



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 17th August 2026

Time of Issue: 1315 hours IST

Subject: Under the influence of Depression over northwest Bay of Bengal & adjoining West Bengal-north Odisha coasts, heavy to very heavy rainfall over Gangetic West Bengal, Odisha, Chhattisgarh & Jharkhand during next 2 days with isolated extremely heavy rainfall over Gangetic West Bengal, Odisha & Chhattisgarh on 17th and Jharkhand on 18th August, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 17th August, 2026:

- ❖ **Extremely heavy rainfall (≥ 21 cm)** has been recorded over Odisha.
- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Uttarakhand, Gangetic West Bengal, Uttar Pradesh, East Madhya Pradesh, Chhattisgarh.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Assam, Himachal Pradesh, Sikkim, Jharkhand, Bihar, West Madhya Pradesh.

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

- ❖ The western end of **monsoon trough** is north of its normal position and eastern end is near its normal position at mean sea level.
- ❖ Yesterday's **low pressure** area over northwest Bay of Bengal and adjoining West Bengal & north Odisha coasts became more marked and lay as Well marked low over the same region at 1430 Hrs IST of yesterday, and concentrate into a **Depression** the same region at 0530 Hrs IST and lay over northwest Bay of Bengal & adjoining West Bengal & north Odisha coasts. It is very likely to move initially north-northwestwards and then northwestwards across Gangetic West Bengal, Jharkhand and Bihar during next 24 hours.
- ❖ The **Shear Zone** now runs roughly along Lat. 22°N across central & adjoining north Peninsular India in lower & upper tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over north Haryana & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over central parts of Rajasthan between lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over Jammu Division & neighbourhood in middle tropospheric level with a trough aloft at its axis in middle tropospheric level roughly along Long. 70°E to the north of Lat. 30°N persists.
- ❖ An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood in lower tropospheric level.

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 17th-22nd August; Himachal Pradesh and Uttarakhand during 17th-23rd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Punjab on 18th August; Haryana Chandigarh & Delhi on 18th August and during 21st-22nd August; West Uttar Pradesh on 17th August and during 21st-22nd August; East Uttar Pradesh during 17th-23rd August.
- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 23rd August.
- ❖ **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- ❖ **Isolated thunderstorm & lightning** likely over Uttarakhand during 17th-23rd August.
- ❖ **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 17th-20th August; Himachal Pradesh on 17th August and during 19th-21st August; Uttarakhand during 18th-23rd August; Punjab during 17th-19th August; Haryana Chandigarh & Delhi during 17th-18th August and on 21st August; West Uttar Pradesh on 17th August and during 21st-22nd August; East Uttar Pradesh during 18th-19th August and during 22nd-23rd August; East Rajasthan during 20th-22nd August with isolated **very heavy rainfall** also likely over Himachal Pradesh and West Uttar Pradesh on 18th August; Uttarakhand on 17th August; East Uttar Pradesh on 17th August and during 20th-21st August.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 17th-21st August; East Madhya Pradesh during 17th-23rd August; Vidarbha during 17th-18th August and during 21st-23rd August; Chhattisgarh during 17th-19th August and during 22nd-23rd August.
- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 22nd-23rd August; Vidarbha during 19th-20th August; Chhattisgarh during 20th-21st August.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh during 18th-21st August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 17th August and during 20th-23rd August; East Madhya Pradesh during 20th-23rd August; Vidarbha on 17th August; Chhattisgarh on 17th August and on 19th August with isolated **very heavy rainfall** also likely over East Madhya Pradesh during 17th-19th August; Chhattisgarh on 18th August.
- ❖ **Isolated extremely heavy rainfall likely over Chhattisgarh on 17th August.**

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 17th-23rd August; Jharkhand during 17th-19th August and on 23rd August; Bihar during 17th-19th August; Odisha during 17th-20th August.
- ❖ **Isolated to Scattered** rainfall likely over Jharkhand during 20th-22nd August; Bihar during 20th-23rd August; Odisha during 21st-23rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Gangetic West Bengal, Jharkhand and Odisha on 17th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Andaman & Nicobar Islands and Bihar during 17th-23rd August; Sub-Himalayan West Bengal & Sikkim during 17th-19th August; Gangetic West Bengal on 18th August; Jharkhand and Odisha during 18th-21st August.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 17th-21st August; Gangetic West Bengal during 17th-18th August; Jharkhand during 18th-19th August; Bihar on 17th August and during 19th-20th August; Odisha on 17th August and during 21st-23rd August with isolated **very heavy rainfall** also likely over Jharkhand on 17th August; Bihar and Odisha on 18th August.
- ❖ **Isolated extremely heavy rainfall likely over Odisha, Gangetic West Bengal on 17th and Jharkhand on 18th August.**
- ❖ **Moderate to severe lightning activity over the Bihar on 17th August.**

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 17th-21st August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 17th-23rd August.
- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 22nd-23rd August.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 17th-20th August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 17th-21st August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 17th-18th August and during 20th-22nd August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 17th-23rd August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 17th-23rd August; Gujarat Region on 17th August.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra, Marathwada and Saurashtra & Kutch during 17th-23rd August; Gujarat Region during 18th-23rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Gujarat Region during 17th-19th August.
- ❖ Isolated **heavy rainfall** likely over Gujarat Region on 17th 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 17th-23rd August; Kerala & Mahe and Lakshadweep during 21st-23rd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 17th-20th August; Coastal Karnataka during 17th-23rd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal on 18th August; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and Rayalaseema during 17th-21st August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over South Interior Karnataka and Telangana during 17th-21st August.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 18th-19th August; Kerala & Mahe on 18th August.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema, South Interior Karnataka and Telangana during 17th-21st August.

Wind Warning:

- ❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph are likely to prevail over North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till 18th August. It would decrease gradually thereafter.
- ❖ Squally winds with speed reaching 35-45 kmph gusting to 55 kmph are likely over Gangetic West Bengal & north coastal Odisha till mid-night of 18th morning August and over south Jharkhand, & adjoining north interior Odisha & north Chhattisgarh from 18th morning for subsequent 12 hours.

Sea Condition:

- ❖ **Sea condition is very likely to be rough to very rough** over North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till 18th August and improve gradually thereafter.

Fishermen Warning

- ❖ Fishermen are advised not to venture into North Bay of Bengal & along and off West Bengal-Bangladesh; Odisha & north Andhra Pradesh coasts till 18th 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>

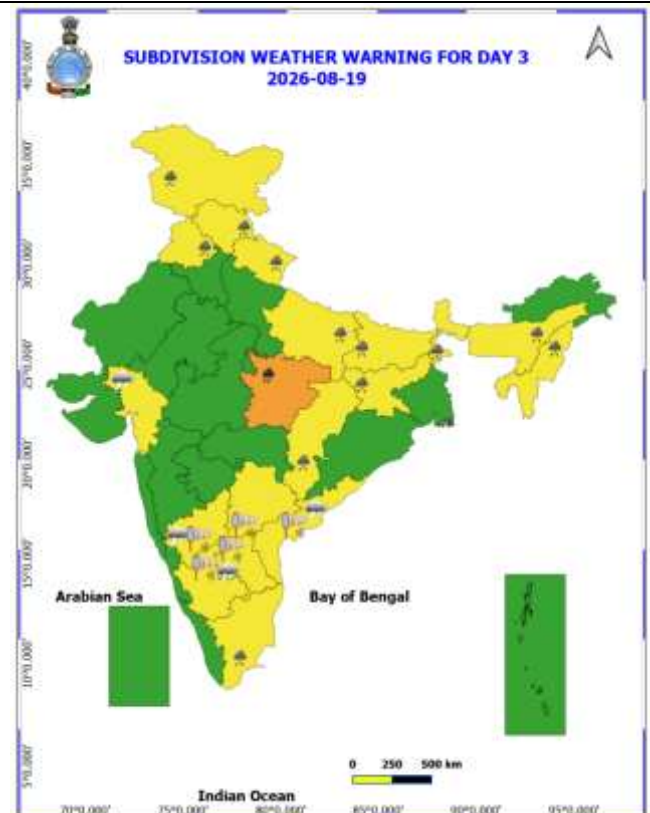
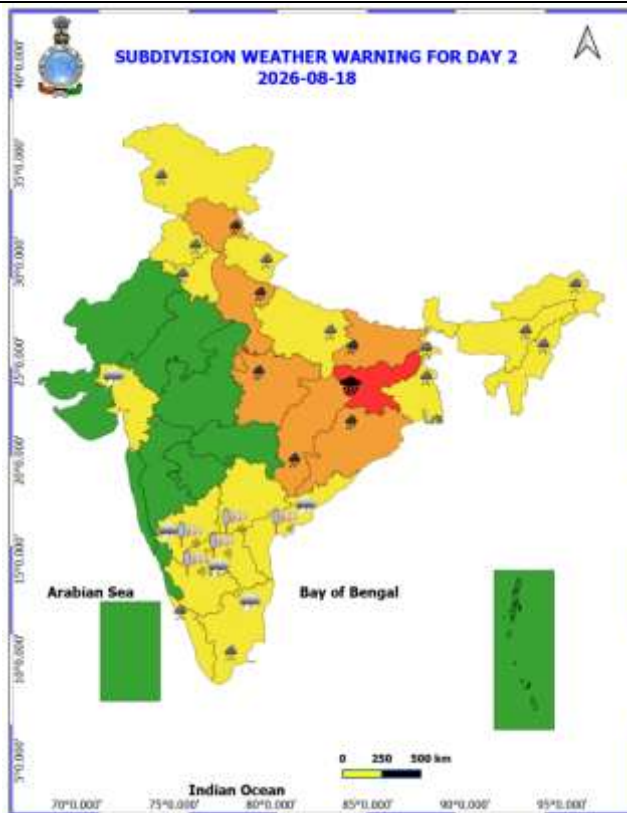
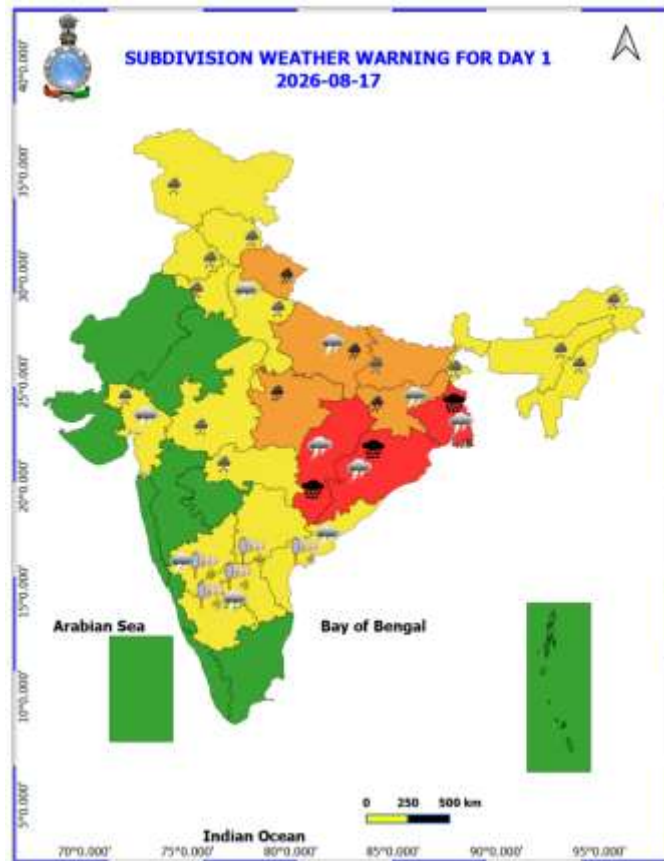
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

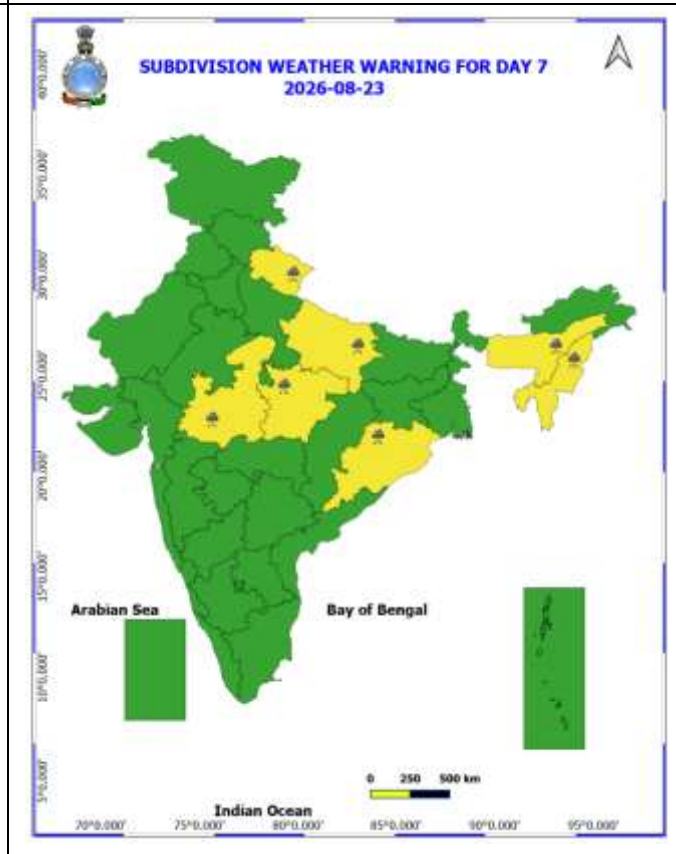
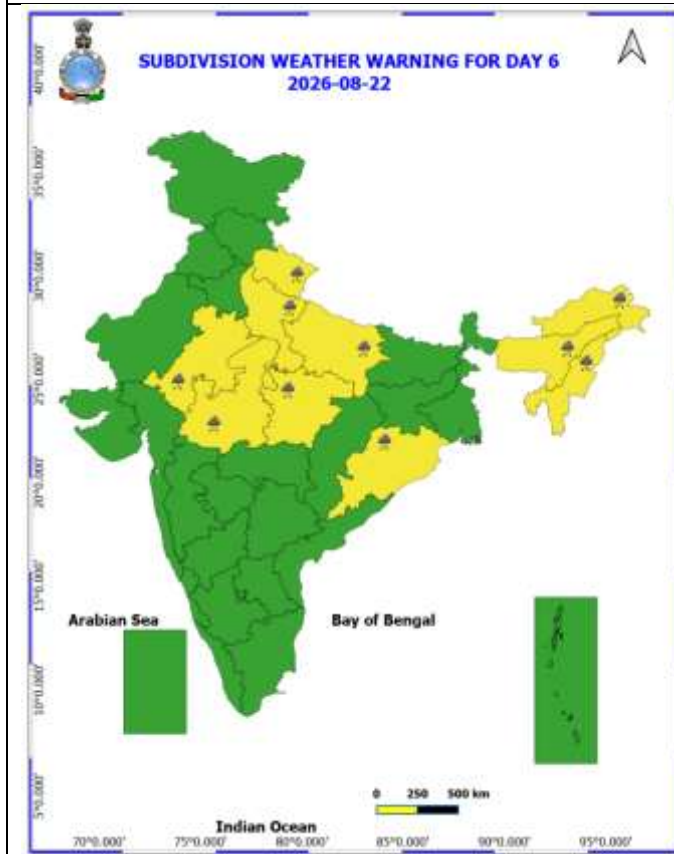
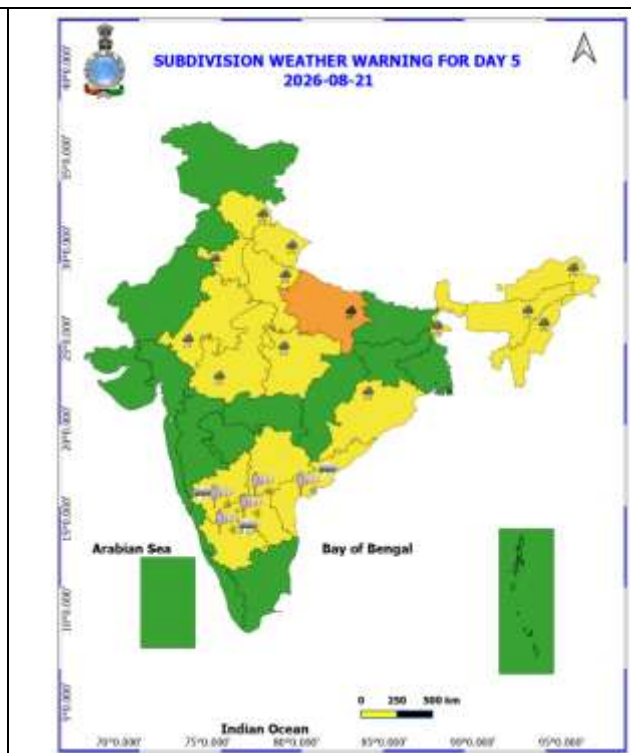
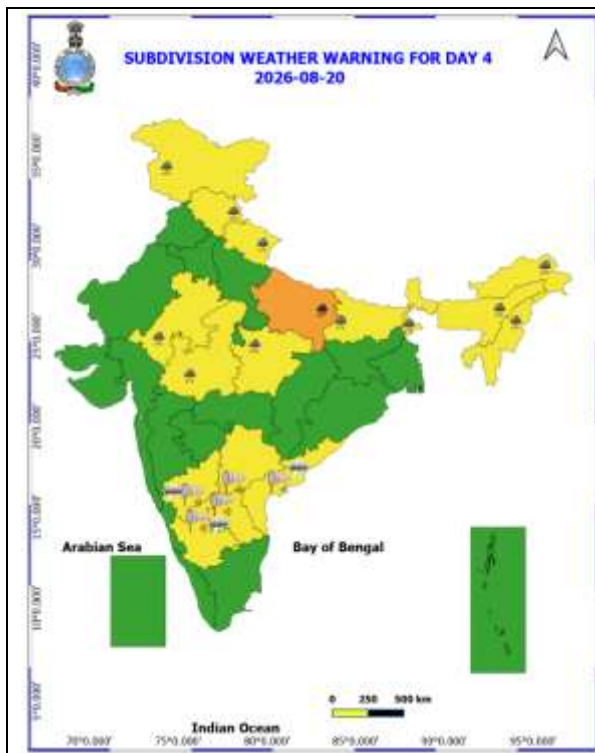
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Odisha:** Bhogorai- 22
- ❖ **Uttarakhand:** Liti 17
- ❖ **Uttar Pradesh:** Baheri (Bareilly)-14, Churk (Sonbhadra)-15
- ❖ **Gangetic West Bengal:** Sagar 14
- ❖ **East Madhya Pradesh:** Sihora (Jabalpur) 12
- ❖ **Assam:** Boko 10
- ❖ **Bihar:** Dhalbhumgarh 9
- ❖ **Chhattisgarh:** Korba 9
- ❖ **Jharkhand:** Manjhari 8
- ❖ **West Madhya Pradesh:** Lahar (Bhind)7
- ❖ **Sikkim:** Indong 7
- ❖ **Himachal Pradesh:** Kataula 7

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

- 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 17th to 20th August 2026**Past Weather:**

There has been no large change in maximum and minimum temperatures over Delhi during past 24 hours. The maximum temperatures were 33-34°C and the minimum temperatures are in the range 24-28°C respectively during past 24 hours over Delhi. The minimum temperatures were above normal (1.6°C to 3.0°C) at a few places and normal (-1.5°C to 1.5°C) at remaining parts of Delhi. The maximum temperatures were normal (-1.5°C to 1.5°C) at most places over Delhi. Generally cloudy sky with surface wind speed 18 kmph from the west direction prevailed over Delhi during past 24 hours. Partly cloudy sky with surface wind speeds up to 22 kmph likely to prevail from the west direction over the region in the forenoon today.

Weather Forecast:

17.08.2026: Partly cloudy sky. A spell of very light to light rain at a few places during afternoon to evening. The maximum temperatures over Delhi are likely to be in the range of 34-36°C. The maximum temperatures will be near normal (-1.5°C to 1.5°C) at many places with above normal (1.6°C to 3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the southwest direction with surface wind speed reaching up to 16 kmph during the afternoon. The wind speed will decrease becoming up to 14 kmph from the southwest direction during evening and night.

18.08.2026: Generally cloudy sky. A spell of very light to light rain at a few places during morning to afternoon. 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 most 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 morning hours. The wind speed will increase becoming up to 18 kmph from the northeast direction during afternoon. The wind speed will decrease becoming up to 15 kmph from the southeast direction during evening and night.

19.08.2026: Generally cloudy sky. One or two spells of light rain at many places with moderate rain at isolated places during early morning to noon. Another spell of very light to light rain during evening to night. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°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 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. The wind speed will increase becoming up to 18 kmph from the northeast direction during afternoon. The wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night.

20.08.2026: Generally cloudy sky. One or two spells of light rain at many places with moderate rain at isolated places during early morning to noon. Another spell of very light to light rain during evening to night. 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 northeast direction with wind reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 18 kmph from the northeast direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ Isolated extremely heavy rainfall likely over Chhattisgarh, Odisha, Gangetic West Bengal on 17th and Jharkhand on 18th August.
- ❖ Moderate to severe lightning activity over Bihar on 17th 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 Bengal**, maintain continuous and effective drainage in Aman rice, jute, rice nurseries and vegetable fields and remove excess water from low-lying areas. Keep drainage channels clear and strengthen bunds around rice nurseries to prevent flooding. Avoid fertilizer and pesticide application during rainfall and harvest mature jute, tea leaves and vegetables wherever field conditions permit, keeping the produce in a safe and dry place.
- 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 prevent water stagnation in pearl millet. Provide staking/support to vegetables, banana, papaya and young horticultural plants. Protect tomato, chilli and brinjal nurseries with polythene sheets and postpone rice and horticultural crop transplanting in waterlogged fields until suitable soil conditions are restored.
- In **Jharkhand**, maintain proper drainage in maize, pigeon pea and other standing crops and remove excess rainwater promptly. In areas where sowing of pigeon pea is not yet completed, postpone sowing until suitable soil conditions prevail. Avoid fertilizer and plant protection operations during wet conditions.
- In **Chhattisgarh**, ensure continuous and effective drainage from rice, maize, groundnut, minor millets and pulses fields and other standing crops. Provide staking to creeper vegetables such as bitter gourd, bottle gourd and other cucurbits. Postpone fresh transplantation of rice in lowland areas.
- In **Bihar**, ensure proper drainage of excess rainwater from rice, maize, pulses and other standing crop fields and postpone fertilizer and pesticide application during wet conditions. Continue transplanting of rice and planting of banana and yam only where field conditions permit.
- 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 conditions become suitable. Harvest mature tomato, French bean and potato and keep the produce in a safe, dry place.
- In **Uttar Pradesh**, drain out excess water from paddy, pigeon pea, pulses, oilseeds and vegetable fields, particularly from low-lying areas. Continue nursery raising of brinjal, chilli and early cauliflower and sowing of cucurbits and okra only where field conditions permit.
- In **Arunachal Pradesh**, maintain proper drainage in maize, finger millet, soybean, cowpea, vegetable fields and orchards to prevent waterlogging.
- 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.

- 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. Postpone fertilizer and plant protection operations during wet conditions and provide staking/support to vulnerable crops wherever required.
- In **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, particularly following heavy rain.
- 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 cucumber, bottle gourd, bitter gourd, snake gourd, ridge gourd and sponge gourd wherever field conditions permit.
- In **Punjab**, maintain proper drainage in standing crop fields and avoid irrigation, fertilizer application and plant protection operations during wet conditions. Resume field operations only when soil conditions become suitable.
- In **Haryana**, maintain proper drainage in standing crop fields and promptly remove excess rainwater. Avoid irrigation, fertilizer and plant protection operations during rainfall and keep drainage channels clear.
- In **Madhya Pradesh**, maintain proper drainage in cotton, sugarcane, soybean, maize 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.

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:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-08-2026 :

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

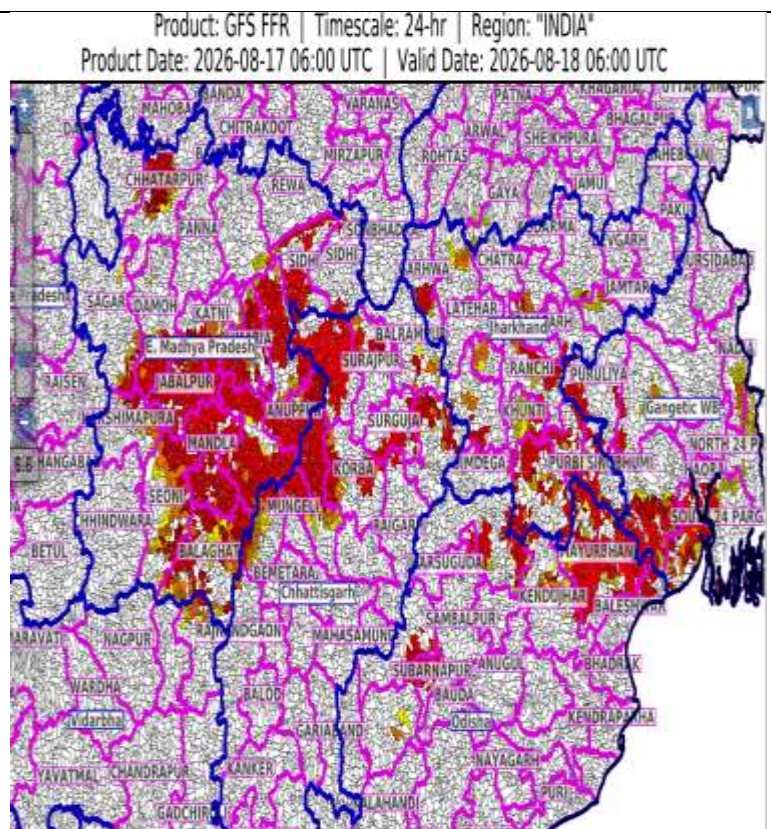
Chhattisgarh -Balrampur, Bilaspur, Jashpur, Kabirdham, Korba, Koriya, Mungeli, Surajpur and Surguja districts.

East Madhya Pradesh - Anuppur, Balaghat, Chhatarpur, Damoh, Dindori, Jabalpur, Katni, Mandla, Narsinghpur, Sagar, Seoni, Shahdol, Sidhi and Umaria districts.

Odisha - Balangir, Balasore, Bargarh, Keonjhar, Mayurbhanj, Sonapur and Sundargarh districts.

Gangetic West Bengal - Bankura, East Midnapore, Howrah, Jhargram, Nadia, North 24 Parganas, Purulia, South 24 Parganas and West Midnapore districts.

Jharkhand - Dhanbad, East Singhbhum, Garhwa, Gumla, Hazaribag, Khunti, Lohardaga, Palamu, Ranchi, Seraikela-Kharsawan, Simdega and West Singhbhum 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.

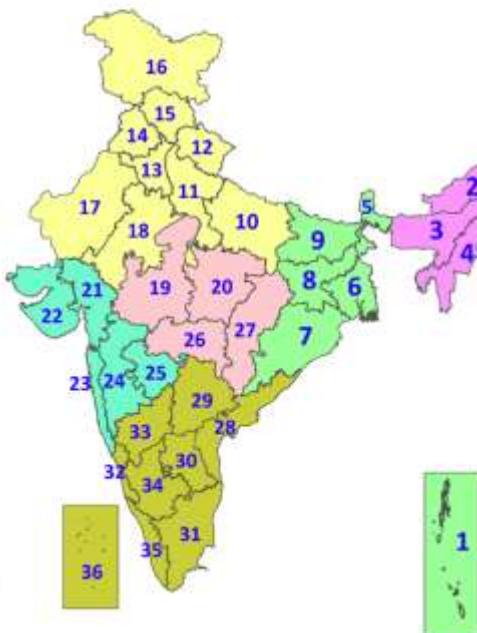


Legends & abbreviations:

- ❖ **Heavy Rain:**64.5115.5mm; **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)

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