**Government of India**
**Ministry of Earth Sciences**
**India Meteorological Department**

**Press Release**
**Date: 27th November 2026**
**Time of Issue:1325 hours IST**

**Subject: Isolated heavy rainfall likely over Tamil Nadu, Puducherry & Karaikal on 27th & 28th, Kerala & Mahe on 27th November and Andaman & Nicobar Islands during 30th November-02nd December 2026. No Significant Weather likely over remaining parts of the country during next one week.**

**Realized weather during past 24 hours ending at 0830 hours IST of today, the 27th November, 2026:**

- **Very Heavy rainfall (12-20 cm)** reported over Tamil Nadu: Kovilpatti (Thoothukudi) 13; Telangana: Bhuvanagiri: 12.
- **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, East Uttar Pradesh and Tripura.
- **Visibility reported (< 200 meters): Odisha:** Rourkela, Koraput 50 m each; **East Uttar Pradesh:** Azamgarh 100 m; **Himachal Pradesh:** Bilaspur 150 m; **Tripura:** Agartala 50 m.

**Weather Systems, Forecast and Warnings (Annexure I & II):**

- A **trough** in easterlies runs from southern parts of Lakshadweep to Coastal Karnataka in lower tropospheric level.
- A **trough** runs from South Madhya Maharashtra to North Gujrat in lower tropospheric level.
- An **upper air cyclonic circulation** is likely to emerge over South Andaman Sea around 29th November 2026.

**Under the influence of above systems, the following weather is likely:**

**East India:**

- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 27th-29th November.
- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 30th November-3rd December.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 29th November-2nd December, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands on 3rd December.
- Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 30th November-2nd December.

**South Peninsular India:**

- **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal on 27th November and during 29th November-3rd December; Kerala & Mahe during 29th November-3rd December; Lakshadweep on 29th November and during 2nd-3rd December; Coastal Karnataka during 27th-28th November; North Interior Karnataka and Telangana on 27th November; South Interior Karnataka during 27th-28th November and during 2nd-3rd December; Coastal Andhra Pradesh & Yanam and Rayalaseema during 27th November-3rd December.
- **Fairly Widespread to Widespread** rainfall likely over Tamil Nadu, Puducherry & Karaikal on 28th November; Kerala & Mahe and Lakshadweep during 27th-28th November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe, Lakshadweep and Tamil Nadu, Puducherry & Karaikal during 27th-28th November.
- Isolated **thunderstorm & lightning** likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka on 27th November.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 27th-28th November; Kerala & Mahe on 27th November.

**West and Central India:**

- **No significant weather likely over West and Central India during the week**.

**Cold Wave, Cold Day and Fog warning:**

- No significant change in minimum temperatures likely during next 2 days and fall by 2-4°C during subsequent 3 days over Maharashtra.
- **Dense fog conditions** very likely in isolated pockets of Assam & Meghalaya on 27th November; East Uttar Pradesh and West Uttar Pradesh during 27th-28th November; Haryana Chandigarh & Delhi, Nagaland, Manipur, Mizoram & Tripura and Punjab during 27th-29th November; Himachal Pradesh during 27th November-1st December.
- No significant cold wave and cold day conditions likely during next 7 days.

**Fishermen warning:**

- **Bay of Bengal:** Over Andaman Sea during 30th November to 02nd December.
- **Arabian Sea:** Along and off Kerala, Lakshadweep Area on 27th November.

**Weather conditions and forecast over Delhi/NCR during next 4 days (Annexure III)**

**For more details, kindly refer National Weather Bulletin:** https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

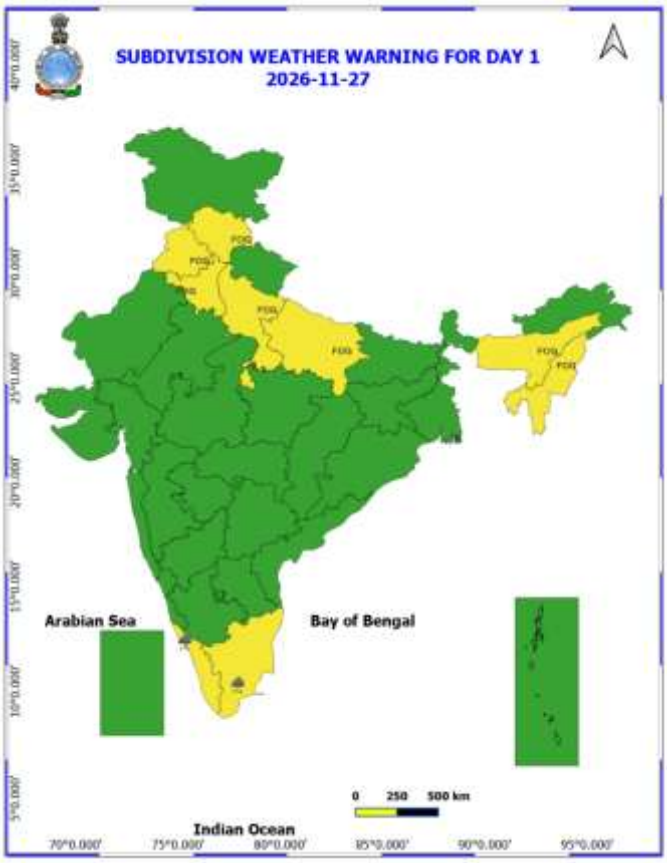
**For District wise warnings refer:** https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

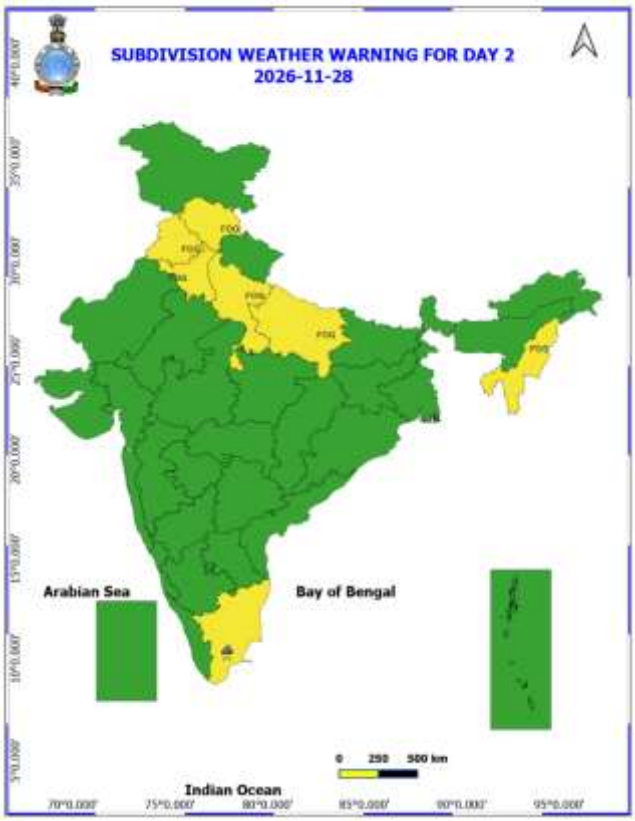
**For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php**

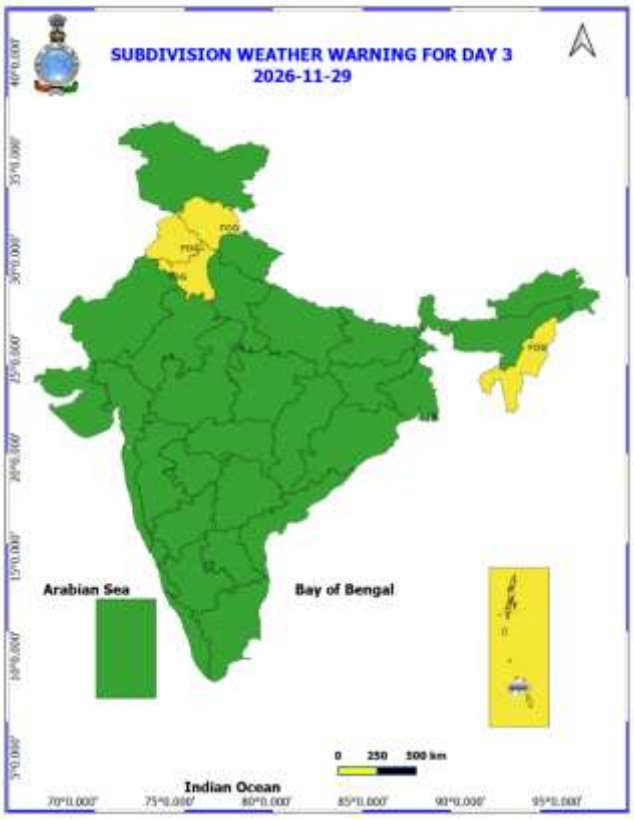
**Annexure I**

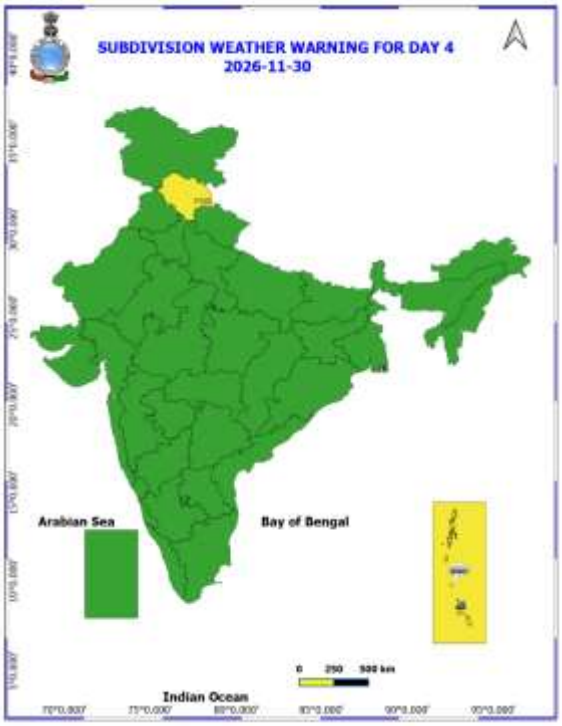
| Table-1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 Days Rainfall Forecast | | | | | | | | |
| S.No. | Subdivision | 27- Nov | 28- Nov | 29- Nov | 30- Nov | 1- Dec | 2- Dec | 3- Dec |
| | | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 7 |
| 1 | ANDAMAN & NICOBAR ISLANDS | SCT | SCT | SCT | FWS | WS | WS | WS |
| 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 | 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 | DRY | DRY | DRY | DRY | ISOL |
| 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 | DRY | DRY | DRY | DRY | DRY |
| 16 | JAMMU AND KASHMIR AND LADAKH | DRY | DRY | DRY | DRY | DRY | 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 | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 25 | MARATHWADA | ISOL | 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 | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL |
| 29 | TELANGANA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 30 | RAYALASEEMA | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL | ISOL |
| 31 | TAMILNADU & PUDUCHERRY | SCT | FWS | ISOL | ISOL | ISOL | ISOL | ISOL |
| 32 | COSTAL KARNATAKA | SCT | ISOL | DRY | DRY | DRY | DRY | DRY |
| 33 | NORTH INTERIOR KARNATAKA | ISOL | DRY | DRY | DRY | DRY | DRY | DRY |
| 34 | SOUTH INTERIOR KARNATAKA | SCT | ISOL | DRY | DRY | DRY | ISOL | ISOL |
| 35 | KERALA AND MAHE | WS | FWS | SCT | ISOL | ISOL | ISOL | ISOL |
| 36 | LAKSHADWEEP | WS | FWS | SCT | DRY | DRY | SCT | SCT |

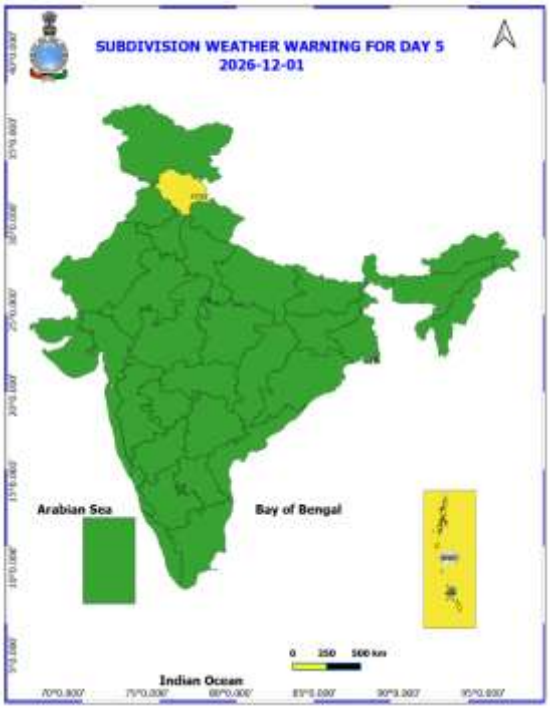
- **As the lead period increases forecast accuracy decreases.**

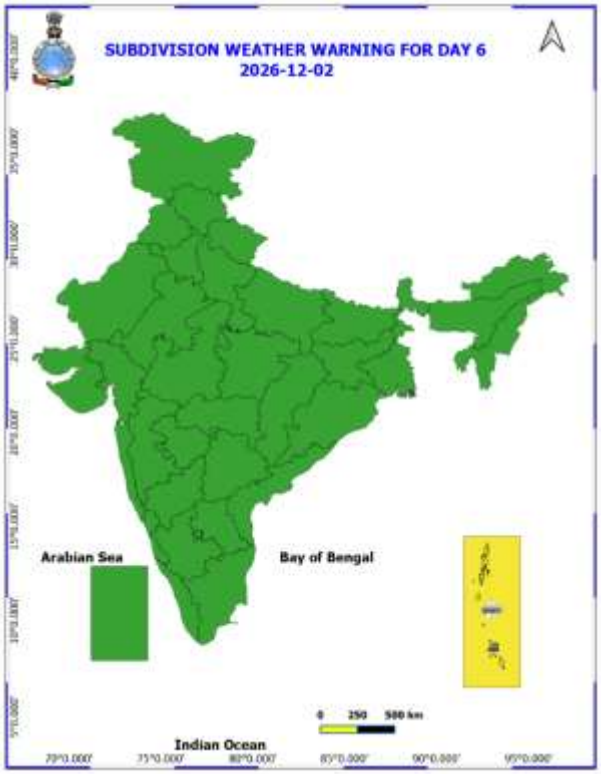

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-11-27
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'

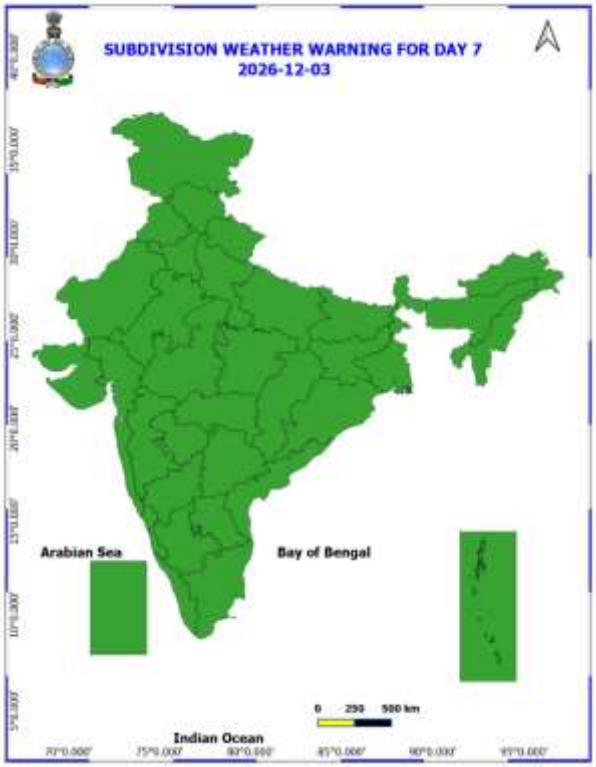

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-11-28
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-11-29
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean
70°0.000'
75°0.000'
80°0.000'
85°0.000'
90°0.000'
95°0.000'




**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 district-wise Multi-Hazard weather warning for next five days available at**
**https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php**

**Annexure III**

**Weather forecast over Delhi/NCR during 27th Nov. to 30th Nov. 2026**

**Past Weather:**

There has been fall in maximum temperatures by 1°C and no large change in minimum temperatures over Delhi during the past 24 hours. The maximum temperatures were in the range of 24-27°C and the minimum temperatures are in the range 09-11°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at a few places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi during the past 24 hours. The maximum temperatures were below normal (-1.6°C to -3.0°C) at isolated places, and normal (-1.5°C to 1.5°C) over remaining parts of Delhi during the past 24 hours. Mainly clear sky with surface wind speeds up to 15 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 08 kmph from the variable direction prevailed during forenoon over the region today.

**Weather Forecast:**

**27.11.2026:** Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 25-27°C. The maximum temperature will be near normal (-1.5°C to 1.5°C) at many places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 10 kmph during the afternoon hours. The surface wind speed is likely to be associated with calm wind reaching up to 05 kmph from the northeast direction during evening and night hours.

**28.11.2026:** Mainly clear sky. Mist/Shallow fog at a few places in the morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 24°C to 26°C and 08°C to 10°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind associated with calm wind reaching up to 05 kmph during the morning hours. The surface wind speed will increase becoming up to 10 kmph from the northeast direction during afternoon. The surface wind speed is likely to be associated with calm wind reaching up to 05 kmph from the northeast direction during evening and night hours.

**29.11.2026**: Mainly clear sky. Mist/shallow fog at many places with moderate fog at a few places in the morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 24°C to 26°C and 09°C to 11°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the east direction with surface wind associated with calm wind reaching up to 05 kmph during the morning hours. The surface wind speed will increase becoming up to 10 kmph from the northeast direction during afternoon. The surface wind speed is likely to be associated with calm wind reaching up to 05 kmph from the northeast direction during evening and night hours.

**30.11.2026**: Mainly clear sky. Mist/Shallow fog at many places with moderate fog at a few places in the morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 23°C to 25°C and 09°C to 11°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind associated with calm wind reaching up to 05 kmph during the morning hours. The surface wind speed is likely to be associated with calm wind reaching up to 05 kmph from the northwest direction during afternoon. The surface wind speed is likely to be associated with calm wind reaching up to 05 kmph from the northwest direction during evening and night hours.

**Impact expected due to dense fog in the night /morning hours:**

- **Dense fog conditions** very likely in isolated pockets of Assam & Meghalaya on 27th November; East Uttar Pradesh and West Uttar Pradesh during 27th-28th November; Haryana Chandigarh & Delhi, Nagaland, Manipur, Mizoram & Tripura and Punjab during 27th-29th November; Himachal Pradesh during 27th November-1st 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.

**Agromet advisories for likely impact of Heavy Rainfall**

- In **Tamil Nadu,** drain out excess rainwater from plantation crops and fields of rice, cotton, other standing crops and vegetables to avoid water stagnation. Harvest matured crops of rice, groundnut, pulses and millets during non-rainy period and store the harvested produce in safe and dry places. Provide staking to tomato, chilli and creeper vegetables and mechanical support to sugarcane, banana, papaya and moringa plants to prevent lodging. Clear drainage around coconut basins and harvest mature nuts.
- In **Kerala,** drain out excess water from fields of rice and vegetables and plantations of banana, coconut and black pepper. Provide support to banana, vegetables, climbers and other soft, slender-stemmed crops.

**Agromet advisories for likely impact of Thunderstorm / Gusty Winds**

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface 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.

**Advisories for likely impact of Heavy Rainfall for Livestock / Poultry / Fisheries**

- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

**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, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.

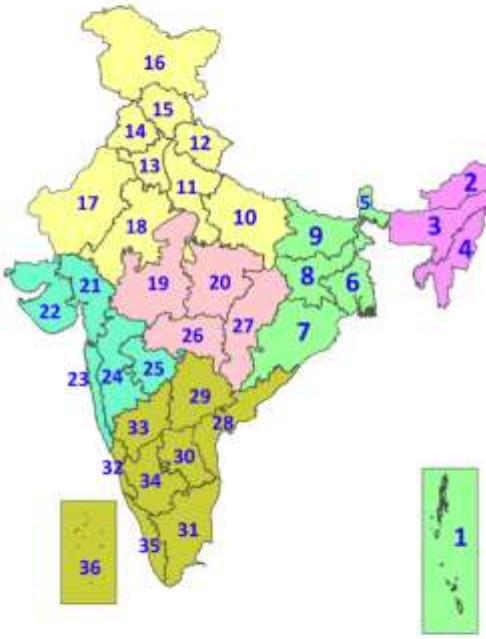
**South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Keralam & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

# 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)

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
Ministry of Earth Sciences

# 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)

* 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)