Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 21st November 2026
Time of Issue:1255 hours IST

Subject: Under the influence of easterly waves, isolated heavy rainfall likely over Tamilnadu from 23rd to 27th and over Kerala from 24th to 26th November, 2026.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 21st November, 2026:

- **Very Heavy rainfall (12-20 cm)** has been recorded over Gangetic West Bengal and Odisha.
- **Heavy rainfall (7-11 cm)** has been recorded over Chhattisgarh.

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

- Yesterday's **Cyclonic Storm "Akvan" [Pronunciation: Akvan]** over south coastal Odisha & adjoining north coastal Andhra Pradesh weakened into a **Deep Depression** over South coastal Odisha at 1130 hours IST of 20th November and into a **Depression** over south Odisha at 1730 hours IST of 20th November. Then, it weakened into a **Well Marked Low Pressure Area** over central Odisha at 2330 hours IST of 20th November and further into a **Low Pressure Area** over north interior Odisha at 0530 hours IST of today, 21st November. It lay over north Chhattisgarh & neighbourhood as a **Low Pressure Area** at 0830 hours IST of today, 21st November.
- The **Western Disturbance** as a trough in middle tropospheric level runs roughly along Long. 63°E to the north of Lat. 28°N.
- An **upper air cyclonic circulation** lies over Nagaland & neighbourhood in lower tropospheric level.
- An **upper air cyclonic circulation** lies over Marathwada & neighbourhood in lower tropospheric level.

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

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh and Assam & Meghalaya during 21st-24th November; Nagaland, Manipur, Mizoram & Tripura during 23rd-24th November.
- **Fairly Widespread to Widespread** rainfall likely over Nagaland, Manipur, Mizoram & Tripura during 21st-22nd November.
- Isolated **thunderstorm & lightning** likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 21st-22nd November.
- Isolated **heavy rainfall** likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 21st-22nd November.

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Tamil Nadu, Puducherry & Karaikal during 21st-23rd November and during 26th-27th November; Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Rayalaseema during 21st-27th November; Lakshadweep on 24th November; Coastal Karnataka and North Interior Karnataka during 24th-27th November; South Interior Karnataka on 23rd November and during 25th-27th November.
- **Fairly Widespread to Widespread** rainfall likely over Tamil Nadu, Puducherry & Karaikal during 24th-25th November; Lakshadweep during 25th-27th November; South Interior Karnataka on 24th November.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 23rd-27th November; Coastal Andhra Pradesh & Yanam and Rayalaseema during 23rd-25th November, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe during 24th-25th November; Rayalaseema during 21st-22nd November.
- Isolated **thunderstorm & lightning** likely over Coastal Karnataka and North Interior Karnataka during 24th-27th November; South Interior Karnataka during 23rd-27th November.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 23rd-27th November; Kerala & Mahe during 24th-26th November.

West, Central and East India:

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

Fog warning:

- **Dense fog conditions** very likely over East Uttar Pradesh during 22nd-23rd November; Haryana Chandigarh & Delhi and Punjab on 21st 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

Highest rainfall recorded (≥ 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

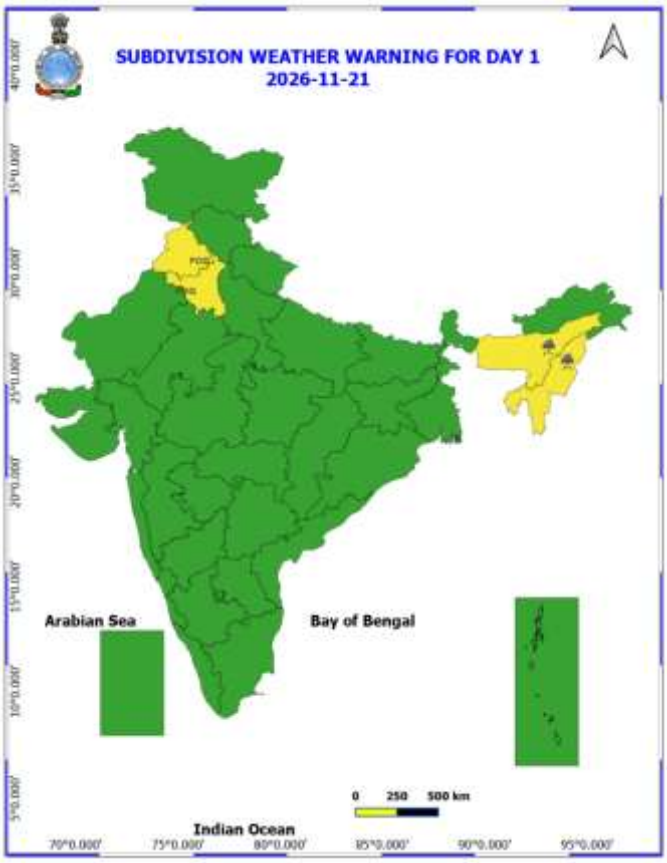
- **Gangetic West Bengal:** Digha 18
- **Odisha**: Balasore 14
- **Chhattisgarh**: Korba 9.

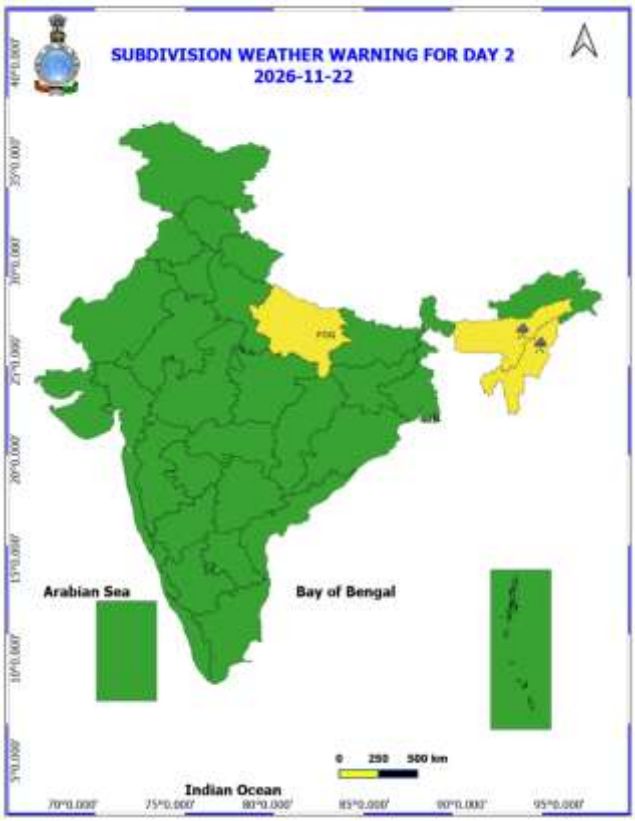
Annexure I

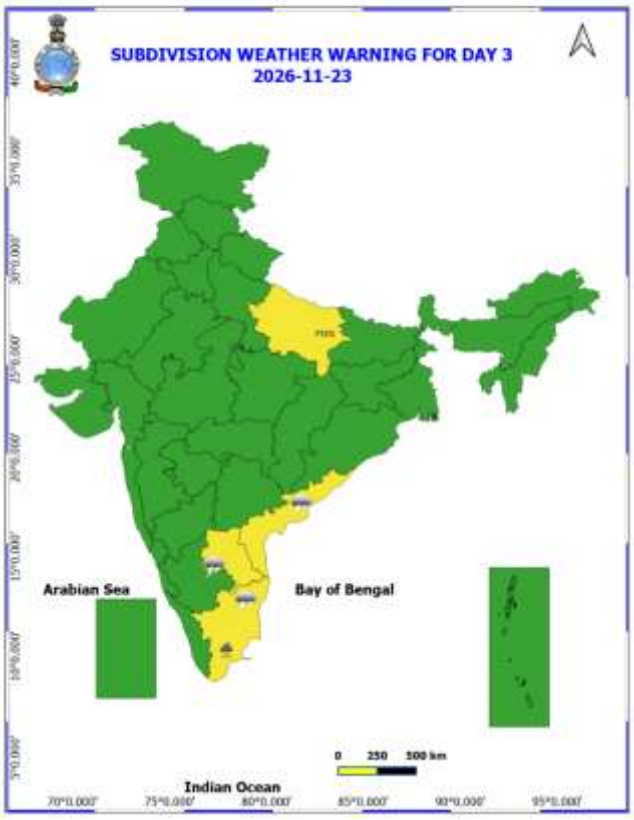
Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	21- Nov	22- Nov	23- Nov	24- Nov	25- Nov	26- Nov	27- Nov
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	ISOL	ISOL	SCT	ISOL	DRY	DRY	DRY
3	ASSAM & MEHGHALAYA	SCT	SCT	SCT	ISOL	DRY	DRY	DRY
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA		FWS	SCT	ISOL	DRY	DRY	DRY
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	SCT	ISOL	ISOL	DRY	DRY	DRY	DRY
6	GANGETIC WEST BENGAL	FWS	ISOL	ISOL	DRY	DRY	DRY	DRY
7	ODISHA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	FWS	SCT	ISOL	DRY	DRY	DRY	DRY
9	BIHAR	SCT	ISOL	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	ISOL	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	ISOL	ISOL	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	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	SCT	ISOL	ISOL	ISOL	ISOL	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	SCT	FWS	FWS	SCT	SCT
32	COSTAL KARNATAKA	DRY	DRY	DRY	SCT	SCT	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	SCT	FWS	SCT	ISOL	ISOL
35	KERALA AND MAHE	ISOL	ISOL	ISOL	SCT	SCT	SCT	SCT
36	LAKSHADWEEP	DRY	DRY	DRY	SCT	FWS	FWS	FWS

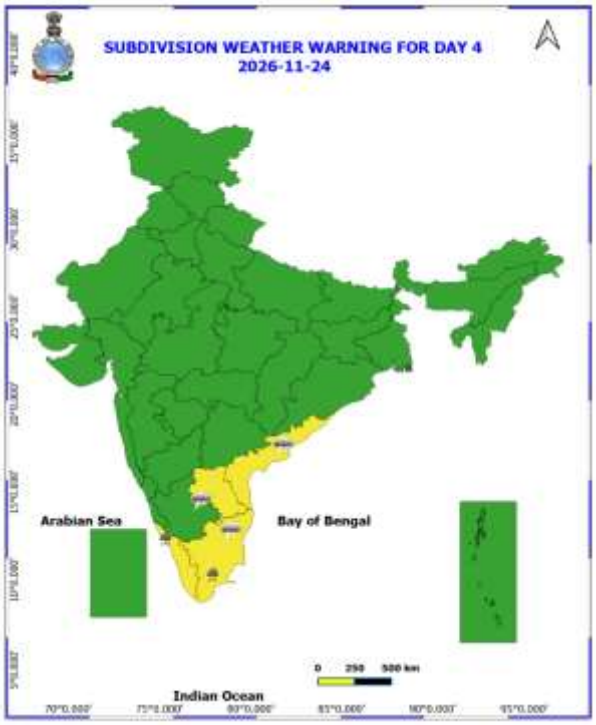
- **As the lead period increases forecast accuracy decrease.**

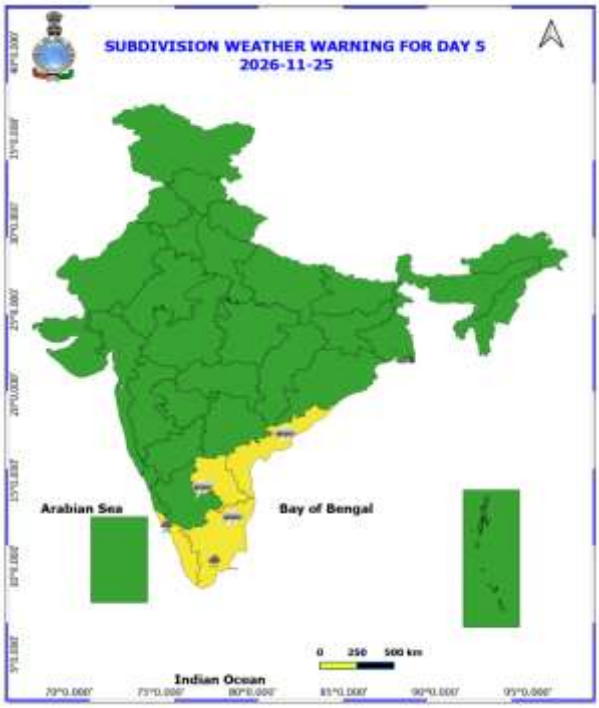
Annexure II

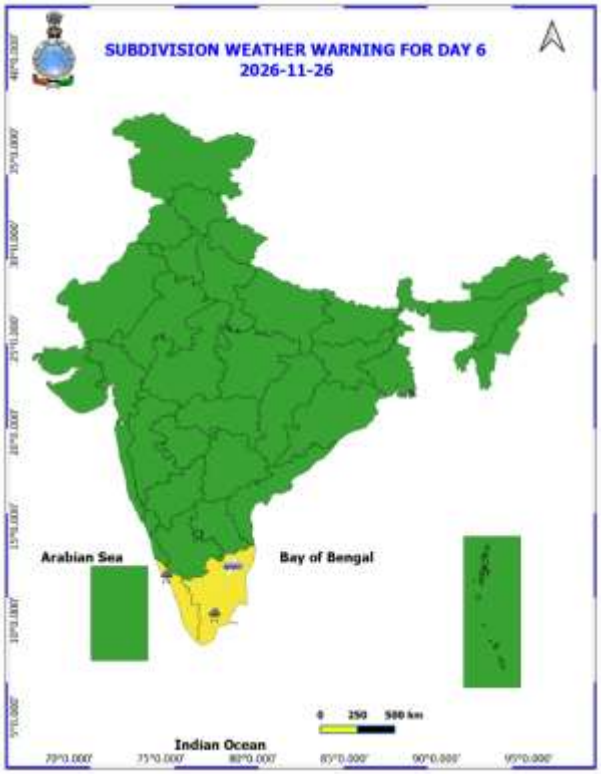

SUBDIVISION WEATHER WARNING FOR DAY 1
2026-11-21
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km

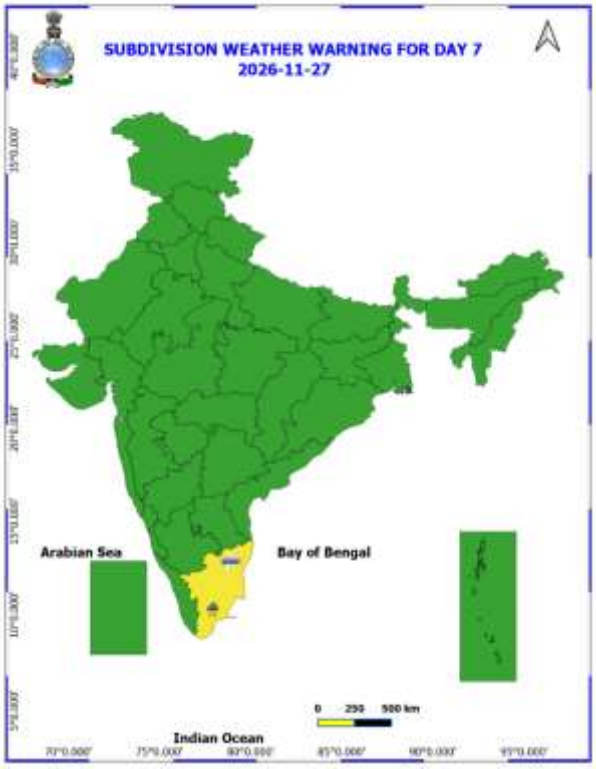

SUBDIVISION WEATHER WARNING FOR DAY 2
2026-11-22
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km


SUBDIVISION WEATHER WARNING FOR DAY 3
2026-11-23
Arabian Sea
Bay of Bengal
Indian Ocean
0 250 500 km









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 21st Nov. to 24th Nov. 2026

Past Weather:

There has no large change in maximum and minimum temperatures over Delhi during the past 24 hours. The maximum temperatures were in the range of 25-29°C and the minimum temperatures are in the range 11-13°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 are 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. Shallow fog was reported at Safdarjung airports. Safdarjung reported lowest visibility 500 from 0630 IST to 0700 IST, which gradually improved to 1000m at 0830 IST of today, 21.11.2026. Mainly clear sky with surface wind speeds up to 10 kmph from the variable direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 12 kmph from the east direction prevailed during forenoon over the region today.

Weather Forecast:

21.11.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 26-28°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 northeast direction with wind reaching up to 15 kmph during the afternoon hours. The surface wind speed will decrease becoming up to 10 kmph from the northeast direction during evening and night hours.

22.11.2026: Partly cloudy sky. Mist/Shallow fog at most places with moderate fog at isolated places in the morning hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 26°C to 28°C and 12°C to 14°C, respectively. The minimum temperature will be above normal above normal (1.6°C to 3.0°C) at many 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 surface wind speed up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northwest direction during evening and night hours.

23.11.2026: Partly cloudy sky. Shallow fog at many places with moderate fog at isolated 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 11°C to 13°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at many 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 16 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 16 kmph from the northwest direction during evening and night hours.

24.11.2026: 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 11°C to 13°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 northwest direction with wind speed up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 18 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 12 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 over East Uttar Pradesh during 22nd-23rd November; Haryana Chandigarh & Delhi and Punjab on 21st November.

- 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 **Odisha,** drain out excess water from standing rice fields, vegetable nurseries and recently sown fields of *rabi* crops. Postpone sowing of *rabi* crops such as mustard, toria, groundnut, sunflower, green gram, black gram, chickpea and lentil until rainfall subsides and the soil attains suitable moisture levels for sowing. After cessation of rainfall, tie lodged paddy plants in bundles and keep them upright. Carry out earthing up around the base of plants in horticultural crops and provide mechanical support. Undertake propping in sugarcane crop to keep them upright.
- In **Chhattisgarh**, keep harvested produce of rice in safe and elevated place, if feasible. Make provision to drain excess water from the standing crop fields. Provide support / staking to banana and tomato plants; support for vine-type vegetables such as bitter gourd, bottle gourd and other cucurbitaceous vegetables.
- In **Assam and Nagaland, Manipur, Mizoram & Tripura,** Postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

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.

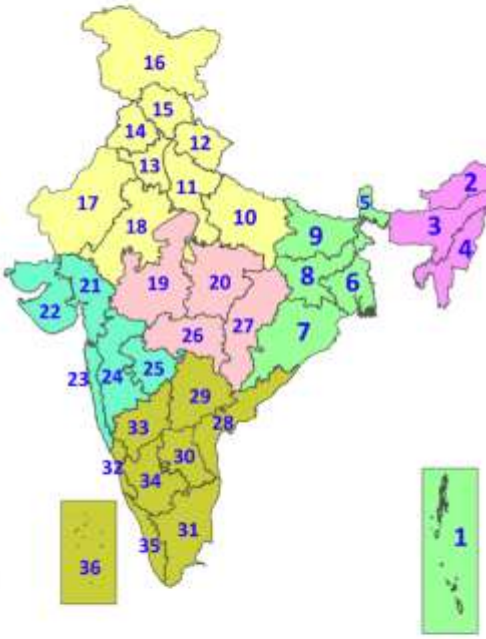
South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Keralam & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

राष्ट्रीय मौसम पूर्वानुमान केन्द्र
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय

National Weather Forecasting Centre
India Meteorological Department
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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)