



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 20th August 2026

Time of Issue: 1315 hours IST

Subject: Under the influence of Well-Marked Low Pressure Area over northeast Madhya Pradesh & neighbourhood, isolated heavy to very heavy rainfall likely over East Madhya Pradesh on 20th & 21st August, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 20th August, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over West Uttar Pradesh, Arunachal Pradesh, East Madhya Pradesh, Chhattisgarh
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Uttarakhand, Haryana, East Uttar Pradesh, Andaman & Nicobar Islands, Tamil Nadu, Assam, Nagaland, West Madhya Pradesh

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

- ❖ The western end of **monsoon trough** at mean sea level is north of its normal position and eastern end is near its normal position.
- ❖ Yesterday's **Well-Marked Low Pressure Area** over northeast Madhya Pradesh and adjoining southeast Uttar Pradesh & northwest Chhattisgarh now lay over northeast Madhya Pradesh & neighbourhood at 0830 hrs IST of today, the 20th August, 2026.
- ❖ A fresh **Western Disturbance** as a cyclonic circulation lies over north Pakistan & adjoining Jammu division in middle tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Assam in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northwest Uttar Pradesh & neighbourhood in lower tropospheric levels.

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 20th-23rd August; Himachal Pradesh during 20th-22nd August; Uttarakhand during 20th-26th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over West Uttar Pradesh on 20th August; East Uttar Pradesh during 24th-26th August.
- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 24th-26th August; Himachal Pradesh during 23rd-26th August.
- ❖ **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 20th-26th August.
- ❖ Isolated **heavy rainfall** likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 20th-22nd August; Uttarakhand during 20th-26th August; Haryana Chandigarh & Delhi and Punjab on 20th August and on 22nd August; West Uttar Pradesh on 21st August; East Uttar Pradesh on 20th August with isolated **very heavy rainfall** also likely over West Uttar Pradesh on 20th August

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 20th-21st August; Chhattisgarh and East Madhya Pradesh during 20th-26th August; Vidarbha during 23rd-24th August.
- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 22nd-26th August; Vidarbha during 20th-22nd August and during 25th-26th August.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 20th-24th August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 20th-25th August; East Madhya Pradesh during 22nd-26th August; Chhattisgarh during 20th-26th August with isolated **very heavy rainfall** also likely over East Madhya Pradesh during 20th-21st August.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 20th-26th August; Gangetic West Bengal and Jharkhand during 22nd-26th August; Bihar during 22nd-24th August; Odisha during 21st-26th August.
- ❖ **Isolated to Scattered** rainfall likely over Gangetic West Bengal and Jharkhand during 20th-21st August; Bihar during 20th-21st August and during 25th-26th August; Odisha on 20th August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 20th-26th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 20th-22nd August; Bihar, Gangetic West Bengal, Jharkhand and Odisha during 20th-24th August.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 20th-21st August; Sub-Himalayan West Bengal & Sikkim during 20th-22nd August and during 25th-26th August; Gangetic West Bengal during 23rd-25th August; Jharkhand on 23rd August; Bihar during 22nd-25th August; Odisha during 21st-22nd August and during 24th-26th August with isolated **very heavy rainfall** also likely over Odisha on 23rd August.

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 20th-22nd August; Assam & Meghalaya during 20th-22nd August and on 26th August; Nagaland, Manipur, Mizoram & Tripura during 20th-26th August.
- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 23rd-26th August; Assam & Meghalaya during 23rd-25th August.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 20th-22nd August; Nagaland, Manipur, Mizoram & Tripura during 20th-23rd August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 20th-25th August; Nagaland, Manipur, Mizoram & Tripura during 20th-23rd August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 20th-26th August.
- ❖ **Isolated to Scattered** rainfall likely over Gujarat Region, Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 20th-26th August.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 20th-26th August; Kerala & Mahe and Lakshadweep during 21st-22nd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep on 20th August and during 23rd-26th August; Coastal Karnataka during 20th-26th August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 20th-22nd August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and Rayalaseema during 20th-24th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka and South Interior Karnataka during 20th-24th August; Telangana during 20th-21st August.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 24th-25th August; Kerala & Mahe during 23rd-24th August.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, North Interior Karnataka, Rayalaseema and South Interior Karnataka during 20th-24th August.

Fishermen Warning

- ❖ **Arabian Sea:** Along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest adjoining few parts of north & eastcentral Arabian Sea till 25th August.
- ❖ **Bay of Bengal:** Over some parts of Gulf of Mannar adjoining Comorin area and southwest Bay of Bengal adjoining south Sri Lanka Coasts and over Andaman Sea till 25th August; over some parts of eastcentral adjoining southeast Bay of Bengal on 21st August; and over westcentral adjoining northwest Bay of Bengal on 24th August.
- ❖ **Swell Surge warning (1.1-2.1 m)** over Kerala and south Tamil Nadu coasts

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_forecast_bulletin.php

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

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

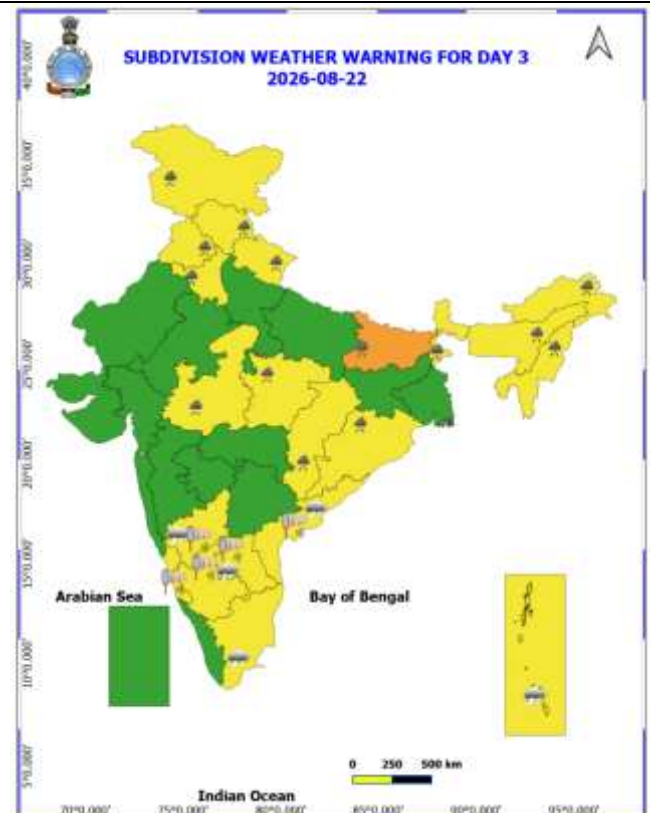
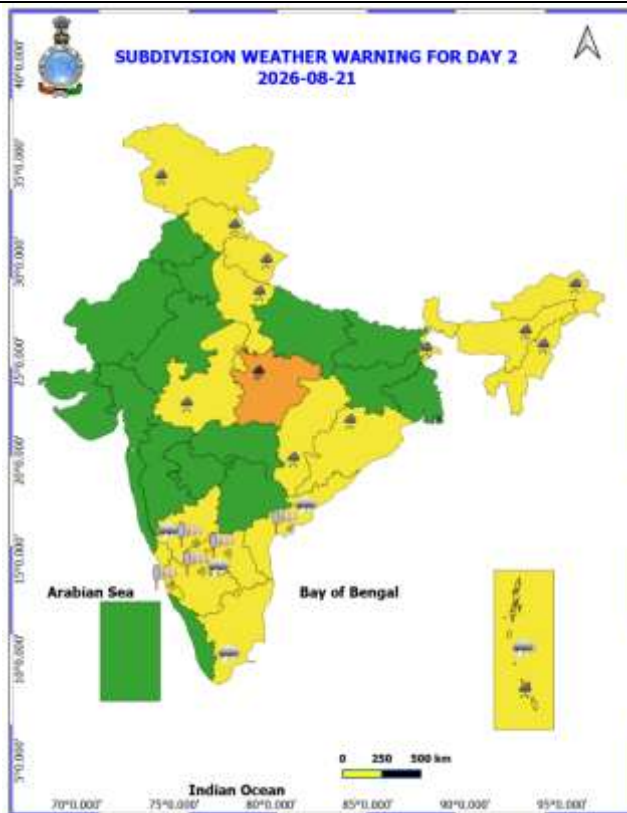
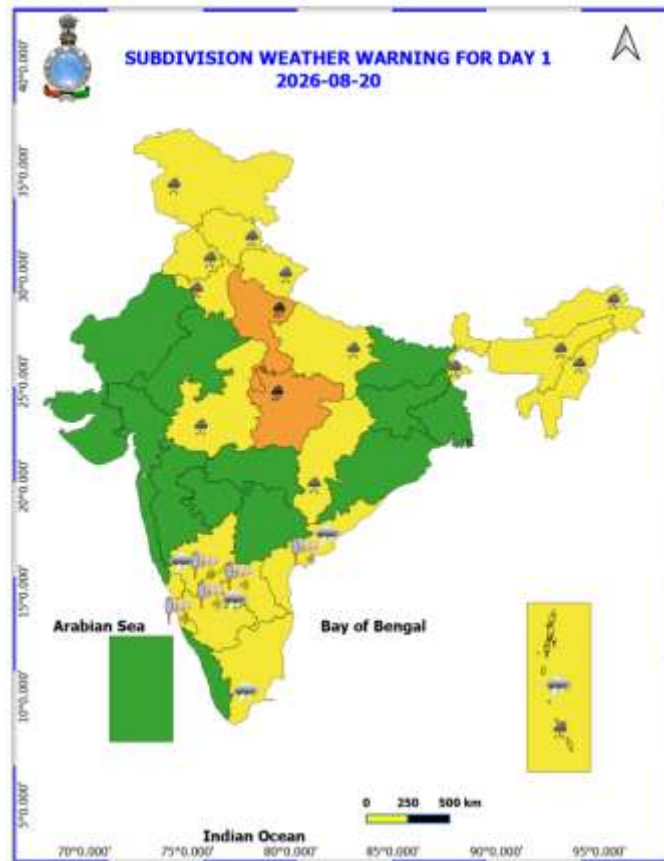
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

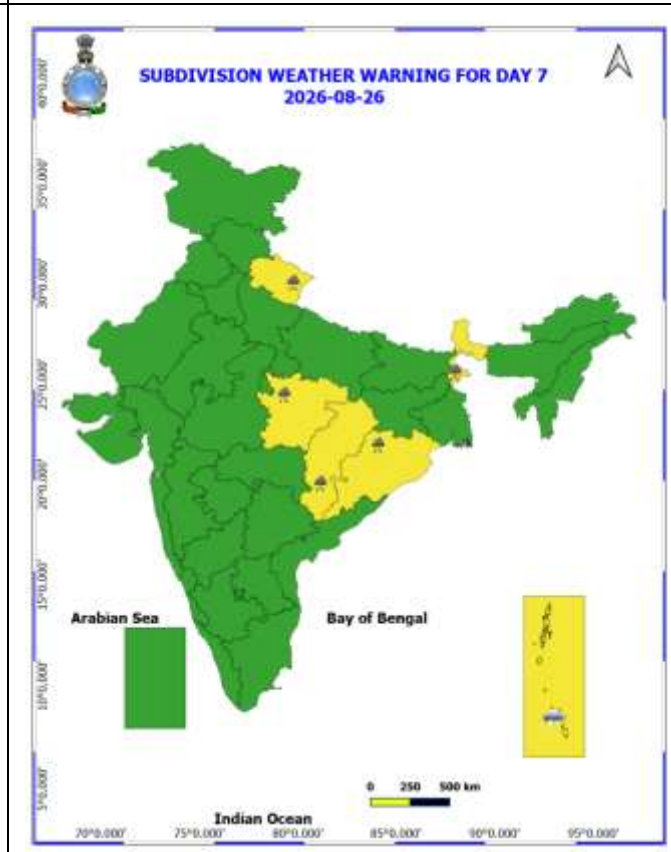
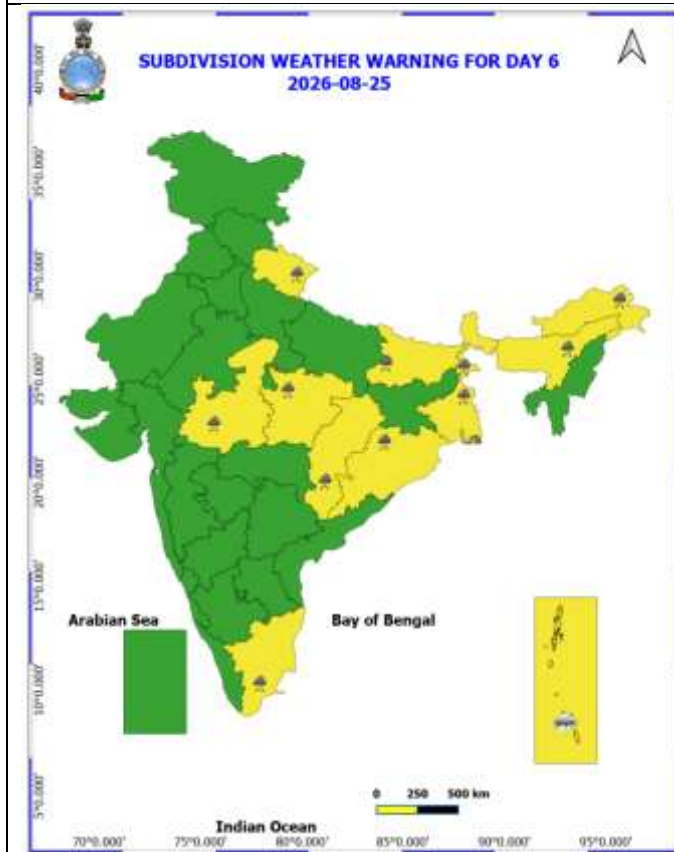
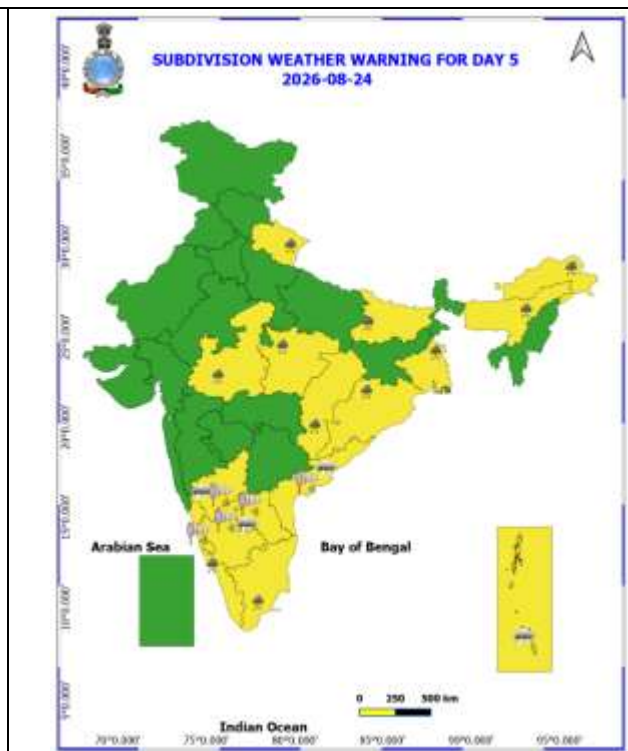
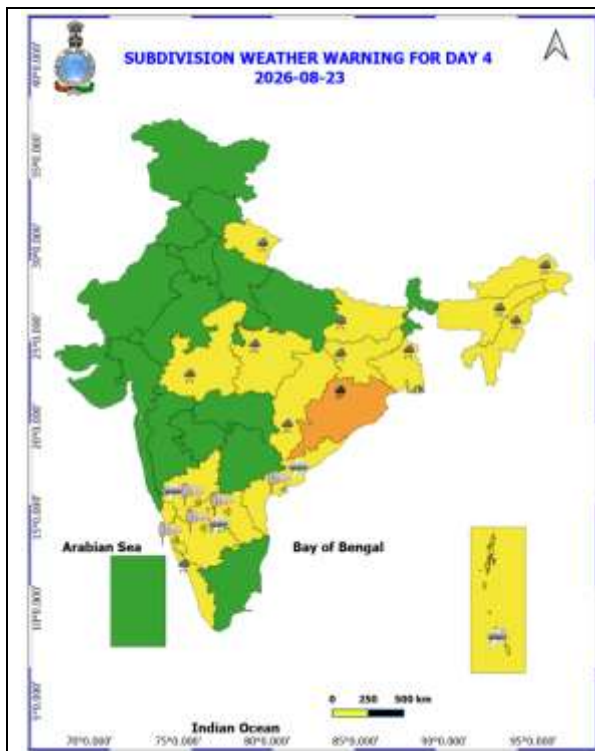
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **East Madhya Pradesh:** Rewa 19
- ❖ **Chhattisgarh:** Mungeli 14
- ❖ **West Uttar Pradesh:** Aliganj (Etah) 13
- ❖ **Arunachal Pradesh:** Miao 12
- ❖ **Assam:** Ratacherra 10
- ❖ **Uttarakhand:** Maldevta 10
- ❖ **Haryana:** Kurukshetra 10
- ❖ **East Uttar Pradesh:** Hardoi 10
- ❖ **Tamil Nadu:** Kokkarathangal(Chengalpattu) 8
- ❖ **Nagaland:** Thonoknyu 8
- ❖ **Andaman & Nicobar Islands:** Long Island 7
- ❖ **West Madhya Pradesh:** Lahar (Bhind) 7

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	20- Aug	21- Aug	22- Aug	23- Aug	24- Aug	25- Aug	26- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	FWS	FWS	SCT	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	SCT	SCT	SCT	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	FWS	FWS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT	SCT	FWS	FWS	FWS	FWS	FWS
7	ODISHA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	SCT	SCT	FWS	FWS	FWS	FWS	FWS
9	BIHAR	ISOL	SCT	FWS	FWS	FWS	SCT	SCT
10	EAST UTTAR PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	SCT
11	WEST UTTAR PRADESH	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
12	UTTARAKHAND	FWS	FWS	FWS	FWS	FWS	FWS	FWS
13	HARYANA, CHANDIGARH & DELHI	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
14	PUNJAB	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	FWS	FWS	FWS	SCT	ISOL	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	FWS	FWS	FWS	FWS	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY	ISOL	ISOL	ISOL	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	FWS	FWS	SCT	SCT	SCT	SCT	SCT
20	EAST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
21	GUJRAT REGION	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
24	MADHYA MAHARASHTRA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	SCT
25	MARATHWADA	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
26	VIDARBHA	SCT	SCT	SCT	FWS	FWS	SCT	SCT
27	CHHATTISGARH	FWS	FWS	FWS	FWS	FWS	FWS	FWS
28	COASTAL ANDHRA PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	SCT	SCT	SCT	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	SCT	SCT	SCT	ISOL
35	KERALA AND MAHE	FWS	SCT	SCT	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	FWS	SCT	SCT	FWS	FWS	FWS	FWS

- As the lead period increases forecast accuracy decrease.





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

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

Weather forecast over Delhi/NCR during 20th to 23rd August 2026

Past Weather:

There has been rise in maximum temperatures by 1°C and fall in minimum temperatures by 1-2°C over Delhi during past 24 hours. The maximum temperatures were 35-36°C and the minimum temperatures are in the range 23-26°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) at remaining parts of Delhi. The maximum temperatures were above 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. Very light to light rain has been occurred at most places with moderate rain at isolated places over Delhi during past 24 hours. Partly cloudy sky with surface wind speed 20 kmph gusting to 40 kmph from the northwest direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 18 kmph likely to prevail from the west direction over the region in the forenoon today.

Weather Forecast:

20.08.2026: Generally cloudy sky. A spell of very light to light rain at many places with moderate rain at a few places during afternoon to evening. Another spell of very light to light rain towards night. The maximum temperatures over Delhi are likely to be in the range of 33-35°C. The maximum temperatures will be near normal (-1.5°C to 1.5°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching up to 15 kmph during the afternoon. The wind speed will decrease becoming up to 12 kmph from the south direction during evening and night.

21.08.2026: Generally cloudy sky. One or two spell of very light to light rain at many places during early morning to noon. Another spell of very light to light rain towards night. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 24°C to 26°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 many places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching up to 18 kmph during the morning hours. The wind speed will decrease becoming up to 15 kmph from the northwest direction during afternoon. The wind speed will increase becoming up to 18 kmph from the west direction during evening and night.

22.08.2026: Generally cloudy sky. One or two spell of very light to light rain at many places with moderate rain at isolated places during early morning to noon. Another spell of very light to light rain towards night. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 24°C to 26°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 many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from northwest direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will decrease becoming up to 12 kmph from the north direction during afternoon. The wind speed will increase becoming up to 15 kmph from the southeast direction during evening and night.

23.08.2026: Generally cloudy sky. A spell of very light to light rain at a few places during early morning to noon. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 23°C to 25°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 near normal (-1.5°C to 1.5°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will decrease becoming up to 12 kmph from the northeast direction during afternoon. The surface wind speed will increase becoming up to 15 kmph from the southeast direction during evening and night.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ Isolated very heavy rainfall likely over East Madhya Pradesh and west Uttar Pradesh on 20th August.
- ❖ Moderate to severe lightning activity over Bihar on 22nd August.

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- ❖ In West Uttar Pradesh, maintain effective drainage in paddy, pigeon pea, pulses, oilseeds and vegetable fields, particularly in low-lying areas, and promptly remove excess rainwater. Continue nursery raising of brinjal, chilli and early cauliflower and sowing of cucurbits and okra only where field conditions permit.
- ❖ In East Madhya Pradesh, ensure continuous drainage of excess water from soybean, maize, paddy and vegetable fields and keep field channels clear. Postpone field operations, fertilizer application and plant protection measures in waterlogged fields and provide staking/support to vegetables and tall crops to minimize lodging.
- ❖ In Odisha, ensure continuous and effective drainage of excess water from kharif rice, maize, pulses, cotton, pigeon pea, banana, vegetable fields and nursery beds. Keep field drains, outlets and bunds clear and functional. In waterlogged areas, postpone sowing/re-sowing of maize and green gram and rice and horticultural crop transplanting until suitable soil conditions are restored. Prevent water stagnation in pearl millet and provide staking/support to climbing vegetables, banana, papaya and young horticultural plants.
- ❖ In Chhattisgarh, Remove excess water and ensure effective drainage from rice, maize, groundnut, minor millets and pulses fields.
- ❖ In Nagaland, Manipur, Mizoram and Tripura, maintain proper drainage in rice, soybean, black gram, ginger, turmeric, cole crops and vegetable fields and prevent water stagnation. Keep drainage channels clear and postpone fertilizer, plant protection and other field operations in saturated fields. Provide staking/support to vulnerable crops wherever required.
- ❖ In West Madhya Pradesh, maintain proper drainage in soybean, maize, cotton, sugarcane and vegetable fields and remove excess rainwater promptly. Provide staking/support to vegetables and tall crops to minimize lodging and postpone sowing of kharif vegetables until excess water drains and suitable field conditions prevail.
- ❖ In Arunachal Pradesh, maintain proper drainage in maize, finger millet, soybean, cowpea, vegetable fields and orchards to prevent waterlogging. Remove excess water promptly.
- ❖ In Assam and Meghalaya, maintain proper drainage and keep field channels clear in rice, sugarcane, soybean, pigeon pea, jute, sesame and vegetable fields and orchards. Remove excess water promptly from low-lying fields and prevent water stagnation in sugarcane. In Meghalaya, ensure drainage in maize, cowpea, okra and ginger fields and remove excess water from the root zone.
- ❖ In Sub-Himalayan West Bengal and Sikkim, clear drainage channels in vegetable fields, orchards, rice and finger millet nurseries to prevent waterlogging. Protect chilli seedlings with plastic cover from heavy rain and maintain proper drainage in rice and vegetable fields.

- ❖ In Jammu & Kashmir, prevent water stagnation in pulses and vegetable fields and provide proper support to cucurbit plants. Ensure effective drainage in maize fields and promptly remove excess rainwater from low-lying areas.
- ❖ In Himachal Pradesh, keep drainage channels in ginger and turmeric fields clear and functional and ensure prompt removal of excess rainwater from maize fields. Harvest mature vegetables such as cucumber, bottle gourd, bitter gourd, snake gourd, ridge gourd and sponge gourd wherever field conditions permit and keep harvested produce in a safe place.
- ❖ In Uttarakhand, maintain proper and effective drainage in rice, soybean, maize, red gram, ginger, garlic, barnyard millet, finger millet, tomato and other standing crop fields. Continue rice transplanting only where field conditions permit and delay sowing of groundnut, soybean and maize until suitable conditions prevail. Harvest mature tomato, French bean and potato and keep the produce in a safe, dry place.
- ❖ In Punjab, maintain proper drainage in standing crop fields and promptly remove excess rainwater from low-lying areas. Avoid irrigation, fertilizer application and plant protection operations during wet conditions and resume field operations only when soil conditions become suitable.
- ❖ In Bihar, ensure proper drainage of excess rainwater from rice, maize, pulses and other standing crop fields, particularly in low-lying areas. Postpone fertilizer and pesticide application during wet conditions and undertake rice transplanting and planting of banana and yam only where field conditions permit.
- ❖ In Jharkhand, maintain proper drainage in maize, pigeon pea and other standing crop fields and promptly remove excess rainwater.

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.

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.

Flash Flood Guidance:

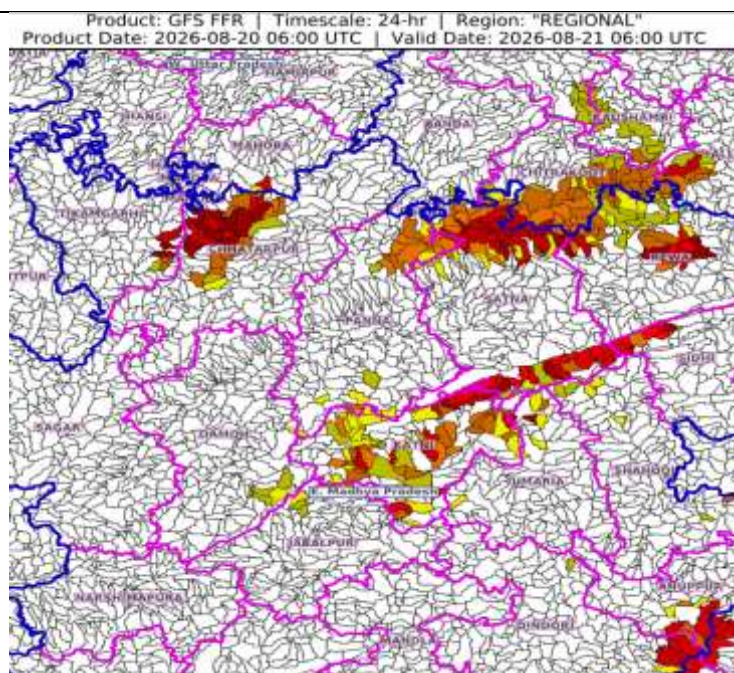
Flash Flood Risk (FFR) till 1130 IST of 21-08-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

East Madhya Pradesh: Tikamgarh, Satna, Rewa, Chhatarpur, Damoh, Jabalpur, Katni, Umaria, Panna, Sidhi, Shahdol, Dindori and Anuppur districts

East Uttar Pradesh: Prayagraj, Kaushambi, Chitrakoot and Banda districts

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



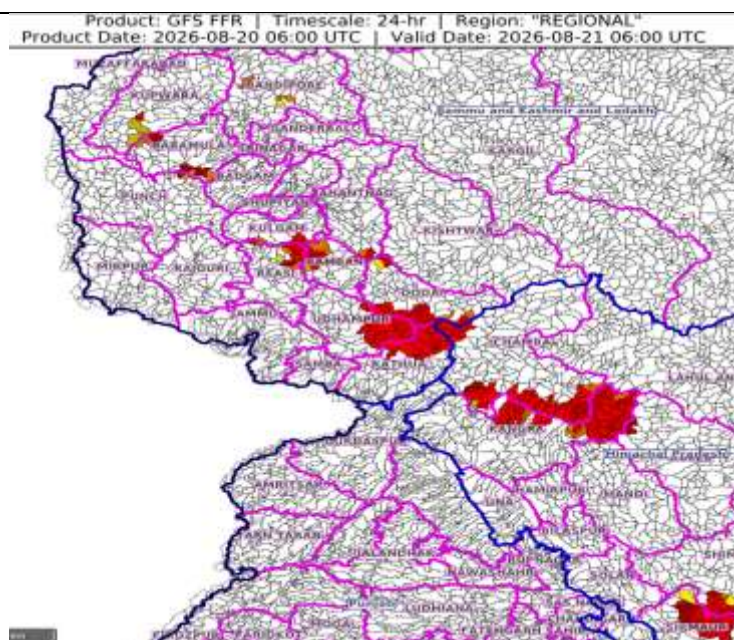
Flash Flood Risk (FFR) till 1130 IST of 21-08-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Jammu & Kashmir & Ladakh: Kupwara, Bandipora, Baramula, Poonch, Kulgam, Reasi, Ramban, Anantnag, Doda, Kistwar, Kathua and Udhampur districts

Himachal Pradesh: Chamba, Kangra, Kullu, Shimla and Sirmaur districts

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



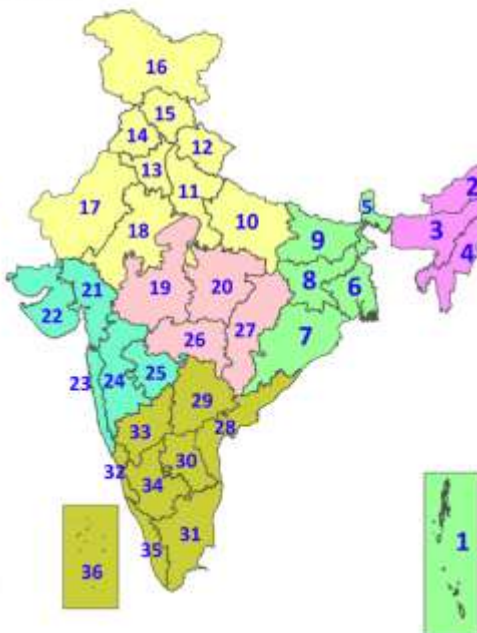
Legends & abbreviations:

- ❖ **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, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

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

* Red colour warning does not mean "Red Alert". Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *

Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *

Heat Wave

When maximum temperature of a station reaches $\geq 40^\circ\text{C}$ for plains and $\geq 30^\circ\text{C}$ for hilly regions
(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C .

Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^\circ\text{C}$

(b). Based on Actual maximum temperature

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

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

(c). Criteria for heat wave for coastal stations

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

Warm Night

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5°C to 6.4°C .

Severe Warm Night: When minimum temperature departure $> 6.4^\circ\text{C}$.

Cold Wave

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

(a). Based on departure

Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^\circ\text{C}$

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

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

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

(c) For Coastal Stations

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

Cold Day

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

Based on departure

Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C .

Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^\circ\text{C}$

Fog

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

Moderate Fog: When the visibility between 500-200 metres

Dense Fog: when the visibility between 50- 200 metres

Very Dense Fog: when the visibility < 50 metres

Thunderstorm

Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)

Dust/Sand Storm

An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.

Frost

Ice deposits on ground

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

Squall

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

Moderate: Wind speed 52-61 kmph

Severe: Wind speed 62-87 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 118-185 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 186-220 kmph (90 -119 knots)

Super Cyclone Storm: 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)