राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

All India Multi-hazard Winter Weather Warnings Bulletin

Dated: 02nd December, 2025
Time of Issue: 1530 Hrs IST

Meteorological Features and Forecast (Based on 0830 hours IST Observation)

- The **Western disturbance** as an **upper air cyclonic circulation** persist over north Pakistan in lower tropospheric level and the trough aloft in middle tropospheric level seen with its axis in middle tropospheric level roughly along Long. 70°E to the north of Lat. 27°N.
- An **induced cyclonic circulation** lay over south Himachal Pradesh & neighbourhood in lower tropospheric level.
- A fresh **feeble Western Disturbance** is likely to influence western Himalayan region from 05th December 2025.

- **Forecast of Minimum Temperature:**
  - No significant change in minimum temperature likely over many parts of Northwest India for next 24 hours, fall by 2-4°C during subsequent 4 days and no significant change thereafter.
  - No significant change in minimum temperature likely over Central India for next 24 hours, fall by 2-3 ° C during subsequent 4 days and no significant change thereafter.
  - Gradual fall in minimum temperature likely by 3-4°C over East India during next 4 days and no significant change thereafter.
  - Gradual fall in minimum temperature likely by 2-3°C over Maharashtra during next 3 days and no significant change thereafter.
  - No significant change in minimum temperature likely over Northeast India for next 3 days, fall by 2-3°C during subsequent 2 days and no significant change thereafter.

  Minimum Temperatures are likely to fall by 2-4°C during next 5 days. As a result, Cold Wave conditions are likely to occur over Punjab, Haryana-Chandigarh-Delhi during 3-5 December and over north Rajasthan during 5-7 December. No significant change is likely in Minimum Temperatures thereafter till 10th December.

- **Rainfall Forecast:**

  The current WD as a cycir over north Pakistan with a trough aloft along 70E/27N with induced cycir over Himachal Pradesh in lower tropospheric levels is likely to move away from Indian Region by 3rd December. Thereafter, a feeble WD is likely to affect Northwest India from 5th December. Under its influence, Isolated light precipitation is likely to occur over Western Himalayan Region during 5-8 December. No rainfall is likely over the plains of the country.

- **Dense Fog Forecast:**

  Lower tropospheric westerlies/northwesterlies are likely to prevail over plais of Northwest India during the entire 10-day period. As no lower level easterlies are likely during the period, hence no dense fog is likely over Northwest India during next 10 days. However, isolated dense fog conditions are likely to prevail in morning hours over Himachal Pradesh during 03-05 December.

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Observed Weather (between 0830 hours IST of yesterday and 0830 hours IST of today)

♦ **Fog (Annexure 1, 2, 3 & 4):-** **Dense fog conditions:** at isolated places over Assam & Meghalaya, Odisha and Himachal Pradesh **Moderate fog conditions:** at isolated places over Odisha **Shallow fog conditions:** at a few places over Nagaland, Manipur, at isolated places over Gangetic West Bengal.

♦ **Observed Temperature Scenario:**

Minimum Temperature & its departure (Today) (Annexure 5):-

Lowest Minimum Temperature on Plains: **3.0°C** at **Faridkot (Punjab).**

Markedly Below Normal (-5.1°C and below) :- NIL.

Appreciably Below Normal (-3.1°C to -5.0°C) :- NIL.

Below normal (-1.6°C to -3.0°C) :- at isolated places over Punjab, Uttar Pradesh, West Rajasthan, West Madhya Pradesh, Maharashtra**.**

Near normal and above normal :- Rest parts of the country.

Maximum Temperature & its departure (Yesterday) (Annexure 6):-

Markedly Below Normal (-5.1°C and below) :- NIL.

Appreciably Below Normal (-3.1°C to -5.0°C) :- at many places over Coastal Andhra Pradesh & Yanam.

Below normal (-1.6°C to -3.0°C) :- NIL.

Near normal and above normal :- Rest parts of the country.

♦ **Cold wave conditions:- Cold wave** conditions at isolated places over Punjab.

♦ **Cold Day conditions:- NIL.**

♦ **Ground frost conditions:- NIL.**

RH (based on 0530 hours IST) (Annexure 7):

Rain/Snow/Thundershowers over North & East India (Annexure 8):- at isolated places over Arunachal Pradesh, Gangetic West Bengal, Odisha and Jharkhand.

7 DAYS COLD WAVE, COLD DAY, RAIN/SNOW AND FOG WARNING MAPS

Cold Wave & Cold Day Warnings for Next 7 Days

DAY-1:- **Cold wave** conditions very likely at isolated places over Madhya Maharashtra and Punjab.

DAY-2:- **Cold wave** conditions very likely at isolated places over Madhya Maharashtra and Punjab.

DAY-3:- **Cold wave** conditions very likely at isolated places over Madhya Maharashtra, Punjab and Rajasthan.

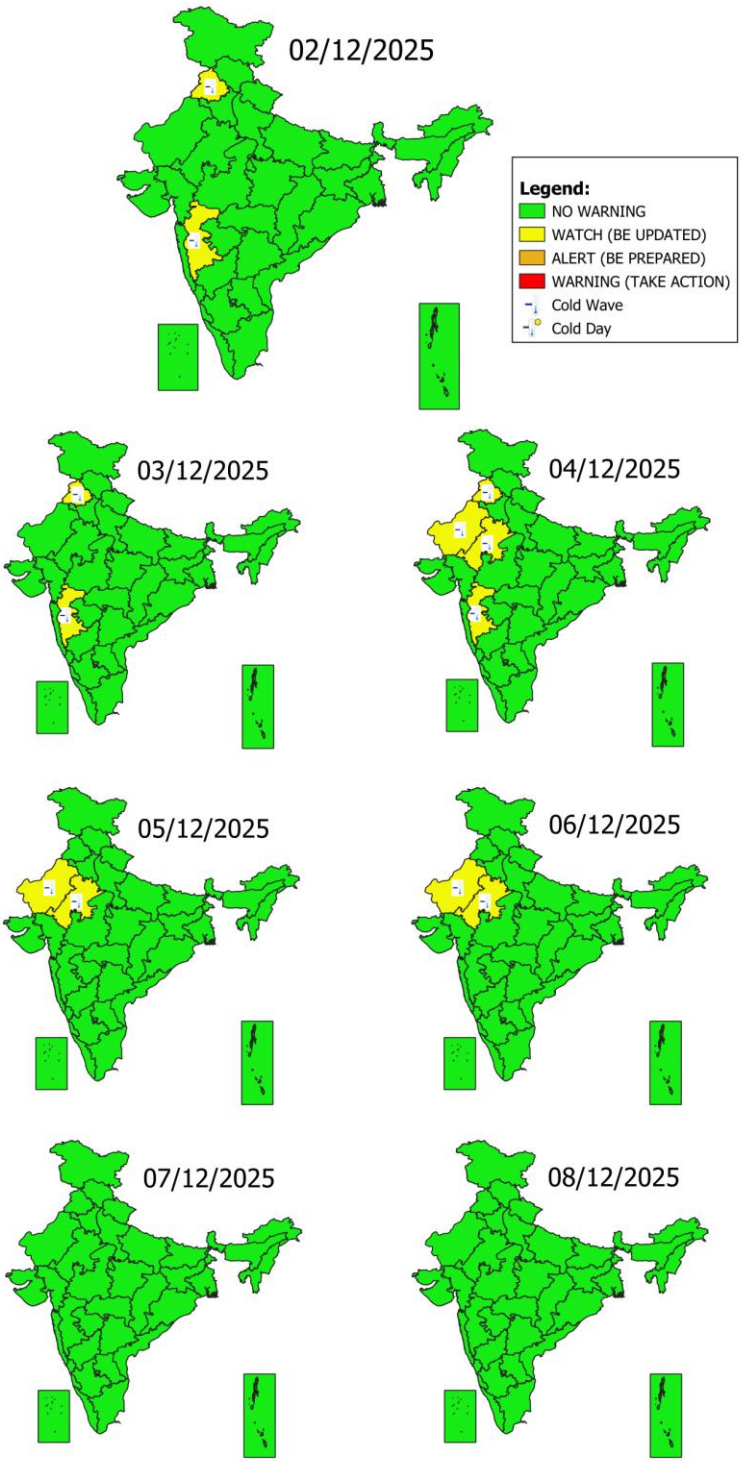
DAY-4:- **Cold wave** conditions likely at isolated places over Rajasthan.

DAY-5:- **Cold wave** conditions likely at isolated places over Rajasthan.

DAY-6:- **NIL.**

DAY-7:- **NIL.**

7 DAYS COLD WAVE & COLD DAY HAZARD MAP



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Rain/Snow Warnings for Next 7 Days

DAY-1:- NIL.

DAY-2:- NIL.

DAY-3:- NIL.

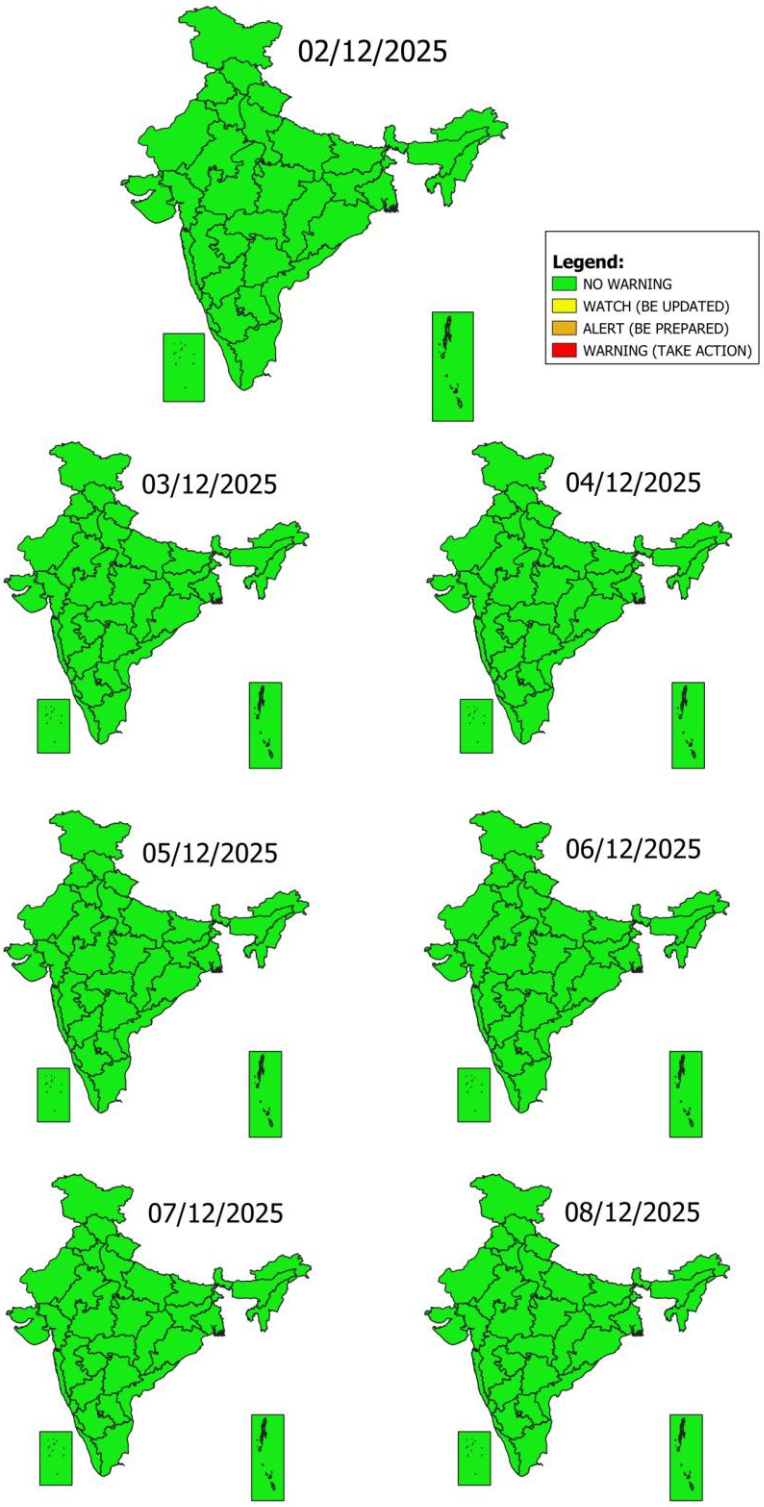
DAY-4:- NIL.

DAY-5:- NIL.

DAY-6:- NIL.

DAY-7:- NIL.

7 DAYS HEAVY RAIN/SNOW WARNING MAP



Fog Warnings for Next 7 Days

DAY-1:- **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura and Odisha.

DAY-2:- **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura and Odisha.

DAY-3:- **Dense Fog** very likely at isolated pockets over Assam & Meghalaya, Himachal Pradesh and Nagaland, Manipur, Mizoram and Tripura.

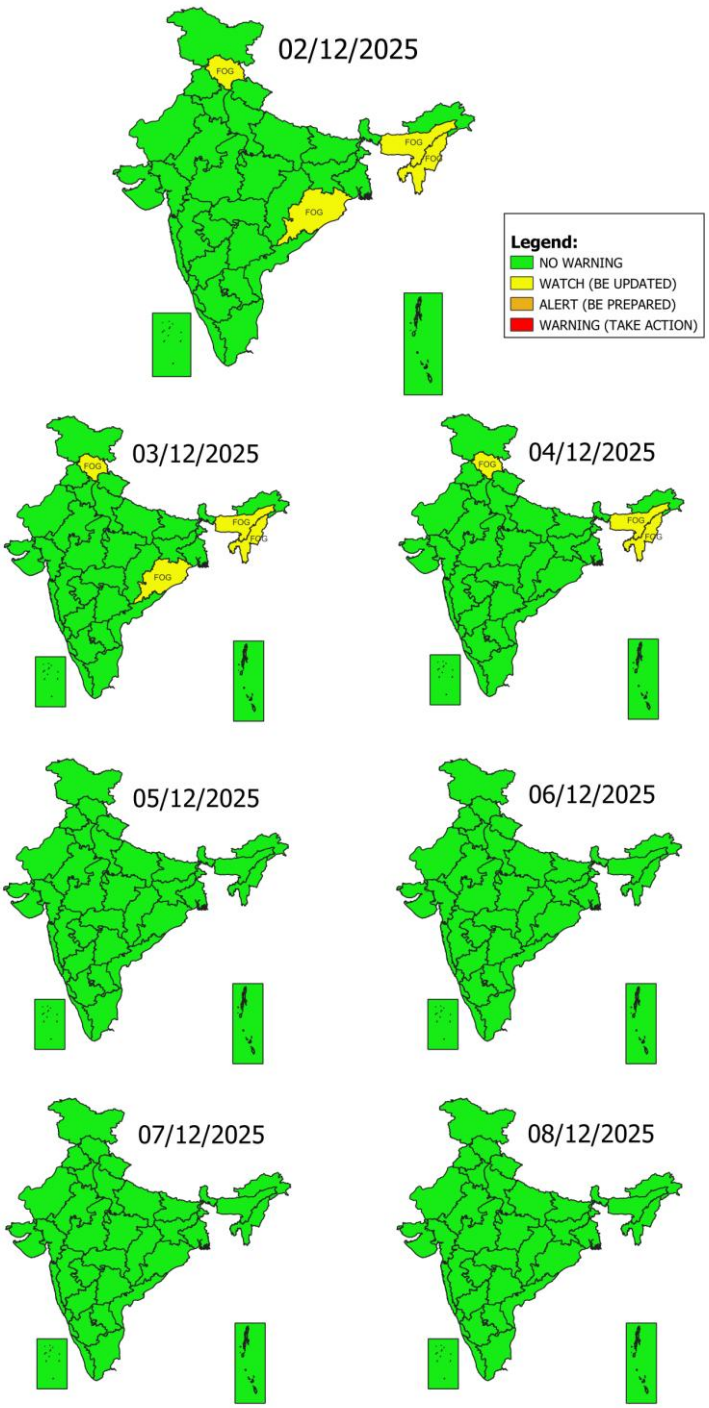
DAY-4:- **NIL**.

DAY-5:- **NIL.**

DAY-6:- **NIL.**

DAY-7:- **NIL.**

7 DAYS FOG WARNING MAP



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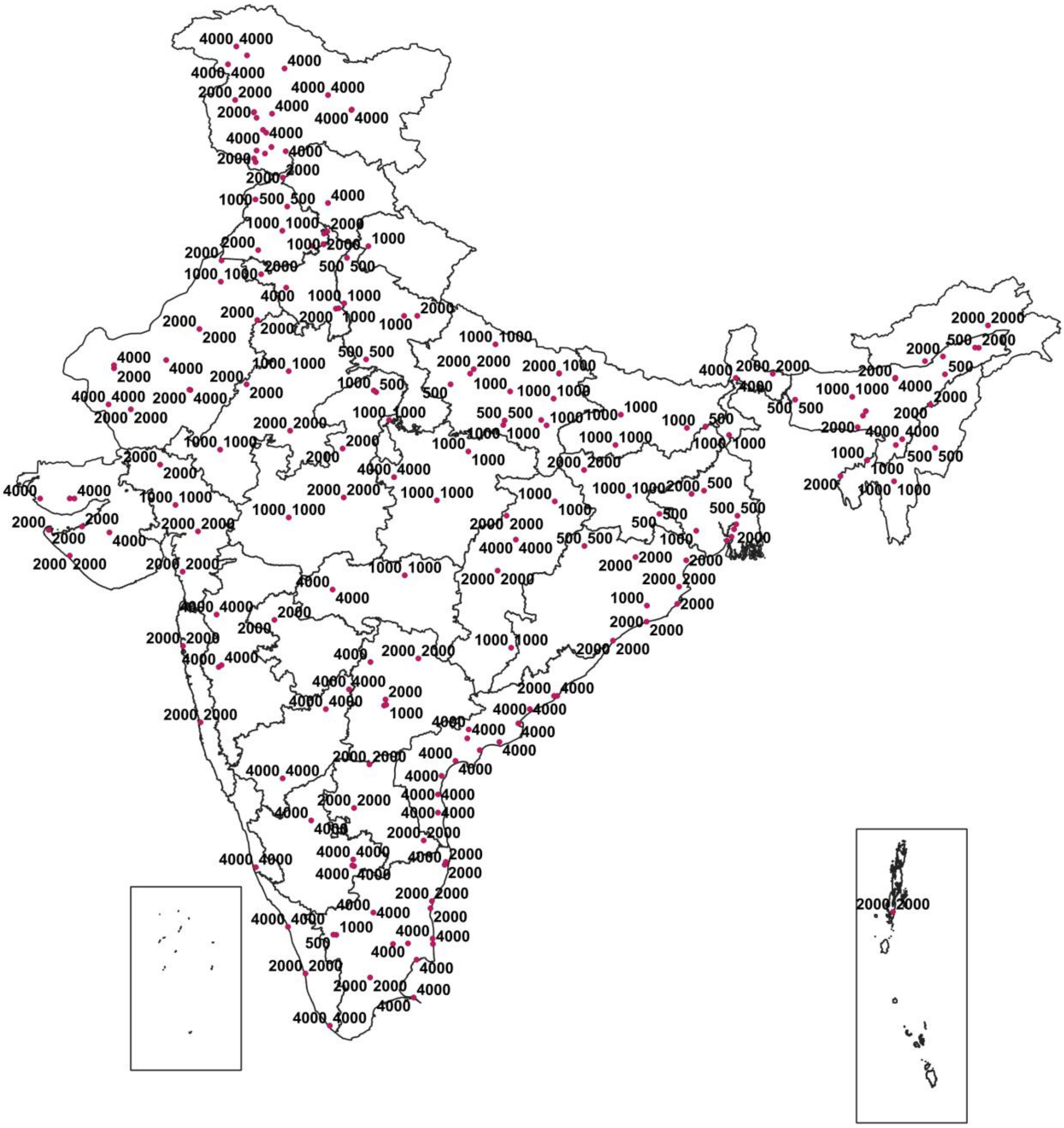
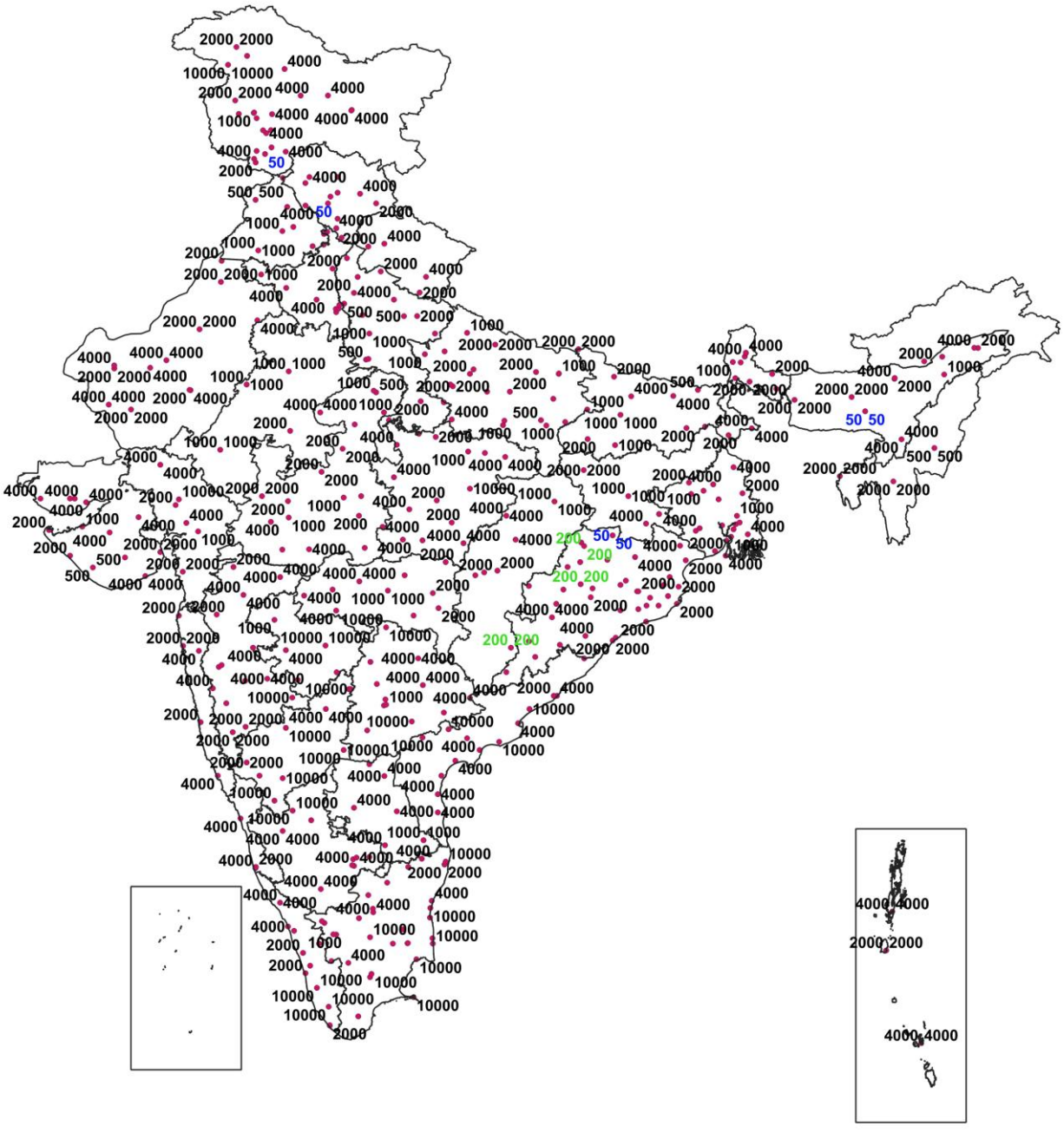
Annexure 1

Visibility at 0530 hrs IST Dated 02/12/2025 (Today)



Annexure 2

Visibility at 0830 hrs IST Dated 02/12/2025 (Today)



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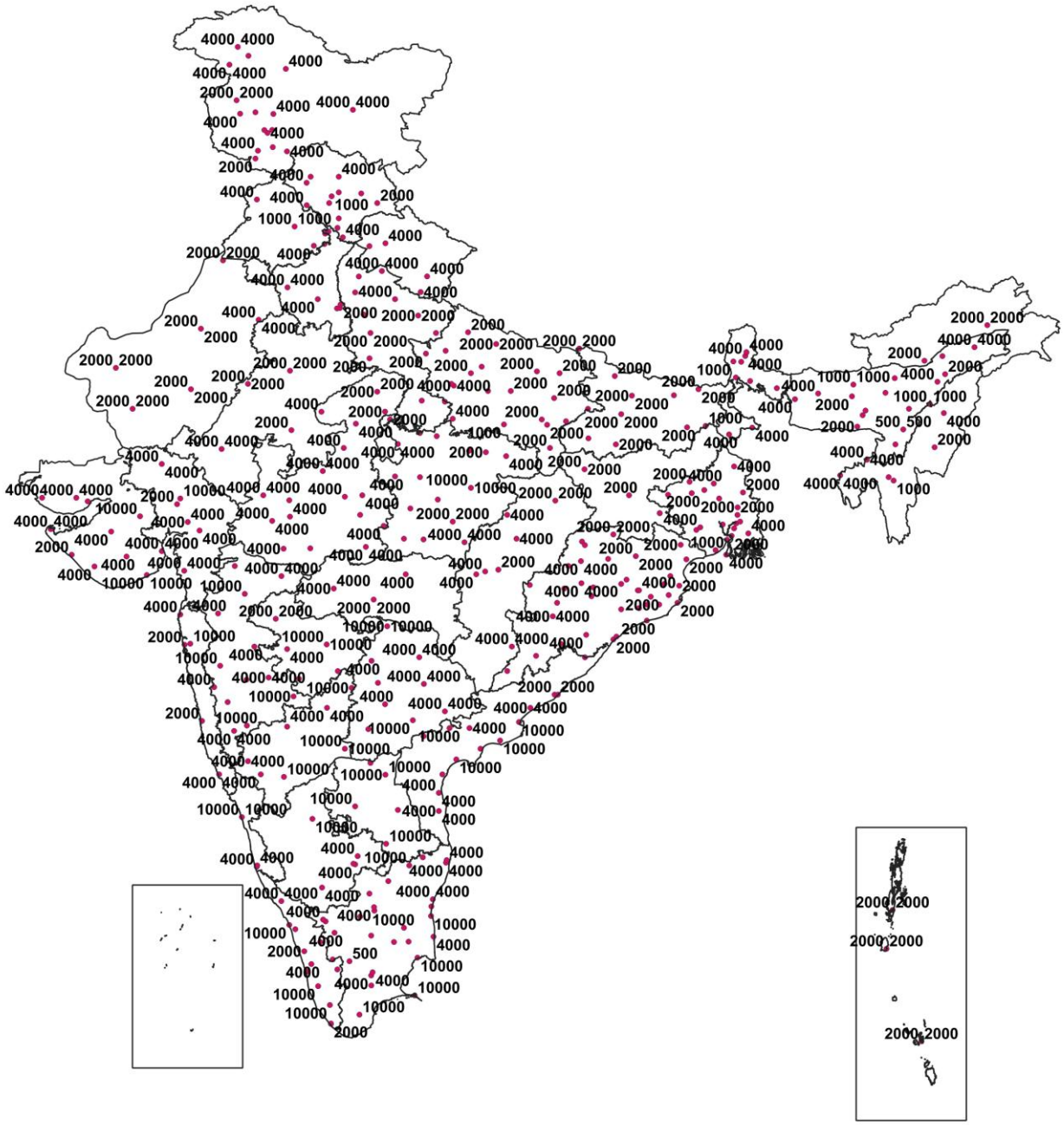
Annexure 3

Visibility at 1730 hrs IST Dated 01/12/2025 (Yesterday)



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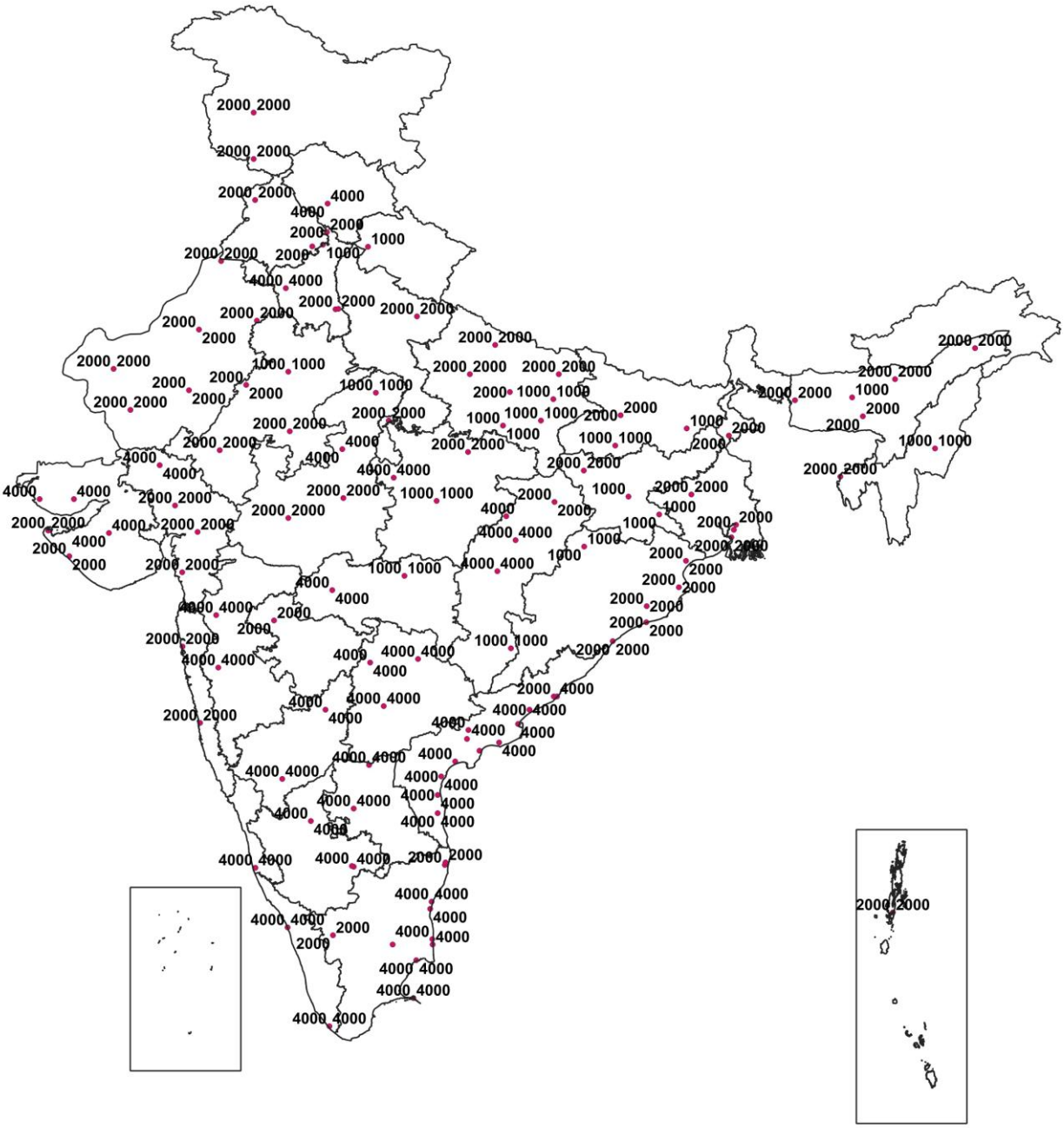
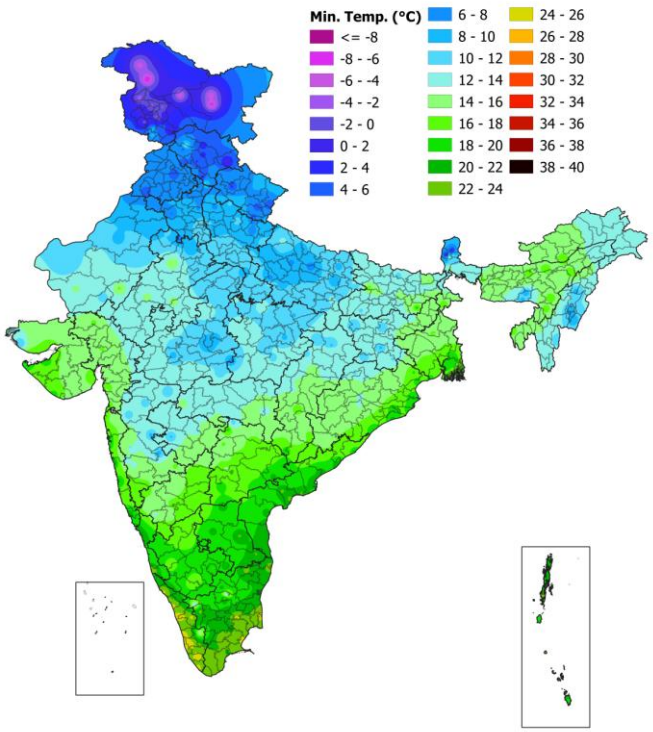
Annexure 4

Visibility at 2330 hrs IST Dated 01/12/2025 (Yesterday)

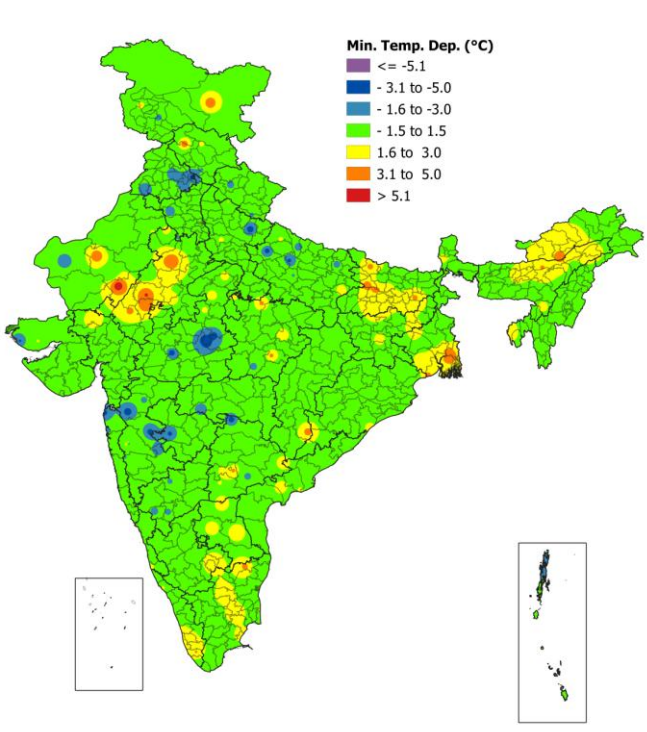


Annexure 5

Minimum Temperature Dated 02/12/2025

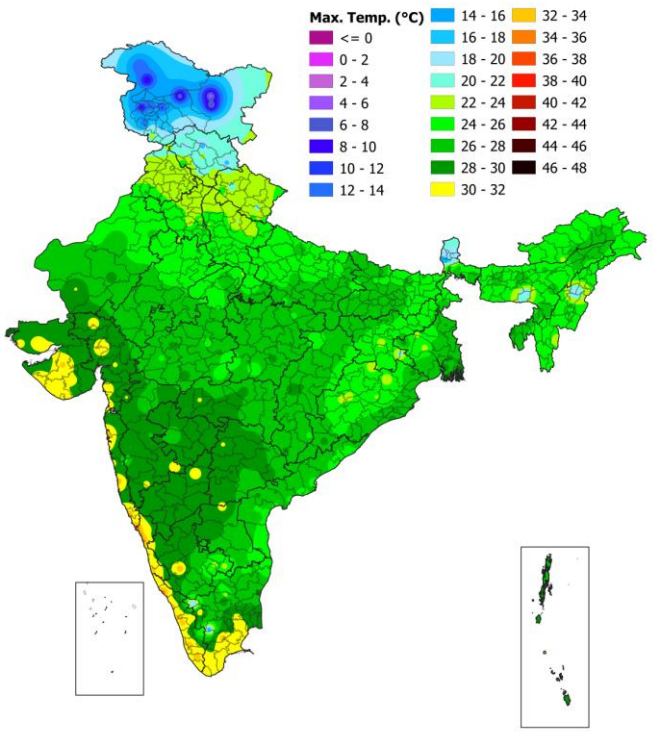


Min Temperature Departure Dated 02/12/2025

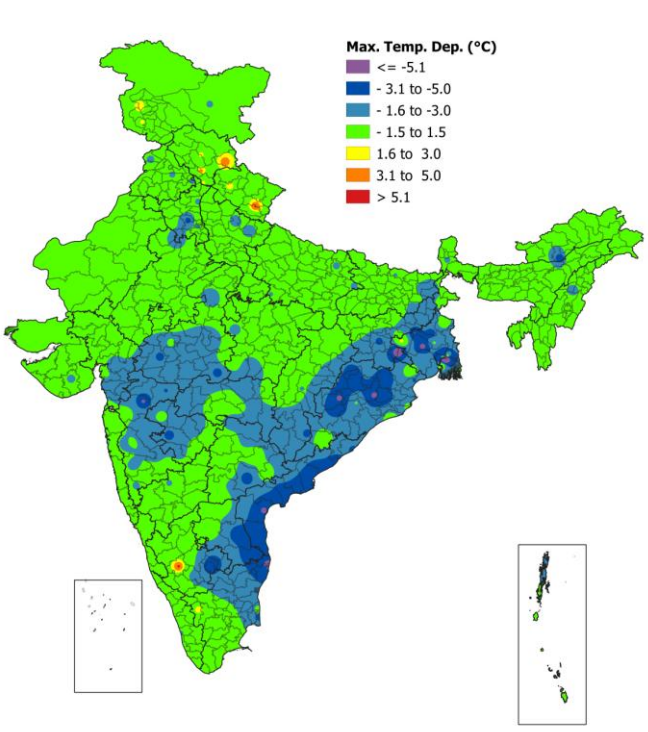


Annexure 6

Maximum Temperature Dated 01/12/2025

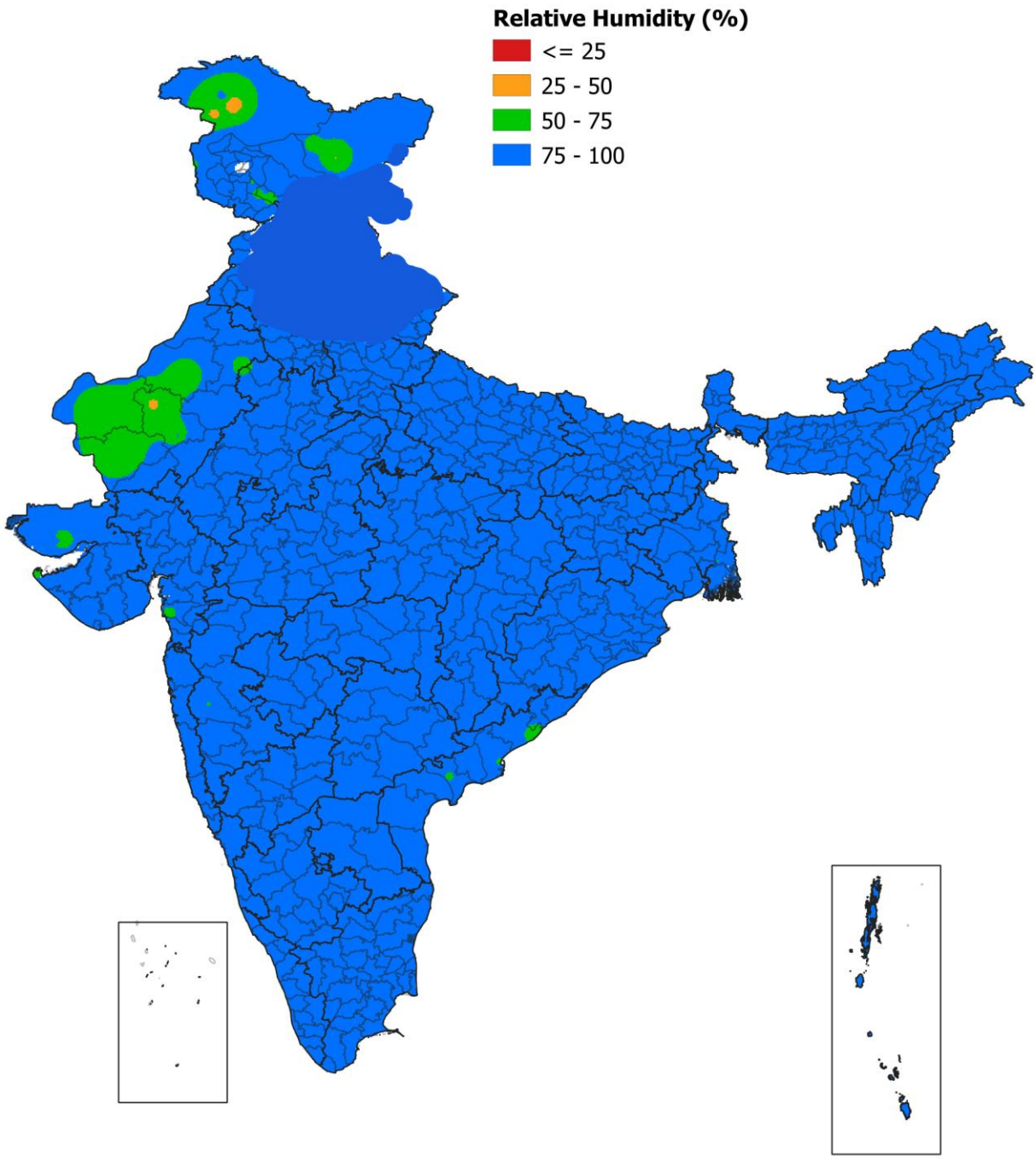


Max Temperature Departure Dated 01/12/2025

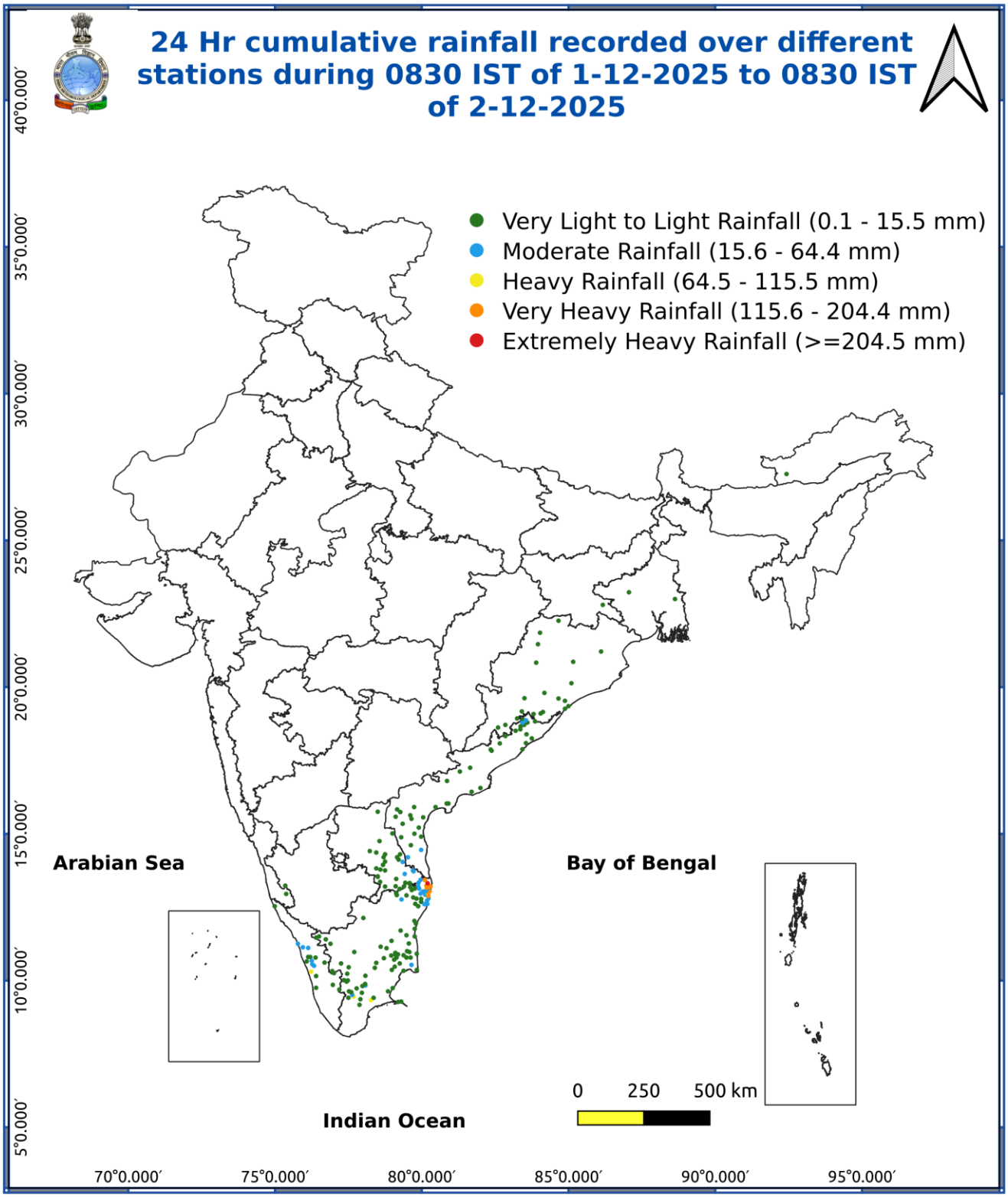


Annexure 7

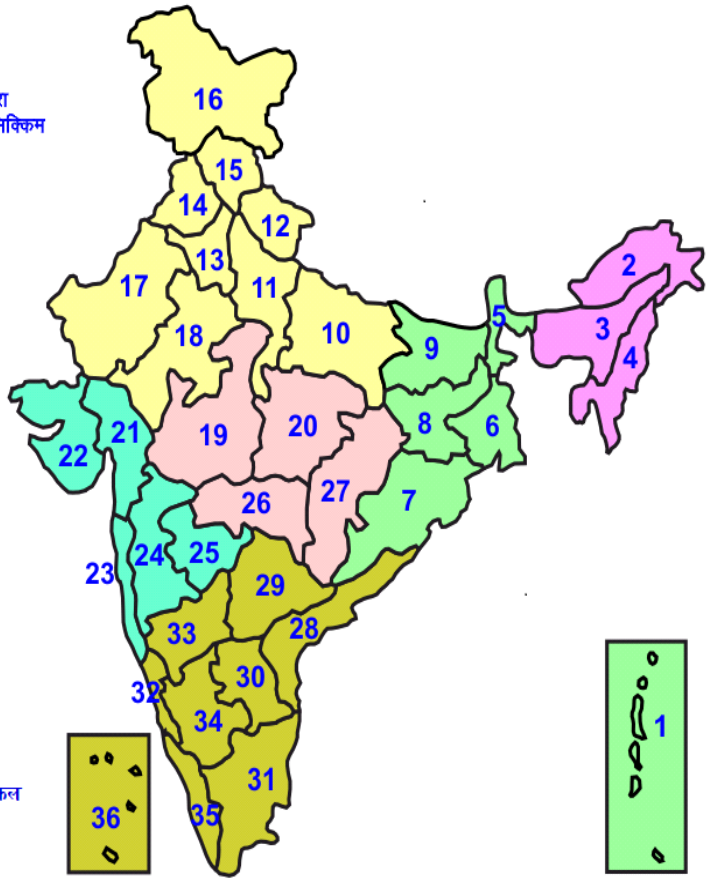
Relative Humidity Dated 02/12/2025 at 0530 Hrs



Annexure 8


24 Hr cumulative rainfall recorded over different stations during 0830 IST of 1-12-2025 to 0830 IST of 2-12-2025
Very Light to Light Rainfall (0.1 - 15.5 mm)
Moderate Rainfall (15.6 - 64.4 mm)
Heavy Rainfall (64.5 - 115.5 mm)
Very Heavy Rainfall (115.6 - 204.4 mm)
Extremely Heavy Rainfall (>=204.5 mm)
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km
40°0.000′
35°0.000′
30°0.000′
25°0.000′
20°0.000′
15°0.000′
10°0.000′
5°0.000′
70°0.000′
75°0.000′
80°0.000′
85°0.000′
90°0.000′
95°0.000′

LEGENDS



1 अंडमान और निकोबार द्वीप समुह
2 अरुणाचल प्रदेश
3 असम और मेघालय
4 नागालेंड मनीपुर मीजोरम और त्रिपुरा
5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
6 पश्चिम गांगेय बंगाल
7 ओडिसा
8 झारखडं
9 बिहार
10 पूर्वी उत्तर प्रदेश
11 पश्चिम उत्तर प्रदेश
12 उत्तराखंड
13 हरियाणा चंडिगढ़ एंवम् दिल्ली
14 पंजाब
15 हिमाचल प्रदेश
16 जम्मू एवंम कश्मीर एवंम लद्दाख
17 पश्चिम राजस्थान
18 पूर्वी राजस्थान
19 पश्चिम मध्य प्रदेश
20 पूर्वी मध्य प्रदेश
21 गुजरात क्षेत्र
22 सौराष्ट्र एंवम् कच्छ
23 कॉकण एंवम् गोवा
24 मध्य महाराष्ट्र
25 मराठावाडा
26 विदर्भ
27 छत्तीसगढ़
28 तटीय आंध्र प्रदेश एवं यनम
29 तेलंगाना
30 रायलसीमा
31 तमिलनाडु ,पुदुचेरी एवंम कराईकल
32 तटिय कर्नाटक
33 आंतरिक उत्तरी कर्नाटक
34 आंतरिक दक्षिणी कर्नाटक
35 केरल एवंम 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. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajsthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
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

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LEGENDS

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

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

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 *

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 ºC to -6.4 ºC.
Severe Cold Wave: Minimum Temperature Departure from normal ≥ -6.5 ºC

(b) Based on actual Minimum Temperature (for Plains only)

Cold Wave : When Minimum Temperature is ≤ 4.0 ºC
Severe Cold Wave: When Minimum Temperature is ≤ 2.0 ºC

(c) For Coastal Stations
When Minimum Temperature departure is ≤-4.5 °C or 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 ºC to -6.4 ºC.
Severe Cold Day: Maximum Temperature Departure from normal ≤ -6.5 ºC

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

Green (No action)	Normal Day	Minimum temperatures are near normal
Yellow Alert (Be updated)	Cold Alert	Cold wave conditions at district level likely to persist for 2 days
Orange Alert (Be prepared)	Severe Cold Alert for the day	Either of the following two conditions: (i) Severe cold wave conditions persist for 2 days. (ii) With varied severity, cold wave is likely to persists for 4 days or more
Red Alert (Take Action)	Extreme Cold Alert for the day	Either of the following two conditions: (i) Severe cold wave persists for more than 2 days. (ii) Total number of cold/severe cold wave days likely to exceeds 6 days.

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