



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 24th October 2026
Time of Issue: 1350 hours IST

Subject: (i) Under the influence of likely formation of cyclonic storm over the Westcentral Bay of Bengal by 26th October and its further intensification, isolated extremely heavy rainfall likely over Coastal Andhra Pradesh on 27th & 28th, over Odisha and Telangana on 28th, isolated heavy to very heavy rainfall also likely over Odisha on 27th & 29th October, 2026.
(ii) Under the influence of the low-pressure area over Southeast Arabian Sea and adjoining Lakshadweep area, isolated extremely heavy rainfall likely over Tamil Nadu, Puducherry & Karaikal on 24th & 25th and over Kerala & Mahe on 25th & 26th October.

Realized weather during past 24 hours ending at 0830 hours IST of today, the 24th October, 2026:

- ❖ **Extremely heavy rainfall (≥ 21 cm)** has been recorded over Tamil Nadu.
- ❖ **Very heavy rainfall (12-20 cm)** has been recorded over Kerala.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Goa and Karnataka.

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

- ❖ Yesterday's **Low-Pressure** Area became more marked and lay as a **Well-marked low-pressure** area over the same region at 0530 Hrs IST and persisted over the same region at 0830 hours IST of today, the 24th October, 2026. It is most likely to persist over the same region and intensify into a depression today, the 24th October. Thereafter, it is very likely to move west-northwestwards and intensify further into a deep depression on 25th October & into a cyclonic storm over the Westcentral Bay of Bengal by 26th October morning. Moving west-northwestwards, it would continue to intensify further and reach over Westcentral Bay of Bengal near Andhra Pradesh coast around morning of 28th October, 2026.
- ❖ Yesterday's **Low-Pressure area** over Southeast Arabian Sea and adjoining Lakshadweep area persisted over the same region at 0830 hrs IST of today, the 24th October, 2026.
- ❖ A **trough** from the **cyclonic circulation** associated with Low Pressure area over Southeast Arabian Sea and adjoining Lakshadweep to north coastal Tamil Nadu in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over northeast Bangladesh & neighbourhood in lower tropospheric level.
- ❖ A **Western Disturbance** as a cyclonic circulation lay over north Pakistan & neighbourhood in lower and middle tropospheric levels with a trough aloft in upper tropospheric westerlies with its axis in roughly along Long. 70°E to the north of Lat. 30°N
- ❖ An **induced upper cyclonic circulation** lies over West Rajasthan & neighbourhood in lower tropospheric level.

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

South Peninsular India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Lakshadweep and Tamil Nadu, Puducherry & Karaikal during 24th-26th October; Kerala & Mahe during 24th-28th October; Coastal Karnataka on 24th October; South Interior Karnataka during 24th-25th October; Coastal Andhra Pradesh & Yanam during 27th-29th October; Telangana during 28th-29th October.
- ❖ **Isolated to Scattered** rainfall likely over Lakshadweep and Tamil Nadu, Puducherry & Karaikal during 27th-30th October; Kerala & Mahe during 29th-30th October; Coastal Karnataka during 25th-30th October; North Interior Karnataka during 24th-25th October and on 28th October; South Interior Karnataka during 26th-30th October; Coastal Andhra Pradesh & Yanam during 24th-26th October and on 30th October; Rayalaseema during 24th-30th October; Telangana during 26th-27th October and on 30th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 24th-26th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 26th-29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 24th-27th October; North Interior Karnataka on

28th October; South Interior Karnataka during 27th-28th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 24th-25th October; Telangana on 27th October and on 29th October.

- ❖ Isolated **thunderstorm & lightning** likely over Coastal Karnataka, North Interior Karnataka and South Interior Karnataka during 24th-25th October.
- ❖ Isolated **heavy rainfall** likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal on 27th October; Lakshadweep during 24th-25th October; South Interior Karnataka on 25th October; Coastal Andhra Pradesh & Yanam and Telangana on 29th October with isolated **very heavy rainfall** also likely over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka on 24th and Tamil Nadu, Puducherry & Karaikal on 26th October.
- ❖ Isolated **extremely heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 24th & 25th October; Kerala & Mahe during 25th-26th October; Coastal Andhra Pradesh & Yanam during 27th-28th October; Telangana on 28th October.
- ❖ Strong Surface Winds likely over North Interior Karnataka during 26th-28th October; South Interior Karnataka during 27th-28th October; Coastal Andhra Pradesh & Yanam during 24th-28th October; Rayalaseema during 24th-29th October.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 24th-27th October; Sub-Himalayan West Bengal & Sikkim during 28th-29th October; Gangetic West Bengal during 29th-30th October; Bihar and Jharkhand during 28th-30th October; Odisha during 27th-30th October.
- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 28th-30th October; Sub-Himalayan West Bengal & Sikkim on 27th October and on 30th October; Gangetic West Bengal on 28th October; Jharkhand on 27th October; Bihar during 26th-27th October; Odisha on 26th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands during 24th-26th October; Gangetic West Bengal during 28th-29th October; Bihar during 28th-30th October; Odisha during 27th-29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Gangetic West Bengal on 30th October; Jharkhand on 27th October and on 30th October; Bihar on 27th October.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 24th-26th October; Sub-Himalayan West Bengal & Sikkim during 29th-30th October; Gangetic West Bengal and Jharkhand during 28th-29th October; Bihar on 29th October with isolated **very heavy rainfall** also likely over Bihar on 30th October; Odisha on 27th October and on 29th October.
- ❖ Isolated **extremely heavy rainfall** likely over Odisha on 28th October.
- ❖ **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Jharkhand during 28th-29th October.

Northwest India:

- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand during 24th-25th October and on 30th October; Himachal Pradesh during 24th-25th October.
- ❖ **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab on 24th October and during 28th-29th October; West Uttar Pradesh on 24th October and during 29th-30th October; East Uttar Pradesh on 28th October; West Rajasthan on 24th October; East Rajasthan during 24th-25th October and during 29th-30th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over East Uttar Pradesh during 29th-30th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 24th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Punjab on 24th October; West Uttar Pradesh during 29th-30th October; East Uttar Pradesh on 29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Uttar Pradesh on 28th October; East Rajasthan and West Rajasthan on 24th October.
- ❖ Isolated **heavy rainfall** likely over East Uttar Pradesh during 29th-30th October.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 28th-30th October; East Madhya Pradesh on 28th October; Vidarbha on 27th October and during 29th-30th October; Chhattisgarh on 27th October and on 30th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over East Madhya Pradesh during 29th-30th October; Vidarbha on 28th October; Chhattisgarh during 28th-29th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over East Madhya Pradesh and Vidarbha during 28th-29th October; Chhattisgarh during 27th-29th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Vidarbha on 27th October.
- ❖ Isolated **heavy rainfall** likely over East Madhya Pradesh and Vidarbha on 29th October; Chhattisgarh on 27th October with isolated **very heavy rainfall** also likely over Vidarbha on 28th October; Chhattisgarh during 28th-29th October.

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh on 24th October and during 28th-30th October; Assam & Meghalaya on 24th October and during 26th-30th October; Nagaland, Manipur, Mizoram & Tripura during 24th-30th October.
- ❖ Isolated **thunderstorm & lightning** likely over Assam & Meghalaya during 27th-28th October; Nagaland, Manipur, Mizoram & Tripura during 27th-29th October.
- ❖ Isolated **heavy rainfall** likely over Assam & Meghalaya during 29th-30th October; Nagaland, Manipur, Mizoram & Tripura on 28th October.

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa and Madhya Maharashtra on 24th October; Marathawada during 28th-29th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Konkan & Goa and Madhya Maharashtra on 24th October.

Heat Wave, Hot & Humid weather and Warm Night conditions warning:

- ❖ **Hot and humid** weather conditions likely to prevail over Konkan & Goa on 24th October.

Wind warning:

- ❖ Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail over Eastcentral and adjoining Southeast Bay of Bengal and along & off Andaman Islands on 24th October. It is likely to increase further becoming 50-60 gusting to 70 kmph over Eastcentral & adjoining Westcentral & Southeast Bay of Bengal and along & off Andaman Islands on 25th October.
- ❖ It is likely to increase further becoming gale wind exceeding 70-80 kmph gusting to 90 kmph over westcentral and adjoining Eastcentral Bay of Bengal by 26th October morning. It is likely to increase further with west-northwestward movement of the system and its intensification till 28th October 2026.
- ❖ Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to commence along & off Andhra Pradesh and Odisha coasts on 27th October and would increase gradually thereafter.

Sea condition:

- ❖ Sea condition is likely to be rough over Eastcentral & adjoining Southeast Bay of Bengal and along & off Andaman Islands till morning of 25th October.
- ❖ Very rough to high over Central & adjoining Southeast Bay of Bengal from morning of 25th and high to very high over Westcentral and adjoining Eastcentral & Northwest Bay of Bengal from 26th morning to 28th October.
- ❖ Rough to Very Rough along & off Andhra Pradesh-Odisha coasts from 27th to 28th October.

Fisherman warning:

Fishermen are advised not to venture into

- ❖ Eastcentral & adjoining Southeast Bay of Bengal and along & off Andaman Islands on 24th October evening to 26th October.
- ❖ Westcentral and adjoining Northwest & Southwest Bay of Bengal from 26th to 28th October.
- ❖ Along & off Andhra Pradesh-Odisha coasts from 27th to 28th October.

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>

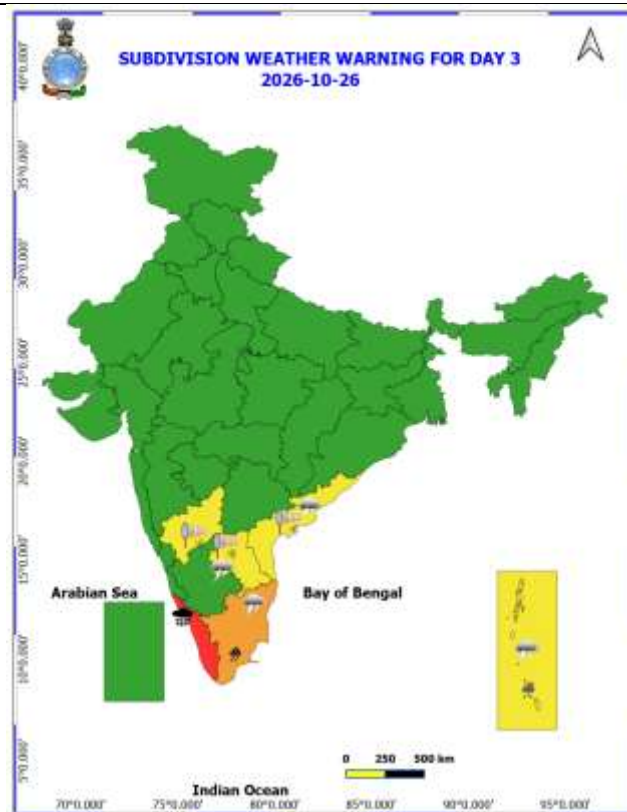
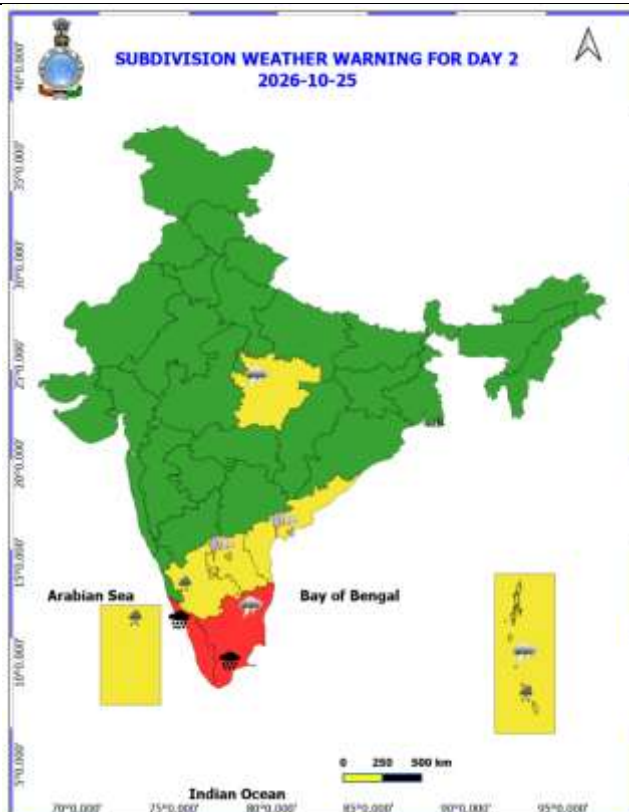
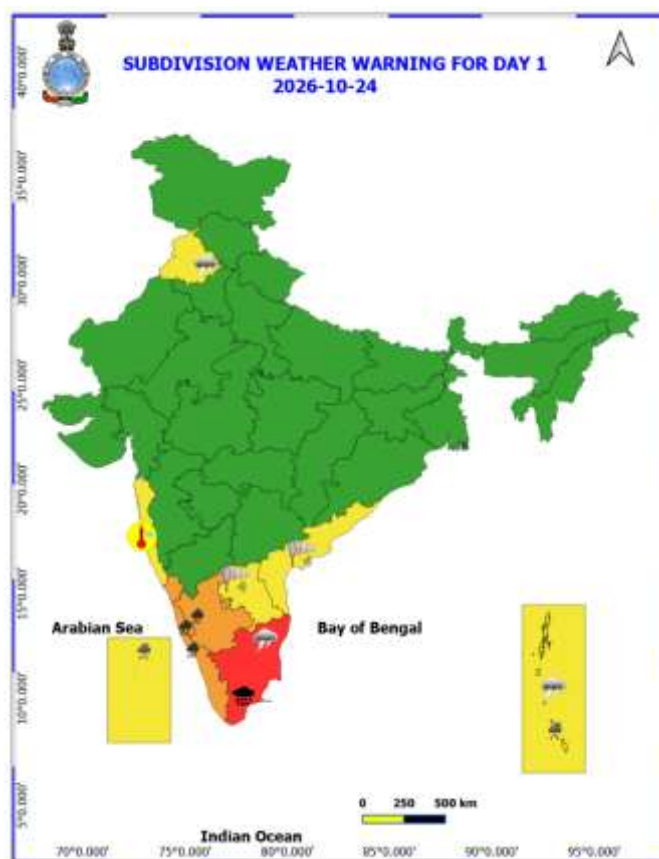
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

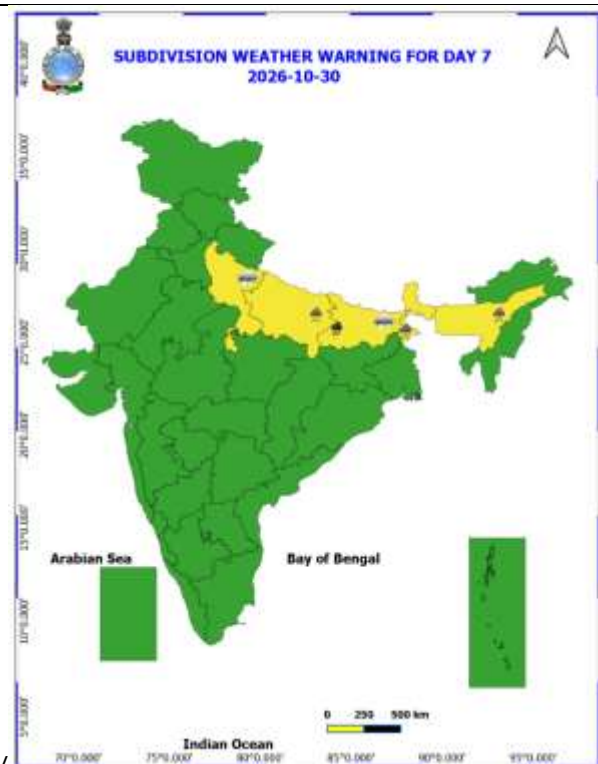
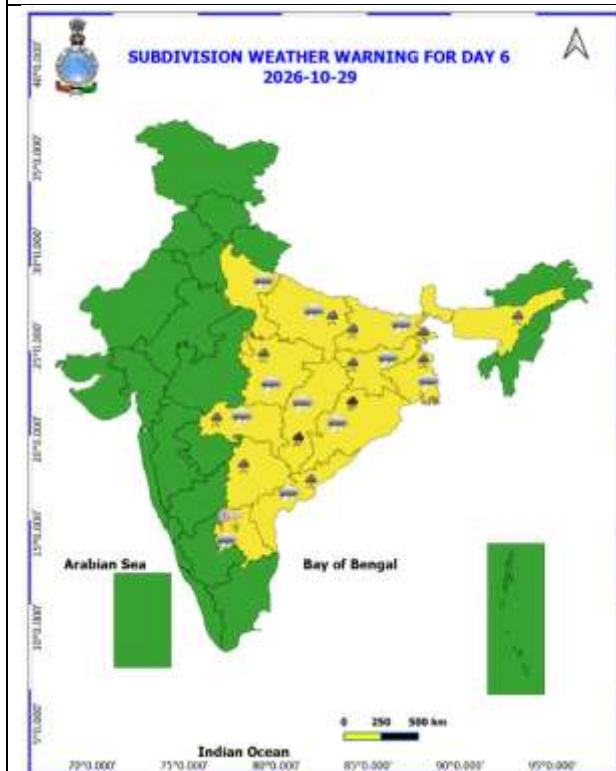
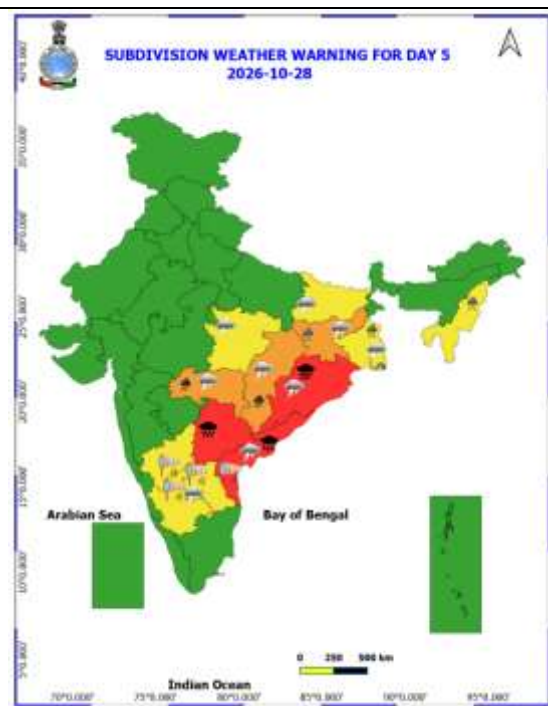
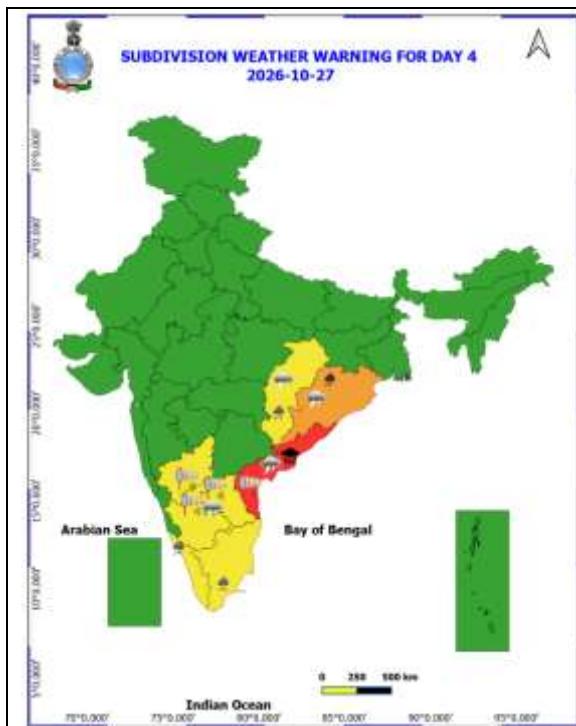
Highest rainfall recorded (≥ 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Tamil Nadu:** Burlair (The Nilgiris) 25
- ❖ **Keralam:** Vadakara (Kozhikode) 13
- ❖ **Goa:** Canacona 10
- ❖ **Coastal Karnataka:** Brahmavar Aws (dist Udupi) 10
- ❖ **South Interior Karnataka:** Konanur (dist Hassan) 8
- ❖ **North Interior Karnataka:** Hubballi (dist Dharwad) 7

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

There has been no large change in maximum temperatures and fall in minimum temperatures by 1-2°C over Delhi during the past 24 hours. The maximum temperatures were in the range of 30-32°C and the minimum temperatures are in the range 17-18°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) over remaining parts of Delhi. The maximum temperatures are below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Mainly clear sky with surface wind speed 15 kmph from the northwest direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 15 kmph from the southeast direction likely to prevail during forenoon over the region today.

Weather Forecast:

24.10.2026: Partly cloudy sky. Possibility of a spell of very light rain accompanied with thunderstorm/lightning at isolated places towards afternoon/ evening. The maximum temperatures over Delhi are likely to be in the range of 31-33°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 east direction with surface wind speed reaching up to 15 kmph during the afternoon. The surface wind speed will decrease becoming up to 12 kmph from the northeast direction during evening and night hours.

25.10.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 17°C to 19°C, respectively. The minimum temperature will be above 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 above normal (1.6°C to 3.0°C) at isolated places over Delhi. The predominant surface wind is likely to be from the northeast direction with wind speed reaching up to 12 kmph during the morning hours. The surface wind speed will increase becoming up to 15 kmph from the northeast direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the northwest direction during evening and night hours.

26.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 16°C to 18°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 northeast direction with wind speed reaching up to 12 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night hours.

27.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°C and 16°C to 18°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 below normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with wind speed reaching up to 12 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 10 kmph from northeast direction during evening and night hours.

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

- ❖ Isolated **extremely heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 24th & 25th October; Kerala & Mahe during 25th-26th October; Coastal Andhra Pradesh & Yanam during 27th-28th October; Telangana on 28th; over Odisha on 28th October.
- ❖ Isolated **very heavy rainfall** also likely over Coastal Karnataka, Kerala & Mahe and South Interior Karnataka on 24th; Tamil Nadu, Puducherry & Karaikal on 26th; over Bihar on 30th October; Odisha on 27th October and on 29th October.

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 **Tamil Nadu**, drain out excess water from paddy, banana, cotton, turmeric, sugarcane and tapioca fields to prevent waterlogging. Keep the harvested produce of paddy and groundnut in safe places. Postpone fertilizer application, pesticide spraying and intercultural operations during rainfall.
- In **Keralam**, drain excess water from paddy, coconut, vegetables, ginger, banana field. Provide mechanical support to banana and papaya plants and stake young plants to avoid lodging. Postpone fertilizer application and plant-protection operations during rainfall.
- In **Coastal Karnataka**, ensure proper drainage in ginger and other standing crop fields. Provide support to vulnerable horticultural plants and protect harvested produce in covered, dry storage.
- In **South Interior Karnataka**, harvest mature maize, black gram, green gram, and soybean wherever conditions permit and shift the produce to safe place. Ensure proper drainage in standing crop fields. Provide staking or propping to crops vulnerable to lodging, particularly horticultural crops.
- In **Andaman and Nicobar Islands**, harvest mature rice and keep the harvested produce in covered shaded, well-ventilated and dry place. Make necessary arrangements to drain out excess rain water from rice, black pepper plantation and clean drainage channels to prevent water stagnation around the base of coconut palms.
- In **Andhra Pradesh**, harvest mature groundnut, maize, rice, finger millet and other standing crops during suitable dry intervals and store the produce safely. Make necessary arrangement for drainage in standing crops, particularly rice, maize, finger millet, groundnut and vegetables.
- In **Odisha**, complete the harvesting of mature crops and store the produce in a safe, dry place. Clean field drainage channels to prevent waterlogging, particularly in low-lying fields and vegetable plots.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

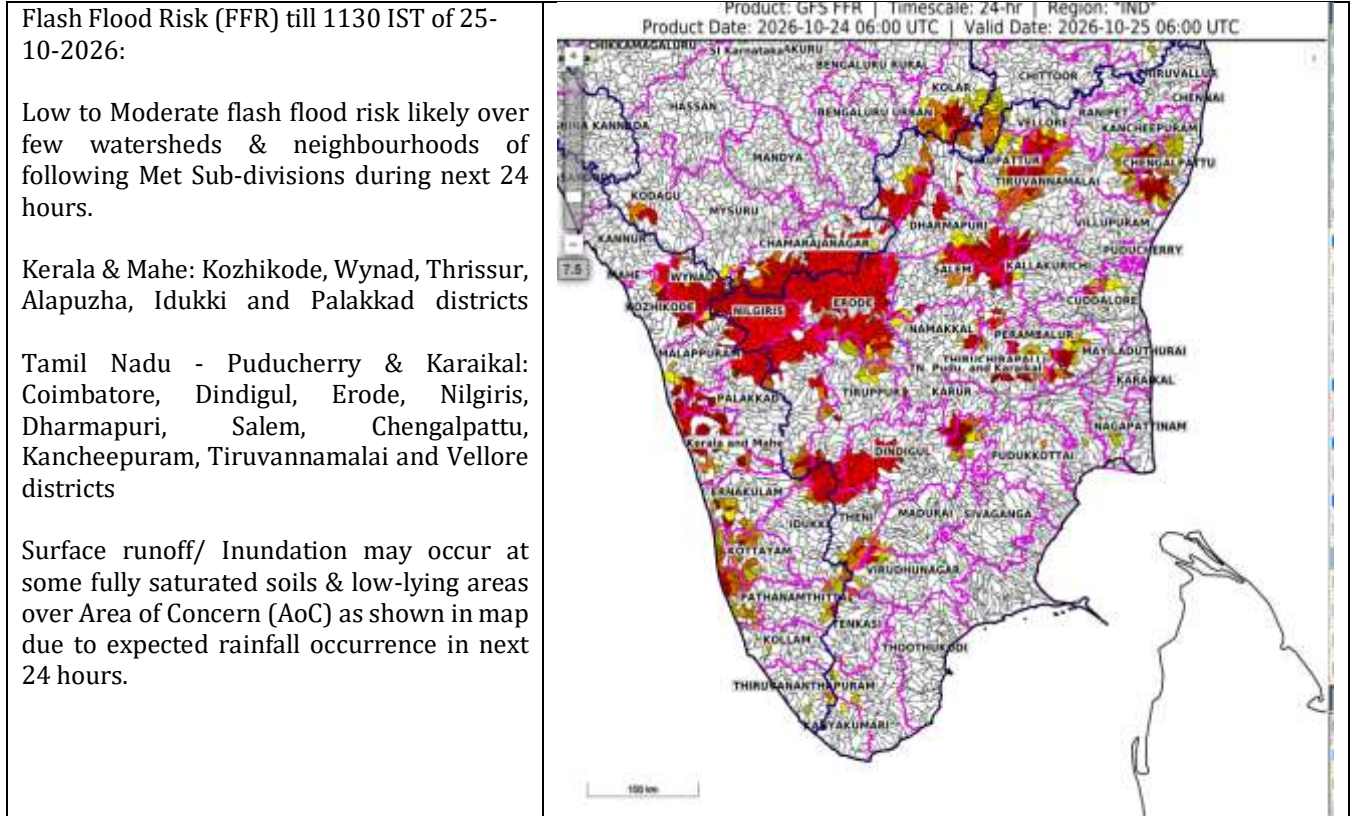
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.

- 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.

Advisories for likely impact of Heavy Rainfall for Livestock / Poultry / Fisheries

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

Flash Flood Guidance:



Legends & abbreviations:

Heavy Rain:64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **Extremely Heavy Rain:** >204.4mm.

Obsy: Observatory; Automatic Weather Station; **ARG:** Automatic Rain Gauge; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office, **Aero:** Aerodrome, **IAF:** Indian Air Force.

Region wise classification of meteorological Sub-Divisions:

Northwest India: Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.

Central India: West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.

East India: Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.

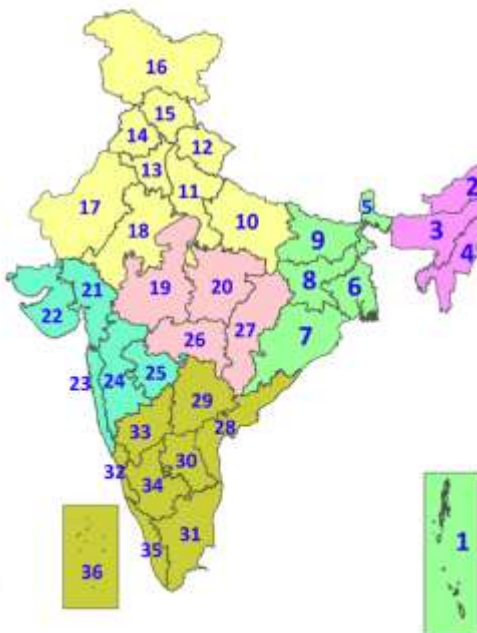
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

West India: Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (Konkan) & Goa, Madhya Maharashtra and Marathawada.

South India: Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Odisha
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chandigarh & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajasthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathwada
26. Vidarbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

SPATIAL DISTRIBUTION (% of Stations reporting)

% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/A Few Places)
51-75	Fairly Widespread (FWS/Many Places)	1-25	Isolated (ISOL)

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

* Red colour warning does not mean "Red Alert". Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

DEFINITION/CRITERIA

Rain/ Snow *	Heavy: 64.5 to 115.5 mm/cm * Very Heavy: 115.6 to 204.4 mm/cm * Extremely Heavy: > 204.4 mm/cm *
Heat Wave	When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions (a) Based on Departure from normal Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C . Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$ (b) Based on Actual maximum temperature Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$. Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$. (c) Criteria for heat wave for coastal stations When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$
Warm Night	When maximum temperature remains 40°C Warm Night: When minimum temperature departure 4.5°C to 6.4°C . Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.
Cold Wave	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions. (a) Based on departure Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C . Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$ (b) Based on actual Minimum Temperature (for Plains only) Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$ Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$ (c) For Coastal Stations When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$
Cold Day	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions Based on departure Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C . Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$
Fog	Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$ Moderate Fog: When the visibility between 500-200 metres Dense Fog: when the visibility between 50-200 metres Very Dense Fog: when the visibility < 50 metres
Thunderstorm	Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)
Dust/Sand Storm	An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.
Frost	Ice deposits on ground Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)
Squall	A strong wind that rises suddenly, lasts for atleast 1 minute. Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed > 87 kmph
Sea State	Effect of various waves in the sea over specific area Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre
Cyclone	Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots) Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots) Very Severe Cyclonic Storm: Wind speed 118-185 kmph (64-89 knots) Extremely Severe Cyclonic Storm: Wind speed 186-220 kmph (90-119 knots) Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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