



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 08th April 2026
Time of Issue: 1345 hours IST

Subject: (i) Due to an active western disturbance, intense rainfall spell with hailstorm activity likely to continue over northwest India and Madhya Pradesh on today, the 08th April.

(ii) Light to moderate rainfall with hailstorm, thunderstorm & lightning activity likely to continue over east India on 08th April.

(iii) Day temperatures are likely to remain below normal to near normal over most part of northwest, central & east India during next 3-4 days and gradual become above normal thereafter.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 08th April, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded at isolated places over Odisha
- ❖ **Heavy rainfall (7-11 cm)** has been recorded at isolated places over Himachal Pradesh, Assam, Sub-Himalayan West Bengal, Coastal Andhra Pradesh and Jammu & Kashmir.
- ❖ **Hailstorm activity** reported at isolated places over Uttarakhand, Assam, West Bengal & Sikkim, Jharkhand, Odisha, Punjab, West Uttar Pradesh and West Madhya Pradesh.
- ❖ **Thunderstorm accompanied with Squally/Gusty winds** with speed **30-80 kmph** prevailed at isolated places over Uttarakhand, Himachal Pradesh, Punjab, Haryana, West Rajasthan, Konkan & Goa, Madhya Maharashtra, Marathwada, Gujarat Region, Saurashtra & Kutch, West Madhya Pradesh, East Madhya Pradesh, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Sub Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Jammu Kashmir Ladakh Gilgit Baltistan Muzaffarabad, West Uttar Pradesh, East Uttar Pradesh.

Temperature Conditions during past 24 hours till 0830 hours IST of today:

- ❖ **Maximum/day temperatures were in the range (34°C- 40°C):** Over the most part of the country except Western Himalayan region & adjoining plains of Northwest India and Northeast India. **The highest maximum temperature of 42.2°C was reported at Vellore (Tamil Nadu).**
- ❖ **Maximum Temperatures/day temperatures** were appreciably above normal (3.1°C to 5.0°C) at isolated places over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal. above normal (1.6°C to 3.0°C) at few places over Sub Himalayan West Bengal & Sikkim and Lakshadweep; at isolated places over Assam & Meghalaya, Odisha, Bihar, Telangana, Rayalaseema, South Interior Karnataka and Kerala & Mahe. near normal(-1.5°C to 1.5°C) at many places over Konkan & Goa and Coastal Karnataka; at most places over Andaman & Nicobar Islands; at few places over Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, Jammu Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad, East Madhya Pradesh, Madhya Maharashtra, Chhattisgarh and North Interior Karnataka; at isolated places over Gangetic West Bengal, West Uttar Pradesh, Himachal Pradesh, East Rajasthan, Saurashtra & Kutch, Marathwada and Vidarbha.
- ❖ **Minimum/night temperatures were in the range of 12-18°C** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Sub-Himalayan West Bengal, Assam, Mizoram. They were in the range of **18-25°C** over remaining parts of the plains of the country. Today, the lowest minimum temperature of **12.2 °C** is observed at **Bathinda (Punjab)** over the plains of India.
- ❖ **Minimum/night Temperature were above normal (1.6°C to 3.0°C)** over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Gujarat State, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal, Rayalaseema, Madhya Maharashtra and West Madhya Pradesh; **appreciably below normal (-5.0°C to -3.1°C)** over Delhi, Rajasthan, Gangetic West Bengal, Odisha, Vidarbha, Telangana; **below normal (-3.0°C to -1.6°C)** over Punjab, Haryana, Uttar Pradesh, East Madhya Pradesh, Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Tripura and near normal over rest parts of the country.

Weather Systems, Forecast and Warnings (refer to ANNEXURE I & II):

- ❖ The **Western Disturbance** as a cyclonic circulation over north Pakistan adjoining Jammu & Kashmir in lower & upper tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northwest Uttar Pradesh & neighbourhood in lower tropospheric levels.
- ❖ An **East-west trough** from northwest Uttar Pradesh to Manipur in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Chhattisgarh & neighbourhood lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over southwest Rajasthan & adjoining south Pakistan in lower tropospheric level.
- ❖ A **fresh Western Disturbance** is likely to affect Western Himalayan Region from 11th April, 2026.

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

Northwest India:

- ❖ **Widespread** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 Kmph) likely over Jammu-Kashmir, Himachal Pradesh & Uttarakhand on 8th April; **Isolated to Scattered** light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 Kmph) likely over Jammu-Kashmir during 09th- 11th April, Himachal Pradesh & Uttarakhand on 09th April; **Isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 Kmph) likely over Punjab, Haryana, Chandigarh, Delhi, Uttar Pradesh & East Rajasthan on 08th April.
- ❖ **Isolated hailstorm activity** also likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi and Uttar Pradesh on 8th April.
- ❖ **Isolated heavy rainfall** likely over Uttarakhand on 8th April.

Northeast India:

- ❖ **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning gusty winds** (speed reaching 30-50 kmph) likely over Northeast India during next 5 days.
- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 09th & 12th; Assam & Meghalaya 9th & 10th and Tripura on 8th & 9th April.
- ❖ **Isolated hailstorm activity** also likely over Meghalaya on 8th & 9th April.

East India:

- ❖ **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph gusting to 60 kmph) likely over Sub-Himalayan West Bengal & Sikkim during 9th -12th; Gangetic West Bengal, Bihar and Jharkhand on 9th; Odisha on 9th & 10th April.
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Jharkhand and Odisha on 08th April.
- ❖ **Isolated Hailstorm activity** likely over West Bengal, Sikkim, Bihar, Jharkhand, Odisha on 8th April.
- ❖ **Isolated heavy rainfall** likely over West Bengal & Sikkim and Odisha on 8th April.

Central India:

- ❖ **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 40-50 kmph) likely over Madhya Pradesh on 8th; Chhattisgarh during 8th - 9th April.
- ❖ **Isolated Hailstorm activity** likely over Madhya Pradesh & Chhattisgarh on 8th April.

South Peninsular India:

- ❖ **Isolated** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 40-50 kmph) likely over Coastal Andhra Pradesh & Yanam, Rayalaseema on 8th with lightning over Tamil Nadu and Telangana on 8th April.

Forecast of maximum/day temperatures:

- ❖ No significant change in maximum temperatures likely over Western Himalayan Region during next 24 hours, thereafter Gradual rise in maximum temperatures by 6-8 °C likely over region during 09th -14th April.

- ❖ No significant change in maximum temperatures likely over plains Northwest India during next 24 hours except Uttar Pradesh where it will fall by 2-4 °C, thereafter gradual increase likely by 8-10 °C over the region during 09th -14th April.
- ❖ No significant change in maximum temperatures likely over Central India during next 24 hours and gradual rise by 3-5°C likely during 09th -14th April.
- ❖ No significant change in maximum temperatures likely over East India till 09th; thereafter gradual rise by 4-6°C likely during 10th --14th April.
- ❖ No significant change in maximum temperatures likely over Gujarat State during next 24 hours and gradual rise by 2-4°C during 09th -14th April.
- ❖ **Gradual rise** in maximum temperatures likely over Maharashtra by 2-3°C till 11th and no significant change during 12th -14th April.
- ❖ No significant change in maximum temperatures likely over rest parts of the country.
- ❖ **Overall, Day temperatures are likely to remain below normal to near normal over most part of northwest, central & east India during next 3-4 days and gradually become above normal thereafter.**

Hot & Humid weather Warnings:

- ❖ **Hot & humid conditions** very likely to prevail in isolated pockets over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe on 8th & 9th; Konkan & Goa on 10th & 11th and coastal areas of Gujarat state during 11th -14th; Odisha during 12th -14th; Coastal Karnataka during 9th -11th April

Fishermen Warning:

Fishermen are advised not to venture into the following areas during 08th April to 13th April, 2026:

Bay of Bengal: Along and off Gangetic west Bengal adjoining north Odisha coasts during on 08th April.

Arabian Sea: Over Gulf of Khambhat on 08th April.

Weather conditions and forecast over Delhi/NCR during 08th-11th April, 2026 (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/fishermen-warning.php>

Significant rainfall recorded (in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today):

- ❖ **Assam:** Dhemaji 7
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Sankos T.E. 8
- ❖ **Odisha:** Chilka 14
- ❖ **Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad:** SMVD Bhawan 8, Argrajori 5
- ❖ **Himachal Pradesh:** Renukaji (Sangrah) 7

Gusty winds (in kmph) (from 0830 hours IST of yesterday to 0830 hours IST of today):

Uttarakhand: Kashipur/Ranichauri43, Bharsar/Champawat/Pantnagar35, Maldevta30

Himachal Pradesh: Tabo37

Punjab: Bathinda 43, Sangrur 41, Patiala 39, Mohali 44

Haryana: Ujha (Panipat) 74, Panchkula 41

West Rajasthan: Bikaner (37)

Konkan & Goa: Karjat (Raigad) 43

Madhya Maharashtra: Kalwan (Nashik) 43, Shahada (Nandurbar) 43

Marathawada: Ambejogai (Beed) 37

Gujarat Region: 54 Dantiwada, Tharad (Banaskantha)

Saurashtra & Kutch: 89 Dwarka

West Madhya Pradesh: Morena 52

East Madhya Pradesh: Satna 52

Arunachal Pradesh: Bomdila 57, Kalaktang 48, Lowertato 39, Raga 37, Ziro_Manipolyang 35

Assam & Meghalaya: Panchgram_Aegcl 72, Manas 54, Chirang 52, Vcbc_Rani 50, Gauhati_University 48, Cacher_Kvk 46, Nalbari 44, Bajali_University 43, Guwahati 41, Algapur_Circle 35, Samaguri_Aegcl 35, Boko_Aegcl 33, Down_Town_University 33, Silchar_Jns_College 33, Umlapher 33, Dibrugarh 31, Amingaon 31, Barpeta_Kvk 31, Lakhimpur 31, Gauripur_Aegcl 31, Jowai 43

Nagaland, Manipur, Mizoram & Tripura: Thonoknyu 33, Sakshi 44, Kohima 37, Wokha 63, Jalukie 55

Gangetic West Bengal: Dum Dum 81; Amta 80; Asansol 63; Gangasagar, Durgapur 57; Barrackpore 56; Purulia 50; Kalyani, Agarpara, Digha 48; Jagatballavpur 46; Nimpith 44; Uluberia, Bijpur 43

Sub Himalayan West Bengal & Sikkim: Pundibari 41

Odisha: Balasore 56

Jharkhand: East Singhbhum 76

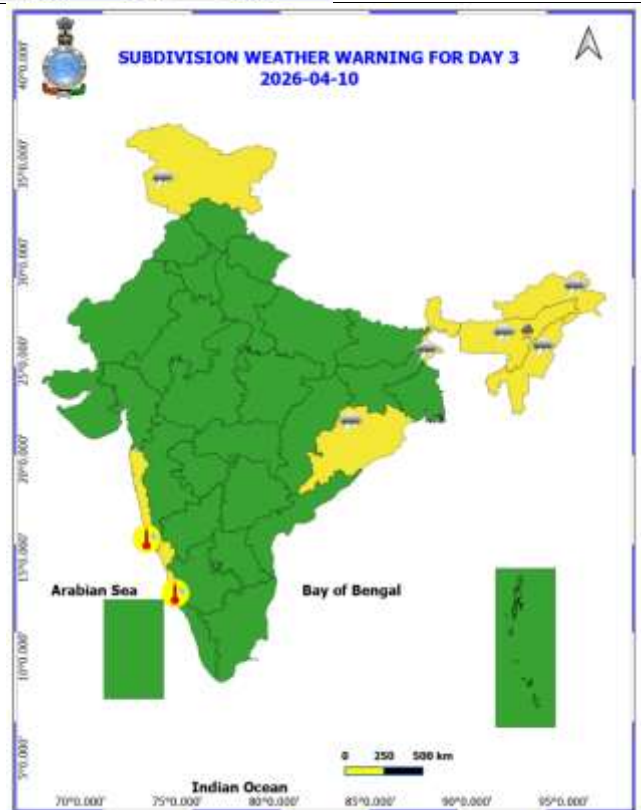
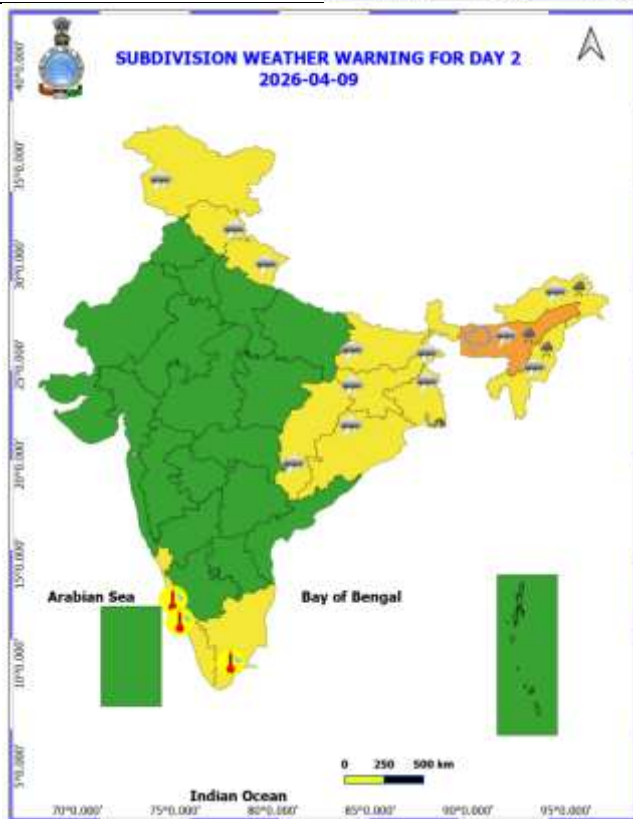
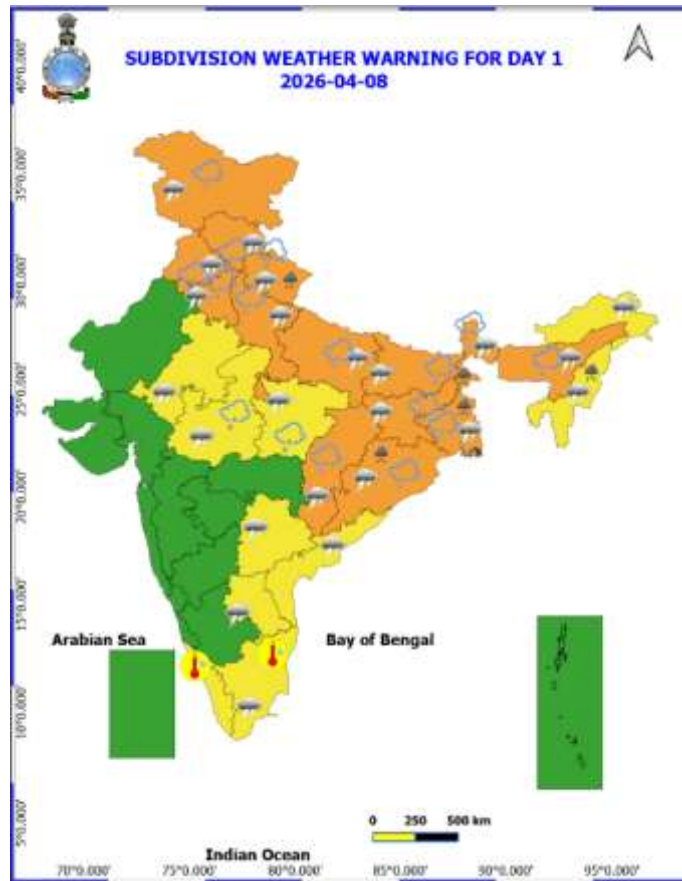
Jammu Kashmir Ladakh Gilgit Baltistan Muzaffarabad: Gulmarg 102, Jammu 43, Samba 39, Poonch 30, Kupwara_Kvk 30

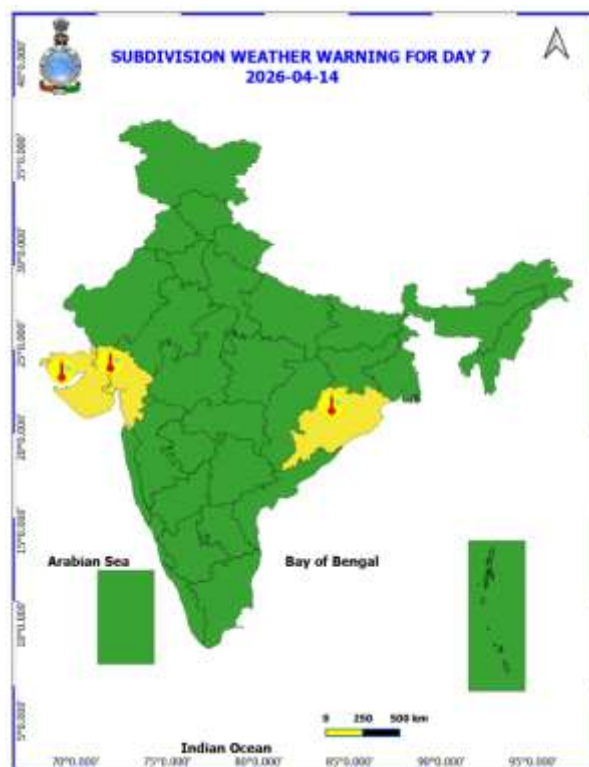
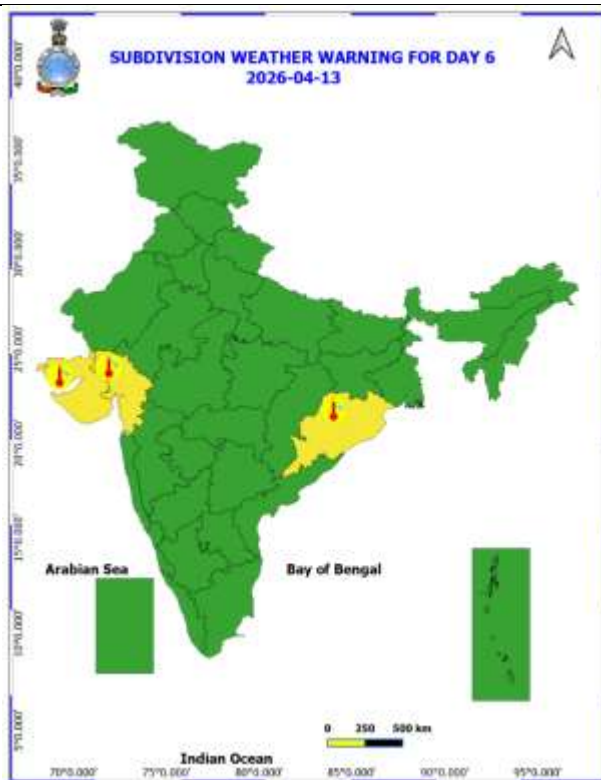
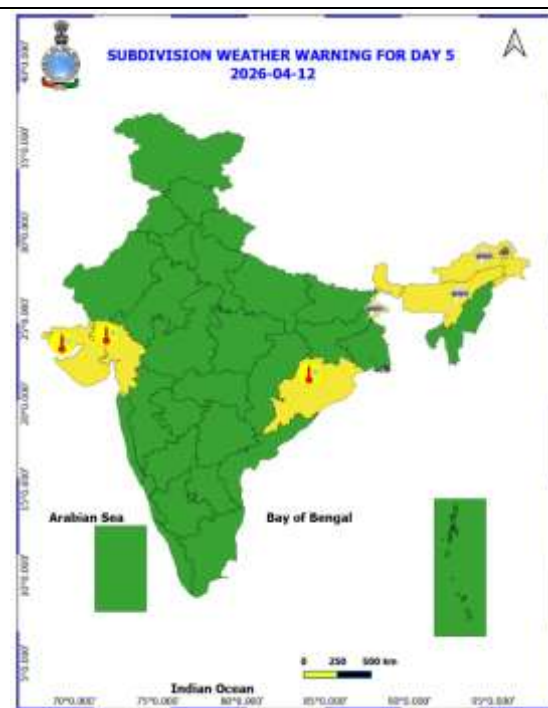
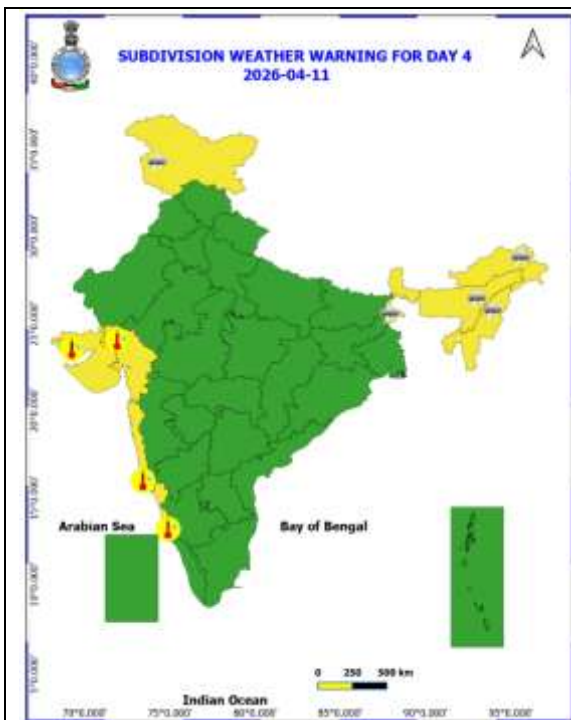
West Uttar Pradesh: Agra (IAF)65, Aligarh 56, Bareilly (IAF)50, Bareilly & Sarsawa (IAF)33 Each

East Uttar Pradesh: Kanpur (IAF) 70, Prayagraj (IAF)63, Varanasi 52, Azamgarh & Lucknow 46 Each, Prayagraj 37, Fursatganj 37

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

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

Weather forecast over Delhi/NCR during 08th April to 11th April 2026

Past Weather:

There has been fall in minimum temperatures up to 2-4°C and fall in maximum temperatures up to 4-6°C during the past 24 hours over Delhi. The maximum temperatures were in the range of 28-29°C and the minimum temperatures were in the range of 15-17°C respectively during the past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at many places and below normal (-1.6°C to -3.0°C) at a few places over Delhi. The maximum temperatures were markedly below normal (-5.1°C or less) at most places over Delhi. Generally cloudy sky with surface wind speeds up to 20 kmph gusting to 56 kmph from southeast direction prevailed during the past 24 hours. During the past 24 hours, light to very light rain was observed at most places across Delhi. Partly cloudy sky with surface winds speed up to 10 kmph likely to be prevailed from southwest direction over the region in the forenoon today.

Weather Forecast:

08.04.2026: Generally cloudy sky. A spell of very light/light rain accompanied by thunderstorm/lightning and surface winds of 30-40 kmph gusting to 50 kmph during the evening/night. The maximum temperatures over Delhi are likely to be in the range of 27°C to 29°C. The maximum temperatures will be markedly below normal (-5.1°C and below) over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will gradually decrease becoming less than 15 kmph from the east direction during the evening and night.

09.04.2026 Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°C and 14°C to 16°C respectively. The minimum temperature will be markedly below normal (-5.1°C and below) at isolated places with appreciably below normal (-3.1°C to -5.0°C) in the remaining parts over Delhi, and the maximum temperature 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 10 kmph during the morning hours. The wind speed will increase becoming up to 16 kmph from the north direction during the afternoon. The wind speed gradually increases becoming more than 20 kmph from the north direction during the evening and night.

10.04.2026: Mainly clear sky. Strong surface wind speed 20-30 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 16°C to 18°C respectively. The minimum temperature will be appreciably below normal (-3.1°C to -5.0°C) at many places, and the maximum temperature will be below normal (-1.6°C to -3.0°C) over Delhi. The predominant surface wind is likely to be from the northwest direction with wind reaching up to 20 kmph during the morning hours. The wind speed will increase up to 25 kmph from the northwest direction during the afternoon. The wind speed will gradually decrease becoming less than 15 kmph from the north direction during the evening and night.

11.04.2026: Mainly clear sky. Strong surface wind speed 20-30 kmph during the day. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 17°C to 19°C respectively. The minimum temperature will be below normal (-1.6 to -3.0°C), and the maximum temperature will be near normal (-1.5 to 1.5°C) over Delhi. The predominant surface wind is likely to be from the west direction with surface wind speed reaching up to 15 kmph during the morning hours. The wind speed will increase becoming more than 25 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the north direction during the evening and night.

Impact expected and Action Suggested due to thunderstorm with lightning/gusty winds:

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorms/lightning and gusty winds (speed 30 – 50 kmph) temporarily reaching 60 kmph during thunderstorms with dust rising surface winds.
- Breaking of tree branches, uprooting of large avenue trees, Large dead limbs blown from trees, Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.
- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly, stay indoors, close windows & doors and avoid travel, if possible, take safe shelters; do not take shelter under trees, do not lie on concrete floors and do not lean against concrete walls, unplug electrical/ electronic appliances, immediately get out of water bodies, keep away from all the objects that conduct electricity.

Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ **Isolated hailstorm activity** also likely over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi and Uttar Pradesh on 8th; Meghalaya on 8th & 9th; West Bengal, Sikkim, Bihar, Jharkhand, Odisha on 8th; West Madhya Pradesh & Chhattisgarh on 8th April.
- ❖ **Thundersquall (wind speed reaching 60-70 kmph gusting to 80 kmph)** likely over Gangetic West Bengal on 08th April.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Jharkhand and Odisha on 08th April.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

Impact Expected & Action Suggested due to heavy rainfall over

- ❖ **Isolated heavy rainfall** likely over Arunachal Pradesh on 09th & 12th; Assam & Meghalaya 9th & 10th and Tripura on 8th & 9th; West Bengal & Sikkim and Odisha and Uttarakhand on 8th April.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Hailstorms

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **West Bengal & Sikkim, Odisha, Jharkhand, Bihar, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Uttar Pradesh, West Madhya Pradesh and Chhattisgarh.**
- Undertake harvesting of matured crops, fruits and vegetables immediately and shift them to safer places.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, ensure proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards. Harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places.
- In **Assam**, make necessary arrangements to remove excess rainwater from the crop fields.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and cover the young vegetable seedlings.
- In **West Bengal**, harvest matured crops and vegetables immediately and store them in a dry, safe place to prevent damage. Drain out excess rainwater from the standing crop and vegetable fields.
- In **Odisha**, keep the harvested produce of green gram, black gram, mustard, groundnut and black pepper in the safe places. Drain out excess rainwater from the standing crops, vegetables and fruit orchards.

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 properly and cover them to minimise the risk of displacement due to 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

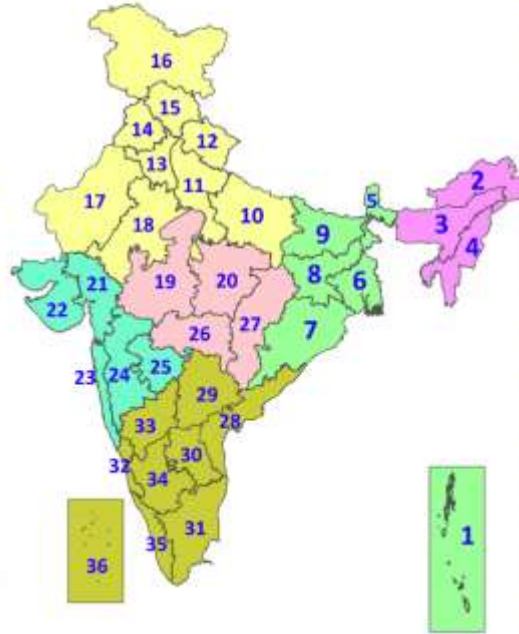
- Keep the animals inside the shed during heavy rainfall / hailstorm and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Legends & abbreviations:

- ❖ **Heavy Rain:**64.5-115.5mm; **Very Heavy Rain:**115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, 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 *	<p>Heavy: 64.5 to 115.5 mm/cm *</p> <p>Very Heavy: 115.6 to 204.4 mm/cm*</p> <p>Extremely Heavy: > 204.4 mm/cm *</p>
Heat Wave	<p>When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions</p> <p>(a) Based on Departure from normal</p> <p>Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C.</p> <p>Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$</p> <p>(b). Based on Actual maximum temperature</p> <p>Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$.</p> <p>Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$</p> <p>(c). Criteria for heat wave for coastal stations</p> <p>When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$</p>
Warm Night	<p>When maximum temperature remains 40°C</p> <p>Warm Night: When minimum temperature departure 4.5°C to 6.4°C.</p> <p>Severe Warm Night: When minimum temperature departure $>6.4^{\circ}\text{C}$.</p>
Cold Wave	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions.</p> <p>(a). Based on departure</p> <p>Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p> <p>(b) Based on actual Minimum Temperature (for Plains only)</p> <p>Cold Wave : When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$</p> <p>Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$</p> <p>(c) For Coastal Stations</p> <p>When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$</p>
Cold Day	<p>When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions</p> <p>Based on departure</p> <p>Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C.</p> <p>Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$</p>
Fog	<p>Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$</p> <p>Moderate Fog: When the visibility between 500-200 metres</p> <p>Dense Fog: when the visibility between 50- 200 metres</p> <p>Very Dense Fog: when the visibility < 50 metres</p>
Thunderstorm	<p>Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)</p>
Dust/Sand Storm	<p>An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.</p>
Frost	<p>Ice deposits on ground</p> <p>Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)</p>
Squall	<p>A strong wind that rises suddenly, lasts for atleast 1 minute.</p> <p>Moderate: Wind speed 52-61 kmph</p> <p>Severe: Wind speed 62-67 kmph</p> <p>Very Severe: Wind speed >67 kmph</p>
Sea State	<p>Effect of various waves in the sea over specific area</p> <p>Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre</p> <p>High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre</p> <p>Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre</p>
Cyclone	<p>Cyclonic Storm: Wind speed 62-67 kmph (34-47 knots)</p> <p>Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)</p> <p>Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)</p> <p>Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)</p> <p>Super Cyclone Storm: Wind speed >220 kmph (>119 knots)</p>

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