



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 03rd December, 2025

Time of Issue: 1400 hours IST

Subject: (i) Isolated heavy to very heavy rainfall likely over north coastal Tamil Nadu, Kerala, Coastal Andhra Pradesh & Yanam, Rayalaseema on 03rd December.
(ii) Cold wave conditions very likely to prevail in isolated pockets over Punjab, Haryana, Chandigarh on 04th & 05th; over north Rajasthan during 04th-06th; Jharkhand on 06th & 07th December.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 03rd December, 2025:

- ❖ **Heavy to very heavy rainfall at some places with isolated extremely heavy rainfall** over Coastal Andhra Pradesh & Rayalaseema. **Very Heavy rainfall** at isolated places over Tamil Nadu. **Heavy rainfall** at isolated places over Kerala.
- ❖ **Very dense fog (visibility <50 m)** reported in isolated pockets of Odisha; **dense fog (visibility 50-199 m):** reported in isolated pockets of Himachal Pradesh, Meghalaya.
- ❖ **Cold wave conditions** at isolated places over Madhya Maharashtra, Punjab, Haryana and Chandigarh.
- ❖ **Ground frost** reported at isolated places over Uttarakhand.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ Yesterday's Depression over southwest Bay of Bengal and adjoining areas of westcentral Bay of Bengal, North Tamil Nadu, Puducherry & South Andhra Pradesh coasts weakened into a Well Marked Low Pressure over north Tamil Nadu, Puducherry coasts and neighbourhood at 0530 hrs IST of today, the 03rd December. It lay over North Tamil Nadu at 0830 hrs IST of today, the 03rd December. It is likely to move westwards slowly and weaken into a low-pressure area during next 24 hours
- ❖ The trough runs from above Well Marked Low Pressure area over North Tamil Nadu to Lakshadweep area across South Interior Karnataka, north Kerala in lower tropospheric level.
- ❖ The Western disturbance as an upper air cyclonic circulation persists 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. 74°E to the north of Lat. 32°N.
- ❖ The induced cyclonic circulation lay over northwest Uttar Pradesh & neighbourhood in lower tropospheric level.
- ❖ An upper air cyclonic circulation lies over Tripura and neighbourhood in lower tropospheric level.

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

- ❖ **Tamil Nadu & Puducherry:** Light to moderate rainfall at most places with **heavy to very heavy rainfall at isolated places** over North Coastal Tamil Nadu is very likely on 03rd December and **heavy rainfall** at isolated places on 04th & 05th December, 2025.
- ❖ **South Coastal Andhra Pradesh & Rayalaseema:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 03rd December, 2025.
- ❖ **Kerala:** Light to moderate rainfall at most places with **heavy to very heavy rainfall at isolated places** over Kerala is very likely on 03rd December and **heavy rainfall** at isolated places on 04th December, 2025.
- ❖ **South Interior Karnataka:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 03rd & 04th December, 2025.

- ❖ Isolated to scattered rainfall with **thunderstorm, lightning** likely over major parts of south peninsular India during next 2 days.

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

- ❖ **Minimum temperatures** are in the range of **less than 5°C** at most places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh; at isolated places over Uttarakhand, Haryana, Punjab; in the **range of 5°-10°C** at many places over Uttar Pradesh and north Rajasthan; at isolated parts of Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim. **The lowest minimum temperature of 2.4 °C is reported at Adampur (Punjab) over the plains of India.**
- ❖ **Minimum Temperature departures** were below normal (-1.6°C to -4.0°C) at most places over Haryana; at many places over Jammu-Kashmir-Ladakh, Punjab; at isolated places over West Rajasthan, West Madhya Pradesh, Maharashtra. **(refer to ANNEXURE IV)**

Forecast of minimum temperatures:

- ❖ No significant change in minimum temperature likely over many parts of Northwest India for next 5 days, except Uttar Pradesh where gradual fall in minimum temperature by 2-3°C during next 3 days and thereafter no significant change.
- ❖ Gradual fall in minimum temperature likely by 2-3°C over Central & East India during next 3 days and thereafter no significant change.
- ❖ No significant change in minimum temperature likely over Northeast India for next 2 days and fall by 2-3°C thereafter during subsequent 3 days.

Dense Fog & Cold wave warning Warnings:

- ❖ **Cold wave conditions** very likely to prevail in isolated pockets over Punjab, Haryana, Chandigarh on 04th & 05th; over north Rajasthan during 04th-06th; Jharkhand on 06th & 07th December.
- ❖ **Dense fog conditions** very likely to prevail during early morning hours in isolated pockets of Assam & Meghalaya, Odisha on 04th & 05th, Nagaland, Manipur, Mizoram & Tripura, Himachal Pradesh during 04th-06th December.

Fisherman Warning:

Fishermen are advised not to venture into the following areas during 03rd December to 08th December:

- **Arabian Sea:**

Over south Kerala coasts, Comorin, Gulf of Mannar & Lakshadweep areas on 03rd December; Over Lakshadweep and adjoining areas of southeast Arabian sea & off Kerala coast on 04th December.

- **Bay of Bengal:**

Over southwest & adjoining westcentral Bay of Bengal and along & off Tamil Nadu, Puducherry, south Andhra Pradesh on 03rd December.

ii) Weather conditions and forecast over Delhi/NCR during 03rd December-06th December, 2025 (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/fishermen-warning.php>

Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Royalaseema:** Chittamur ARG (dist Tirupati) 27, Kota (dist Tirupati) 23, Gudur (dist Tirupati), Satyavedu (dist Tirupati), Tada (dist Tirupati) 9 Each; Sullurpeta (dist Tirupati) 7;
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Hindusthan University (dist Chengalpattu) 15; Chetpet (dist Tiruvannamalai) 13; Tirumayam (dist Pudukkottai), Thamaraiakkam (dist Tiruvallur) 12

Each; Tiruvarur (dist Tiruvarur), Satyabama Uty ARG (dist Chengalpattu), Thirukalukundram (dist Chengalpattu), Kudimiyanmalai (dist Pudukkottai) 11 Each; Kelambakkam (dist Chengalpattu), Mahabalipuram (dist Chengalpattu), Illuppur (dist Pudukkottai), Red Hills (dist Tiruvallur), Ulundurpet (dist Kallakurichi), Vadakuthu (dist Cuddalore) 10 Each; Pollachi (dist Coimbatore), Tondi (dist Ramanathapuram), Cholavaram (dist Tiruvallur), Ponneri (dist Tiruvallur), Tiruvarur AWS (dist Tiruvarur), Gummidipoondi (dist Tiruvallur), Ambathur (dist Chennai), Perambur (dist Chennai), Neivasal Thenpathi (dist Thanjavur) 9 Each; Needamangalam (dist Tiruvarur), Uthukottai (dist Tiruvallur), Rscl Vallam (dist Villupuram) 8 Each; Virudachalam (dist Cuddalore), Karaikal (dist Karaikal), Mannargudi (dist Tiruvarur), Sholinganallur (dist Chennai), Dscl Eraiyur (dist Kallakurichi), Avadi (dist Tiruvallur), Ranipet AWS (dist Ranipet) 7 Each;

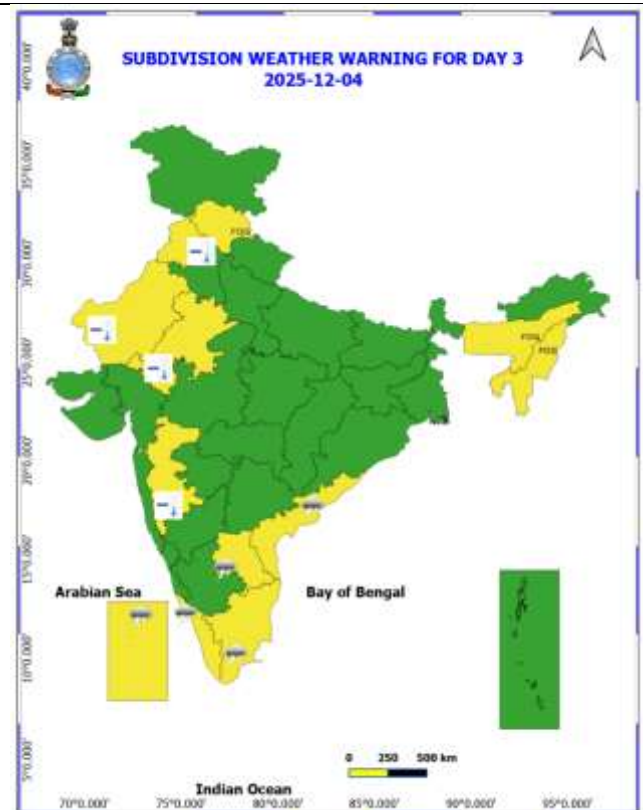
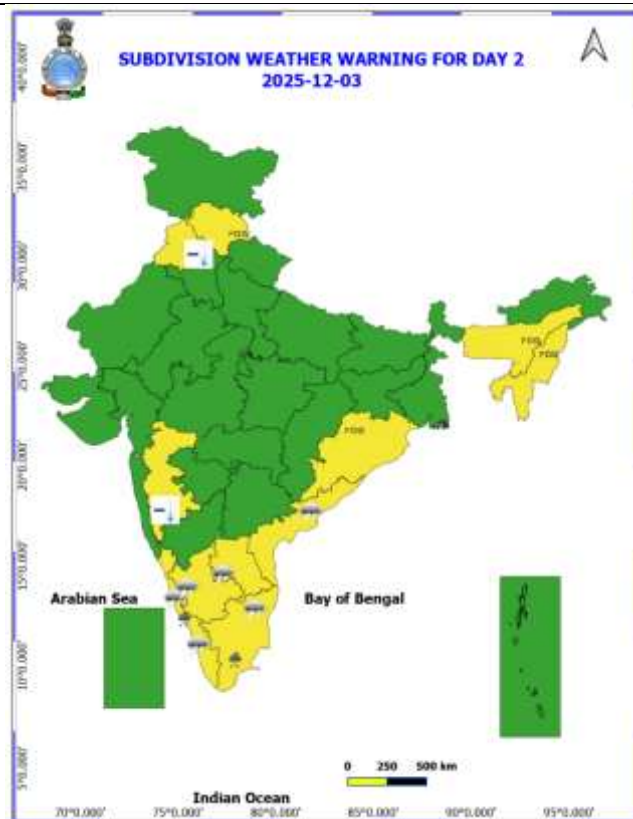
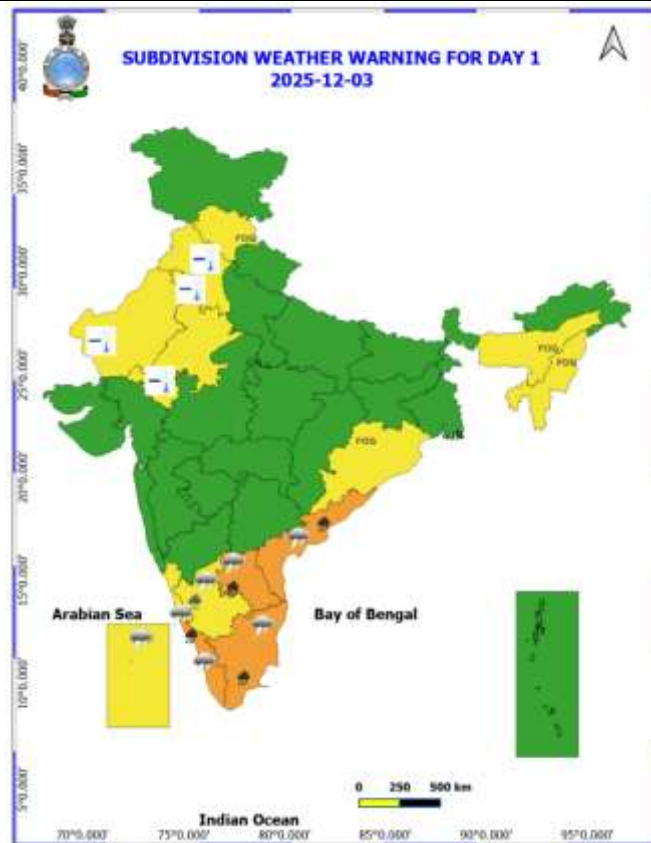
- ❖ **Coastal Andhra Pradesh & Yanam:** Edagali(dist Nellore)- 24, Nellore (dist Spsr Nellore) 9;
- ❖ **Kerala & Mahe:** Vannamada AWS (dist Palakkad) 7.

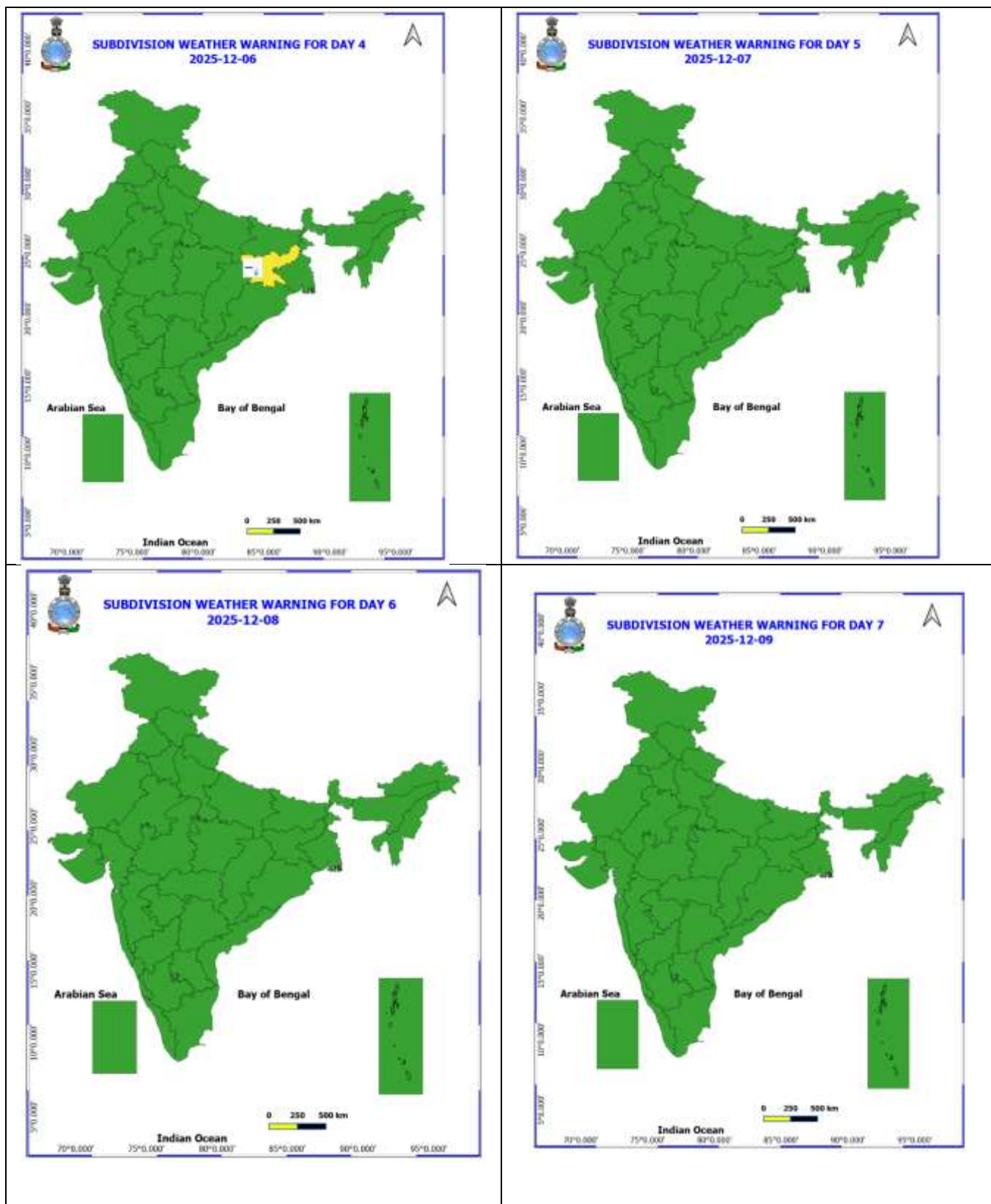
Visibility reported (≤ 200 m) (in meter):

- ❖ **Odisha:** Rourkela (40m); Bhawanipatna (50m)
- ❖ **Himachal Pradesh:** Bilaspur(50M), Sundernagar(70M), Mandi(100M);
- ❖ **Meghalaya:** JORHAT=150

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

- 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 districtwise MultiHazard weather warning for next five days available at
<https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 03rd December to 06th December 2025**Past Weather:**

There has been appreciable fall by 2-3°C in minimum temperatures and no large change in maximum temperatures during past 24 hours over Delhi. The maximum and minimum temperatures over Delhi were around 24 to 26°C and 06 to 08°C, respectively. The minimum temperatures are normal (-1.5 to 1.5°C) at isolated places, below normal (-1.6 to -03.0°C) at isolated places, appreciable below normal (-3.1 to -5.0°C) at a few places and markedly below normal (-5.1°C or less) at isolated places over Delhi. The maximum temperatures were normal (-1.5 to 1.5°C) at most places over Delhi. Mainly clear sky conditions with predominant surface wind from the northwest direction, with a wind speed up to 10 kmph, prevailed during the past 24 hours. Mainly clear sky conditions with wind from the northwest direction with a wind speed up to 15 kmph prevailed over the region in the forenoon today.

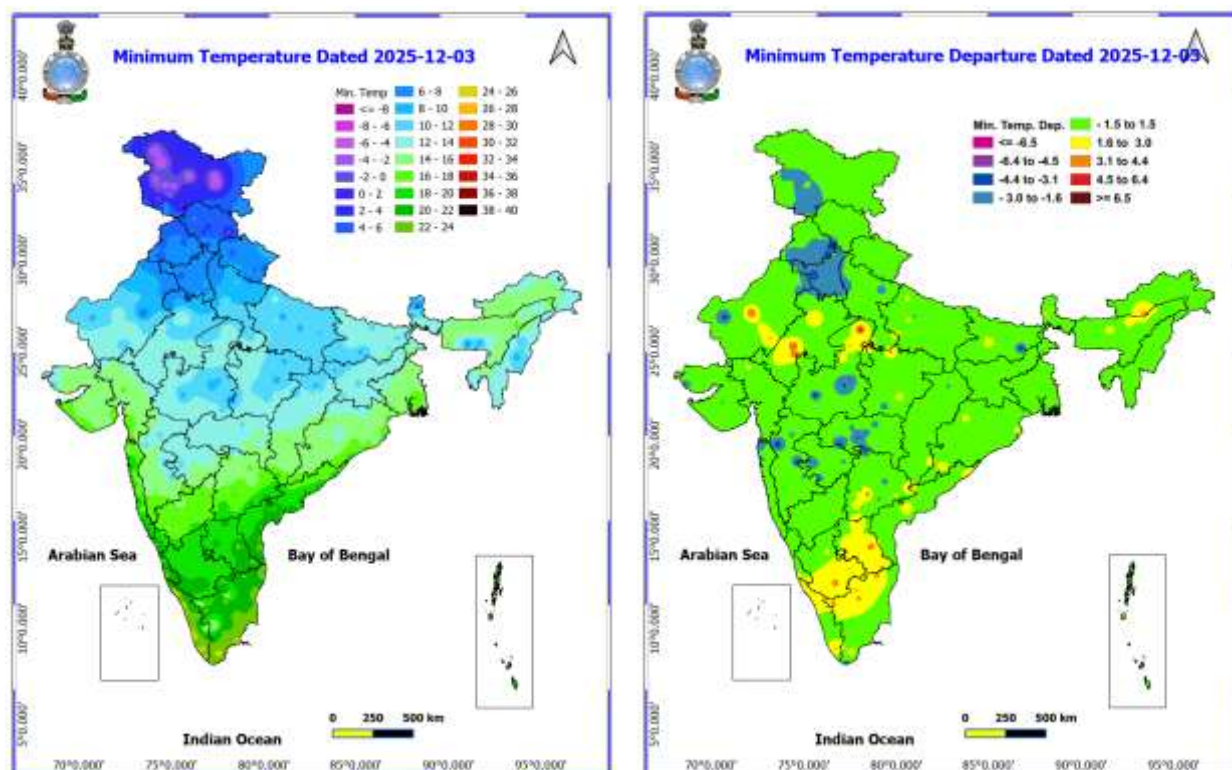
Weather Forecast:

03.12.2025: Mainly clear sky. Mist/Haze during the night. The maximum temperatures are likely to be in the range of 23 to 25°C. The maximum temperatures will be below normal (-0.3 to -2.3°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed upto 15 kmph during the afternoon hours. The wind speed will gradually decrease up to 10 kmph from the west direction during the evening and night.

04.12.2025: Mainly clear sky. Shallow fog during morning hours. Cold wave conditions at isolated places. The maximum and minimum temperatures over Delhi are likely to be in the range of 22 to 24°C and 05 to 07°C respectively. The minimum temperatures will be below normal (-2.5 to -4.5°C), and the maximum temperatures will be below normal (-1.3 to -3.3°C) over Delhi. The predominant surface wind is likely to be from the west direction with wind speed up to 10 kmph during morning hours. The wind speed will remain same upto 10 kmph from the northwest direction in the afternoon. The wind speed will remain same upto 10 kmph from the northwest direction during the evening and night.

05.12.2025: Partly cloudy sky. shallow fog during morning hours. cold wave conditions at isolated places. The maximum and minimum temperatures over Delhi are likely to be in the range of 22 to 24°C and 04 to 06°C respectively. The minimum temperatures will be below normal (-3.5 to -5.5 °C), and the maximum temperatures will be below normal (-1.3 to -3.3 °C) over Delhi. The predominant surface wind is likely to be from the northwest direction with a wind speed up to 10 kmph during morning hours. The wind speed will increase up to 15 kmph from the northwest direction in the afternoon. The wind speed will be less than 15 kmph from the northwest direction during the evening and night.

06.12.2025: Partly cloudy sky. Shallow fog during morning hours. The maximum and minimum temperatures over Delhi are likely to be in the ranges of 23 °C to 25 °C and 07°C to 09 °C, respectively. The minimum temperatures will be below normal (-0.5 to -2.5 °C), and the maximum temperature will be below normal (-0.3 to -2.3 °C) over Delhi. The predominant surface wind is likely to be from the northwest direction, with wind speed of up to 15 kmph during the morning hours. The wind speed will remain same up to 15 kmph from the west direction in the afternoon. The predominant surface wind is likely to be from the northwest direction with wind speed up to 10 kmph during the evening and night.



Impact & Action Suggested due to

Isolated heavy to very heavy rain and strong winds (coastal districts of north Tamil Nadu, Puducherry, Kerala & Mahe and south Andhra Pradesh) up to 03rd December evening.

Impact Expected:

- ❖ Breaking of tree branches, uprooting of small trees. Damage to orchards, horticulture & floriculture, standing crops including banana, papaya and drumstick trees due to inundation, winds and sea spray.
- ❖ Damage to Kutcha roads and culverts.
- ❖ Inundation/ water logging in low-lying areas in coastal districts due to heavy rainfall and flash flood. Flooding of escape routes and damage to salt pans.
- ❖ Riverine flooding in some river catchments. Please refer advisories by Central Water Commission in this regard.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging.
- ❖ Localized Landslides/Mudslides.

Action suggested:

- ❖ Total suspension of fishing operations.
- ❖ People in affected areas to remain indoors.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ Movement in motor boats unsafe.
- ❖ Judicious regulation of offshore/onshore operations
- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Surface transport and helicopter services to be regulated.

Impact expected due to Cold Wave conditions over Punjab, Haryana, Chandigarh on 04th & 05th; over north Rajasthan during 04th-06th; Jharkhand on 06th & 07th December.

- ❖ An increased likelihood of various illnesses like flu, running/ stuffy nose or nosebleed, which usually set in or get aggravated due to prolonged exposure to cold.
- ❖ Do not ignore shivering. It is the first sign that the body is losing heat. Get Indoors.
- ❖ Frostbite can occur due to prolonged exposure to cold. The skin turns pale, hard and numb and eventually black blisters appear on exposed body parts such as fingers, toes, nose and or earlobes. Severe frostbite needs immediate medical attention and treatment.
- ❖ Impact on agriculture, crop, livestock, water supply, transport and power sector at some places.

Action suggested:

- ❖ Wear several layers of loose fitting, light weight; warm woollen clothing.
- ❖ Cover your head, neck, hands and toes adequately as majority of heat loss occurs through these body parts. Wear several layers of loose fitting, light weight; warm woollen clothing rather than one layer of heavy cloth.
- ❖ Eat vitamin-C rich fruits & vegetable and drink sufficient fluids preferably warm fluids to maintain adequate immunity.
- ❖ Avoid or limit outdoor activities.
- ❖ Keep dry, if wet, change cloths immediately to prevent loss of body heat. Wear insulated/waterproof shoes.
- ❖ Warm the affected area of the body slowly with lukewarm water; do not rub the skin vigorously.
- ❖ If the affected skin area turns black, immediately consult a doctor.
- ❖ Maintain ventilation while using Heaters to avoid inhaling toxic fumes.
- ❖ Take safety measures while using electrical and gas heating devices.
- ❖ Extreme care needed for vulnerable people.
- ❖ Seek medical attention as soon as possible for someone suffering from frostbite/ Hypothermia.
- ❖ Protect livestock from cold weather.

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy Rainfall

- In **Tamil Nadu**, drain out excess rain water from the fields of rice, groundnut, sugarcane, cotton, black gram, maize and vegetables and plantations of coconut, banana, areca nut, mango, rubber, cinnamon and black pepper. Strengthen irrigation channels and field bunds in rice to avoid crop lodging. Provide support to banana plants with wooden poles to prevent them from falling.
- In **Andhra Pradesh**, provide extensive drainage in *rabi* rice nurseries, transplanted rice, Bengal gram, red gram, maize, jowar, already sown crops of ragi, chickpea, black gram, vegetables and orchards. Keep the harvested produce of rice, maize, groundnut and cotton to safer places. Postpone picking of cotton, harvesting of rice and sowing of ragi, chickpea & black gram.
- In **Kerala**, make necessary arrangements to drain out excess rain water from the fields of rice, vegetables and plantations of banana, coconut, cardamom and black pepper. Carry out propping in banana to prevent their falling due to heavy rainfall. Undertake staking for vegetables grown in pandals.

Livestock / Fishery

- Keep the animals inside the shed during heavy rainfall 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.

Agromet advisories for likely impact of Thunderstorm / Gusty 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.

Agromet advisories for likely impact of Cold Waves/ Low Temperatures

- In **Punjab, Rajasthan** and **north Madhya Maharashtra**, apply light and frequent irrigation to the standing crops in the evening to protect the crops from low temperature stress. Use mulching and cover vegetable nurseries and young fruit plants with straw / polythene sheets to maintain optimum soil temperature. Cover banana bunches with 6% perforated plastic bags for protection from low temperatures. In **north Madhya Maharashtra**, erect shade nets around grape vines and pomegranate orchards to minimize cold impact.

Legends & abbreviations:

- ❖ **Heavy Rain:** 64.5-115.5mm; **Very Heavy Rain:** 115.6-204.4mm; **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, 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

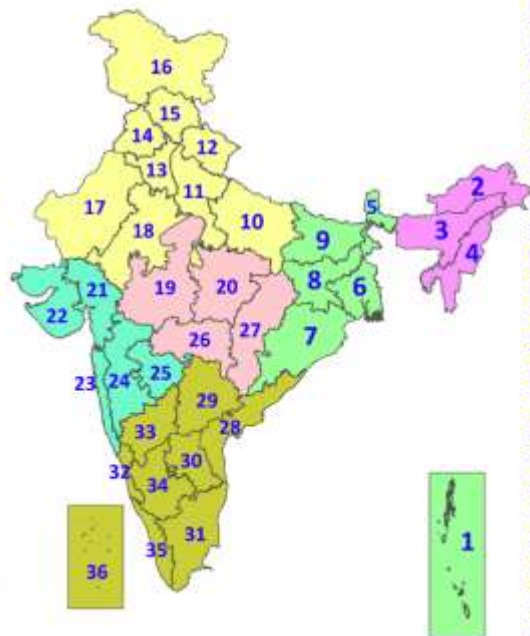
32. तटीय कर्नाटक

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 *

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 $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ 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 $\geq 6.5^{\circ}\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.

Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$.

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$.

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 $> 6.4^{\circ}\text{C}$.

Cold Wave

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$

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

Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$

Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$

(c) For Coastal Stations

When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$

Cold Day

When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ 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 $\leq -6.5^{\circ}\text{C}$

Fog

Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$

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 $\leq 4^{\circ}\text{C}$ (over Plains)

Squall

A strong wind that rises suddenly, lasts for atleast 1 minute.

Moderate: Wind speed 52-61 kmph

Severe: Wind speed 62-67 kmph

Very Severe: Wind speed > 67 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 Storm: Wind speed > 220 kmph (> 119 knots)

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