



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 01st August 2026

Time of Issue: 1330 hours IST

Subject: (i) Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Gujarat State, Kerala & Mahe, Coastal Karnataka and South Interior Karnataka on today, the 1st August, 2026 and significant reduction thereafter.

(ii) Isolated heavy to very heavy over northeast and isolated heavy falls likely over northwest India during the week.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 01st August, 2026:

- ❖ **Exceptionally heavy rainfall (≥ 30 cm)** has been recorded at isolated places over Gujarat Region
- ❖ **Extremely heavy rainfall (≥ 21 cm)** has been recorded over Madhya Maharashtra, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka.
- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Sub-Himalayan West Bengal & Sikkim, Coastal Karnataka, Meghalaya
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Uttarakhand, West Madhya Pradesh, Konkan & Goa, Jharkhand, Lakshadweep, Nagaland

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

- ❖ The western end of **Monsoon trough** lies south of its normal position and its eastern end north of its normal position at mean sea level.
- ❖ Yesterday's **Depression** seen as a **Well-Marked Low Pressure** Area over southeast Rajasthan & neighbourhood at 0830 hrs IST of today, the 01st August, 2026. It is very likely to move west-northwestwards across South Rajasthan and weaken into a Low Pressure Area during next 24 hours.
- ❖ A **trough** runs from southwest Rajasthan to northeast Bihar in lower & middle tropospheric level.
- ❖ The **off-Shore trough** at mean sea level runs from South Gujarat to Kerala.
- ❖ An **upper air cyclonic circulation** lies over Northeast Assam & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over southeast Himachal Pradesh & neighbourhood in lower tropospheric level.
- ❖ The **Western Disturbance** as a **cyclonic circulation** over Himachal Pradesh & 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 1st-7th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Punjab during 3rd-4th August; Haryana Chandigarh & Delhi and West Uttar Pradesh during 3rd-7th August; East Uttar Pradesh during 2nd-7th August; West Rajasthan on 2nd August.
- ❖ **Isolated to Scattered** rainfall likely over remaining parts of northwest India.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 1st-7th August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Rajasthan and West Rajasthan during 1st-2nd August.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 1st-7th August.
- ❖ Isolated **heavy rainfall** likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 1st-7th August; Haryana Chandigarh & Delhi and Punjab during 2nd-4th August; West Uttar Pradesh during 3rd-5th August; East Uttar Pradesh during 2nd-6th August with isolated **very heavy rainfall** also likely over East Rajasthan and West Rajasthan during 1st-2nd August.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh on 1st August; East Madhya Pradesh during 4th-7th August; Vidarbha on 1st August and during 5th-6th August; Chhattisgarh during 3rd-7th August.
- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 2nd-7th August; East Madhya Pradesh during 1st-3rd August; Vidarbha during 2nd-4th August and on 7th August; Chhattisgarh during 1st-2nd August.
- ❖ **Isolated to Scattered** rainfall likely over remaining parts of central India.
- ❖ Isolated **thunderstorm & lightning** likely over Vidarbha during 2nd-5th August; Chhattisgarh during 1st-5th August.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh on 1st August; East Madhya Pradesh during 4th-7th August; Chhattisgarh during 3rd-7th August.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 1st-7th August; Gangetic West Bengal, Jharkhand and Odisha during 2nd-7th August; Bihar during 2nd-6th August.
- ❖ **Isolated to Scattered** rainfall likely over remaining parts of east India.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 1st-7th August; Jharkhand during 1st-5th August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gangetic West Bengal during 1st-3rd August; Bihar during 1st-7th August.
- ❖ Isolated **thunderstorm & lightning** likely over Gangetic West Bengal on 4th August; Odisha during 1st-7th August.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 1st-7th August; Sub-Himalayan West Bengal & Sikkim on 6th August; Gangetic West Bengal on 3rd August and during 5th-7th August; Jharkhand on 5th August; Bihar during 2nd-5th August; Odisha during 2nd-7th August with isolated **very heavy rainfall** also likely over Sub-Himalayan West Bengal & Sikkim during 1st-5th August.

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh on 1st August and on 4th August; Assam & Meghalaya during 1st-5th August; Nagaland, Manipur, Mizoram & Tripura during 1st-7th August.
- ❖ **Isolated to Scattered** rainfall likely over remaining parts of northeast India.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 1st-2nd August; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 1st-5th August.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 2nd-3rd August and during 5th-7th August; Nagaland, Manipur, Mizoram & Tripura during 5th-7th August with isolated **very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya on 1st August and on 4th August; Nagaland, Manipur, Mizoram & Tripura during 1st-4th August.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 1st-7th August; Madhya Maharashtra on 1st August; Gujarat Region during 1st-2nd August; Saurashtra & Kutch during 1st-3rd August.
- ❖ **Isolated to Scattered** rainfall likely over remaining parts of west India.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa during 1st-3rd August; Madhya Maharashtra during 2nd-3rd August; Gujarat Region and Saurashtra & Kutch during 1st-2nd August with isolated **very heavy rainfall** also likely over Madhya Maharashtra on 1st August.
- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Gujarat State on 01st August.**

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over North Interior Karnataka, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Telangana during 1st-7th August; Lakshadweep during 5th-7th August; Coastal Andhra Pradesh & Yanam and South Interior Karnataka during 2nd-7th August.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Coastal Karnataka and Kerala & Mahe during 1st-7th August; Lakshadweep during 1st-4th August; Coastal Andhra Pradesh & Yanam and South Interior Karnataka on 1st August.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam, Lakshadweep, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 1st-3rd August; Coastal Karnataka and Kerala & Mahe during 1st-2nd August; North Interior Karnataka on 3rd August, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior

Karnataka on 4th August; Coastal Andhra Pradesh & Yanam and Rayalaseema during 4th-5th August; Telangana during 1st-5th August.

- ❖ Isolated **heavy rainfall** likely over Kerala & Mahe on 1st August and during 5th-7th August; Coastal Andhra Pradesh & Yanam, Lakshadweep and North Interior Karnataka on 1st August; Coastal Karnataka and South Interior Karnataka on 1st August and on 3rd August with isolated **very heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal on 1st August; Coastal Karnataka, Kerala & Mahe and South Interior Karnataka on 2nd August.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over North Interior Karnataka and South Interior Karnataka during 1st-2nd August.
- ❖ Strong Surface Winds likely over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka during 1st-2nd August; North Interior Karnataka during 1st-4th August; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 1st-5th August.
- ❖ **Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Kerala & Mahe, Coastal Karnataka and South Interior Karnataka on 01st August.**

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off Somalia, Oman coasts, over most parts of westcentral adjoining some parts of southwest Arabian Sea till 06th August; along and off Gujarat coasts, Karnataka, Kerala coasts, Lakshadweep Area and Comorin area and most parts of eastcentral and adjoining some parts of north Arabian Sea and during 01st to 03rd August and few parts of east central Arabian Sea during 03rd to 06th August; Konkan & Goa on 01st August.
- ❖ **Bay of Bengal:** Along and off Sri Lanka Coast adjoining south Bay of Bengal till 06th August; over Gulf of Mannar on 01st August, over Andaman Sea during 03rd to 06th 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>

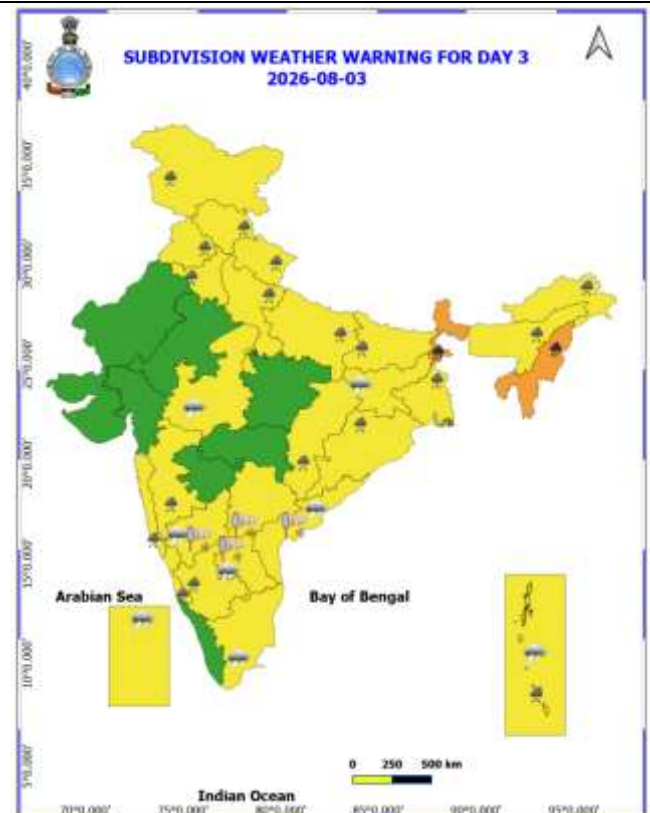
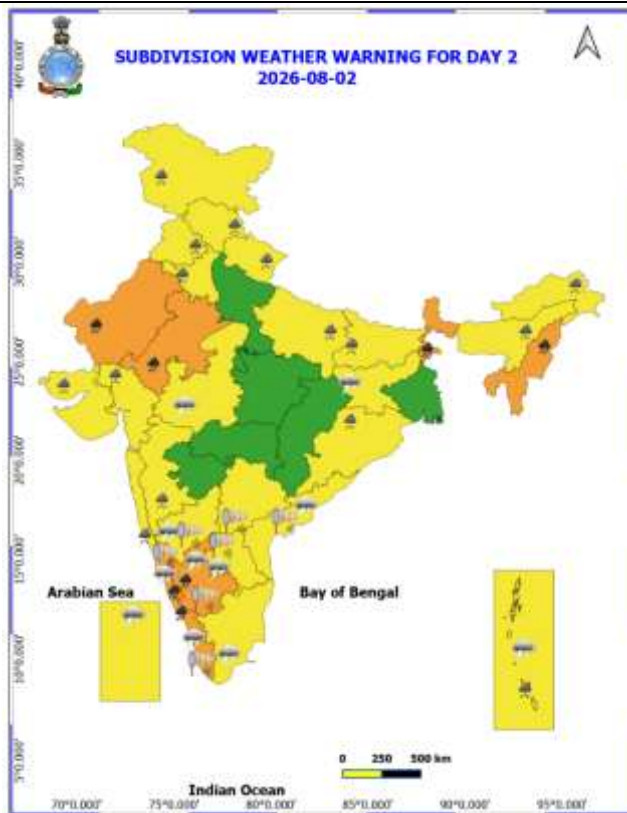
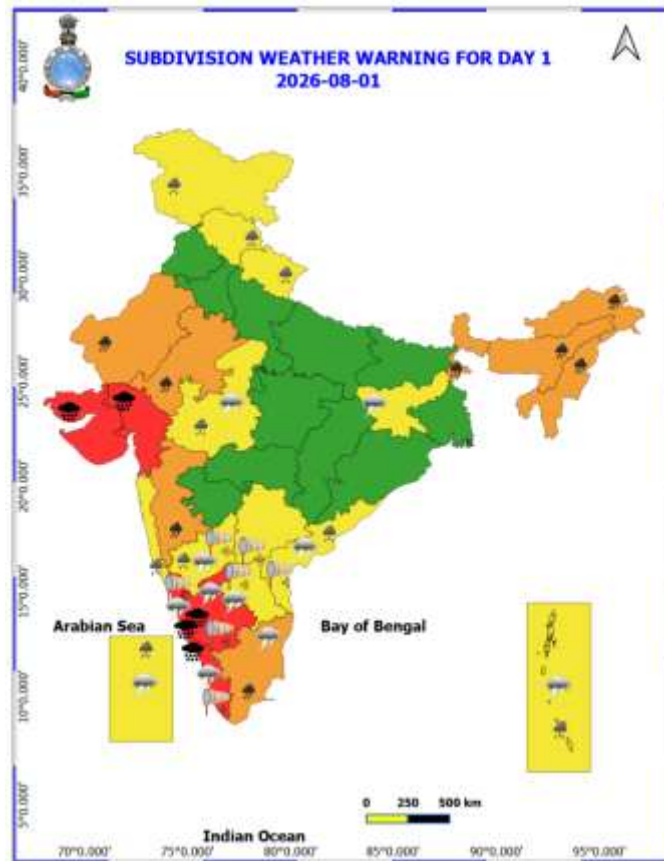
For national bulletin associated with the Depression refer https://rsmcnewdelhi.imd.gov.in/national_bulletin.php

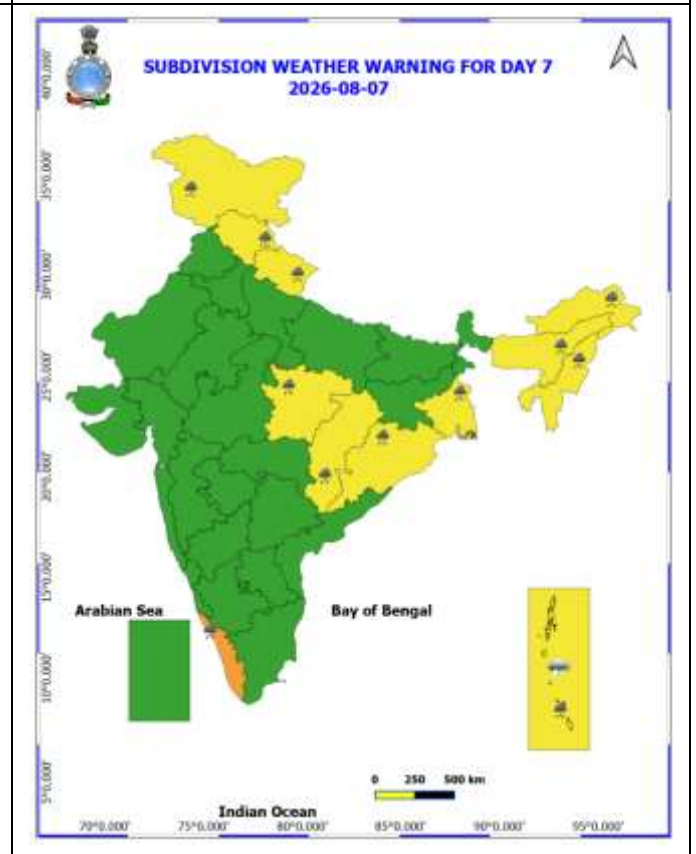
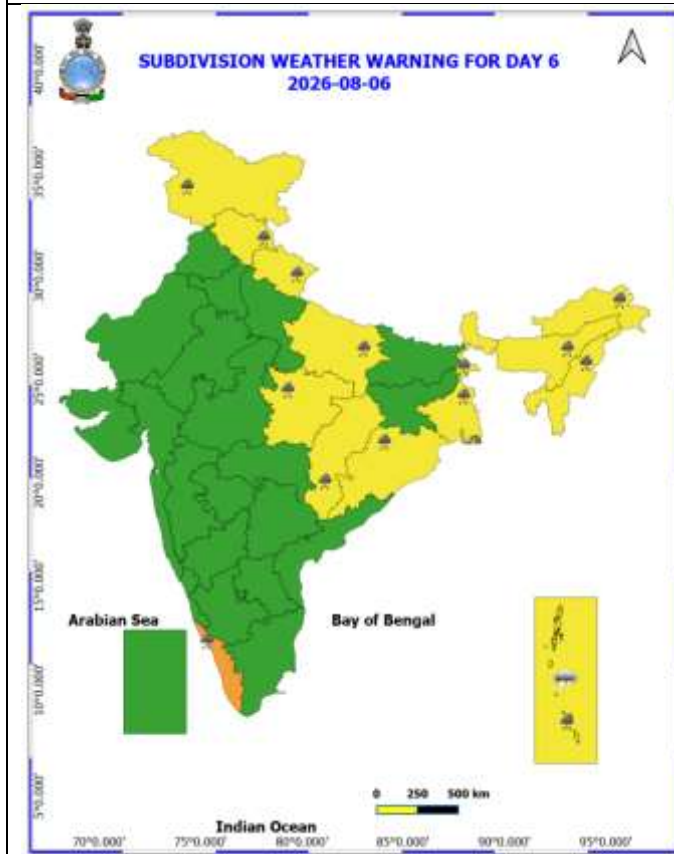
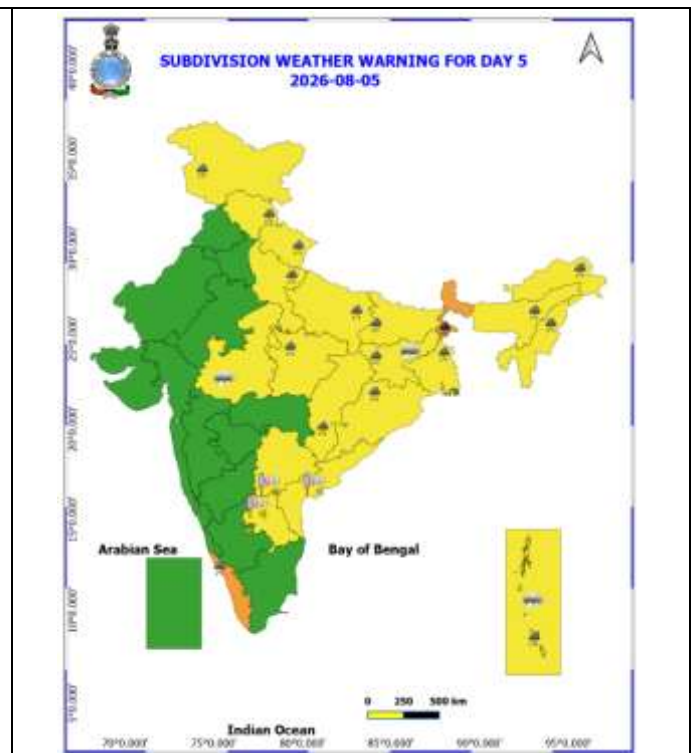
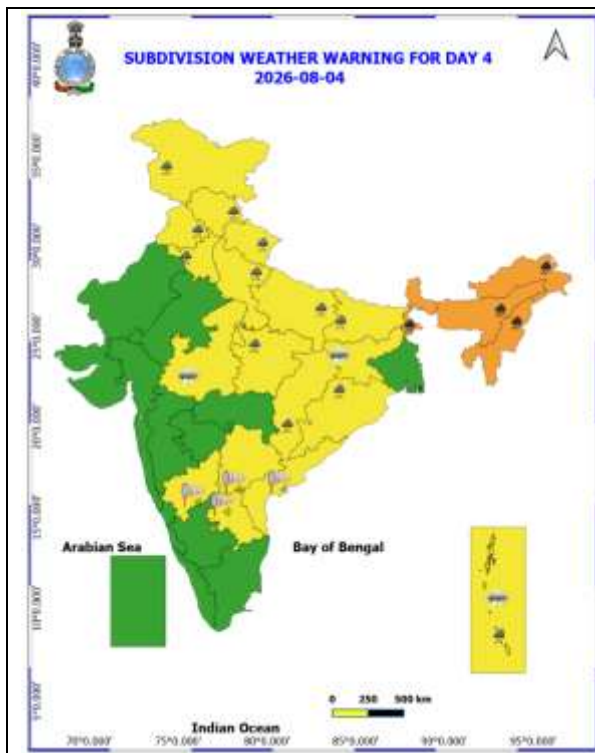
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Gujarat Region:** Ambika (Dist Surat) 61
- ❖ **Tamil Nadu, Puducherry & Karaikal:** Nalumukku (dist Tirunelveli) 29, Oothu (dist Tirunelveli) 27
- ❖ **South Interior Karnataka:** Agumbe Aws (dist Shivamogga) 27,
- ❖ **Kerala & Mahe:** Laha (dist Pathanamthitta) 25
- ❖ **Madhya Maharashtra:** Tamini-mulshi(Pune) 28
- ❖ **Meghalaya:** Khliehriat 20
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Domohani 18
- ❖ **Coastal Karnataka:** Subramanya (dist Dakshina Kannada) 16
- ❖ **West Madhya Pradesh:** Jhiranya (Khargone) 10
- ❖ **Uttarakhand:** Kirtinagar 8
- ❖ Nagaland: Kiphire 8
- ❖ **Bihar:** Kishanganj 7
- ❖ **Konkan:** Karjat (Raigad) 7
- ❖ **Lakshadweep:** Minicoy (dist Lakshadweep) 7

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	1- Aug	2- Aug	3- Aug	4- Aug	5- Aug	6- Aug	7- Aug
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	WS	WS	WS	WS
2	ARUNACHAL PRADESH	FWS	SCT	SCT	FWS	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	WS	WS	FWS	FWS	FWS	SCT	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	WS	WS	WS	WS	FWS	FWS	FWS
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	FWS
6	GANGETIC WEST BENGAL	SCT	FWS	FWS	WS	WS	WS	WS
7	ODISHA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
8	JHARKHAND	SCT	FWS	FWS	FWS	FWS	FWS	FWS
9	BIHAR	SCT	FWS	FWS	FWS	WS	FWS	SCT
10	EAST UTTAR PRADESH	SCT	FWS	WS	WS	WS	FWS	FWS
11	WEST UTTAR PRADESH	ISOL	SCT	FWS	WS	FWS	FWS	FWS
12	UTTARAKHAND	FWS	FWS	WS	WS	WS	WS	WS
13	HARYANA, CHANDIGARH & DELHI	ISOL	SCT	FWS	FWS	FWS	FWS	FWS
14	PUNJAB	ISOL	SCT	FWS	FWS	SCT	SCT	SCT
15	HIMACHAL PRADESH	WS	WS	WS	WS	WS	FWS	FWS
16	JAMMU AND KASHMIR AND LADAKH	FWS	WS	WS	WS	FWS	FWS	FWS
17	WEST RAJASTHAN	SCT	FWS	SCT	ISOL	ISOL	ISOL	SCT
18	EAST RAJASTHAN	SCT	SCT	SCT	ISOL	ISOL	SCT	SCT
19	WEST MADHYA PRADESH	FWS	SCT	SCT	SCT	SCT	SCT	SCT
20	EAST MADHYA PRADESH	SCT	SCT	SCT	FWS	FWS	FWS	FWS
21	GUJRAT REGION	WS	FWS	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	WS	WS	WS	SCT	ISOL	ISOL	ISOL
23	KONKAN & GOA	WS	WS	WS	WS	WS	WS	WS
24	MADHYA MAHARASHTRA	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	SCT	SCT	SCT	FWS	FWS	SCT
27	CHHATTISGARH	SCT	SCT	FWS	FWS	WS	WS	WS
28	COASTAL ANDHRA PRADESH	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
33	NORTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	ISOL	SCT	SCT	SCT	SCT
35	KERALA AND MAHE	WS	WS	WS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	WS	FWS	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 01st to 04th August 2026**Past Weather:**

There has been fall in maximum temperatures by 1-2°C and no large change in minimum temperatures over Delhi during past 24 hours. The maximum temperatures were in the range of 33-35°C and the minimum temperatures are in the range 25-28°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 15-20 kmph from the east direction prevailed over Delhi during past 24 hours. Generally cloudy sky. One or two spells of very light to light rain towards forenoon to noon with surface wind speeds up to 25 kmph likely to prevail from the east direction over the region in the forenoon today.

Weather Forecast:

01.08.2026: Generally cloudy sky. A spell of very light to light rain towards forenoon to afternoon at isolated places. Another spell of very light to light rain towards evening/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 southeast direction with surface wind speed reaching up to 20 kmph during the afternoon hours. The wind speed will decrease becoming up to 20 kmph from the southeast direction during evening and night.

02.08.2026: Generally cloudy sky. A spell of very light to light rain towards forenoon to afternoon at isolated places. Another spell of very light to light rain towards evening/night at isolated places. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 25°C to 27°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at many places with below normal (-1.6°C to -3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 20 kmph during the morning hours. The wind speed will decrease becoming up to 15 kmph from the southeast direction during the afternoon. The wind speed will decrease becoming up to 10 kmph from the southeast direction during evening and night.

03.08.2026: Generally cloudy sky. One or two spells of very light to light rain towards forenoon to afternoon at isolated places. Another spell of very light to light rain towards evening/night at a few places. 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 below normal (-1.6°C to -3.0°C) at most places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from southeast direction with surface wind speed reaching up to 10 kmph during the morning hours. The wind speed will increase becoming up to 15 kmph from the southeast direction during the afternoon/ evening and night.

04.08.2026: Generally cloudy sky. One or two spells of very light to light rain at a few places towards early morning to noon. Another spell of very light to light rain at many places towards evening/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 many places with appreciably below normal (-3.1°C to -5.0°C) at isolated 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 20 kmph from the northwest direction during the afternoon. The wind speed will decrease becoming up to 10 kmph from the west direction during evening and night.

Impact Expected and Action Suggested due to very heavy/extremely heavy rainfall:

- ❖ Heavy to very heavy rainfall with extremely heavy rainfall likely at isolated places over Gujarat State, Kerala & Mahe, Coastal Karnataka and South Interior Karnataka on 01st 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.

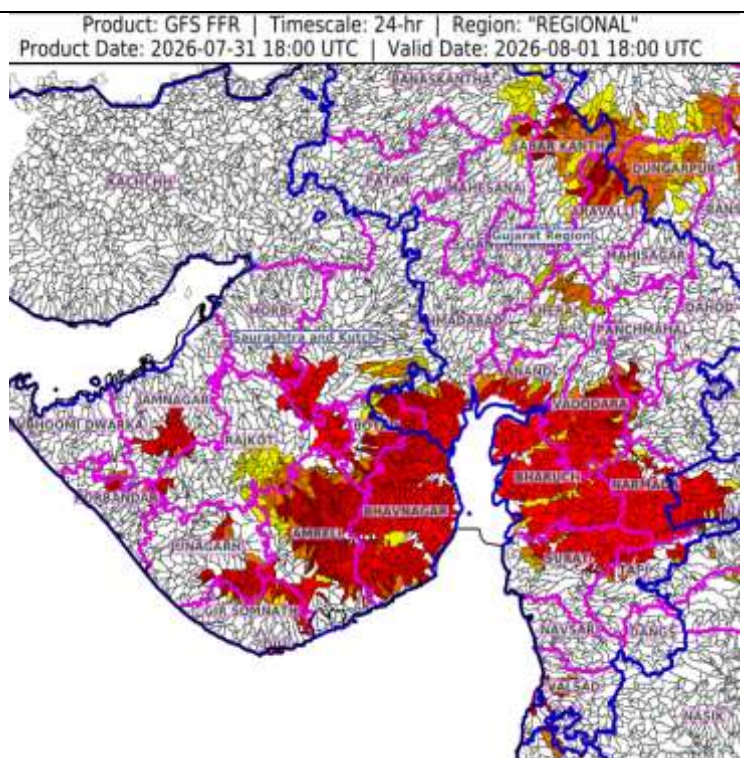
Flash Flood Guidance:

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 02-08-2026:

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

Gujarat Region - Ahmadabad, Anand, Banaskantha, Bharuch, Khera, Mahesana, Narmada, Sabar Kantha, Surat, Tapi, Vadodara and Valsad districts. Saurashtra & Kutch - Amreli, Bhavnagar, Botad, Gir Somnath, Jamnagar, Junagarh, Porbandar, Rajkot, Surendranagar and Morbi 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.

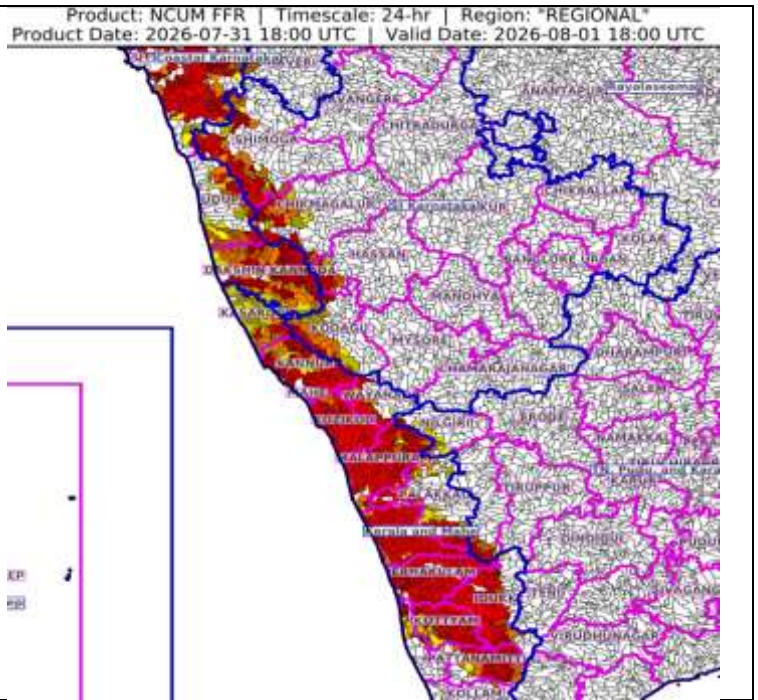


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 02-08-2026:

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

Coastal Karnataka - Dakshin Kannada, Udupi and Uttar Kannada districts.
Kerala & Mahe - Alappuzha, Ernakulam, Idukki, Kannur, Kasargod, Kottayam, Kozikod, Mahe, Malappuram, Palakkad, Pattanamittia, Trishur and Wayanad districts.
South Interior Karnataka - Chikmagalur, Kodagu and Shimoga 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.

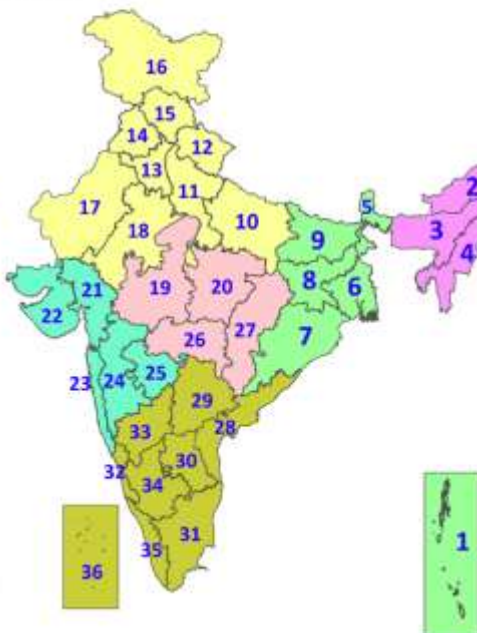


Legends & abbreviations:

- ❖ **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)

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