



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 16th August 2026

Time of Issue: 1400 hours IST

Subject: (i) A low pressure area formed over Northwest Bay of Bengal and adjoining West Bengal-North Odisha coasts. Under its influence, heavy to very heavy rainfall over Gangetic West Bengal, Odisha, Chhattisgarh & Jharkhand during next 2 days with isolated extremely heavy rainfall over Odisha on 16th & 17th and Gangetic West Bengal on 17th August, 2026.

(ii) Isolated heavy to very heavy rainfall likely over Western Himalayan Region during most days of the week and over Uttar Pradesh next 3-4 days in association with western end of Monsoon trough laying to the north of its normal position.

(iii) Isolated heavy to very heavy rainfall likely over northeast India during next 2-3 days and over Assam & Meghalaya during the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 16th August, 2026:

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

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

- ❖ The western end of **monsoon trough** is north of its normal position and eastern end is south of its normal position at mean sea level.
- ❖ Under the influence of the upper air cyclonic circulation over Northwest Bay of Bengal, a low pressure area formed over Northwest Bay of Bengal and adjoining West Bengal-North Odisha coasts at 0530 hrs IST and persisted over the same region at 0830 hrs IST of today, the 16th August, 2026. It is very likely to move nearly northwestwards and become more marked during next 24 hours.
- ❖ Yesterday's **low pressure area** over southeast Jharkhand & neighbourhood became less marked at 1730 hrs IST of the 15th August, 2026.
- ❖ The **Shear Zone** runs roughly along Lat. 22°N across central & adjoining north Peninsular India in middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Southeast Uttar Pradesh in middle tropospheric level.
- ❖ The **upper air cyclonic circulation** lies over Northwest Uttar Pradesh in lower tropospheric levels.
- ❖ The **upper air cyclonic circulation** lies over Gujarat state in middle tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Jammu Division & neighbourhood in middle tropospheric level.

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

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 16th-22nd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Haryana Chandigarh & Delhi and Punjab on 18th August; West Uttar Pradesh during 16th-17th August; East Uttar Pradesh during 16th-22nd August; East Rajasthan during 20th-21st August.
- ❖ **Isolated to Scattered** rainfall likely over rest parts of northwest India.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 16th-22nd August; West Uttar Pradesh during 16th-17th August; East Uttar Pradesh during 16th-18th August.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 16th August; Himachal Pradesh on 16th August and during 19th-22nd August; Uttarakhand during 18th-22nd August; Haryana Chandigarh & Delhi and Punjab during 17th-18th August; West Uttar Pradesh on 18th August; East Uttar Pradesh on 19th August; East Rajasthan during 19th-21st August with isolated **very heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 17th-19th August; Himachal Pradesh during 17th-18th

August; Uttarakhand and West Uttar Pradesh during 16th-17th August; East Uttar Pradesh during 16th-18th August.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh on 16th August and during 19th-21st August; Chhattisgarh and East Madhya Pradesh during 16th-22nd August; Vidarbha during 16th-18th August.
- ❖ **Isolated to Scattered** rainfall likely over central India.
- ❖ Isolated **thunderstorm & lightning** likely over Vidarbha during 16th-17th August; Chhattisgarh during 16th-20th August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 16th August and on 19th August; East Madhya Pradesh during 18th-19th August and during 21st-22nd August; Chhattisgarh on 18th August with isolated **very heavy rainfall** also likely over West Madhya Pradesh during 20th-21st August; Chhattisgarh and East Madhya Pradesh during 16th-17th August.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 16th-22nd August; Bihar and Jharkhand during 17th-19th August; Odisha during 16th-20th August.
- ❖ **Isolated to Scattered** rainfall likely over East India.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 17th August; Gangetic West Bengal during 17th-18th August; Jharkhand on 16th August; Bihar during 17th-20th August; Odisha during 16th-17th August with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim on 18th August; Gangetic West Bengal on 16th August; Jharkhand during 17th-18th August.
- ❖ **Isolated extremely heavy rainfall likely over Odisha on 16th & 17th and Gangetic West Bengal on 17th August.**

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 16th-21st August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 16th-22nd August.
- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh on 22nd August.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 16th-20th August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh on 16th August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 16th-22nd August with isolated **very heavy rainfall** also likely over Arunachal Pradesh during 17th-18th August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 16th-22nd August; Gujarat Region on 16th August.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra, Marathwada and Saurashtra & Kutch during 16th-22nd August; Gujarat Region during 17th-22nd August.
- ❖ Isolated **thunderstorm & lightning** likely over Gujarat Region on 16th August.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa and Madhya Maharashtra during 16th-17th August; Gujarat Region and Marathwada on 16th 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 16th-22nd August; Kerala & Mahe and Lakshadweep during 21st-22nd August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 16th-20th August; Coastal Karnataka during 16th-22nd August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 16th-20th August; North Interior Karnataka on 16th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over South Interior Karnataka on 16th August; Telangana during 16th-18th August.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 18th-19th August; Coastal Andhra Pradesh & Yanam on 16th August.
- ❖ Strong Surface Winds likely over North Interior Karnataka and South Interior Karnataka on 16th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 16th-20th August; Telangana during 16th-18th August.

Fishermen Warning:

- ❖ **Arabian Sea:** Arabian Sea: Along and off Somalia and Oman coast, most parts of westcentral Arabian Sea and some parts of southwest Arabian sea adjoining few parts of north & eastcentral Arabian Sea till 21st August, along and off Gujarat coast adjoining some parts of northeast and eastcentral Arabian Sea during 16th to 18th August.
- ❖ **Bay of Bengal:** Over few parts Comorin area and southwest Bay of Bengal adjoining south Sri Lanka Coast till 21st August. Along and off West Bengal, Odisha and Bangladesh coast adjoining northwest and some parts of northeast & central Bay of Bengal during 16th to 19th August, Along and off north Andhra Pradesh coast adjoining central Bay of Bengal during 16th to 18th August, Along and off north Andhra Pradesh adjoining south Andhra Pradesh coasts & adjoining central Bay of Bengal on 18th August, Over Andaman Sea during 16th to 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>

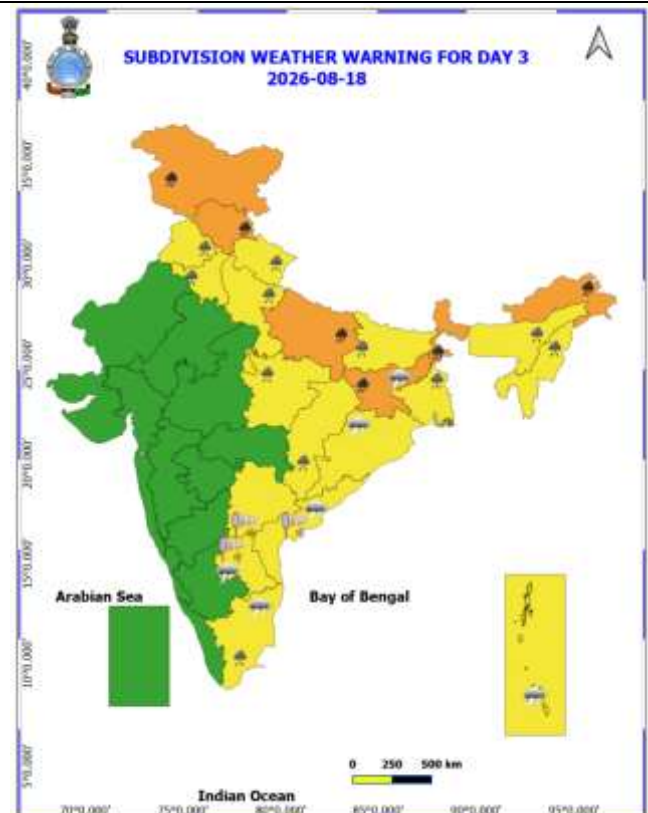
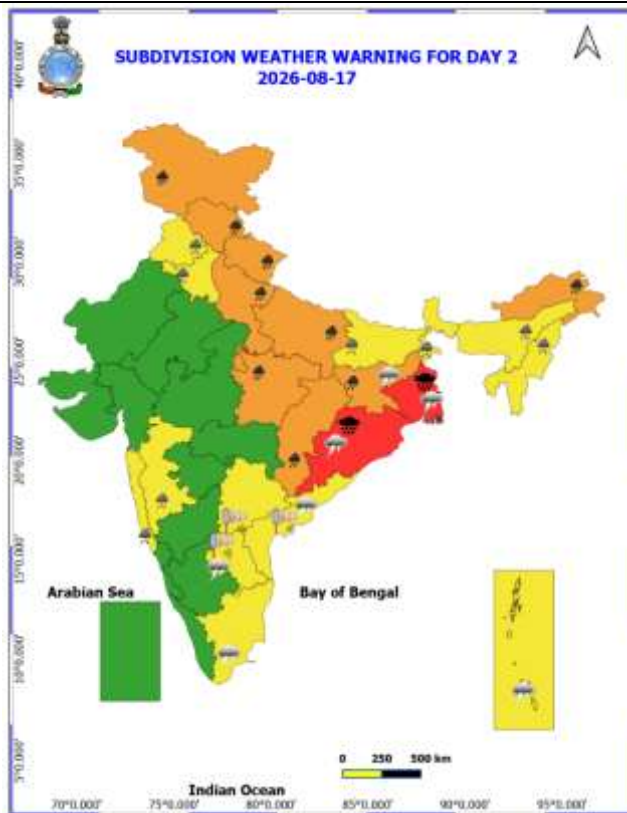
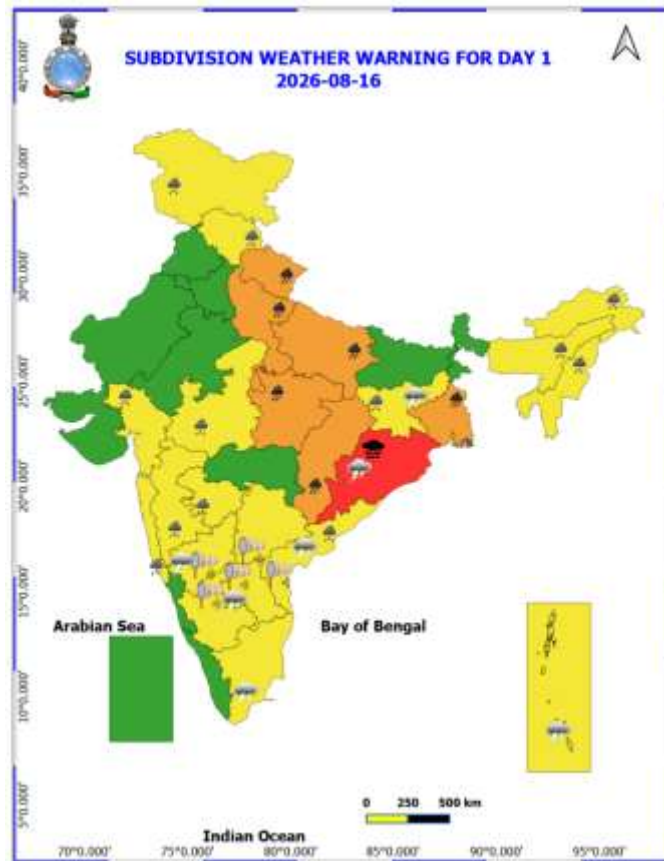
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

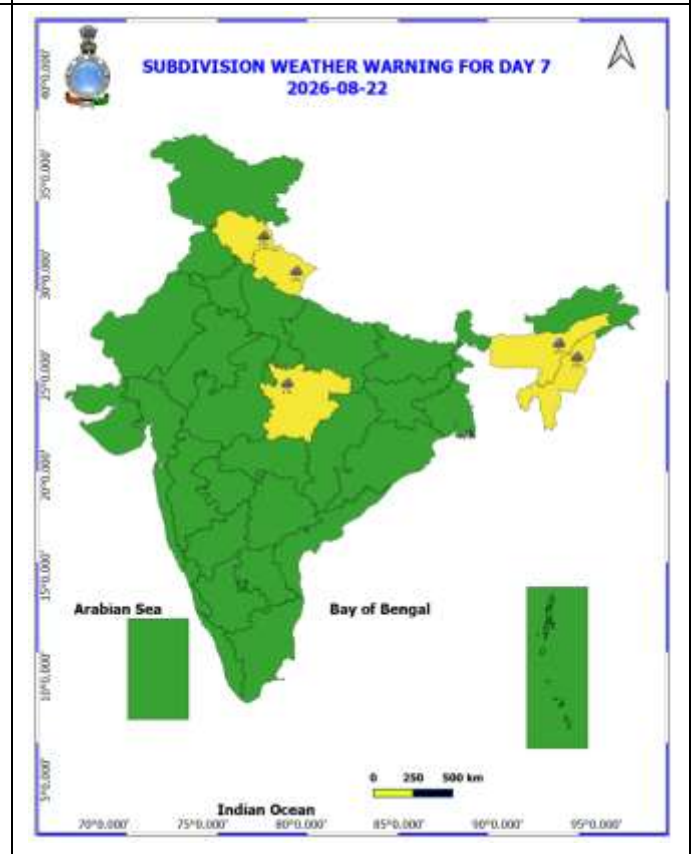
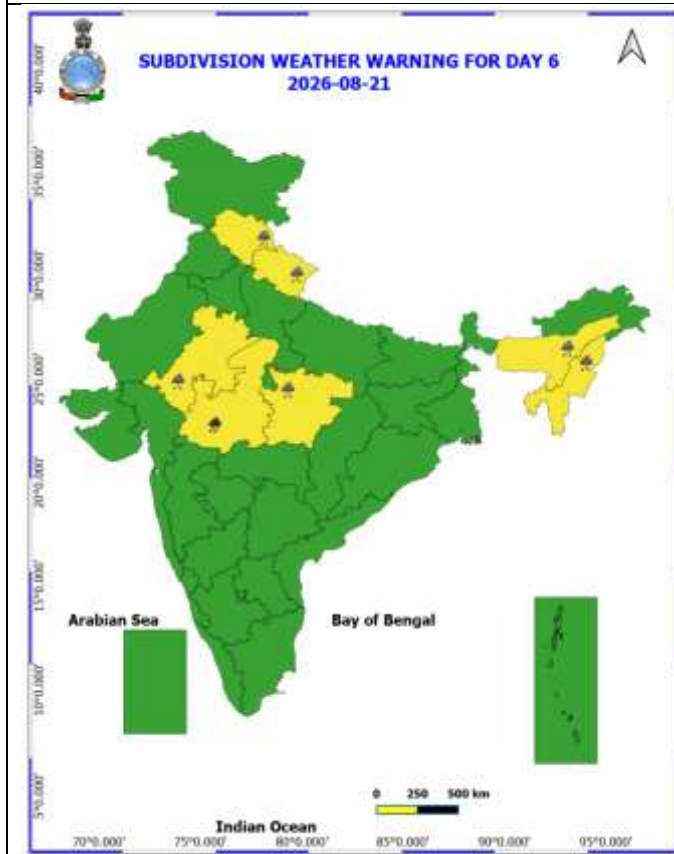
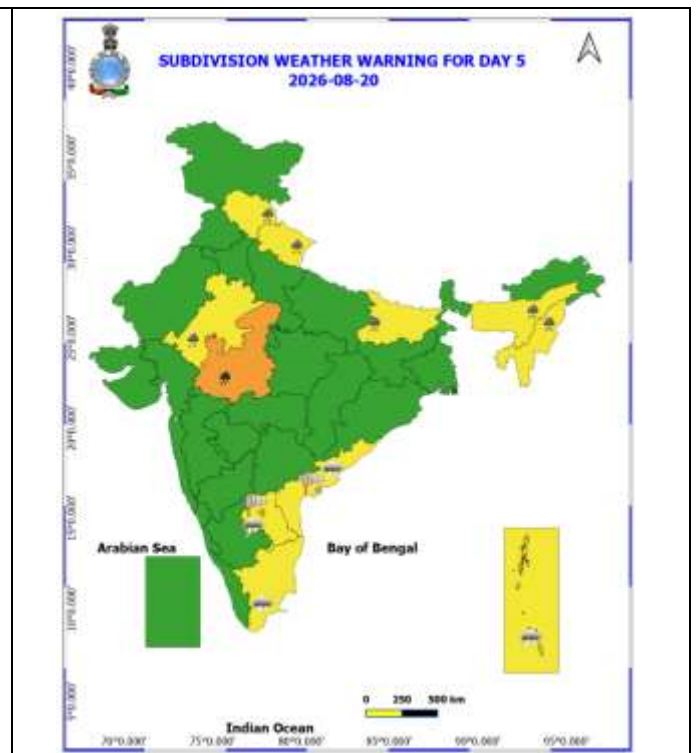
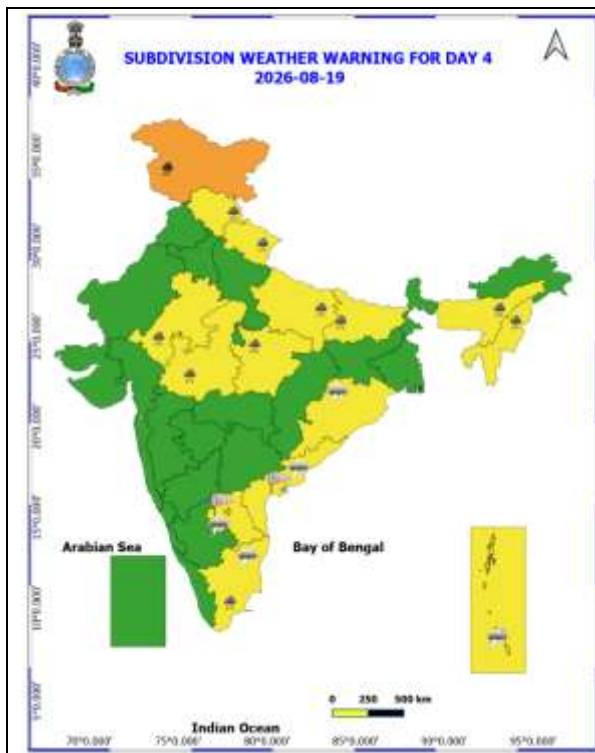
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **East Madhya Pradesh:** Umaria 21
- ❖ **East Uttar Pradesh:** Nighasan (Kheri) 19
- ❖ **West Uttar Pradesh:** Rath (Hamirpur) 16
- ❖ **East Rajasthan:** Bari (Dholpur) 14
- ❖ **Odisha:** Keonjhar 14
- ❖ **West Madhya Pradesh:** Biaora (Rajgarh) 11
- ❖ **Himachal Pradesh:** Dharamsala 11
- ❖ **Uttarakhand:** Didihat 10
- ❖ **Chhattisgarh:** Korba 9
- ❖ **Assam:** Badatighat 9
- ❖ **Madhya Maharashtra:** Koyna-Navja (Satara) 8
- ❖ **Jharkhand:** Gumla 7.

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

There has been rise in maximum temperatures by 3-4 °C and rise in minimum temperatures by 1-2 °C over Delhi during past 24 hours. The maximum temperatures were 34-35°C and the minimum temperatures are in the range 24-28°C respectively during past 24 hours over Delhi. The minimum temperatures are above normal (1.6°C to 3.0°C) at isolated places and normal (-1.5°C to 1.5°C) 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 20 kmph from the southwest direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 20 kmph likely to prevail from the west direction over the region in the forenoon today.

Weather Forecast:

16.08.2026: Generally cloudy sky. One or two spells of very light to light rain 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 most places over Delhi. The predominant surface wind is likely to be from the southwest direction with surface wind speed reaching up to 20 kmph during the afternoon. The wind speed will decrease becoming up to 15 kmph from the west direction during evening and night.

17.08.2026: Generally cloudy sky. One or two spells of very light to light rain during early morning to afternoon. Another spell of very light to light rain towards evening to 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 most places over Delhi. The predominant surface wind is likely to be from the west 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 southwest direction during afternoon. The wind speed will increase becoming up to 18 kmph from the southwest direction during evening and night.

18.08.2026: Generally cloudy sky. One or two spells of very light to light rain during early morning to afternoon. Another spell of very light to light rain towards 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 near normal (-1.5°C to 1.5°C) at most places over Delhi, 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 northwest 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 southeast direction during evening and night.

19.08.2026: Generally cloudy sky. Possibility of One or two spells of very light 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 near normal (-1.5°C to 1.5°C) at most places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast 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 Odisha on 16th & 17th and Gangetic West Bengal 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 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 banana, papaya and young horticultural plants. Protect tomato, chilli and brinjal nurseries and postpone rice and horticultural crop transplanting in waterlogged fields until suitable soil conditions are restored.
- **In Gangetic West Bengal**, maintain continuous and effective drainage in Aman rice, jute and vegetable fields and promptly 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 crops, tea leaves and vegetables wherever field conditions permit, keeping the produce in a safe and dry place.
- **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 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 after rainfall.
- **In Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in standing crop fields and prevent water stagnation in rice, soybean, black gram, ginger, turmeric, cole crops and vegetables. Postpone field operations, fertilizer and plant protection measures during wet conditions and provide staking/support to vulnerable crops wherever required.
- **In Andaman & Nicobar Islands**, maintain proper drainage in paddy and plantation crops and remove excess water from low-lying fields. Provide support to banana and other vulnerable crops and avoid fertilizer and plant protection operations during rainfall.
- **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 from heavy rain and maintain proper drainage in rice and vegetable fields.
- **In Jharkhand**, maintain proper drainage in maize, pigeon pea and other standing crops. In areas where sowing of pigeon pea is not yet completed, postpone sowing until suitable soil conditions prevail.
- **In Jammu & Kashmir**, prevent water stagnation in pulses and vegetable fields and provide proper support to cucurbit plants. Ensure effective drainage in maize fields.
- **In Himachal Pradesh**, keep drainage channels in ginger and turmeric fields clear and functional and ensure prompt removal of excess rainwater from maize fields.

- **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 West Uttar Pradesh**, drain out excess water from 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 East Uttar Pradesh**, drain out excess water from paddy and other crop fields and undertake nursery raising of brinjal, chilli and early cauliflower and sowing of cucurbits and okra only where field conditions permit.
- **In Bihar**, ensure proper drainage of excess rainwater from 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 Punjab**, maintain proper drainage in standing crop fields and avoid irrigation, fertilizer application and plant protection operations. Resume field operations only when soil conditions become suitable.
- **In Haryana, Chandigarh and Delhi**, maintain proper drainage in standing crop fields and remove excess water promptly. Postpone irrigation, fertilizer application and plant protection operations during rainfall.
- **In West Madhya Pradesh**, maintain proper drainage in soybean, maize, cotton, sugarcane and vegetable fields and remove excess water 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 East Madhya Pradesh**, ensure proper drainage in standing crops and provide staking/support to vegetables and tall crops to minimize lodging. Postpone field operations and fertilizer/plant protection applications in waterlogged fields until suitable conditions return.
- **In Chhattisgarh**, ensure proper drainage in rice, maize, groundnut, minor millets and pulses fields and other standing crop fields. Provide staking to creeper vegetables such as bitter gourd, bottle gourd and other cucurbits. Postpone fresh transplantation of rice in lowland areas and undertake pending sowing of black gram only after rainfall when soil conditions permit.
- **In Konkan and Goa**, maintain proper drainage in rice, turmeric, groundnut, finger millet, proso millet, vegetable fields and orchards. Remove excess rainwater from low-lying areas and prevent water stagnation. Undertake field operations only where soil conditions permit.
- **In Madhya Maharashtra**, drain out excess water from rice, groundnut, vegetable and other standing crop fields and keep drainage channels clear. Postpone fertilizer and plant protection operations during rainfall and resume field operations only when soil conditions become suitable.
- **In Coastal Andhra Pradesh**, maintain proper drainage in paddy and other standing crop fields and remove excess water from low-lying areas. Provide support to banana, papaya and vegetable crops against lodging.

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.

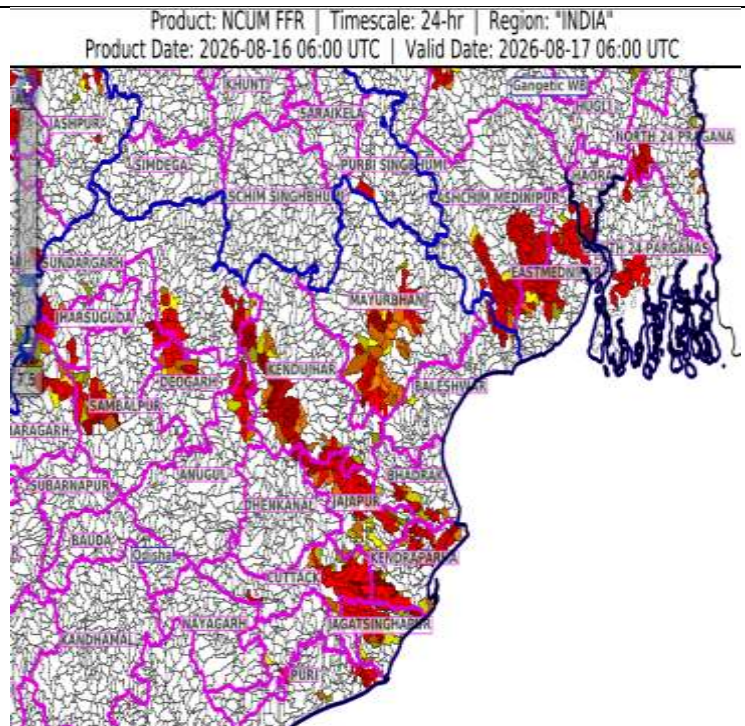
Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 17-08-2026:

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Odisha - Angul, Bargarh, Cuttack, Deogarh, Jagatsinghpur, Jajpur, Jharsuguda, Kendrapara, Keojhargarh, Mayurbhanj, Puri and Sambalpur districts.

Gangetic West Bengal - East Midnapore, Howrah, Jhargram, North 24 Parganas, South 24 Parganas and West Midnapore 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.

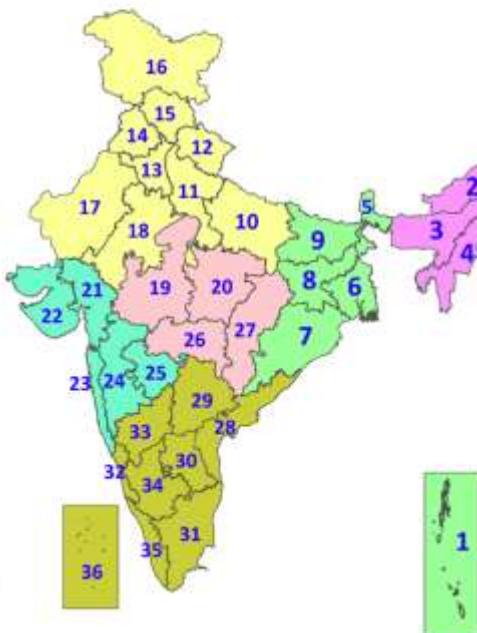


Legends & abbreviations:

- ❖ **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 Strom: Wind speed > 220 kmph (> 119 knots)

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599

(Service to the Nation since 1875)