Pradesh.

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.**

Fig. 1: Maximum Temperatures

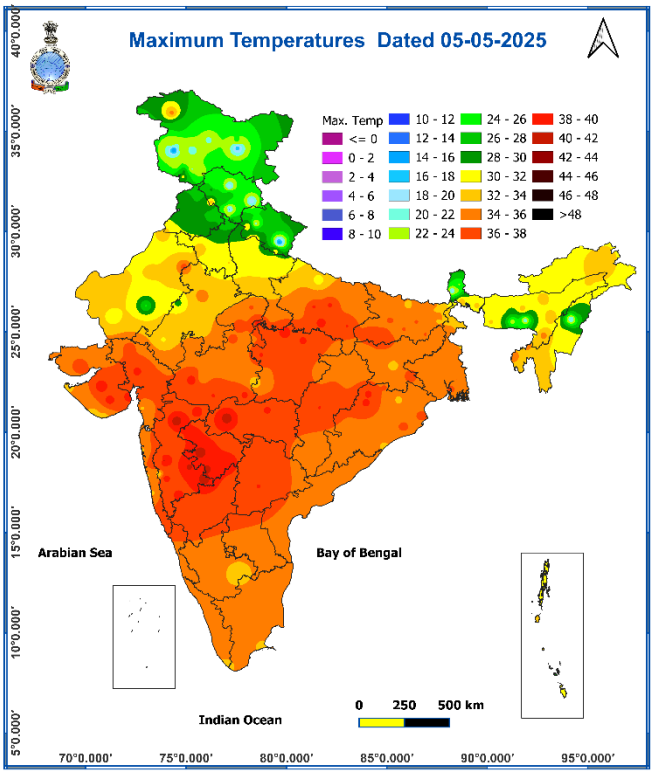


Fig. 2: Departure of Maximum Temperatures

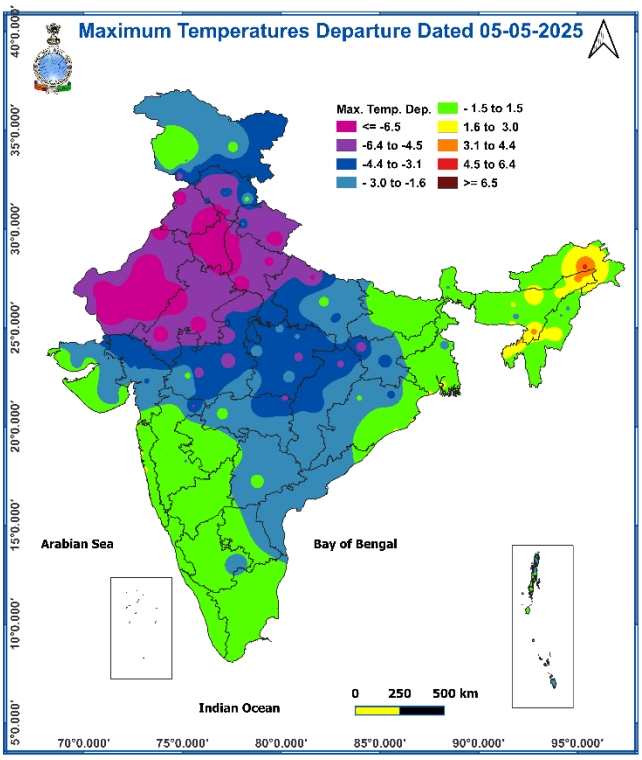


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Fig. 3: Minimum Temperatures

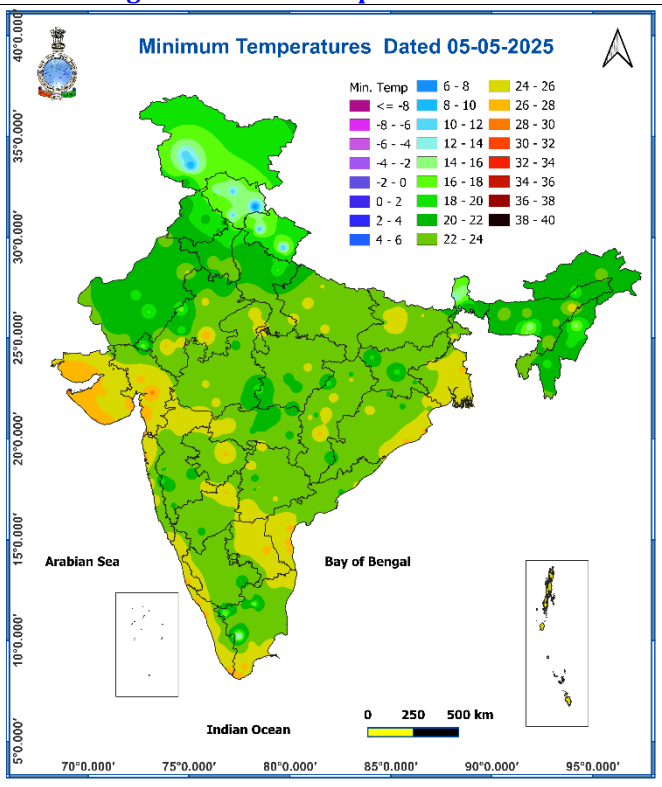
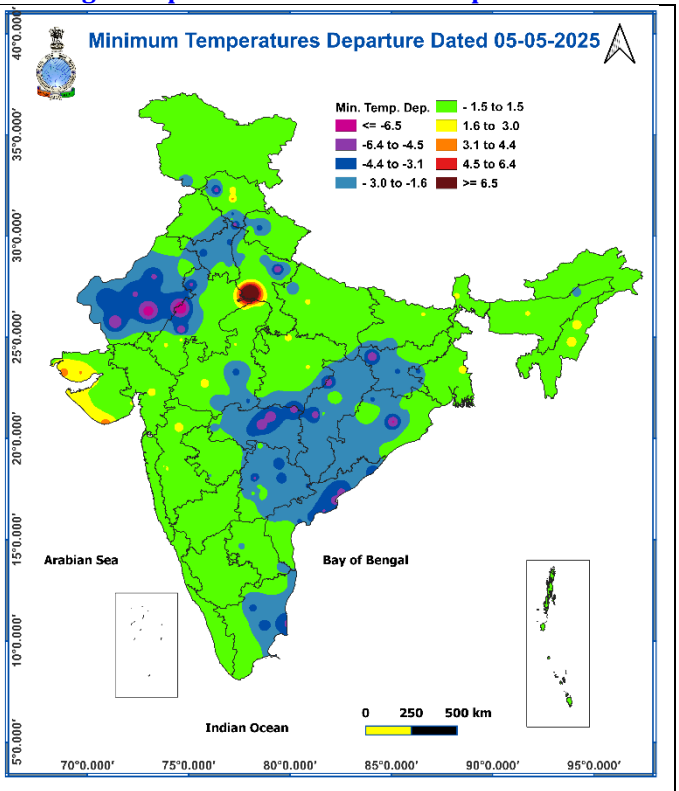
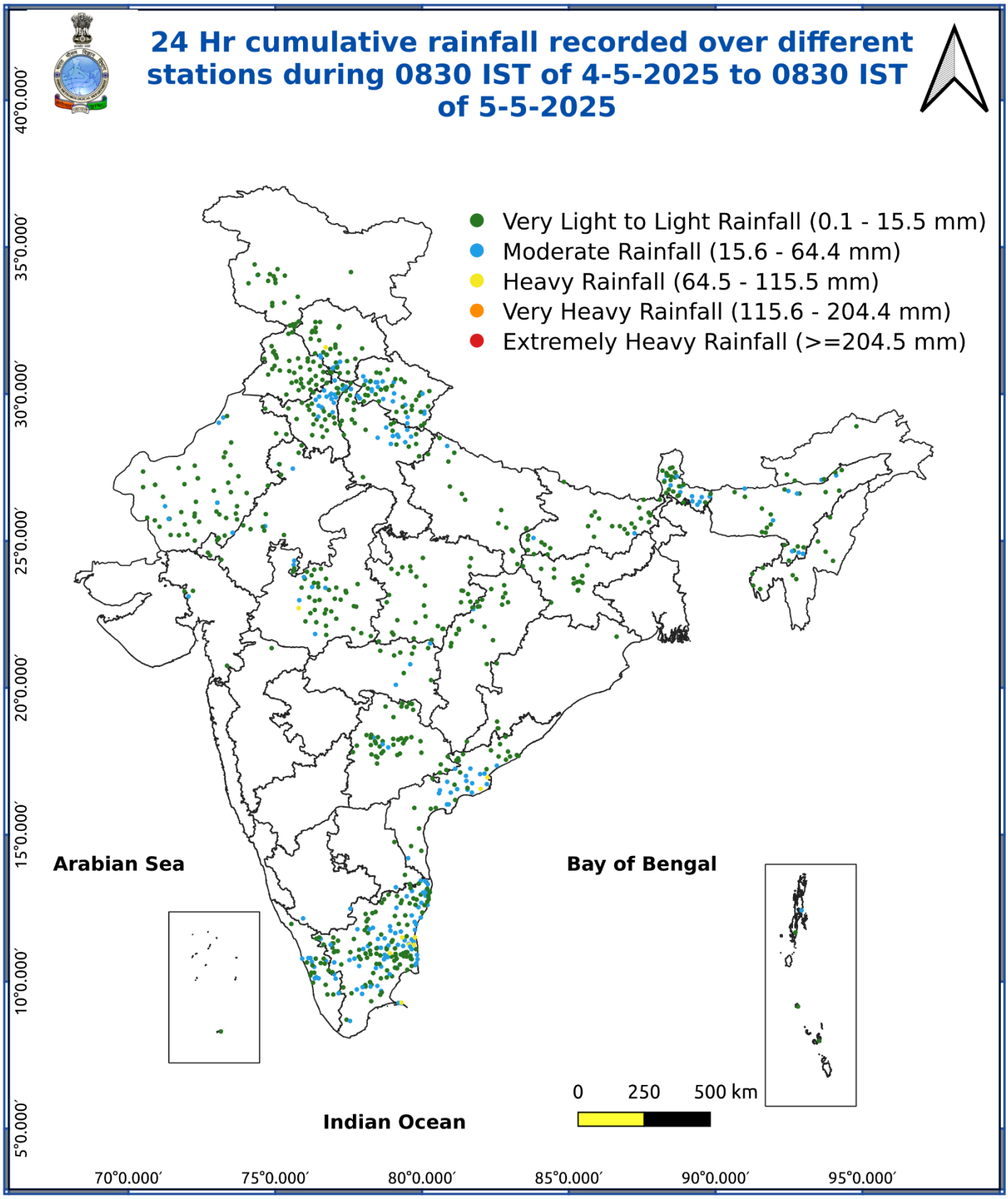


Fig. 4: Departure of Minimum Temperatures



* 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)

Fig. 5: Accumulated Rainfall (mm) during past 24 hours



Impact expected and action suggested due to isolated thunderstorm with lightning/gusty & Squally winds & Hailstorm over

- ✓ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Himachal Pradesh, Gujarat during 05th-08th; Uttarakhand, West Madhya Pradesh on 05th & 06th; Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Haryana Chandigarh, Uttar Pradesh, Vidarbha, Chhattisgarh, Bihar on 05th; East Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Rayalaseema during 05th-07th May.
- ✓ **Isolated hailstorm** activity likely over Uttarakhand on 05th & 06th and over Himachal Pradesh, Punjab, Haryana Chandigarh, Uttar Pradesh, West Madhya Pradesh, Vidarbha, Chhattisgarh, Telangana on 05th; Madhya Maharashtra on 06th & 07th and over Marathawada on 07th; East Madhya Pradesh during 05th-07th 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.

Agromet advisories for likely impact of Hailstorm / Heavy Rainfall / Gusty Winds

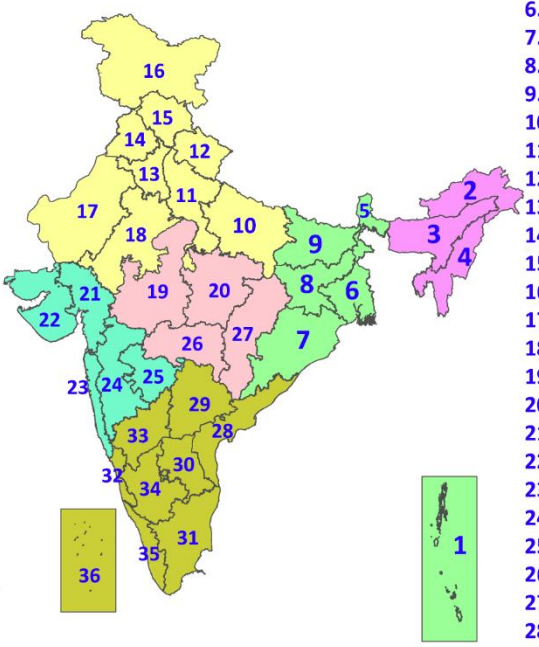
- In **Arunachal Pradesh, Assam & Meghalaya, Uttarakhand, Rajasthan, Gujarat, Tamil Nadu, Kerala** and **Andhra Pradesh,** make provision to drain out excess water from standing crop and vegetable fields.
- In **Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, Madhya Pradesh, Chhattisgarh, Vidarbha, Madhya Maharashtra** and **Telangana,** use hail nets and hail caps to prevent mechanical damage in vegetables and orchards due to the possibility of hailstorms.
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface winds.
- 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.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

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

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 *	**Heavy:** 64.5 to 115.5 mm/cm * **Very Heavy:** 115.6 to 204.4 mm/cm* **Extremely Heavy:** > 204.4 mm/cm *
Heat Wave	**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:** 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
Warm Night	**When maximum temperature remains 40°C** **Warm Night:** When minimum temperature departure 4.5 °C to 6.4 °C. **Severe Warm Night:** When minimum temperature departure >6.4 °C.
Cold Wave	**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 ≤ -6.5 °C **(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
Cold Day	**When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions** **Based on departure** **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
Fog	**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 **Very Dense Fog:** when the visibility < 50 metres
Thunderstorm	**Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)**
Dust/Sand Storm	**An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.**
Frost	**Ice deposits on ground** Air temperature ≤4°C (over Plains)
Squall	**A strong wind that rises suddenly, lasts for atleast 1 minute.** **Moderate**: Wind speed 52-61 kmph **Severe**: Wind speed 62-87 kmph **Very Severe**: Wind speed >87 kmph
Sea State	**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 **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
Cyclone	**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) **Super Cyclone Strom**: Wind speed >220 kmph (>119 knots)

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