



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 05th October 2026
Time of Issue: 1325 hours IST

Subject: (i) Under the influence of a Western Disturbance, scattered/fairly widely spread light to moderate rainfall/snowfall is likely over Western Himalayan Region and light rainfall over adjoining plains of northwest India during 06-10th October.

(ii) Isolated heavy to very heavy rainfall likely over Coastal Karnataka & South Interior Karnataka on 5th October, heavy rainfall at isolated places also likely over Tamil Nadu & Kerala on 05th & 06th October, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 05th October, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Sub-Himalayan West Bengal and Tamil Nadu.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Assam, Arunachal Pradesh, Bihar, Kerala, Coastal Karnataka, and South Interior Karnataka.

Withdrawal of southwest Monsoon (Annexure I):

- ❖ The **line of withdrawal of Southwest Monsoon** continues to pass through 27.5°N/86.5°E, Supaul, Ranchi, Raipur, Brahmapuri, Parbhani, Baramati, Harnai and 17.5°N/71.8°E.

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

- ❖ The **trough** from Gangetic West Bengal to Marathwada now runs from Gangetic West Bengal to Madhya Maharashtra in lower tropospheric level.
- ❖ A **trough** runs from northwest Uttar Pradesh to east Bangladesh in lower tropospheric level.
- ❖ The **trough** from northeast Bihar to Northeast Bay of Bengal now runs from northcentral Bihar to north Odisha in lower tropospheric level.
- ❖ A fresh **Western Disturbance** seen as a trough in middle & upper tropospheric westerlies with its axis in middle tropospheric level runs roughly along Long. 64°E to the north of Lat. 32°N.
- ❖ An upper air **cyclonic circulation** over North Interior Karnataka & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from Comorian Area to cyclonic circulation over North Interior Karnataka across Tamil Nadu and South Interior Karnataka in lower tropospheric level.

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

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 6th October and on 9th October.
- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 7th-8th October and during 10th-11th October; Himachal Pradesh during 6th-11th October; Uttarakhand during 5th-11th October.
- ❖ **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 6th-11th October; West Uttar Pradesh during 6th-10th October; East Uttar Pradesh during 5th-10th October; West Rajasthan on 11th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Uttarakhand on 6th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 7th-8th October; Himachal Pradesh during 7th-10th October; Uttarakhand on 5th October and during 7th-9th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 6th-7th October; East Uttar Pradesh on 5th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 8th-9th October.
- ❖ Isolated **thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 9th-10th October; West Uttar Pradesh during 6th-9th October; East Uttar Pradesh during 6th-8th October.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 10th-11th October; Chhattisgarh and East Madhya Pradesh during 6th-10th October; Vidarbha during 6th-7th October.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh and East Madhya Pradesh during 6th-9th October; Vidarbha during 6th-7th October.

East India:

- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands and Jharkhand during 5th-10th October; Sub-Himalayan West Bengal & Sikkim on 6th October and during 10th-11th October; Gangetic West Bengal during 5th-6th October and during 8th-10th October; Bihar during 5th-9th October; Odisha during 5th-11th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Sub-Himalayan West Bengal & Sikkim on 5th October and during 7th-9th October; Gangetic West Bengal on 7th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Bihar, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 5th-9th October; Gangetic West Bengal and Odisha during 5th-8th October.
- ❖ Isolated **thunderstorm & lightning** likely over Andaman & Nicobar Islands during 5th-6th October.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 5th October.
- ❖ **Moderate to severe lightning activity over Gangetic West Bengal during 05th -08th October.**

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 5th-10th October; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 5th-11th October.
- ❖ Isolated **thunderstorm & lightning** likely over Assam & Meghalaya on 5th October; Nagaland, Manipur, Mizoram & Tripura during 5th-6th October.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya on 5th October.

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa and Madhya Maharashtra during 5th-7th October.
- ❖ Isolated **thunderstorm & lightning** likely over Konkan & Goa and Madhya Maharashtra during 5th-6th October.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 5th-11th October; Coastal Karnataka during 7th-11th October; North Interior Karnataka during 5th-6th October and during 9th-10th October; South Interior Karnataka during 6th-11th October; Telangana on 7th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 5th-11th October; Coastal Karnataka during 5th-6th October; South Interior Karnataka on 5th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 5th-9th October; Kerala & Mahe and Lakshadweep during 5th-6th October; Coastal Andhra Pradesh & Yanam and Rayalaseema on 5th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 7th-9th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 6th-8th October.
- ❖ Isolated **thunderstorm & lightning** likely over Coastal Karnataka on 5th October; South Interior Karnataka during 5th-6th October.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 5th-6th October; Kerala & Mahe during 5th-6th October and during 9th-10th October; South Interior Karnataka on 6th October with isolated **very heavy rainfall** also likely over Coastal Karnataka and South Interior Karnataka on 5th October.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 5th-8th October.

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

- ❖ **Hot and humid** weather conditions likely to prevail over Konkan & Goa on 5th October.

Weather conditions and forecast over Delhi/NCR during next 4 days (Annexure IV)

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):

- ❖ **Sub-Himalayan West Bengal:** Soongachi 18
- ❖ **Tamil Nadu:** Alakarai Estate 12, Kothagiri 12, Yedapalli 8, Coonoor 8
- ❖ **Coastal Karnataka:** Shakti Nagar Obsy 11
- ❖ **Kerala & Mahe:** KVK_Idukki_Santhanpara 10

- ❖ Assam: Bajali 10
- ❖ Arunachal Pradesh: Passighat 9
- ❖ Bihar: Kishanganj 7
- ❖ South Interior Karnataka: Sringeri 7

Annexure I

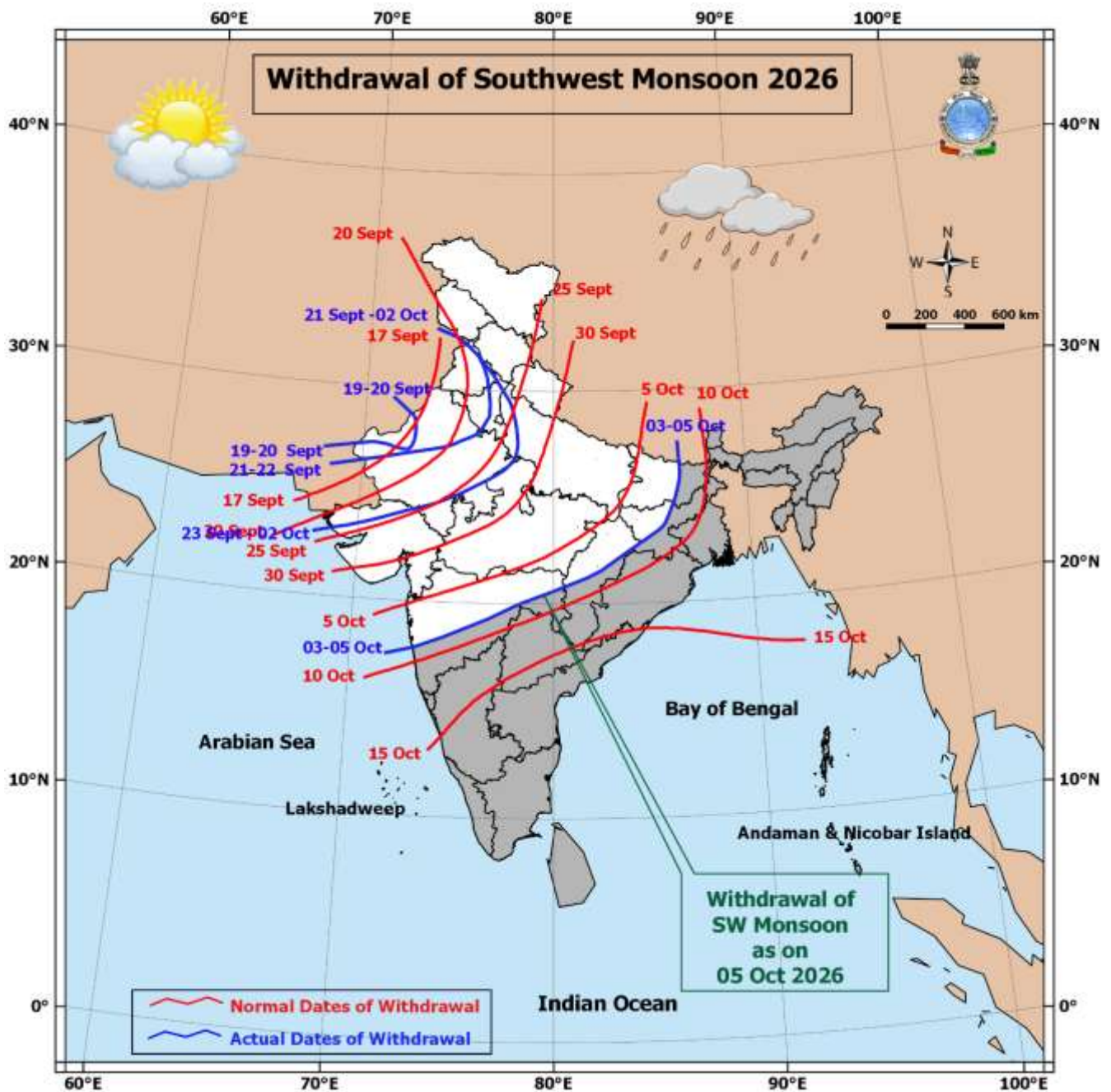
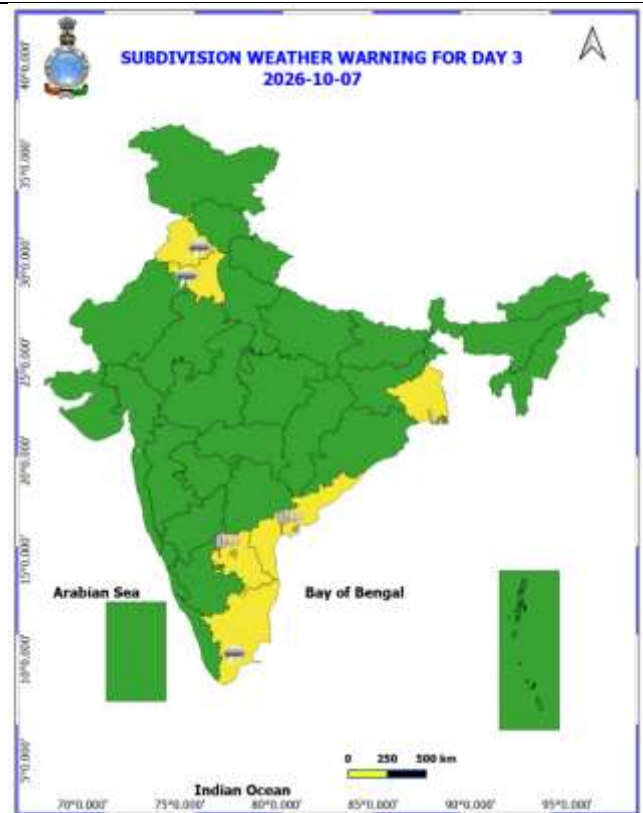
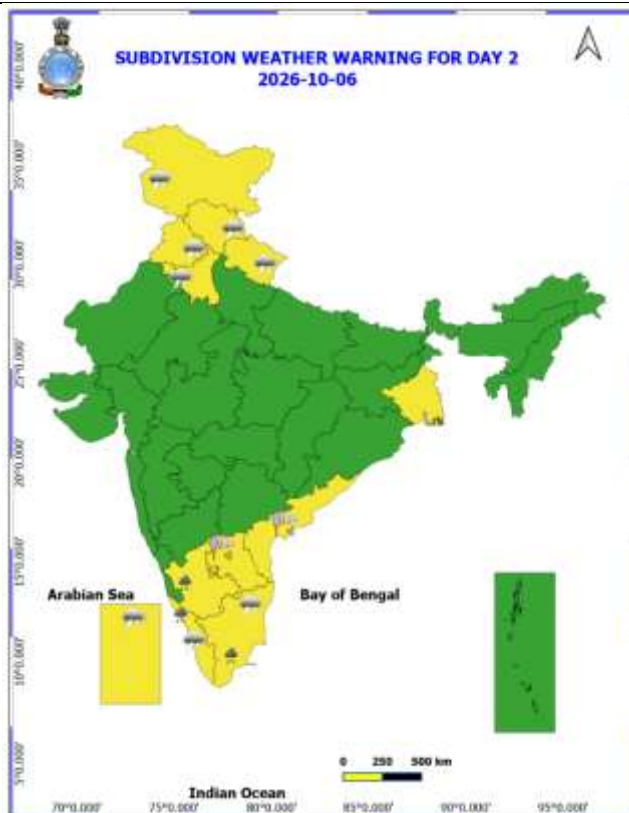
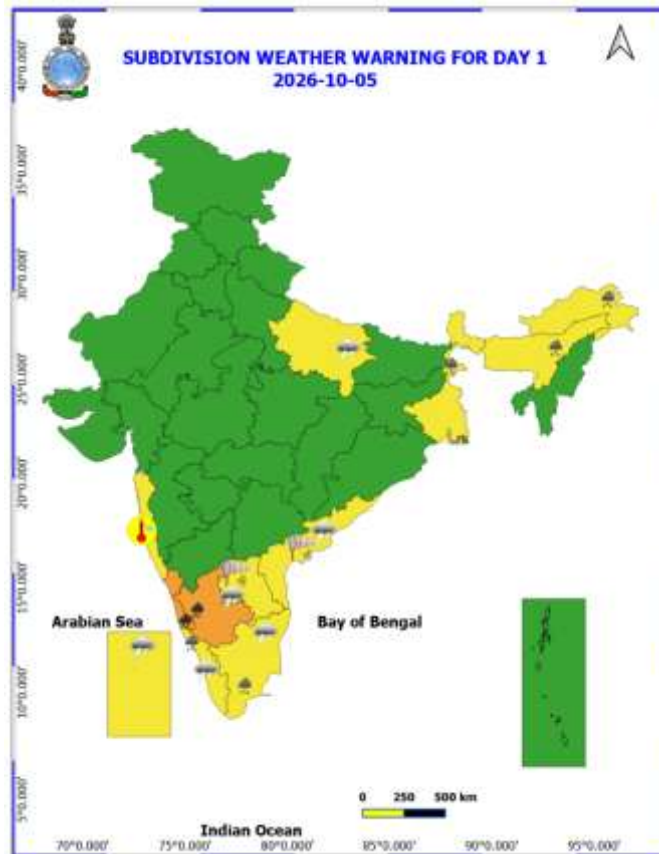
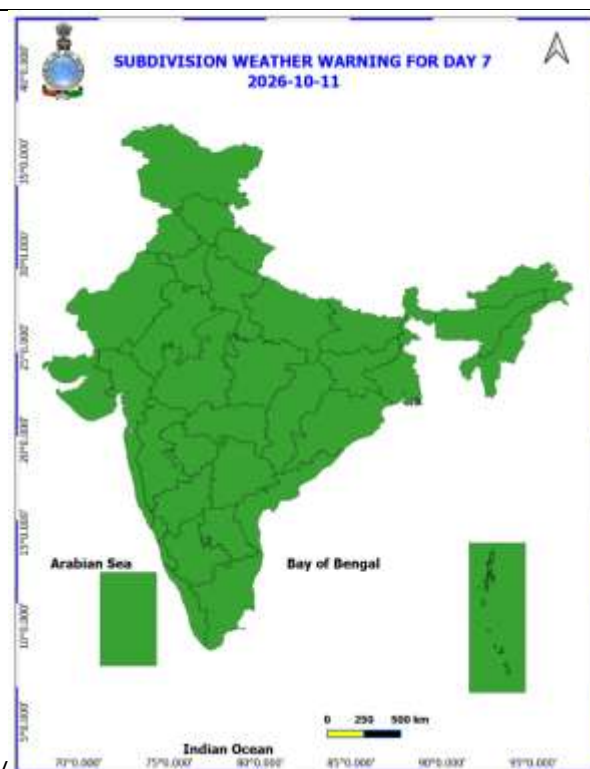
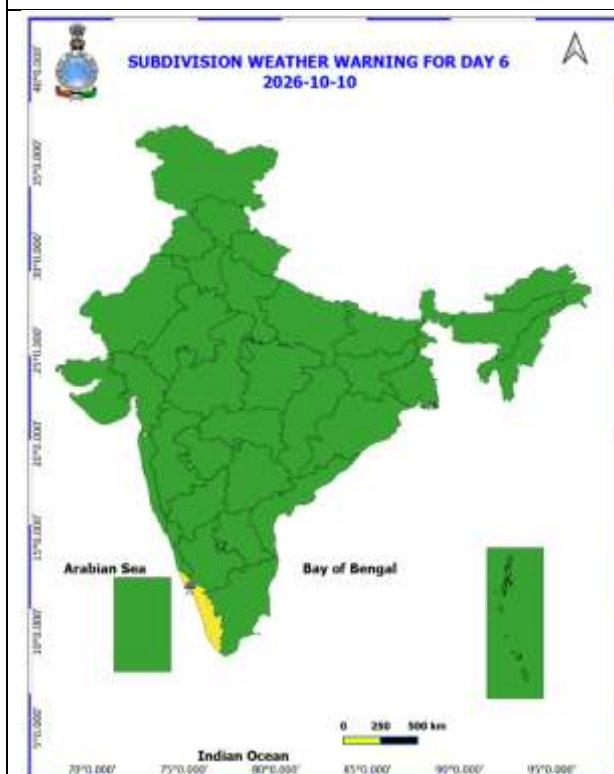
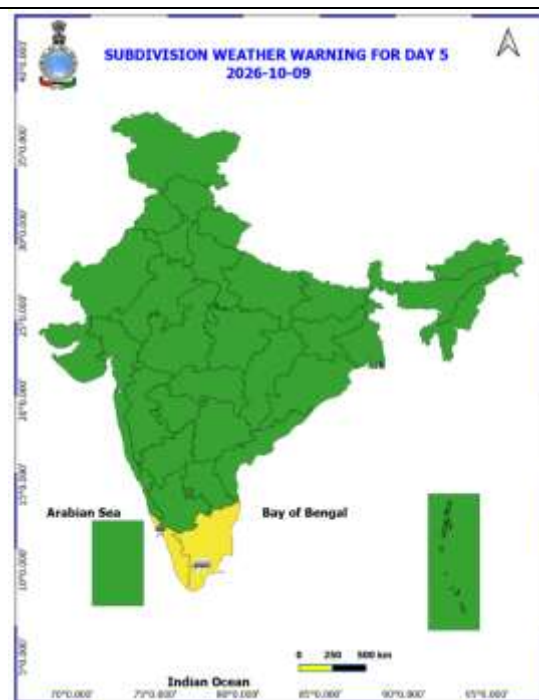
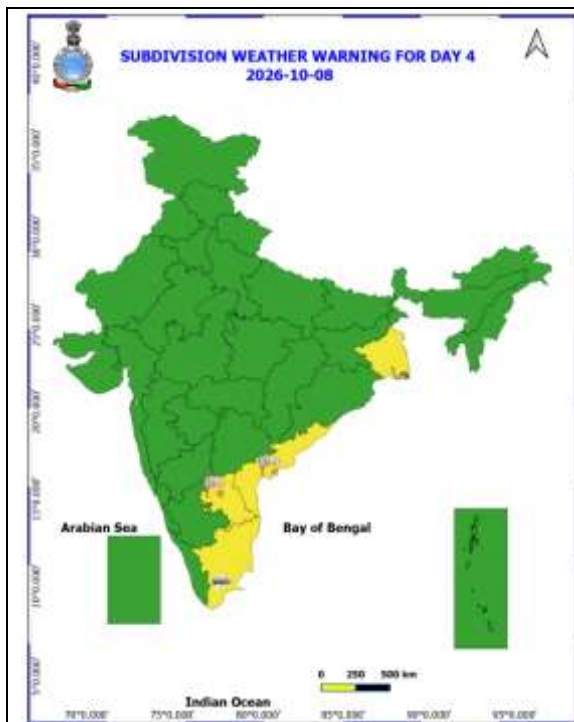


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	5- Oct	6- Oct	7- Oct	8- Oct	9- Oct	10- Oct	11- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	SCT	SCT	SCT	DRY
2	ARUNACHAL PRADESH	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
3	ASSAM & MEHGHALAYA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	SCT	FWS	FWS	FWS	ISOL	ISOL
6	GANGETIC WEST BENGAL	ISOL	SCT	FWS	SCT	ISOL	ISOL	DRY
7	ODISHA	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	SCT	SCT	SCT	ISOL	ISOL	DRY
9	BIHAR	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
11	WEST UTTAR PRADESH	DRY	ISOL	SCT	ISOL	ISOL	ISOL	DRY
12	UTTARAKHAND	ISOL	SCT	SCT	SCT	SCT	SCT	ISOL
13	HARYANA, CHANDIGARH & DELHI	DRY	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
14	PUNJAB	DRY	ISOL	ISOL	SCT	SCT	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	SCT	SCT	SCT	SCT	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	DRY	FWS	SCT	SCT	ISOL	SCT	ISOL
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
20	EAST MADHYA PRADESH	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	ISOL	ISOL	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY	DRY	ISOL	DRY	DRY	DRY	DRY
30	RAYALASEEMA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	FWS	FWS	SCT	SCT	SCT	SCT	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	DRY
34	SOUTH INTERIOR KARNATAKA	FWS	SCT	SCT	SCT	SCT	SCT	ISOL
35	KERALA AND MAHE	FWS	FWS	FWS	FWS	FWS	FWS	FWS
36	LAKSHADWEEP	FWS	FWS	FWS	FWS	FWS	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 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 05th -08th October 2026**Past Weather:**

There has been no large change in maximum and minimum temperatures over Delhi during the past 24 hours. The maximum temperatures were around 35-37°C and the minimum temperatures are in the range 20-24°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-3.0°C to -1.6°C) at isolated places and normal (-1.5°C to 1.5°C) over rest parts of Delhi. The maximum temperatures were appreciably above normal (3.1°C to 5.0°C) at isolated places, above normal (1.6°C to 3.0°C) at a few places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Mainly clear sky with surface wind speed 25 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 20 kmph gusting to 32 kmph from the west direction likely to prevail during forenoon over the region today.

Weather Forecast:

05.10.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 35-37°C. The maximum temperatures will be above normal (1.6°C to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northwest direction with surface wind speed reaching up to 18 kmph during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night hours.

06.10.2026: Partly cloudy sky becoming generally cloudy sky towards afternoon/evening with possibility of a spell of very light rain/drizzle at a few places accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 21°C to 23°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 northwest 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 north direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the northeast direction during evening and night hours.

07.10.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 21°C to 23°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 15 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the northeast direction during evening and night hours.

08.10.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 21°C to 23°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 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 15 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 10 kmph from the northeast direction during evening and night hours.

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

- ❖ Isolated very heavy rainfall also likely over Coastal Karnataka and South Interior Karnataka on 5th October.
- ❖ Moderate to severe lightning activity over Gangetic West Bengal during 05th -08th 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 **Coastal Karnataka**, maintain proper drainage in paddy, arecanut plantations, maize, ginger and orchards to remove excess rainwater and prevent waterlogging. Provide mechanical support to banana and tomato. Postpone irrigation, fertilizer and plant-protection operations while the soil remains saturated.
- In **South Interior Karnataka**, ensure adequate drainage in standing crops, particularly millets and maize, and remove excess water from low-lying fields. Postpone irrigation and other intercultural operations during wet conditions.
- In **Tamil Nadu**, ensure proper drainage in rice, groundnut and vegetable fields and remove excess water from low-lying areas. In banana, provide adequate drainage and support to five-month-old plants to prevent lodging; postpone fertilizer and pesticide application during the rainfall period and undertake harvesting of mature crops during suitable dry intervals.
- In **Keralam**, ensure adequate drainage in paddy, banana, coconut, pepper, ginger, turmeric, vegetables and other standing crops, with priority to low-lying and waterlogged fields. Provide strong support to banana and other vulnerable crops, undertake harvesting of matured paddy during clear weather and keep harvested produce in safe places.
- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, finger millet, soybean and vegetable fields to prevent waterlogging. Harvest mature finger millet, Jhum rice, tomato and chilli during suitable dry intervals and move the produce to safe, covered storage.
- In **Assam and Meghalaya**, maintain effective drainage in rice, sugarcane, soybean, pigeon pea, jute, sesame, maize and vegetable fields, with priority to low-lying areas.
- In **Sub-Himalayan West Bengal and Sikkim**, maintain proper drainage in rice and finger millet nurseries, ginger, tomato, chilli, Dalley khorsani, vegetables and orchards to prevent waterlogging.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

Livestock / Poultry / Fisheries

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

Legends & abbreviations:

Heavy Rain: 64.5-115.5mm; **Very Heavy Rain:** 115.6-204.4mm; **Extremely Heavy Rain:** >204.4mm.

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

Region wise classification of meteorological Sub-Divisions:

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

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

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

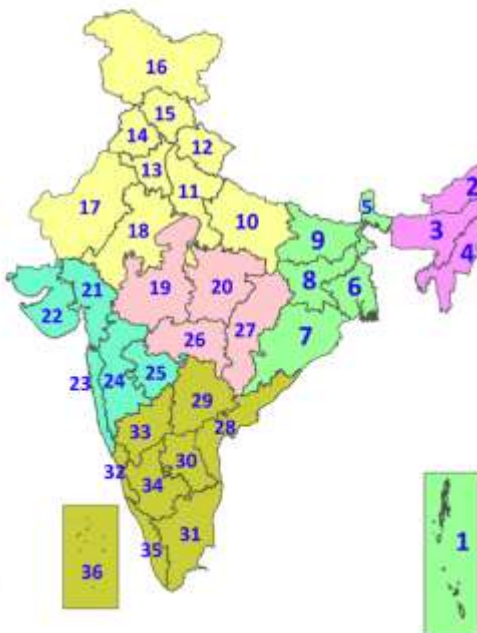
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

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

LEGENDS

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



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

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

COLOUR CODED WARNING

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

Probabilistic Forecast

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

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)

* 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

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