



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 05th October, 2025

Time of Issue: 1315 hours IST

Subject: (i) Heavy to very heavy rainfall with possibility of extremely heavy rainfall likely over Sub-Himalayan West Bengal & Sikkim and Meghalaya today, the 05th October, 2025.
(ii) An intense western disturbance is likely to cause heavy to very heavy rainfall & hailstorm over Northwest India on 05th & 06th October, 2025.

Realised weather during past 24 hours till 0830 hours IST of today, the 05th October, 2025:

- ❖ Heavy to very heavy rainfall at many places with Exceptionally heavy rainfall recorded at isolated places over Bihar and Sub-Himalayan West Bengal.
- ❖ Heavy to very heavy rainfall with Extremely heavy rainfall (≥ 21 cm) has been recorded at isolated places over Meghalaya.
- ❖ Heavy to very heavy rainfall (7-20 cm) has been recorded at isolated places over Marathwada, Kerala, Tamil Nadu.
- ❖ Heavy rainfall (7-11 cm) has been recorded at isolated places over East Rajasthan, Gangetic West Bengal, North Interior Karnataka, Rayalaseema, Telangana and Arunachal Pradesh.
- ❖ Isolated **hailstorm** activity has been recorded over Jammu.

For more details of realised weather, kindly refer [Annexure I](#).

Withdrawal of southwest Monsoon:

- ❖ The line of withdrawal of southwest monsoon continues to pass through 20°N/ 69°E, Veraval, Bharuch, Ujjain, Jhansi, Shahjahanpur and 30°N/81°E. ([Annexure II](#)).
- ❖ Conditions are favourable for further withdrawal of southwest monsoon some more parts of Madhya Pradesh and Uttar Pradesh; and some parts of Maharashtra during next 4-5 days.

i. Weather Systems, Forecast and Warnings (refer to Annexure III & IV):

- ❖ Yesterday's severe cyclonic storm "Shakhti" [Pronunciation: Shakhti] Northwest & adjoining Northeast Arabian Sea moved west- southwestwards and lay centered at 0830 hrs IST of today, the 5th October, 2025 over northwest & adjoining westcentral Arabian Sea, near latitude 20.9°N and longitude 61.3°E, about 220 km southeast of Ras Al Hadd (Oman), 250 km east of Masirah (Oman), 750 km southwest of Karachi (Pakistan), 820 km west-southwest of Naliya and 820 km west of Dwarka. It is likely to continue to move west-southwestwards till morning of 6th October and weaken gradually. Thereafter, it will recurve and move nearly eastwards over westcentral & adjoining northeast Arabian Sea and continue to weaken further.
- ❖ Yesterday's well-marked low-pressure area over north Chhattisgarh and adjoining areas of north interior Odisha & Jharkhand weakened into a **low-pressure area** and lay over north Bihar & neighbourhood at 0530 hrs IST of today and became less marked at 0830 hrs IST of today, the 05th October, 2025. However, the associated **cyclonic circulation** lay over northeast Bihar & neighbourhood extending upto middle tropospheric levels.
- ❖ A **Western Disturbance** seen as a cyclonic circulation over Jammu & neighbourhood at middle tropospheric levels.
- ❖ A **trough runs** from the north Bihar to north Odisha across Jharkhand at lower tropospheric levels.
- ❖ A **trough** runs from coastal Andhra Pradesh to Comorin area across Rayalaseema and Tamil Nadu at lower tropospheric levels.
- ❖ A fresh **Western Disturbance** is likely to affect northwest India from 06th October, 2025.

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

East India:

- ❖ **Isolated Extremely heavy rainfall (≥ 21 cm) likely over Sub-Himalayan West Bengal & Sikkim on 05th October.**
- ❖ **Isolated heavy to very heavy rainfall** over Bihar on 05th and **heavy rainfall** over Gangetic West Bengal on 05th and Sub-Himalayan West Bengal & Sikkim on 06th October.
- ❖ Light to moderate rainfall/thunderstorm at most/many places with isolated thunderstorm & gusty winds (speed reaching 30-40 kmph) very likely over East India during next 3-4 days.

Northwest India:

- ❖ Fairly widespread to widespread rainfall accompanied with thunderstorm, lightning & gusty wind (speed reaching 30-50 kmph) very likely over Northwest India during 05th-07th October.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh, West Rajasthan, Himachal Pradesh, Punjab on 05th & 06th; Uttarakhand on 06th & 07th; Haryana Chandigarh, West Uttar Pradesh, East Rajasthan on 06th; with **very heavy rainfall** over Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh on 06th October.
- ❖ Isolated **hailstorm** activity is also likely over Himachal Pradesh, Jammu & Kashmir on 05th; Punjab on 05th & 06th; Haryana, Chandigarh, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.
- ❖ **Minimum Temperatures are likely to fall by 4-5°C over Northwest India from 08th October during subsequent 2 days.**

Northeast India:

- ❖ Light/moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Arunachal Pradesh on 05th, 06th & 10th; Assam & Meghalaya during 05th-10th and Nagaland during 06th -11th; Manipur on 08th & 09th; Mizoram on 08th October with **very heavy rainfall** over Arunachal Pradesh on 05th October.
- ❖ Isolated **extremely heavy rainfall** likely over Meghalaya on 05th October.

South Peninsular India:

- ❖ Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** likely over Tamil Nadu, during 05th-09th; Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema on 05th; South Interior Karnataka during 08th-10th and Kerala on 08th & 09th October.
- ❖ Strong surface winds (speed reaching 30-40 kmph) over Coastal Andhra Pradesh & Yanam & Rayalaseema during next 5 days; Kerala & Lakshadweep on 05th & 06th October.
- ❖ Thunderstorm with gusty wind (speed reaching 30-40 kmph) over interior Karnataka, Tamil Nadu, Kerala, Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during 05th – 09th October.

Fishermen warnings:

Fishermen are advised not to venture into Northwest & westcentral Arabian Sea, adjoining areas of northeast & eastcentral Arabian Sea, central Arabian sea and along & off Gujarat-north Maharashtra coasts during 05th-07th October.

ii. Weather conditions and forecast over Delhi/NCR during 05th to 08th October, 2025 (Annexure V)

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>

Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 05th October (≥ 7 cm):

Bihar: Saraigarh Bhaptiyahi (dist Supaul) 38; Sonbarsa (dist Sitamarhi) 37; Chanpatia (dist West Champaran) 36; Patahi (dist East Champaran) 35; Narpatganj (dist Araria) 32; Birpur (dist Supaul) 31; Sheohar (dist Sheohar) 29; Bathnaha (dist Sitamarhi) 28; Kessariah (dist East Champaran) 26; Gaunaha (dist West Champaran), Rahghopur (dist Supaul), Adapur (dist East Champaran) 25 Each; Bairgania (dist Sitamarhi), Chhatapur (dist Supaul), Bettiah (dist West Champaran) 24 Each; Sugauli (dist East Champaran) 23; Jhanjharpur (dist Madhubani), Saurbazar (dist Saharsa), Harsidhi (dist East Champaran) 22 Each; Forbesganj (dist Araria), Motihari (dist East Champaran), Pipra (dist Supaul), Kishanpur (dist Supaul), Madhubani (dist West Champaran) 21 Each; Ramnagar (dist West Champaran), Sursand (dist Sitamarhi), Kumarkhand (dist Madhepura), Raxual (dist East Champaran), Nanpur (dist Sitamarhi) 20 Each; Dhengbridge (dist Sitamarhi), Bagaha (dist West Champaran), Udai Kishanganj (dist Madhepura), Thakrahan (dist West Champaran), Lauria Nandargarh (dist West Champaran), Kalyanpur (dist East Champaran), Runnisaidpur (dist Sitamarhi) 19 Each; Murliganj (dist Madhepura), Baitunthpur (dist Gopalganj), Pupari (dist Sitamarhi), Nautan (dist West Champaran), Areraj (dist East Champaran), Dumra (dist Sitamarhi), Pratapganj (dist Supaul) 18 Each; Chatia (dist East Champaran), Tribeniganj (dist Supaul), Piprahi (dist Sheohar), Singheshwar (dist Madhepura), Sikta (dist West Champaran), Bokhara (dist Sitamarhi), Mejorganj (dist Sitamarhi) 17 Each; Supaul (dist Supaul), Belsand (dist Sitamarhi), Gopalganj (dist Gopalganj), Dumri (dist Sheohar), Raniganj (dist Araria), Marauna (dist Supaul), Turkaulia (dist East Champaran), Charaut (dist Sitamarhi), Nirmali (dist Supaul) 16 Each; Bhore (dist Gopalganj), Phulparas (dist Madhubani), Kucchaikot (dist Gopalganj), Ghailadh (dist Madhepura), Ghanharia (dist Madhepura), Kotwa (dist East Champaran), Bajpatti (dist Sitamarhi) 15 Each;

Sub Himalayan West Bengal & Sikkim: Kurti T.e. (dist Jalpaiguri) 37; Ghatia T.e. (dist Jalpaiguri) 35; Diana Tea Estate (dist Jalpaiguri) 34; Hilla T.e. (dist Jalpaiguri), Jiti T.e. (dist Jalpaiguri) 33 Each; Gandrapara Tea Garden (dist Jalpaiguri) 32; Banarhat High School (dist Jalpaiguri) 31; Gajoldoba (dist Jalpaiguri) 30; Baradighi T.e. (dist Jalpaiguri) 29; Indong T.e. (dist Jalpaiguri) 27; Darjeeling (dist Darjeeling), Ghughumari (dist Cooch Behar), Noweranuddi Tea Garden (dist Jalpaiguri) 26 Each; Moraghat Tea Estate (dist Jalpaiguri) 25; Neora (dist Jalpaiguri) 24; Anandpur Tea Estate (dist Jalpaiguri), Baintgoorie T.e. (dist Jalpaiguri), Good Hope Tea Estate (dist Jalpaiguri), Palashbari Tea Estate (dist Jalpaiguri), Saraswatipur Tea Estate (dist Jalpaiguri), Soongachi T.e. (dist Jalpaiguri) 23 Each; Aibheel Tea Estate (dist Jalpaiguri), Damdim Tea Estate (dist Jalpaiguri), Zurrantee T.e. (dist Jalpaiguri) 22 Each; Chalouni Tea Estate (dist Jalpaiguri), Gaikata Tea Estate (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Lava (dist Kalimpong), Jaybirpara Tea Estate (dist Alipurduar) 20 Each; Cooch Behar (dist Cooch Behar), Karballa Tea Estate (dist Jalpaiguri), Washabari Tea Estate (dist Jalpaiguri) 19 Each; Ghish (dist Jalpaiguri) 18; Domohani (dist Jalpaiguri), Nh31 Bridge (dist Jalpaiguri), Jalpaiguri (dist Jalpaiguri), Amfu Kalimpong (dist Kalimpong), Batabari T.e. (dist Jalpaiguri) 17 Each; Kailashpur Tea Estate (dist Jalpaiguri), Maynaguri College (dist Jalpaiguri), Siliguri PTO (dist Darjeeling), Dhupguri (dist Jalpaiguri), Dalgaon Tea Estate (dist Alipurduar) 16 Each; Namthang (dist Namchi), Barobhisha (dist Alipurduar), Bijonbari (dist Darjeeling), Gopalpur Tea Estate (dist Alipurduar), Newlands Tea Garden (dist Alipurduar) 15 Each;

Assam & Meghalaya: Mawsynram (dist East Khasi Hills) 23; Mawkyrwat (dist South West Khasi Hills) 13; Cherrapunji(rkm) (dist East Khasi Hills) 7;

Marathwada: Washi (dist Dharashiv) 13;

Tamil Nadu, Puducherry & Karaikal: Krishnagiri (dist Krishnagiri), Elumalai (dist Madurai) 12 Each; Namakkal (dist Namakkal) 11; Edapadi (dist Salem) 10; Sankaridurg (dist Salem) 7;

Kerala & Mahe: Udumbannoor AWS (dist Idukki) 12; Mancompu (dist Alapuzha), Piravam (dist Ernakulam) 7 Each;

Arunachal Pradesh: Pasighat AP (dist East Siang) 9;

Royalaseema: Santhipuram (dist Chittoor) 9; Venkatagiri (dist Tirupati) 7;

East Rajasthan: Bari-sadri (dist Chittorgarh), Abu Road SR (dist Sirohi) 8 Each;

Gangetic West Bengal: Alipore (dist Kolkata) 7.

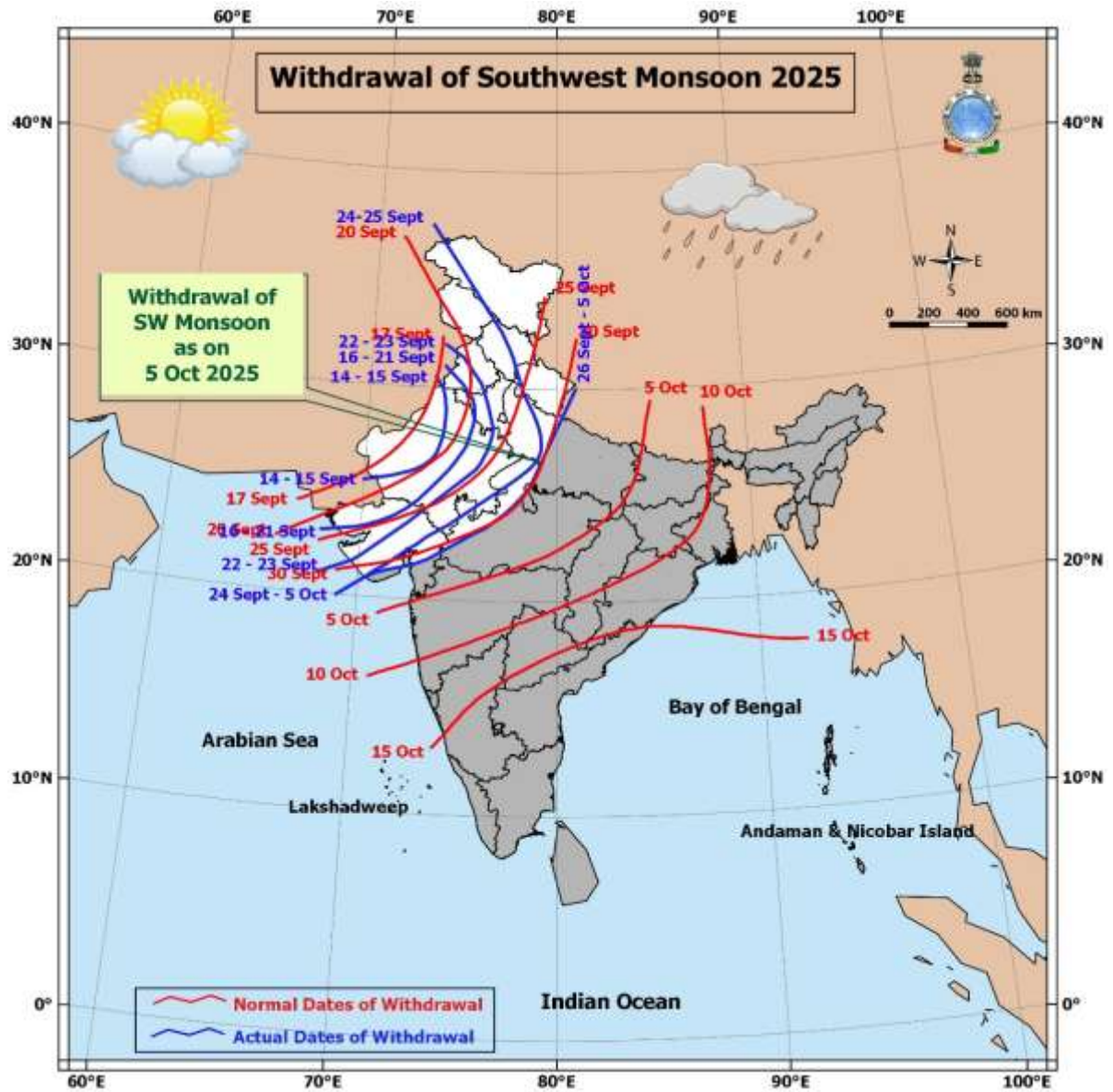
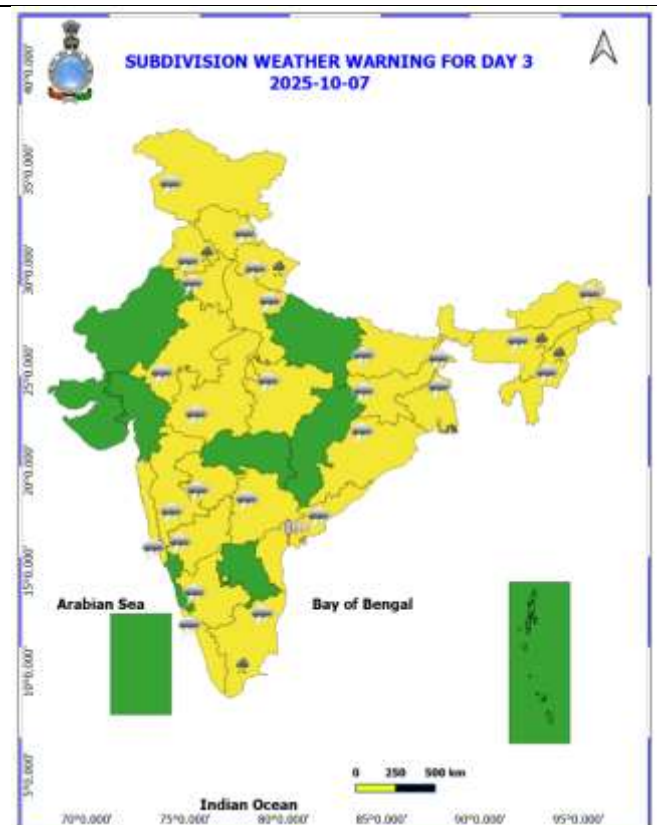
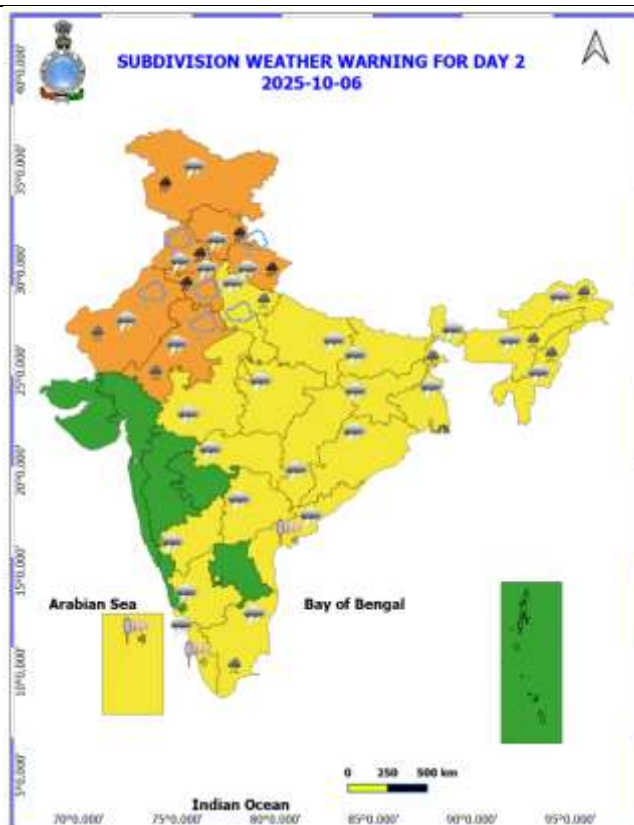
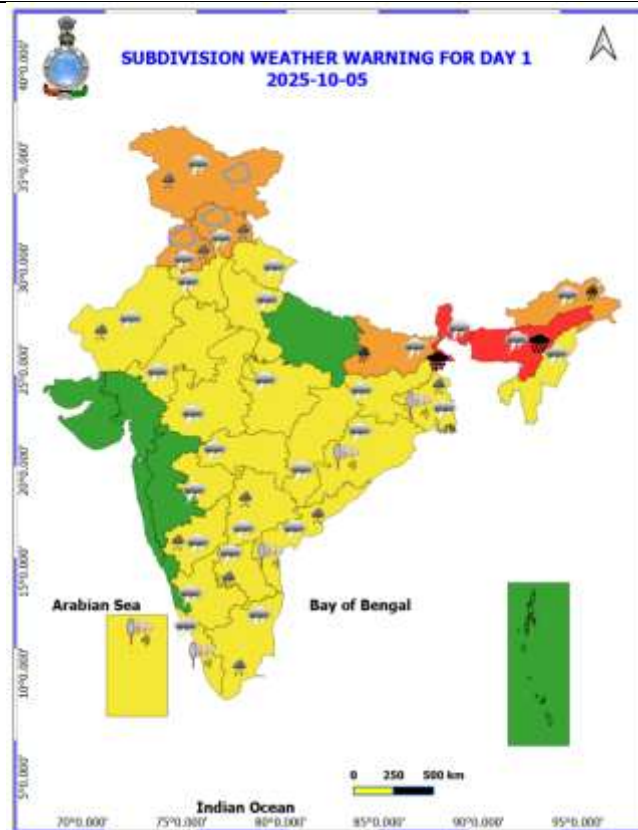
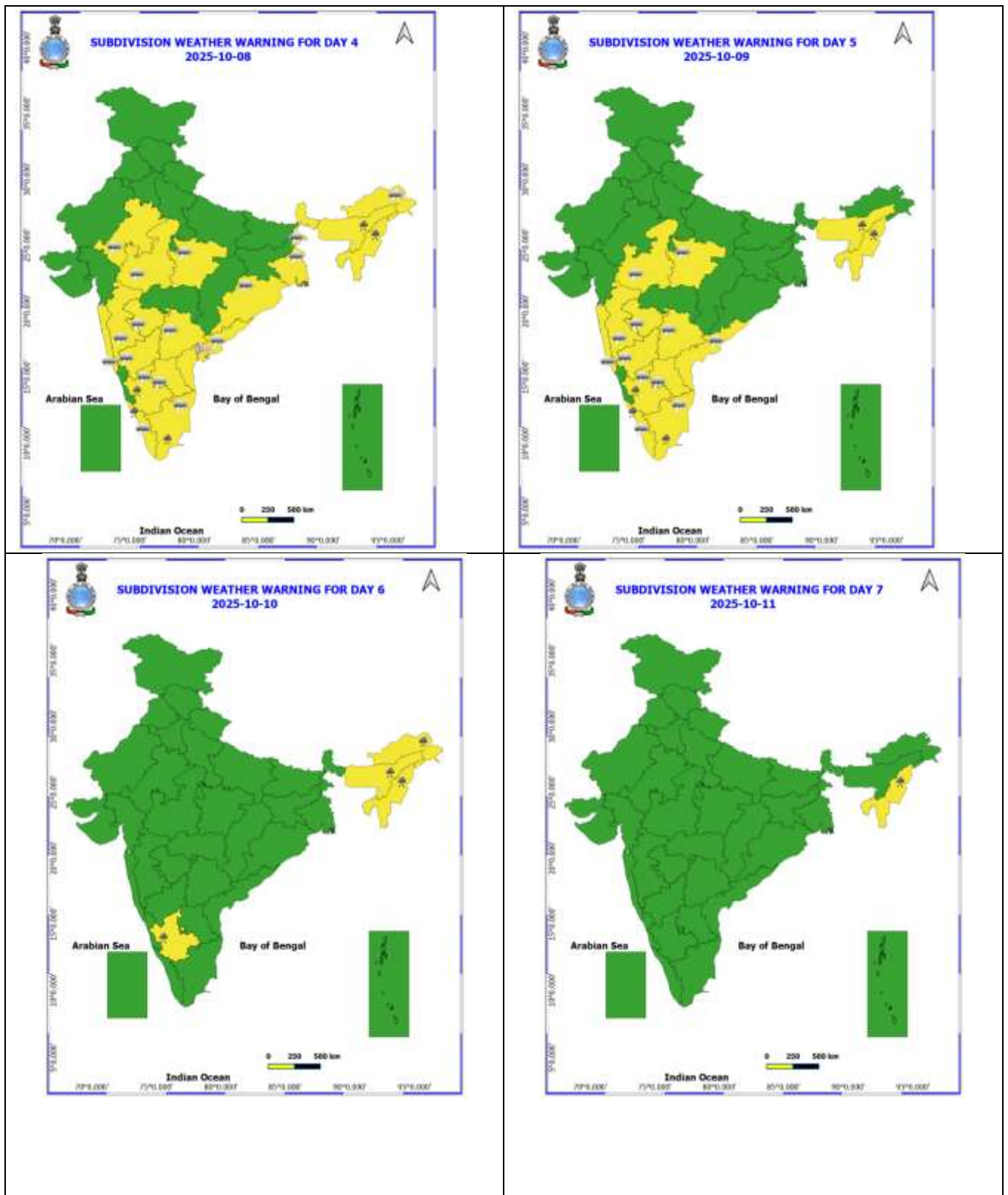


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	5- Oct	6- Oct	7- Oct	8- Oct	9- Oct	10- Oct	11- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	SCT	FWS	FWS	SCT	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	SCT	SCT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

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

Weather forecast over Delhi/NCR during 05th to 08th October 2025**Past Weather:**

There has been no large change in the minimum and maximum temperature over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 32 to 34°C and 22 to 24°C respectively. The minimum temperature was above normal up to 1 – 2°C and maximum temperature was below normal up to 1 – 2°C. Partly cloudy sky conditions with predominant surface wind from the southwest direction with wind speeds up to 18 kmph prevailed during the past 24 hours. Partly cloudy sky conditions with a wind speed of less than 18 kmph from the west-northwest direction prevailed over the region in the forenoon today.

Weather Forecast:

05.10.2025: Partly cloudy sky becoming generally cloudy sky towards evening. A spell of very light to light rain accompanied with thunderstorm/lighting towards night/early hours. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C. The maximum temperature will be below normal up to 1 – 2°C. The predominant surface wind will likely to be from the northwest direction with a wind speed of up to 10 -15 kmph during afternoon hours. The wind speed will increase becoming less than 20 kmph from the northwest direction during the evening and night.

06.10.2025: Generally cloudy sky. A few spells of light to moderate rain very likely at many places accompanied with thunderstorms/lighting and wind speed reaching to 30 – 40 kmph gusting to 50 kmph. The maximum and minimum temperatures over Delhi are likely to be in the range of 28 to 30°C and 22 to 24°C respectively. The minimum temperature will be above normal up to 1 – 2°C and the maximum temperature will be below normal up to 3 – 5°C. The predominant surface wind will likely to be from the northeast direction with a wind speed of up to 10-15 kmph during morning hours. The wind speed will gradually increase becoming less than 18 kmph from the east direction in the afternoon. The wind speed will decrease becoming less than 12 kmph from the east direction during the evening and night.

07.10.2025: Generally cloudy sky. One or two spells of light to moderate rain very likely at many places accompanied with thunderstorms/lighting and wind speed reaching to 30 – 40 kmph gusting to 50 kmph towards morning/forenoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 29 to 31°C and 22 to 24°C respectively. The minimum temperature will be above normal up to 1 – 2°C and the maximum temperature will be below normal up to 2 – 4°C. The predominant surface wind will likely to be from the southeast direction with a wind speed of up to 10-15 kmph during morning hours. The wind speed will decrease becoming less than 12 kmph from the south direction in the afternoon. The wind speed will gradually decrease becoming less than 10 kmph from the northeast direction during the evening and night.

08.10.2025: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31 to 33°C and 20 to 22°C respectively. The minimum temperature will be below normal upto 1 – 2°C and the maximum temperature will be below normal up to 1 – 3°C. The predominant surface wind will likely to be from the west direction with a wind speed of up to 10 - 15 kmph during morning hours. The wind speed will decrease becoming less than 20 kmph from the northwest direction in the afternoon. The wind speed will gradually decrease becoming less than 18 kmph from the northwest direction during the evening and night.

Impact & Action Suggested due to

- **Extremely heavy rainfall** (≥ 21 cm) very likely over Sub-Himalayan West Bengal & Sikkim and Meghalaya on 05th October.
- **Very heavy rainfall** over Bihar, Arunachal Pradesh on 05th Jammu-Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh on 06th October.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- 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 kutchha 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 mainly over Bihar, Jharkhand and West Bengal (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.

Impact expected and action suggested due to Hailstorm over

- Isolated hailstorm activity over Jammu, Himachal Pradesh on 05th; Punjab on 05th & 06th; Haryana Chandigarh, West Uttar Pradesh, Uttarakhand & Rajasthan on 06th October.

Impact expected:

- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Minor damage to kutchha houses/walls and huts.

Action suggested:

- 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.

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall

- In **Sub-Himalayan West Bengal**, drain out excess water from fields of rice, black gram, green gram, finger millet, ginger, vegetables and fruit orchards. In **Gangetic West Bengal**, ensure proper drainage from the fields of rice, groundnut, vegetables and betel vine gardens.
- In **Bihar**, drain out excess water from fields of rice, maize and vegetables.
- In **Jammu & Kashmir**, keep the harvested produce of rice and maize in safer places. Postpone sowing of rapeseed and radish.
- In **Himachal Pradesh**, keep the harvested produce of rice, maize, kidney beans, finger millet, vegetables and fruits like pomegranate, apple and kiwi in safer places. Ensure proper drainage in the fields of standing crops, vegetables and fruit orchards to avoid waterlogging.
- In **Uttarakhand**, harvest matured green gram, black gram, finger millet, rice, vegetables and fruits immediately and store in safe place. Make drainage channels in standing crop fields to remove excess water from the fields.
- In **Punjab**, keep the harvested produce of rice and maize in safe places. Ensure proper drainage to drain out excess water from fields of rice, maize, cotton, and vegetables.
- In **Haryana**, harvest matured crops of rice, green gram, black gram and cotton and shift the harvested produce in safer places. Make provision to drain out excess water from standing crop fields and vegetables.
- In **West Uttar Pradesh**, make necessary arrangements to drain out excess water from the standing crop fields like rice, green gram, sugarcane and vegetables.
- In **Arunachal Pradesh**, keep the harvested crops such as rice, maize, vegetables and finger millet to properly covered shelter to avoid losses. Ensure proper drainage in the standing crops and already sown / transplanted fields.
- In **Assam**, ensure proper drainage of excess water from fields of *Sali* rice, black gram, green gram and vegetables.

- In **Meghalaya**, drain out excess water from standing crops fields, vegetables and orchards.

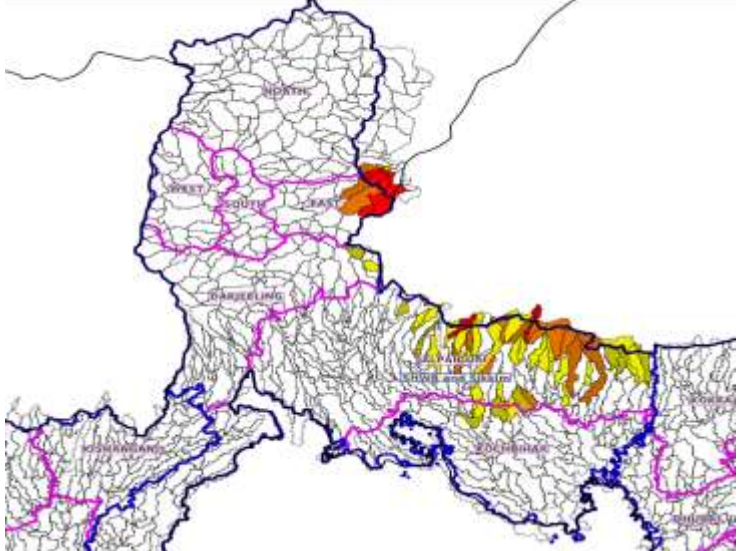
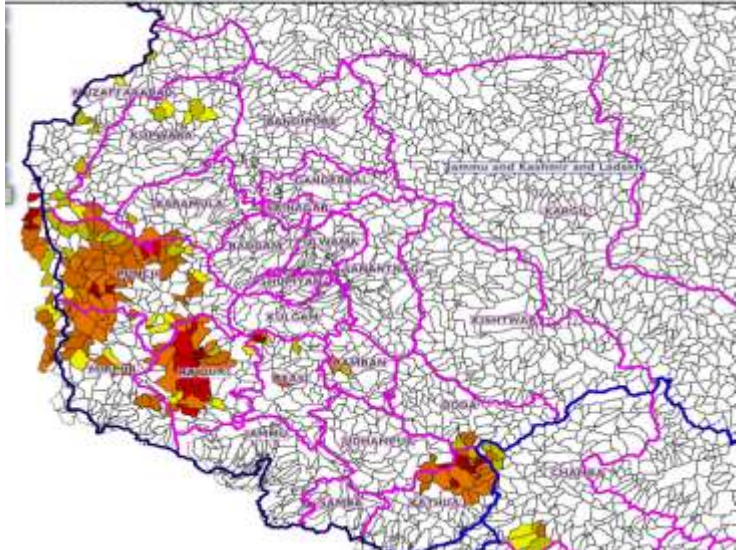
Livestock / Fishery

- Keep the animals inside the shed during heavy rainfall 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.

Agromet advisories for likely impact of Thunderstorm / Hailstorm / Gusty Winds / Squally Winds

- Use hail net or hail cap in fruit orchards and fruit bearing vegetables to prevent mechanical damage due to hail.
- Cover papaya and banana bunches with skirting bags to protect from mechanical damage.
- 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.

Flash Flood Guidance

<p>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 06-10-2025 :</p> <p>Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.</p> <p>Sub-Himalayan West Bengal & Sikkim - East Sikkim, Darjeeling, Jalpaiguri and Kochbihar districts.</p> <p>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.</p>	<p>Product: GFS FFR Timescale: 24-hr Region: "INDIA" Product Date: 2025-10-05 06:00 UTC Valid Date: 2025-10-06 06:00 UTC</p> 
<p>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 06-10-2025 :</p> <p>Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.</p> <p>Jammu & Kashmir & Ladakh - Baramula, Doda, Kathua, Kupwara, Punch, Rajouri, Ramban, Riasi, Udhampur, Mirpur and Muzaffarabad districts.</p> <p>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.</p>	<p>Product: WRF FFR Timescale: 24-hr Region: "INDIA" Product Date: 2025-10-05 06:00 UTC Valid Date: 2025-10-06 06:00 UTC</p> 

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, 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 62-67 kmph

Very Severe: Wind speed > 67 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 118-165 kmph (64 - 89 knots)

Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)

Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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