



2025-12-19

Time of Issue: 13:39:00 hours IST

(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

 Isolated rainfall/snowfall very likely over Western Himalayan region for next 5 days with Heavy rainfall/snowfall likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 21st December and isolated rainfall over Punjab during 20th-22nd December.

Forecast of minimum temperatures:

- Gradual rise in minimum temperatures by 2-3 °C over Northwest India for next 3 days and thereafter fall by 2-4°C during subsequent 4 days.
- No significant change in minimum temperature very likely over East India for next 5 days and thereafter gradual fall in minimum temperature by 2°C for subsequent 2 days.
- No significant change minimum temperatures over Gujarat Region during next 2 days and gradual fall by 2-3°C thereafter during subsequent 5 days.
- No significant change in minimum temperature over Maharashtra, Central and Northeast India during next 7days.

Dense Fog & Cold wave Warnings:

- **Dense to very dense fog conditions** during night/morning hours very likely at many places over Punjab till morning hours of 20th December, Uttarakhand, Haryana, Chandigarh, West Uttar Pradesh, north Madhya Pradesh & Bihar till morning hours of 21st December, East Uttar Pradesh till morning hours of 22nd December and at isolated places over Punjab, Haryana & Chandigarh, Uttar Pradesh on 24th & 25th December.
- Dense fog conditions during night/morning hours very likely at isolated pockets of northeast India till morning hours of 24th December; Himachal Pradesh, Chhattisgarh, Jharkhand & north Odisha till morning hours of 21st December; Haryana, Chandigarh, West Uttar Pradesh on 21st & 23rd December; Bihar on 21st & 22nd December; over Uttarakhand & Punjab on 23rd; East Uttar Pradesh on 22nd & 23rd; East Rajasthan till morning hours on 20th, 22nd & 23rd December and over West Rajasthan on 22nd and 23rd December.
- **Cold wave conditions** very likely over isolated places over Telangana and South Interior Karnataka on 20th & 21st and over West Madhya Pradesh on 20th December.
- Cold wave to Severe cold wave conditions very likely over isolated places over North Interior Karnataka on 20th & 21st December.
- Cold day conditions very likely over isolated places over Bihar and Uttar Pradesh on 19th December.



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Main Weather Observations:

- ❖ Rainfall distribution (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Kerala & Mahe; Dry over rest of the country.
- ♦ Fog Condition Observed (at 0830 hours of today): Dense to very Dense fog prevailed at a few places over Odisha, Uttar Pradesh and Madhya Pradesh; dense fog:reported in isolated pockets of Assam & Meghalaya, Manipur, Tripura, Jharkhand, Bihar, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi.
- ♦ Visibility reported (?200 m): Assam & Meghalaya: Jorhat 100m, Barapani (150); Tripura: Agartala (50); Manipur: Imphal (100); Odisha: Rourkela(25); Jharkhand: Daltanganj (150); Bihar: Gaya(100); Himachal Pradesh: Bilaspur-50m; Punjab: Amritsar(0) Patiala(10) Gurdaspur (0); Haryana And Chandigarh: Hisar (30) Ambala (50m) Chandigarh (100m); West Uttar Pradesh: Agra(IAF) & Bareilly(IAF)-0, Aligarh-(30) Bareilly-(40), Aligarh(Ap), Agra (Taj) & Meerut-(50); East Uttar Pradesh: Gorakhpur(IAF), ASM Kushinagar-(0), Bahraich-(20), Fatehgarh, Gorakhpur-(30), Shrawasti(A/P), Ayodhya, Fursatganj, Ballia, Lakimpur Kheri, Lucknow-(50) Each, Kanpur(City)-(60), Prayagraj, Varanasi(A/P)-(100), Ayodhya(A/P)-(150); West Madhya Pradesh: Gwalior(0); East Madhya Pradesh: Rewa(50), Jabalpur (50) each.
 - Cold day conditions observed at isolated places over West Uttar Pradesh.
 - Cold wave conditions observed at isolated places over West Madhya Pradesh.
- ♦ Minimum Temperature Departures (as on 19-12-2025): below normal(-1.6°C to -3.0°C) at many places over Vidarbha; at few places over Konkan & Goa, Madhya Maharashtra, Marathwada, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka and Kerala & Mahe; at isolated places over Assam & Meghalaya, Odisha, Haryana-Chandigarh-Delhi, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Chhattisgarh and Coastal Andhra Pradesh & Yanam. appreciably below normal(-5.0°C to -3.1°C) at few places over Madhya Maharashtra, Chhattisgarh and Telangana; at isolated places over Odisha, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa, Marathwada, Vidarbha, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka, South Interior Karnataka and Kerala & Mahe. markedly below normal(< -5.0°C) at many places over North Interior Karnataka; at few places over Gangetic West Bengal, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Rayalaseema, Coastal Karnataka and South Interior Karnataka; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, East Uttar Pradesh, West Uttar Pradesh, Saurashtra & Kutch, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. The lowest minimum temperature of 4.0°C is reported at SHIVPURI (MADHYA PRADESH) over the Plains of India.
- **♦ Maximum Temperature Departures (as on 18-12-2025): The highest maximum temperature** of 36.6°C is reported at CANNANORE (KANNUR) (KERALA).



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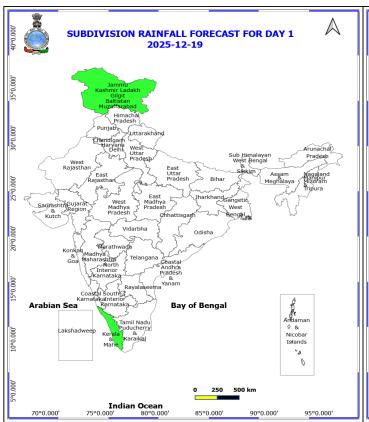
Meteorological Analysis (Based on 0830 hours IST)

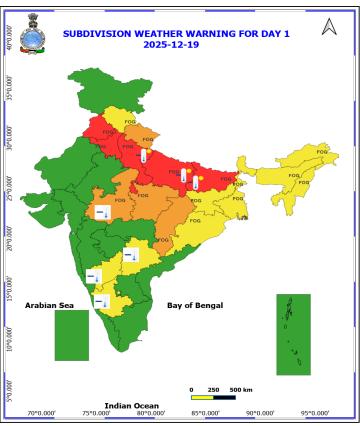
- The **Western Disturbance** as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above mean sea level persists.
- Another **Western Disturbance** as a cyclonic circulation over Southwest Iran & neighbourhood extending upto 5.8 km above mean sea level persists.
- The **cyclonic circulation** over South Kerala and neighbourhood now lies over southeast Arabian sea & adjoining south Kerala coast at 1.5 km above mean sea level.
- Subtropical westerly Jet Stream with core winds of the order upto 100 knots at 12.6 km above mean sea level continues to prevail over North India.

Weather Outlook for subsequent 3 days

• Isolated to Scattered rainfall activity over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Hiamchal Pradesh, Kerala, Tamil Nadu and Islands.





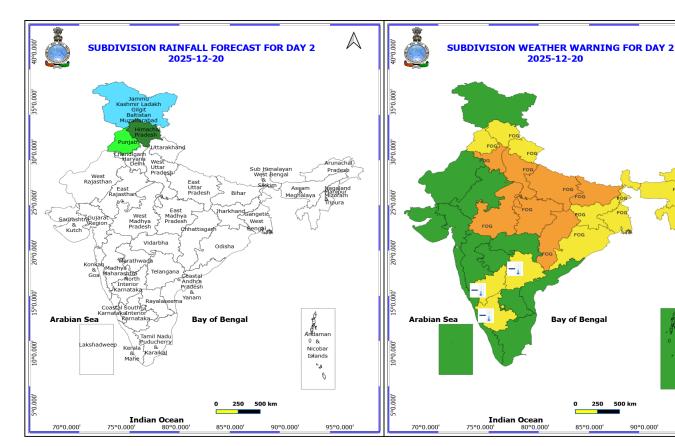


19 December (Day 1)

- ♦ Cold wave conditions very likely at isolated places over South Interior Karnataka, Telangana and West Madhya Pradesh.
- **Cold wave to Severe Cold wave conditions** very likely at isolated places over North Interior Karnataka.
- ♦ Cold Day conditions very likely at isolated places over Bihar and Uttar Pradesh.
- ♦ Dense Fog very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha and West Bengal & Sikkim.
- ♦ Dense to Very Dense Fog very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Madhya Pradesh, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ Squally winds with speeds reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail over Gulf of Mannar & adjoining Comorin area.



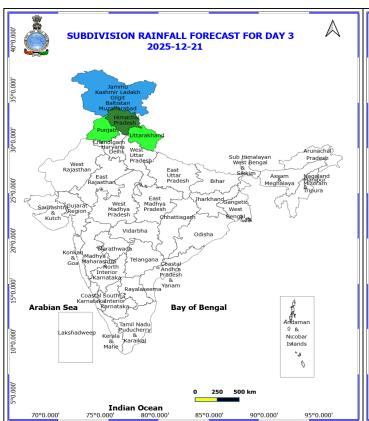
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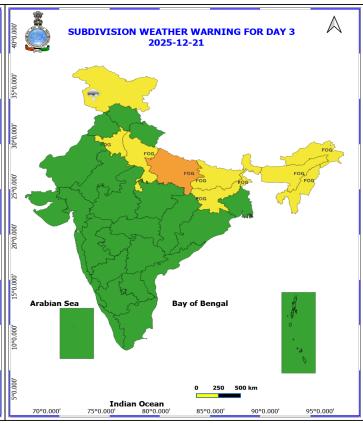


20 December (Day 2)

- Cold wave conditions very likely at isolated places over Interior Karnataka and Telangana.
- ♦ Dense Fog very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Himachal Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Punjab and West Bengal & Sikkim.
- ♦ Dense to Very Dense Fog very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Madhya Pradesh, Uttar Pradesh and Uttarakhand.
- ♦ Squally winds with speeds reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off south Somalia coast, adjoining westcentral Arabian Sea, along and off Somalia coast, adjoining sea areas, over Gulf of Mannar & adjoining Comorin area.





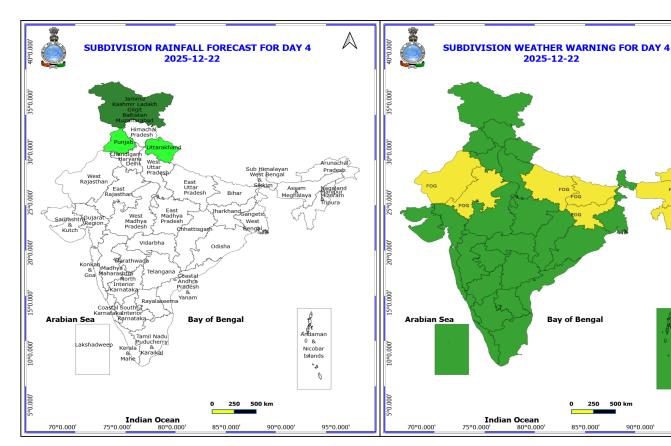


21 December (Day 3)

- Heavy Snowfall very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ♦ Dense Fog very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim and West Uttar Pradesh.
- ❖ Dense to Very Dense Fog very likely at isolated places over East Uttar Pradesh.
- ♦ Squally winds with speeds reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off south Somalia coast, adjoining westcentral Arabian Sea, along and off Somalia coast, adjoining sea areas.



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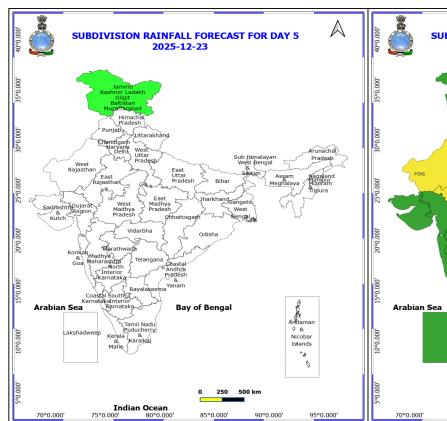
22 December (Day 4)

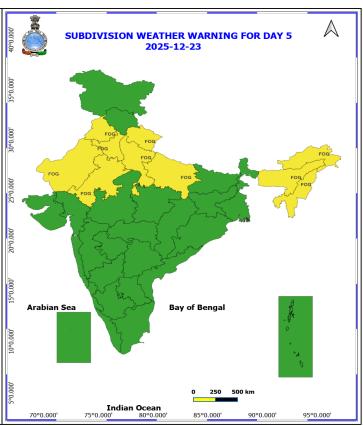
♦ **Dense Fog** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, East Uttar Pradesh, Jharkhand, Nagaland, Manipur, Mizoram and Tripura and Rajasthan.

No Warning



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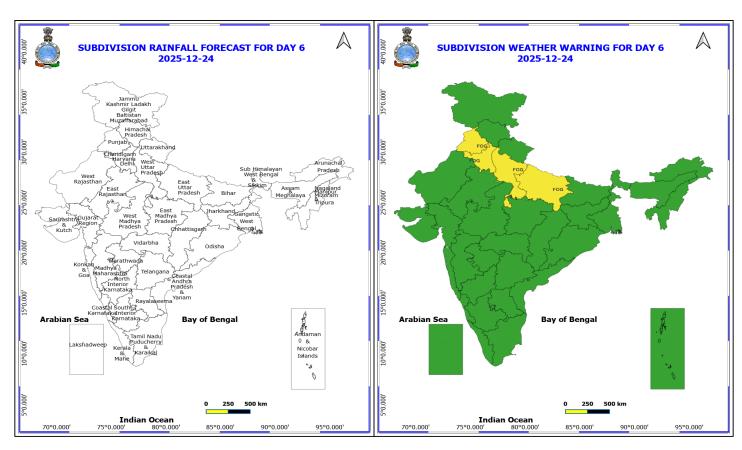
23 December (Day 5)

♦ Dense Fog likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Haryana, Chandigarh & Delhi, Nagaland, Manipur, Mizoram and Tripura, Punjab, Rajasthan, Uttar Pradesh and Uttarakhand.

No Warning



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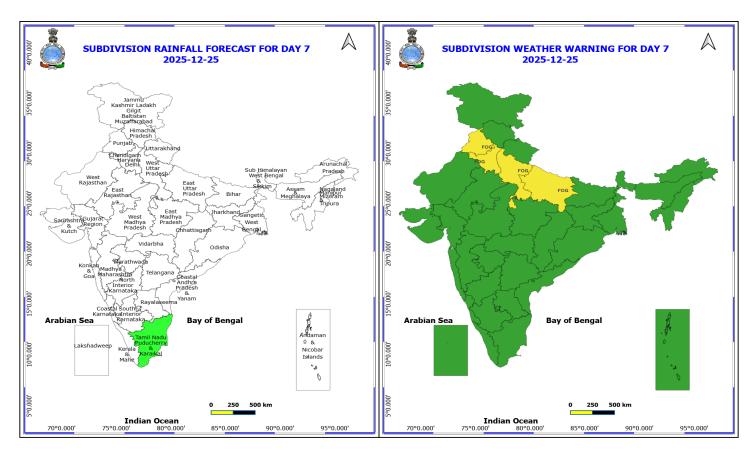
24 December (Day 6)

♦ Dense to Very Dense Fog likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and Uttar Pradesh.

No Fishermen Warning



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25 December (Day 7)

♦ Dense to Very Dense Fog likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and Uttar Pradesh.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

| | r Dayo Raiin | all i | | 50 4 | | | | |
|-------|------------------------------|-------|-------|-------------|-------|-------|-------|-------|
| S.No. | Subdivision | 19- | 20- | 21- | 22- | 23- | 24- | 25- |
| | | Dec | Dec | Dec | Dec | Dec | Dec | Dec |
| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
| 1 | ANDAMAN & NICOBAR ISLANDS | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 2 | ARUNACHAL PRADESH | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 3 | ASSAM & MEHGHALAYA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 4 | N. M. M. & T. | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 5 | S.H. WEST BENGAL & SIKKIM | DRY | 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 | ISOL | DRY | DRY | DRY |
| 13 | HARYANA, CHD & DELHI | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 14 | PUNJAB | DRY | ISOL | ISOL | ISOL | DRY | DRY | DRY |
| 15 | HIMACHAL PRADESH | DRY | SCT | SCT | DRY | DRY | DRY | DRY |
| 16 | JAMMU AND KASHMIR AND LADAKH | ISOL | FWS | WS | SCT | ISOL | DRY | DRY |
| 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 | CHATTISGARH | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 28 | COASTAL ANDHRA PRADESH | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 29 | TELANGANA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 30 | RAYALASEEMA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 31 | TAMILNADU & PUDUCHERRY | DRY | DRY | DRY | DRY | DRY | DRY | ISOL |
| 32 | COSTAL KARNATAKA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 33 | NORTH INTERIOR KARNATAKA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 34 | SOUTH INTERIOR KARNATAKA | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| 35 | KERALA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 36 | LAKSHDWEEP | DRY | DRY | DRY | DRY | DRY | DRY | DRY |

| Legend | Category | %Stations |
|--------|-------------------------------|-----------|
| WS | Widespread/Most Places | 76-100 |
| FWS | Fairly Widespread/Many Places | 51-75 |
| SCT | Scattered/ A Few Places | 26-50 |
| ISOL | Isolated Places | 1-25 |
| DRY | No Rain | 0 |

Fig. 1: Maximum Temperatures Dated 2025-12-18

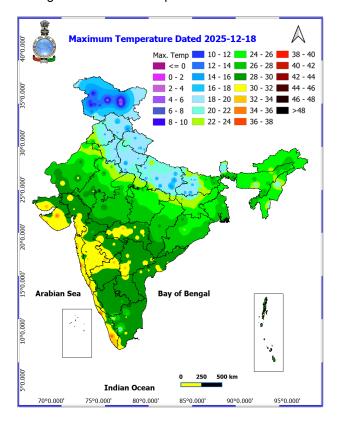


Fig. 3: Minimum Temperatures Dated 2025-12-19

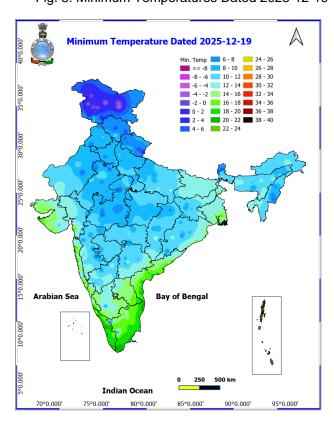


Fig. 2: Departure of Maximum Temp. Dated 2025-12-18

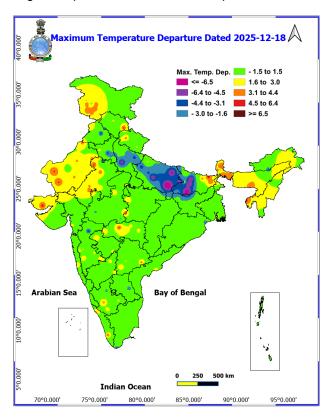
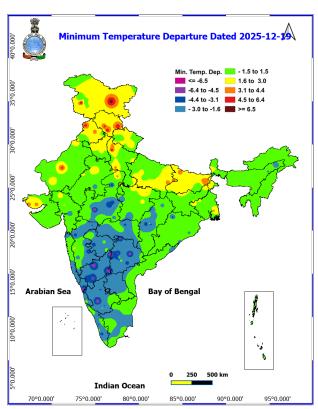
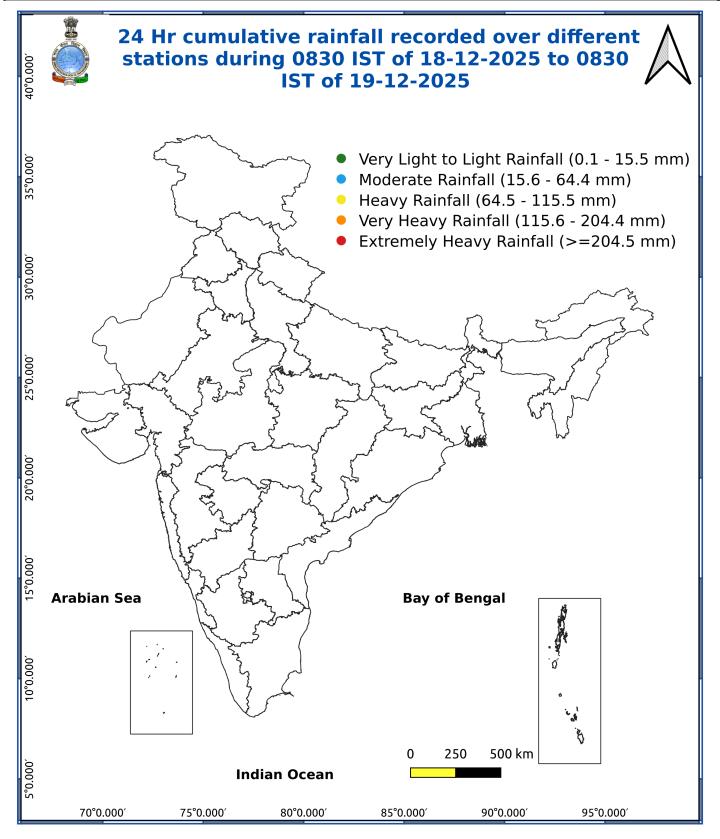


Fig. 4: Departure of Minimum Temp. Dated 2025-12-19









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 Impact expected due to dense/very dense fog in the night/morning hours:very likely at many places over Punjab till morning hours of 20th December, Uttarakhand, Haryana, Chandigarh, West Uttar Pradesh, north Madhya Pradesh & Bihar till morning hours of 21st December, East Uttar Pradesh till morning hours of 22nd December and at isolated places over Punjab, Haryana & Chandigarh, Uttar Pradesh on 24th & 25th December.

❖Transport and Aviation:

- May affect some airports, highways and railway routes in the areas of met-sub-division.
- Difficult driving conditions with slower journey times.
- Unless taken precautionary measures, it may lead to some road traffic collisions.

Power Sector:

· Chances of Tripping of Power lines in the very dense fog routes

Human Health:

- Lung related health impacts: Dense fog contains particulate matter and other pollutants and in case exposed it gets lodged in the lungs, clogging them and decreasing their functional capacity which increases episodes of wheezing, coughing and shortness of breath.
- Impact on people having asthma bronchitis: Long time exposure to dense fog may cause respiratory problem for people having asthma bronchitis and other lung related health problems.
- Eye Irritation: Dense fog contains pollutions of various types and these Pollutants in the air if exposed may tend to irritate the membranes of the eye causing various infections leading to redness or swelling of the eye.

Action suggested:

Transport and Aviation:

- Be careful while driving or outing through any transport.
- Use fog lights during driving.
- Be in touch with airlines, railways and state transport for schedule of your journey.

❖ Power Sector:

- To keep ready Maintenance Team.
- Human Health: To avoid outing until unless emergency and to cover the face.

Impact expected due to

- **Cold Wave conditions** very likely over isolated places over Telangana and South Interior Karnataka on 20th & 21st and over West Madhya Pradesh on 20th December.
- Cold wave to Severe cold wave conditions very likely over isolated places over North Interior Karnataka on 20th & 21st 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.



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• 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.
- Impact expected due to Cold Day conditions very likely over isolated places over Bihar and Uttar Pradesh on 19th 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.

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- 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 various parts of the country

Agromet advisories for likely impact of Cold Waves / Low Temperatures



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• In West Madhya Pradesh, Interior Karnataka and Telangana, 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.

Livestock / Poultry

- Keep cattle inside the sheds during night and provide dry bedding to protect them from cold.
- Keep the chicks warm by providing artificial light in the poultry sheds.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

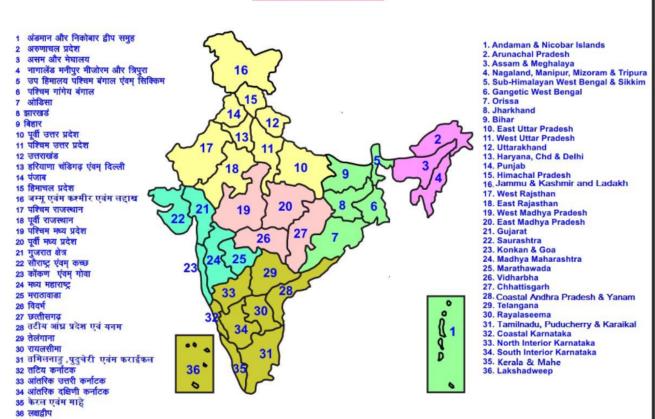
 Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Legends & abbreviations:

- 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.
- EastIndia: 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



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 Widespred (FWS/ Many Places) | 1-25 | Isolated (ISOL) |

Subdivision Colour

NO WARNING

WATCH (BE UPDATED)

ALERT (BE PREPARED TO TAKE ACTION

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

Probabilistic Forecast

WARNING (TAKE ACTION)

Very Heavy Rain Heavy Rain Thunderstorm & Lightning

Strong surface winds

Cold Wave

Hot & Humid







Extremely Heavy Rain 🗼 Heavy Snow

2 Dust Strom



Dust Raising Winds



Ground Frost

Hot Day

FOG FOG



| | <u> </u> | EGENDS |
|---|---|---|
| | WARNING | Probabilistic Forecast |
| | WARNING (TAKE ACTION) | Terms Probability of Occurrence (%) |
| | ALERT (BE PREPARED) | Unlikely < 25 Likely 25 - 50 |
| | WATCH (BE UPDATED) | Very Likely 50 - 75 |
| 10 | NO WARNING (NO ACTION) | Most Likely > 75 |
| / Ç | Heavy: 64.5 to 115.5 mm/cm * Very Heavy: 115.6 to 204.4 mm/cm * Extremely Heavy: > 204.4 mm/cm * | |
| | (a) Based on Departure from norma | |
| | Heat Wave: Maximum Temperature Depa Severe Heat Wave: Maximum Temperature | |
| j+ | (b). Based on Actual maximum temperature | |
| at Wave | Heat Wave: When actual maximum temper | |
| | Severe Heat Wave: When actual maximu | N. A. of S. |
| | (c). Criteria for heat wave for coast: When maximum temperature departure is temperature ≥37°C | al stations >4.5°C from normal. Heat Wave may be described provided |
| a . | When maximum temperature rema | |
| m Night | Warm Night: When minimum temperature | |
| | Severe Warm Night: When minimum tem | perature departure 20.4 °C. |
| | (a). Based on departure | station ≤10°C for plains and ≤0°C for hilly region |
| | Cold Wave: Minimum Temperature Depart Severe Cold Wave: Minimum Temperature | |
| Ĵ- | (b) Based on actual Minimum Temperatur | |
| ld Wave | Cold Wave : When Minimum Temperature | |
| | Severe Cold Wave: When Minimum Term | |
| | (c) For Coastal Stations | |
| | | s ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C |
| Q - | When minimum temperature of a st Based on departure Cold Day: Maximum Temperature Depart | ation ≤10°C for plains and ≤0°C for hilly regions |
| old Day | Severe Cold Day: Maximum Temperature | |
| | Dhamanan of amali danalata | |
| | Moderate Fog: When the visibility between | suspended in air and the horizontal visibilit |
| | Dense Fog: when the visibility between 5 | |
| _ | Delice Log. When the Helbinty Bethreen't | 200 11101100 |
| Fog | Very Dense Fog: when the visibility < 50 | |
| | Very Dense Fog: when the visibility < 50 | |
| Fog | Very Dense Fog: when the visibility < 50 s Sudden electrical discharges manife sound (thunder) | metres |
| Fog ## Inderstorm ust/Sand | Very Dense Fog: when the visibility < 50 sound (sound (thunder) An ensemble of particles of dust or turbulent wind. | ested by a flash of light (Lightning) and a sharp ru |
| Fog My nderstorm ust/Sand Storm | Very Dense Fog: when the visibility < 50 Sudden electrical discharges manife sound (thunder) An ensemble of particles of dust or | ested by a flash of light (Lightning) and a sharp ru |
| Fog ## nderstorm sst/Sand Storm | Very Dense Fog: when the visibility < 50 sound (sound (thunder)) An ensemble of particles of dust or turbulent wind. | ested by a flash of light (Lightning) and a sharp ru |
| Fog ## Inderstorm ust/Sand | Very Dense Fog: when the visibility < 50 months of the visibility | ested by a flash of light (Lightning) and a sharp ru sand energetically lifted to great heights by a stro |
| Fog St/Sand Storm Frost | Very Dense Fog: when the visibility < 50 months of the visibility | ested by a flash of light (Lightning) and a sharp ru sand energetically lifted to great heights by a stro |
| Fog Wynderstorm ust/Sand Storm Frost | Very Dense Fog: when the visibility < 50 months of the visibility | ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a stro |
| Fog Wynderstorm ust/Sand Storm Frost | Very Dense Fog: when the visibility < 50 months of the visibility | ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a strought, lasts for atleast 1 minute. |
| Fog Wynderstorm ust/Sand Storm Frost Gquall | Very Dense Fog: when the visibility < 50 most of the visi | ested by a flash of light (Lightning) and a sharp runs sand energetically lifted to great heights by a stro |
| Fog Wy nderstorm sst/Sand Storm Frost | Very Dense Fog: when the visibility < 50 most of the visi | ested by a flash of light (Lightning) and a sharp rules sand energetically lifted to great heights by a stro nly, lasts for atleast 1 minute. ever specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre nph (34-63 knots) & Wave height 6-14 metre |
| Frost Frost | Very Dense Fog: when the visibility < 50 meshadown sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-61 kmph Very Severe: Wind speed >87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km Phenomenal: Wind speed >117 kmph (>60) | ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Every specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre mph (34-63 knots) & Wave height 6-14 metre 33 knots) & Wave height >14 metre |
| Frost Frost | Very Dense Fog: when the visibility < 50 mostly sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤ 4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-61 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km | ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Experimental energy and the strong area of |
| st/Sand Storm | Sudden electrical discharges manife sound (thunder) An ensemble of particles of dust or turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudde Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea of Rough to very rough: Wind speed 41-62 High to very high: Wind speed 63-117 km Phenomenal: Wind speed >117 kmph (>60 Cyclonic Storm: Wind speed 62-87 kmph | ested by a flash of light (Lightning) and a sharp runs and energetically lifted to great heights by a stroinly, lasts for atleast 1 minute. Ever specific area 2 kmph (22-33 knots) & Wave height 2.5-6 metre and (34-63 knots) & Wave height 6-14 metre and knots) & Wave height 5-14 metre and (34-47 knots) 1 (34-47 knots) 1 (34-47 knots) 1 (34-63 knots) 1 (34-65 kmph (64 - 89 knots) |