Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 29th November 2026
Time of Issue:1255 hours IST

Subject: Isolated heavy rainfall likely over Tamil Nadu, Puducherry and Kerala & Mahe on 04th & 05th December and over Nicobar Islands on 30th November & 01st 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 29th November, 2026:

- **Heavy rainfall (7-11 cm)** reported over **Keralam**: Kochi C.i.a.l. (dist Ernakulam)10; **Tamil Nadu**: Kayalpattinam (dist Thoothukudi), Kinnakorai (dist The Nilgiris) 8 Each.
- **Very Dense fog (visibility <50 m)** reported in isolated pockets of Punjab.
- **Dense fog (visibility 50-199 m)** reported in isolated pockets of Uttar Pradesh, Odisha, Manipur and Meghalaya 150.
- **Visibility reported (< 200 meters): Punjab:** Amritsar 00; **East Uttar Pradesh**: Azamgarh 50; **Odisha**: Rourkela 50; **West Uttar Pradesh**: Etawah 100; **Manipur**: Imphal 100; **Meghalaya**: Barapani 150.

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

- An **upper air cyclonic circulation** lies over south Punjab & neighbourhood in lower tropospheric levels.
- A **trough** in easterlies runs from Southwest Bay of Bengal to Chhattisgarh in lower tropospheric level.
- An **upper air cyclonic circulation** lies over Westcentral Bay of Bengal off north Andhra Pradesh coast in lower tropospheric level.
- A fresh **Western Disturbance** as a cyclonic circulation lies over North Pakistan & adjoining Jammu in lower tropospheric level.
- An **upper air cyclonic circulation** lies over southeast Uttar Pradesh & neighbourhood in lower tropospheric levels.
- An **upper air cyclonic circulation** lay over Malaysia and neighbourhood in lower tropospheric levels. It is very likely to move west-northwestwards and emerge into Malacca Strait and adjoining south Andaman Sea during next during next 24 hours.
- Another fresh **Western Disturbance** is likely to affect western Himalaya region from night of 02nd December, 2026.

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

Northwest India:

- **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 4th-5th December.
- **Isolated to Scattered** rainfall likely over Himachal Pradesh and Uttarakhand during 3rd-5th December.
- **Isolated to Scattered** rainfall likely over Punjab during 4th-5th December; Haryana Chandigarh & Delhi on 5th December.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 4th-5th December.

East India:

- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands on 29th November and during 3rd-5th December.
- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 30th November-2nd December.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 30th November-1st December, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands on 29th November and on 2nd December.
- Isolated **heavy rainfall** likely over Nicobar Islands during 30th November-1st December.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during 29th November-5th December; Lakshadweep during 2nd-4th December; South Interior Karnataka during 2nd-3rd December; Coastal Andhra Pradesh & Yanam and Rayalaseema during 30th November-4th December.
- **Fairly Widespread to Widespread** rainfall likely over Lakshadweep on 29th November and on 5th December.
- Isolated **thunderstorm & lightning** likely over Tamil Nadu, Puducherry & Karaikal during 29th November-3rd December; Kerala & Mahe on 29th November and during 2nd-3rd December; Lakshadweep on 29th November; Coastal Andhra Pradesh & Yanam and Rayalaseema during 1st-2nd December.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry and Kerala & Mahe during 4th-5th December.

West and Central India:

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

Fog warning:

- **Dense fog conditions** very likely during morning hours in isolated pockets of East Uttar Pradesh, Nagaland, Manipur, Mizoram & Tripura, Odisha and West Uttar Pradesh till 01st December; Haryana Chandigarh & Delhi till 02nd December; Himachal Pradesh till 03rd December and **very dense fog conditions** very likely during morning hours in isolated pockets of north Punjab till 02nd December.

Fishermen warning:

- **Bay of Bengal**: Over Andaman Sea during 30th November to 02nd December.

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

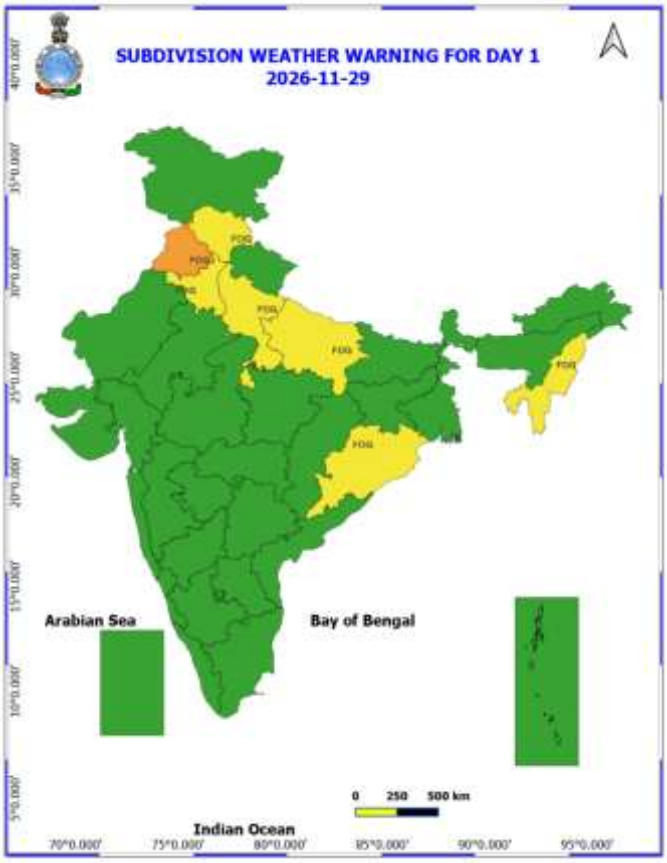
For more details, kindly refer National Weather Bulletin: https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php
For District wise warnings refer: https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php
For Fishermen warning refer https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php

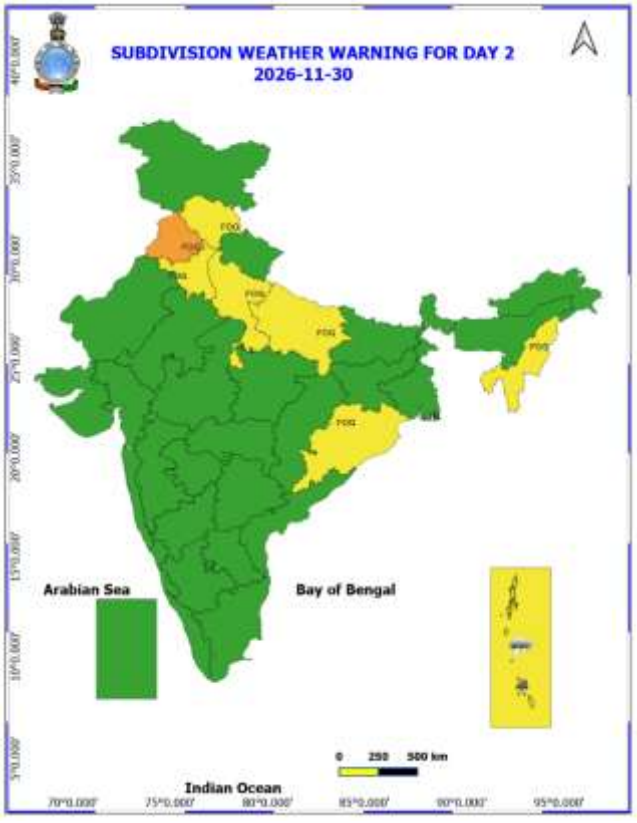
Annexure I

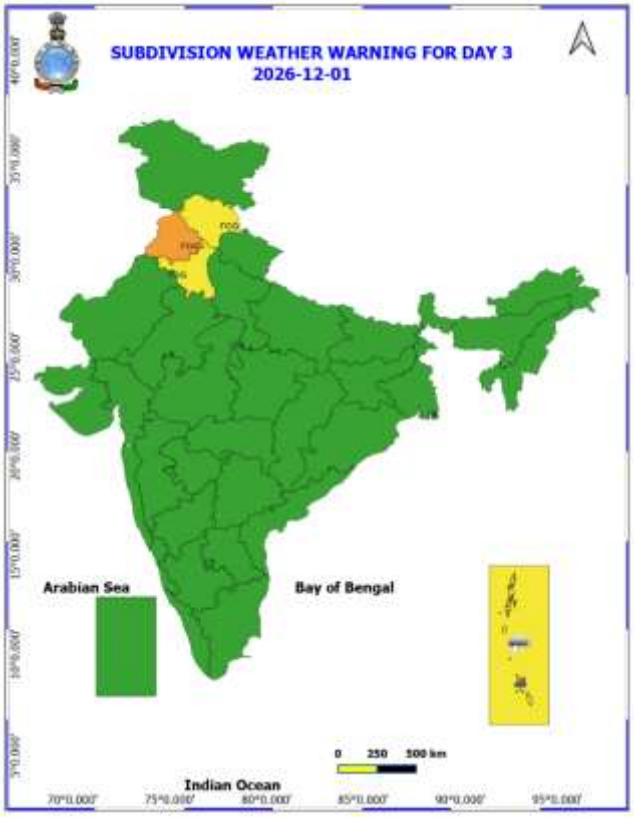
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	29- Nov	30- Nov	1- Dec	2- Dec	3- Dec	4- Dec	5- Dec
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	FWS	SCT	FWS	SCT	SCT	SCT
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	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	ISOL	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	ISOL	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	DRY	FWS	FWS
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	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	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	ISOL	ISOL	DRY	DRY
35	KERALA AND MAHE	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
36	LAKSHADWEEP	FWS	DRY	DRY	SCT	SCT	SCT	FWS

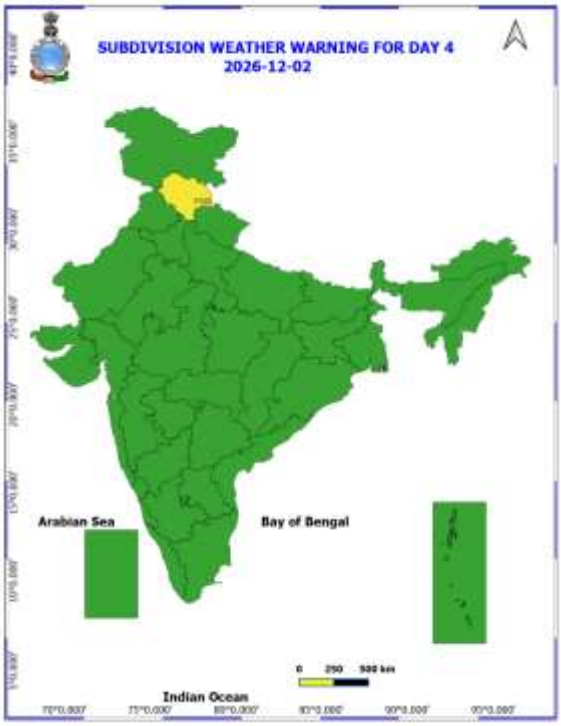
- **As the lead period increases forecast accuracy decreases.**

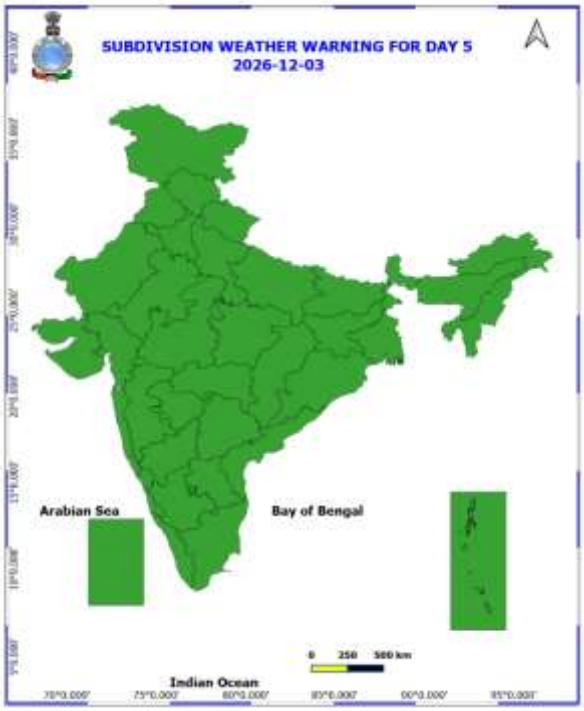
Annexure II

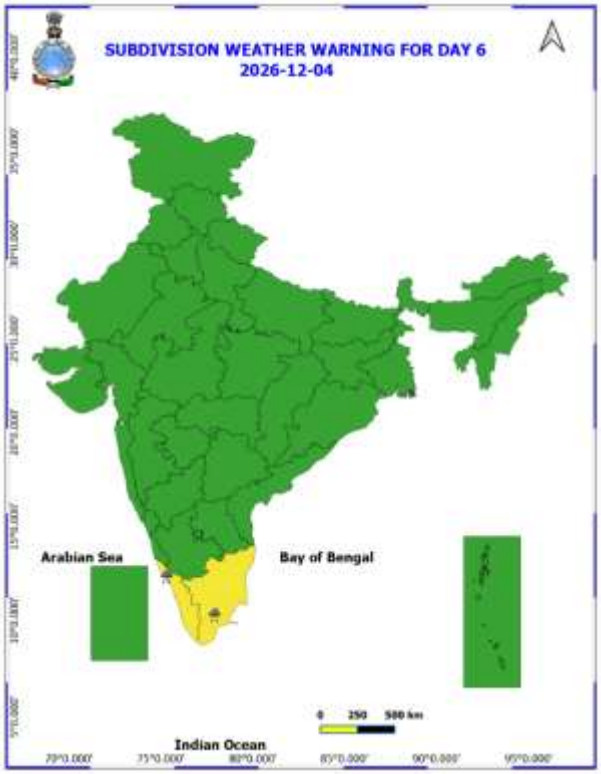

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-11-29
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean

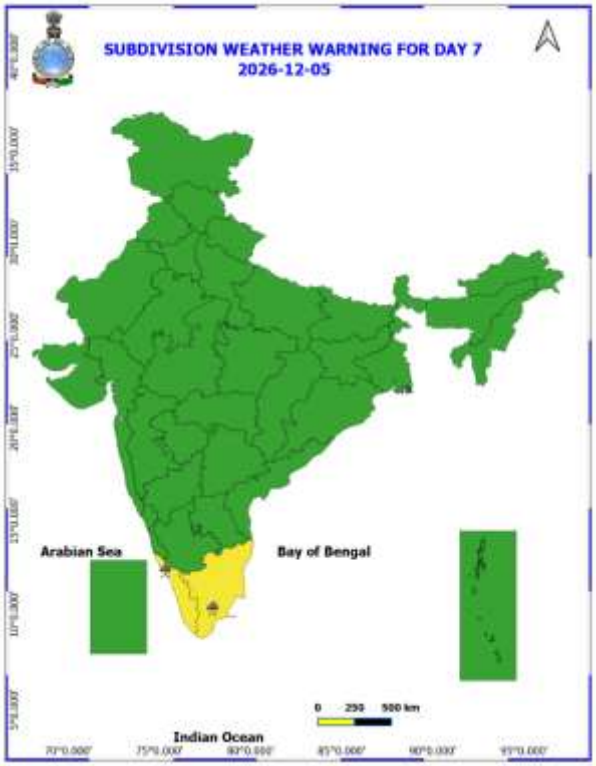

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-11-30
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-12-01
FOG
Arabian Sea
Bay of Bengal
0 250 500 km
Indian Ocean









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 29th Nov. to 02nd Dec. 2026

Past Weather:

There has been fall in maximum temperatures by 1 - 2°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 11-12°C respectively during past 24 hours over Delhi. The minimum temperatures are above 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. 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. Moderate fog was reported at Safdarjung airports. Safdarjung reported lowest visibility 450 m at 0630 IST, which gradually improved to 1000m at 1100 IST of today, 29.11.2026. Mainly clear sky with surface wind speeds up to 10 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 10 kmph from the west direction prevailed during forenoon over the region today.

Weather Forecast:

29.11.2026: 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 west direction with wind reaching up to 10 kmph during the afternoon hours. The surface wind speed is likely to be decrease becoming up 08 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 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 near normal (-1.5°C to 1.5°C) most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 10 kmph during the morning hours. The surface wind speed is likely to be increase becoming up to 12 kmph from the north direction during afternoon. The surface wind speed is likely to decrease with wind reaching up to 08 kmph from the northwest direction during evening and night hours.

01.12.2026: Partly cloudy 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 near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 10 kmph during the morning hours. The surface wind speed is likely to be with wind reaching up to 12 kmph from the northwest direction during afternoon. The surface wind speed is likely to be decrease becoming up to 08 kmph from the northwest direction during evening and night hours.

02.12.2026: Partly cloudy 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 normal (-1.5°C to 1.5°C) at many places with below normal (-1.6°C to -3.0°C) at a few places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the west direction with wind reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 12 kmph from the north direction during afternoon. The surface wind speed is likely to be decrease becoming up to 08 kmph from the southeast direction during evening and night hours.

Impact expected due to dense/very dense fog

- **Dense fog conditions** very likely during morning hours in isolated pockets of East Uttar Pradesh, Nagaland, Manipur, Mizoram & Tripura, Odisha and West Uttar Pradesh till 01st December; Haryana Chandigarh & Delhi till 02nd December; Himachal Pradesh till 03rd December and **very dense fog conditions** very likely during morning hours in isolated pockets of north Punjab till 02nd 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 **Andaman & Nicobar Islands**, harvest, thresh and dry mature rice and harvest mature vegetables and Areca nut before rainfall; store the harvested produce in a safe, covered place. Ensure proper drainage in vegetable fields and palm basins. Stake or support the plants.

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.

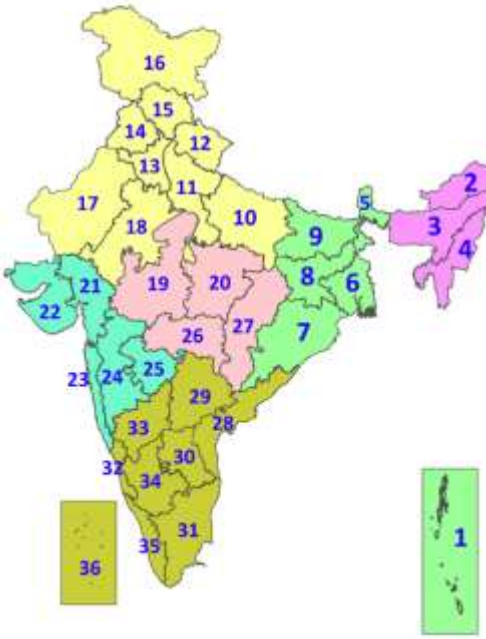
Central India: West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
East India: Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
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
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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)