



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 07th August 2026

Time of Issue: 1345 hours IST

Subject: (i) Under the influence of likely formation of a low pressure area over the coastal areas of Gangetic West Bengal & adjoining northwest Bay of Bengal, heavy to very heavy rainfall likely over East India (Odisha, Jharkhand, Bihar, Sub-Himalayan West Bengal & Sikkim, Gangetic West Bengal) during next 3 days with isolated extremely heavy rainfall over Odisha on 07th August.

(ii) Isolated heavy to very heavy rainfall very likely over Kerala, Coastal & South Interior Karnataka during next 2 days. Isolated extremely heavy rainfall also likely over North Kerala, today 07th August.

(iii) Under the influence of a low pressure area over the southwest Uttar Pradesh and neighbourhood Heavy to very heavy rainfall over Northwest Madhya Pradesh and Haryana Chandigarh & Delhi on 07th August.

(iv) Isolated heavy rainfall likely to continue over many parts of northwest & adjoining Central India and Northeast India during most days of the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 07th August, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Uttarakhand, East Rajasthan, Madhya Maharashtra Odisha, Kerala.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Assam, Nagaland, Andaman & Nicobar Islands, Jharkhand, Himachal Pradesh, Madhya Pradesh, Konkan, Coastal Karnataka, Coastal Andhra Pradesh, Telangana.

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

- ❖ The western end of **Monsoon trough** at mean sea level lies near its normal position and the eastern end south of its normal position.
- ❖ Under the influence of the upper air cyclonic circulation over southwest Uttar Pradesh & neighbourhood, a low pressure area has formed over the same region. The associated cyclonic circulation extends upto 4.5 km above mean sea level.
- ❖ The upper air cyclonic circulation over south Gangetic West Bengal & adjoining Bangladesh extending upto 7.6 km above mean sea level tilting southwards with height persists. Under its influence, a **low pressure area** is likely to form over the coastal areas of Gangetic West Bengal & adjoining northwest Bay of Bengal during next 24 hours. It is very likely to move west-northwestwards along the monsoon trough across Gangetic West Bengal & adjoining North Odisha, Jharkhand and North Chhattisgarh during subsequent 48 hours.
- ❖ An upper **air cyclonic circulation** lies over Jharkhand & neighbourhood in lower tropospheric level.
- ❖ The **Western Disturbance** as a trough in middle & upper tropospheric westerlies with its axis in middle tropospheric level along Long. 73°E to the north of Lat. 29°N persists.
- ❖ An **upper air cyclonic circulation** lies over Northeast Assam & neighbourhood in lower tropospheric level.

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

Northwest India:

- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 7th August and during 9th-10th August.
- ❖ **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 8th August and during 11th-13th August; Himachal Pradesh and Uttarakhand during 7th-13th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi during 7th-8th August; West Uttar Pradesh on 7th August; East Uttar Pradesh on 10th August; East Rajasthan during 7th-12th August.
- ❖ **Isolated thunderstorm & lightning** likely over Uttarakhand during 7th-13th August; West Rajasthan on 7th August and during 11th-13th August.
- ❖ **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 11th-13th August; Himachal Pradesh during 7th-9th August and during 12th-13th August; Uttarakhand during 7th-13th August; West Uttar Pradesh on 7th August and during 9th-11th August; East Uttar Pradesh and West Rajasthan

during 8th-10th August; East Rajasthan during 9th-10th August and on 13th August with isolated **very heavy rainfall** also likely over Himachal Pradesh during 10th-11th August; Haryana Chandigarh & Delhi on 7th August; East Rajasthan during 7th-8th August and during 11th-12th August.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh on 7th August and during 10th-12th August; East Madhya Pradesh and Vidarbha during 7th-11th August; Chhattisgarh during 7th-8th August and during 12th-13th August.
- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 8th-9th August and on 13th August; East Madhya Pradesh and Vidarbha during 12th-13th August; Chhattisgarh during 9th-11th August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 10th-11th August; East Madhya Pradesh during 7th-8th August and during 10th-11th August; Vidarbha on 7th August; Chhattisgarh during 7th-11th August with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 7th August.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha and Sub-Himalayan West Bengal & Sikkim during 7th-13th August; Jharkhand during 9th-10th August and on 13th August; Bihar during 7th-9th August.
- ❖ **Isolated to Scattered** rainfall likely over Jharkhand during 7th-8th August and during 11th-12th August; Bihar during 10th-13th August.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands on 7th August; Sub-Himalayan West Bengal & Sikkim during 8th-10th August; Gangetic West Bengal during 8th-9th August and during 11th-13th August; Jharkhand during 7th-9th August; Bihar during 9th-10th August; Odisha on 7th August, on 9th August and on 13th August with isolated **very heavy rainfall** also likely over Gangetic West Bengal on 7th August; Odisha on 8th August.
- ❖ **Isolated extremely heavy rainfall likely over Odisha on 07th August.**

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 7th-12th August; Assam & Meghalaya during 9th-11th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh on 13th August; Assam & Meghalaya during 7th-8th August and during 12th-13th August; Nagaland, Manipur, Mizoram & Tripura during 7th-13th August.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 7th-8th August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 7th-11th August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 7th-8th August and during 11th-13th August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 7th-13th August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 7th-13th August; Madhya Maharashtra during 7th-8th August; Marathawada during 8th-9th August.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra during 9th-13th August; Marathawada on 7th August and during 10th-13th August; Gujarat Region and Saurashtra & Kutch during 7th-13th August.
- ❖ Isolated **thunderstorm & lightning** likely over Madhya Maharashtra during 7th-9th August; Gujarat Region and Marathawada during 8th-9th August.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa during 7th-8th August; Madhya Maharashtra on 7th August.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 7th-13th August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka during 8th-13th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka, Kerala & Mahe and Lakshadweep during 7th-13th August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and South Interior Karnataka on 7th August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Kerala & Mahe, Lakshadweep, North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 7th-8th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 7th-11th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Coastal Karnataka, South Interior Karnataka and Telangana during 7th-8th August.
- ❖ Isolated **heavy rainfall** likely over Lakshadweep, Tamil Nadu, Puducherry & Karaikal and Telangana on 7th August; Coastal Andhra Pradesh & Yanam and Kerala & Mahe during 7th-8th August; Coastal Karnataka and South

Interior Karnataka on 8th August with isolated **very heavy rainfall** also likely over Coastal Karnataka and South Interior Karnataka on 7th August.

- ❖ Strong Surface Winds likely over Coastal Karnataka, Kerala & Mahe, Lakshadweep, North Interior Karnataka, South Interior Karnataka and Telangana during 7th-8th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 7th-11th August.
- ❖ **Isolated extremely heavy rainfall likely over North Kerala on 07th August.**

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off Somalia coast till 12th August, over most parts of westcentral adjoining some parts of southwest during 07th to 10th August, some parts of westcentral, southwest and few parts of north and eastcentral Arabian Sea during 10th to 12th August, along and off Karnataka, Kerala coasts, Lakshadweep Area adjoining sea areas and few parts of Comorian areas during 07th to 09th August, along and off Oman coast during 08th to 10th August. and along on off north Gujarat coast adjoining northeast Arabian Sea on 07th August.
- ❖ **Bay of Bengal:** Along and off West Bengal, Odisha and north Andhra Pradesh coasts during 07th to 09th August, Over Andaman Sea during 07th to 12th August, along and off south Sri Lanka Coast adjoining few parts of south Bay of Bengal during 07th to 09th August

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>

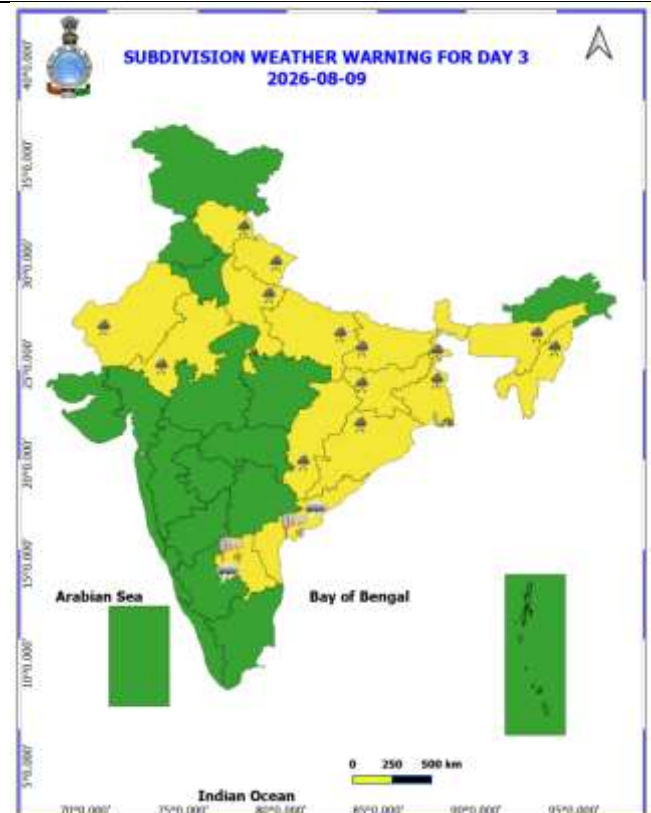
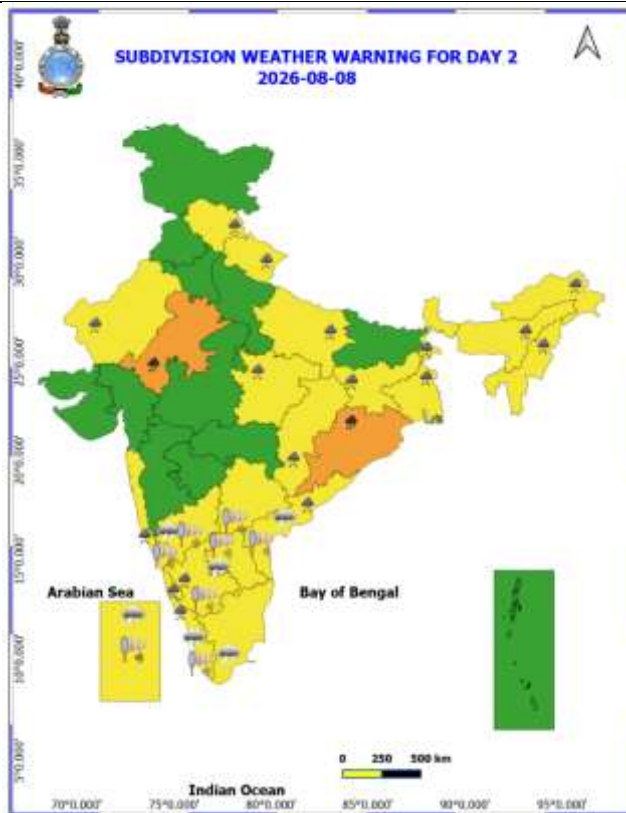
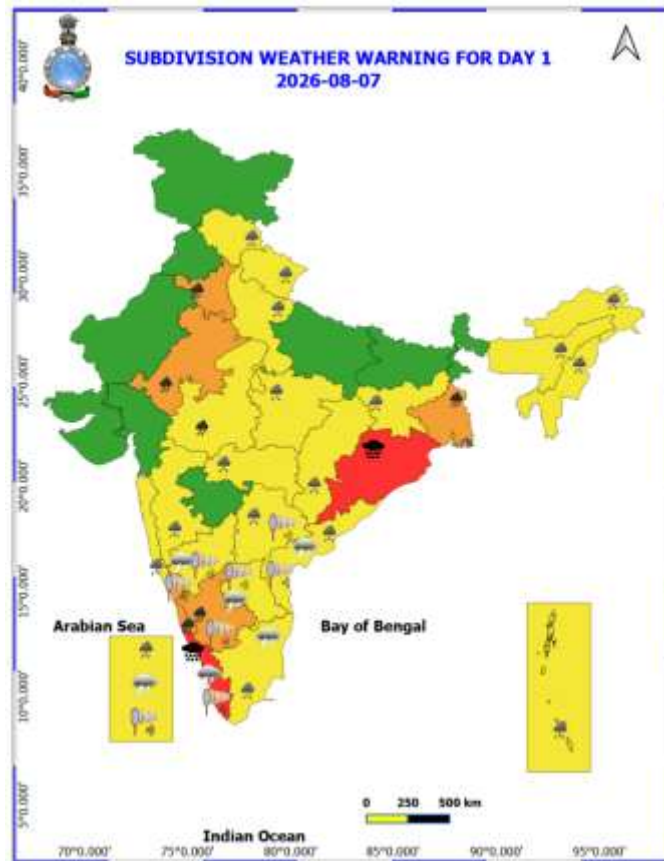
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

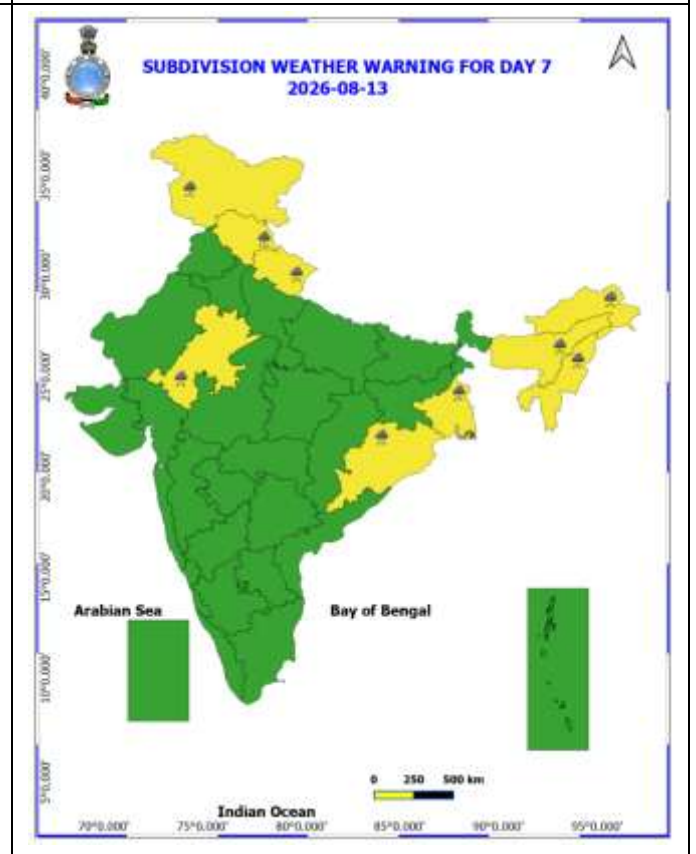
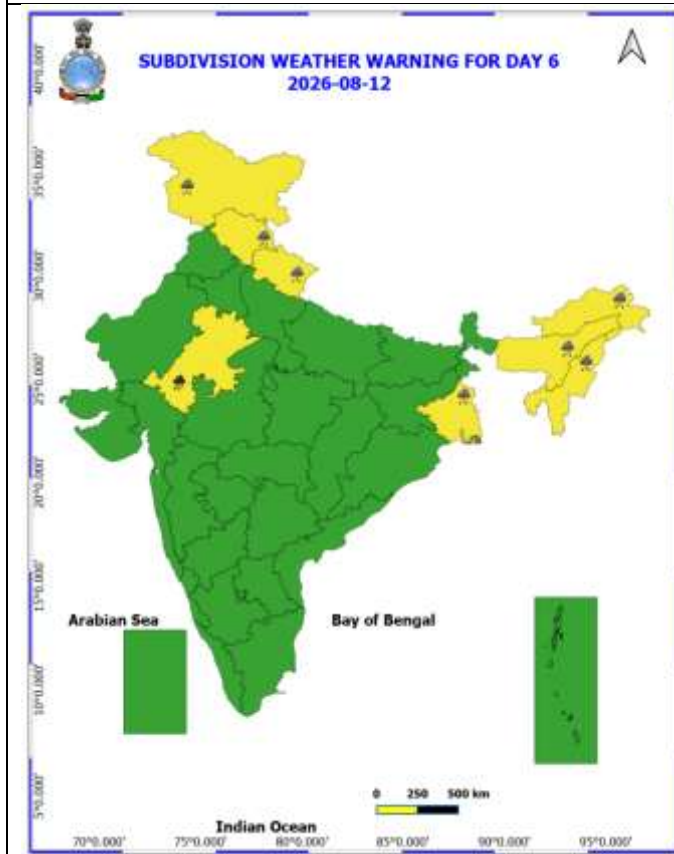
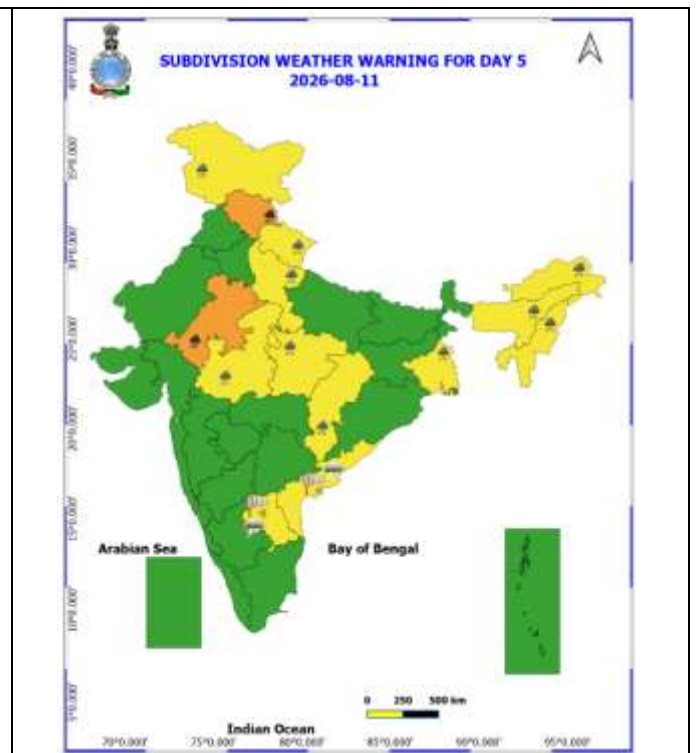
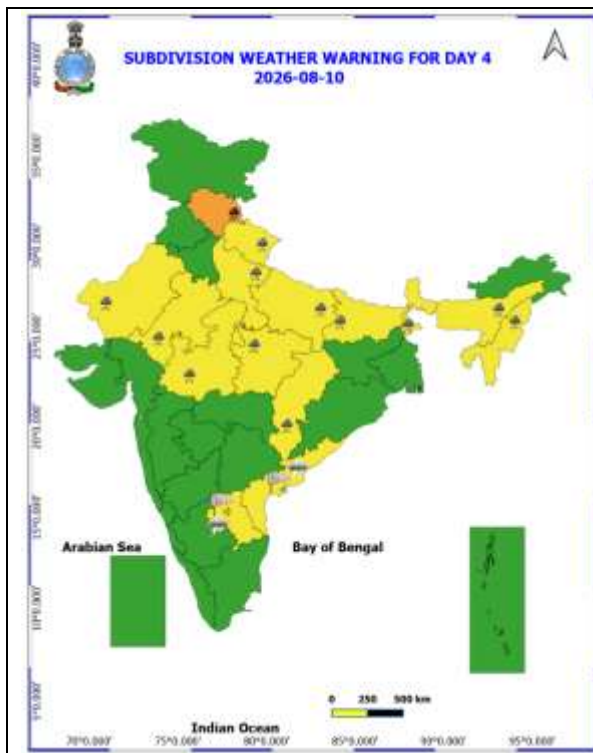
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **East Rajasthan:** Phari 16
- ❖ **Kerala & Mahe:** Kumarakkom 14, Vaikkom 13,
- ❖ **Madhya Maharashtra:** Tamini_Mulshi (Pune) 13
- ❖ **Odisha:** Narla13
- ❖ **Uttarakhand:** Khanpur 13
- ❖ **Assam:** Bhomoraguri 10
- ❖ **Konkan:** Lanja (Ratnagiri) 9
- ❖ **Coastal Andhra Pradesh & Yanam:** Visakhapatnam 9
- ❖ **Himachal Pradesh:** Dharamshala 8
- ❖ **West Madhya Pradesh:** Datia 8
- ❖ **East Madhya Pradesh:** Niwari 8
- ❖ **Jharkhand:** Arki 8
- ❖ **Nagaland:** Wokha 8
- ❖ **Coastal Karnataka:** Manki (dist Uttara Kannada) 7
- ❖ **Telangana:** Dhar Palke 7
- ❖ **Andaman & Nicobar Islands:** Carnicobar 7.

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	7- Aug	8- Aug	9- Aug	10- Aug	11- Aug	12- Aug	13- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WFS	WFS	WFS	WFS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	ISOL	SCT	SCT	FWS
3	ASSAM & MEHGHALAYA	FWS	FWS	SCT	SCT	SCT	FWS	FWS
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	WFS	FWS	FWS	FWS	FWS	WFS	WFS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	WFS	WFS	FWS	FWS	FWS	FWS
6	GANGETIC WEST BENGAL	SCT	WFS	FWS	FWS	FWS	WFS	WFS
7	ODISHA	WFS	WFS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	SCT	SCT	FWS	FWS	SCT	SCT	FWS
9	BIHAR	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
10	EAST UTTAR PRADESH	SCT	ISOL	SCT	FWS	SCT	ISOL	SCT
11	WEST UTTAR PRADESH	FWS	SCT	ISOL	SCT	SCT	ISOL	ISOL
12	UTTARAKHAND	FWS	FWS	WFS	WFS	WFS	FWS	FWS
13	HARYANA, CHANDIGARH & DELHI	FWS	FWS	SCT	SCT	SCT	SCT	SCT
14	PUNJAB	SCT	SCT	SCT	SCT	SCT	SCT	SCT
15	HIMACHAL PRADESH	FWS	FWS	FWS	WFS	WFS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	SCT	FWS	SCT	SCT	FWS	WFS	WFS
17	WEST RAJASTHAN	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
18	EAST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	FWS	SCT
19	WEST MADHYA PRADESH	FWS	SCT	SCT	FWS	FWS	FWS	SCT
20	EAST MADHYA PRADESH	FWS	FWS	FWS	FWS	FWS	SCT	SCT
21	GUJRAT REGION	SCT	SCT	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
23	KONKAN & GOA	WFS	WFS	WFS	SCT	WFS	WFS	WFS
24	MADHYA MAHARASHTRA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
25	MARATHWADA	SCT	FWS	FWS	ISOL	SCT	SCT	SCT
26	VIDARBHA	FWS	FWS	FWS	FWS	FWS	SCT	SCT
27	CHHATTISGARH	FWS	FWS	SCT	SCT	SCT	FWS	FWS
28	COASTAL ANDHRA PRADESH	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WFS	WFS	WFS	WFS	WFS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	SCT	SCT	SCT	SCT	SCT
35	KERALA AND MAHE	WFS	WFS	WFS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	SCT	WFS	FWS	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 07th to 10th August 2026**Past Weather:**

There has been fall in maximum temperatures by 3-6°C and no large change in minimum temperatures over Delhi during past 24 hours. The maximum temperatures were in the range of 27-28°C and the minimum temperatures are in the range 22-26°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at a few 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 markedly below normal (-5.1°C or less) at most parts of Delhi. Light to moderate rain has been occurred at most places over Delhi during the past 24 hours. Generally cloudy sky with surface wind speed 15 kmph from the west direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 15 kmph likely to prevail from the northwest direction over the region in the forenoon today.

Weather Forecast:

07.08.2026: Overcast sky. Continuous/intermittent rain at most places. A few spells of light to moderate rain at most places with heavy to very heavy rain at isolated places during afternoon to night. The maximum temperatures over Delhi are likely to be in the range of 28-30°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind speed reaching up to 15 kmph during the afternoon. The wind speed will increase becoming up to 18 kmph from the northeast direction during evening and night.

08.08.2026: Generally cloudy sky. A 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 at many places in the evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 22°C to 24°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 southeast direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase becoming up to 18 kmph from the northeast direction during the afternoon. The wind speed will increase becoming up to 20 kmph from the northeast direction during evening and night.

09.08.2026: Generally cloudy sky. Possibility of very light rain during early morning to forenoon. Another spell of very light to light rain towards evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 22°C to 24°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 most places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will decrease becoming up to 15 kmph from the southeast direction during the afternoon. The wind speed will increase becoming up to 20 kmph from the southeast direction during evening and night.

10.08.2026: Generally cloudy sky. Possibility of one or two spells of very light rain towards afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°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 most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind reaching up to 20 kmph during the morning hours. The surface wind speed will decrease becoming up to 15 kmph from the southeast direction during the afternoon. The wind speed will decrease becoming up to 12 kmph from the southeast direction during evening and night.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ Isolated extremely heavy rainfall over Kerala and Odisha on 07th August.
- ❖ Heavy to very heavy rainfall over Northwest Madhya Pradesh and Haryana Chandigarh & Delhi on 07th 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 **Arunachal Pradesh**, ensure proper drainage in rice, maize, soybean and finger millet fields, orchards and low-lying areas to prevent prolonged waterlogging. Secure vines firmly to bamboo stakes or trellises to prevent lodging.
- In **Assam**, keep field drainage channels clear and maintain proper drainage in rice nurseries, jute, sugarcane, soybean, pigeon pea, sesame and vegetable fields to prevent prolonged waterlogging.
- In **Meghalaya**, ensure proper drainage from rice nurseries and fields of maize, cowpea, okra and ginger to prevent prolonged waterlogging. Open drainage channels immediately and provide propping/support to banana and other heavily laden crops.
- In **Nagaland, Manipur, Mizoram and Tripura**, ensure proper drainage from soybean, black gram, ginger, turmeric, cole crop and vegetable fields to prevent residual waterlogging. Provide bamboo staking/support to banana and other vulnerable crops and avoid prolonged water stagnation in rice and groundnut fields.
- In **Uttarakhand**, maintain effective drainage in rice, sugarcane, black gram, green gram, soybean, maize, groundnut, sesame, barnyard millet, finger millet, tomato and chilli fields to prevent prolonged waterlogging. Harvest mature tomato, French bean and potato wherever field conditions permit.
- In **Himachal Pradesh**, carry out harvesting of pea pods and vegetables (tomato, capsicum, brinjal, etc.) wherever possible and keep harvested produce in a safe place. Maintain proper drainage in rice, maize, finger millet, tomato, brinjal, capsicum, chilli and cucumber fields and apple and pear orchards for quick removal of excess rainwater.
- In **Haryana**, ensure proper field drainage in standing crop fields to prevent waterlogging and promptly remove excess rainwater from crop fields and orchards.
- In **Uttar Pradesh**, maintain proper drainage to remove excess rainwater from pigeon pea, maize, groundnut, sesame, rice, vegetable and other standing crop fields, particularly from low-lying areas prone to waterlogging.
- In **Rajasthan**, make necessary arrangements for drainage from the fields of already sown pearl millet, green gram, sesame, moth bean, cluster bean, other standing crops and vegetables.
- In **Odisha**, maintain effective drainage in rice nurseries and fields of kharif crops such as maize, pulses (green gram, black gram, pigeon pea), oilseeds (groundnut, sesame), cotton, vegetables and fruit orchards to prevent waterlogging. Provide staking/support to banana, papaya, sugarcane, tomato and climbing vegetable.
- In **Jharkhand**, maintain proper drainage in paddy, finger millet, maize, tomato nursery and other standing crop fields to prevent waterlogging. Postpone intercultural operations and ensure excess rainwater is drained quickly from crop fields.
- In **Bihar**, make proper arrangements for drainage of excess rainwater from crop fields and postpone the application of fertilizers and pesticides.

- In **Andaman & Nicobar**, Harvest and store areca nut, coconut and spices in clean, dry and well-ventilated places to protect them from moisture. Maintain proper drainage in rice nurseries and transplanted fields; repair field bunds; Ensure proper drainage in turmeric, ginger and black pepper fields to prevent temporary waterlogging.
- In **West Bengal**, maintain proper drainage in rice nurseries and fields of rice, ginger, tomato, chilli, Dalley Khorsani, finger millet and fruit orchards to prevent waterlogging. Strengthen terrace bunds in transplanted rice fields.
- In **Madhya Pradesh**, ensure quick drainage of excess rainwater from crop fields by providing drainage channels at suitable intervals ensure proper drainage in all crop fields to avoid waterlogging.
- In **Chhattisgarh**, Maintain proper drainage in nurseries and low-lying fields to avoid temporary water stagnation
- In **Vidarbha**, 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.
- In **Konkan**, ensure proper drainage in turmeric, groundnut, transplanted rice, finger millet, proso millet, vegetable fields and orchards. Remove excess rainwater from low-lying areas to prevent prolonged waterlogging.
- In *Ghat areas* of **Madhya Maharashtra**, drain out excess rainwater from rice nurseries and fields of rice, finger millet, maize, cotton, pigeon pea, groundnut, green gram and black gram to prevent waterlogging.
- In **Keralam**, drain out excess rainwater from plantations of banana, coconut, cardamom, ginger, black pepper and fields of turmeric and vegetables to prevent waterlogging. Provide strong support for banana plants and trellis-grown crops.
- In **Coastal and South Interior Karnataka**, keep field drainage channels clear and drain out excess rainwater from paddy, maize, millets, vegetables, arecanut plantations and fruit orchards to prevent prolonged waterlogging. Provide mechanical support to banana and tomato crops.
- In **Tamil Nadu**, ensure proper drainage in paddy, sugarcane, banana, coconut, black pepper, ginger, turmeric and vegetable fields to prevent waterlogging.
- In **Andhra Pradesh**, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables.

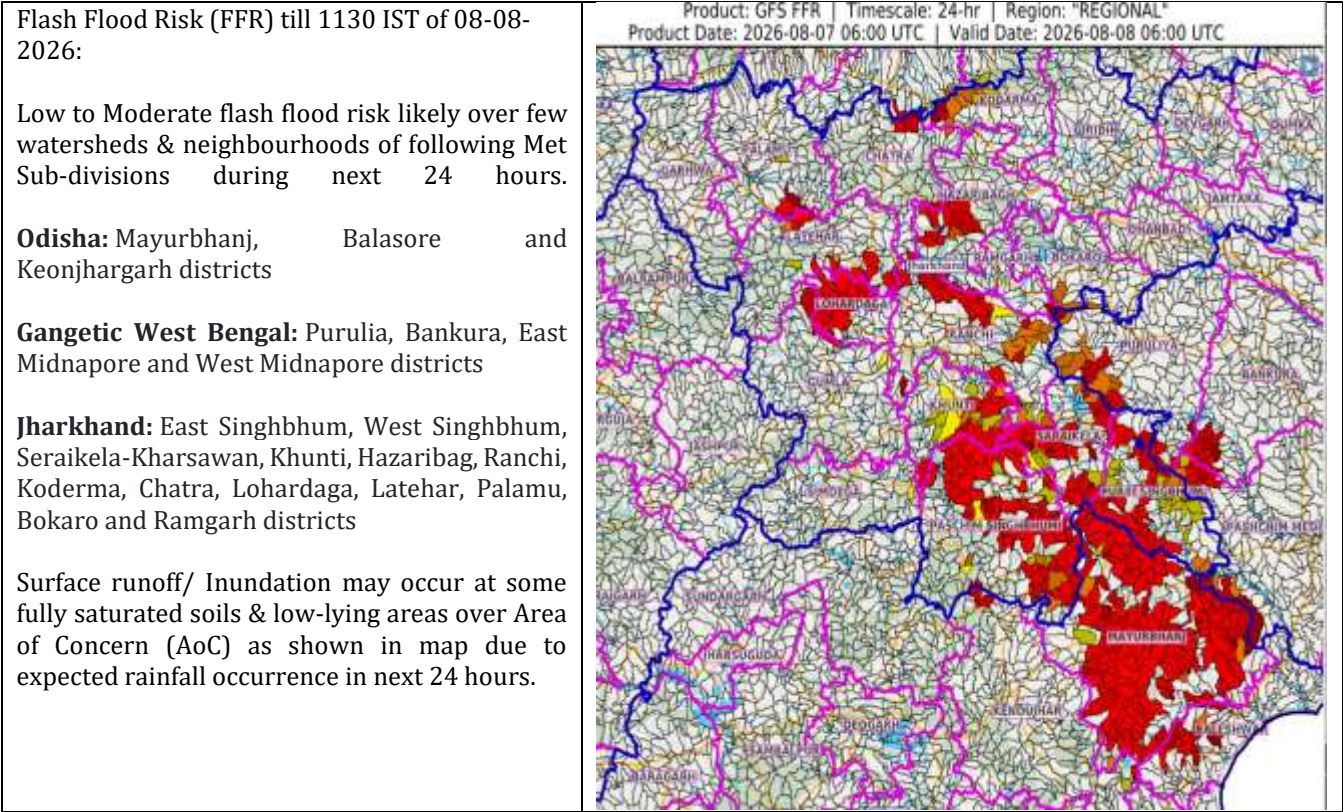
Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- 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:

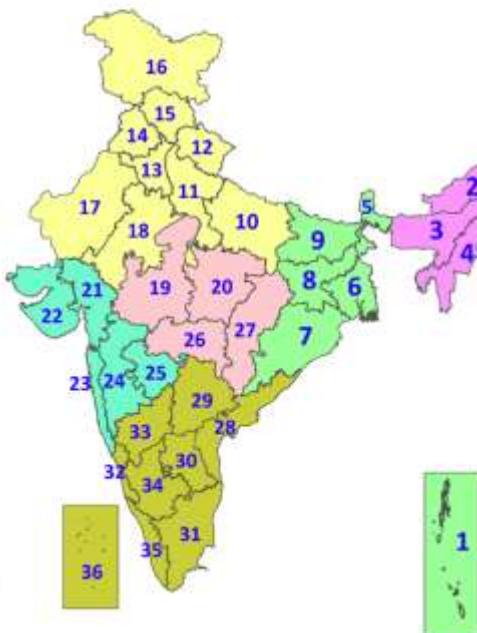


Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **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)