



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 03rd October 2026
Time of Issue: 1345 hours IST

Subject: (i) The Southwest Monsoon has withdrawn from remaining parts of North India, the entire Gujarat & Madhya Pradesh and some parts of Bihar, Jharkhand, Chhattisgarh and Maharashtra.
(ii) Isolated heavy rainfall very likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during 04th -06th October; South Interior Karnataka on 05th & 06th October.
(iii) Isolated heavy rainfall is likely to continue over Assam & Meghalaya and Arunachal Pradesh on 03rd October.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 03rd October, 2026:

- ❖ Heavy rainfall (7-11 cm) has been recorded over Tripura.

Withdrawal of southwest Monsoon:

- ❖ The **line of withdrawal of Southwest Monsoon** passes through 27.5°N/86.5°E, Supaul, Ranchi, Raipur, Brahmapuri, Parbhani, Baramati and Harnai 17.5°N/71.8°E.
- ❖ **Conditions are likely to become favourable** for further withdrawal of southwest monsoon from most parts of Marathwada & Vidarbha, some more parts of Maharashtra & Chhattisgarh and some parts of Telangana & North Interior Karnataka during next 2-3 days.

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

- ❖ An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood with a north-south trough aloft roughly along 92.5° E/24.8° N in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Westcentral Arabian Sea & neighbourhood in lower & middle tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over East Uttar Pradesh & adjoining Bihar in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Southeast Arabian Sea & adjoining Lakshadweep area in lower tropospheric level.
- ❖ An **Upper air cyclonic circulation** seen over Comorin and adjoining area in lower tropospheric level.
- ❖ An **Upper air cyclonic circulation** lies over south coastal Andhra Pradesh and neighbourhood in middle tropospheric levels.
- ❖ A **trough** runs from Northwest Uttar Pradesh to north Gujarat in middle tropospheric level.

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

Northwest India:

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

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 8th-9th October; East Madhya Pradesh during 7th-9th October; Chhattisgarh during 5th-9th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Chhattisgarh during 6th-7th October.

- ❖ Isolated **thunderstorm & lightning** likely over East Madhya Pradesh on 7th October.

East India:

- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal, Odisha and Sub-Himalayan West Bengal & Sikkim during 3rd-9th October; Jharkhand during 5th-9th October; Bihar during 6th-9th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 3rd October; Odisha during 6th-7th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jharkhand on 5th October; Bihar during 7th-8th October.

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 3rd-9th October.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh on 3rd October; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 3rd-4th October.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya on 3rd October.

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa and Madhya Maharashtra during 6th-9th October.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 3rd-9th October; Kerala & Mahe during 7th-8th October; Lakshadweep during 4th-9th October; Coastal Karnataka on 3rd October; South Interior Karnataka during 3rd-4th October and during 7th-9th October; Telangana during 5th-7th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 3rd-6th October and on 9th October; Lakshadweep on 3rd October; Coastal Karnataka during 4th-9th October; South Interior Karnataka during 5th-6th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 4th-6th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe during 3rd-6th October; Lakshadweep on 3rd October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 3rd-7th October; Telangana during 5th-7th October.
- ❖ Isolated **heavy rainfall** likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during 4th-6th October; South Interior Karnataka during 5th-6th October.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 3rd-7th October.

Hot & Humid weather warning:

- ❖ **Hot and humid** weather conditions likely to prevail over Konkan & Goa during 3rd-5th October.

Fishermen warning:

Fishermen are advised not to venture:

- ❖ **Arabian Sea:** Along and off Kerala coast, Lakshadweep areas, Maldives and Comorian area adjoining few parts of eastcentral and southeast Arabian Sea and along and off Somalia coast adjoining few parts of southwest Arabian Sea on 03rd October 2026.

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):

- ❖ **Tripura:** Kailashahar Aero 8.

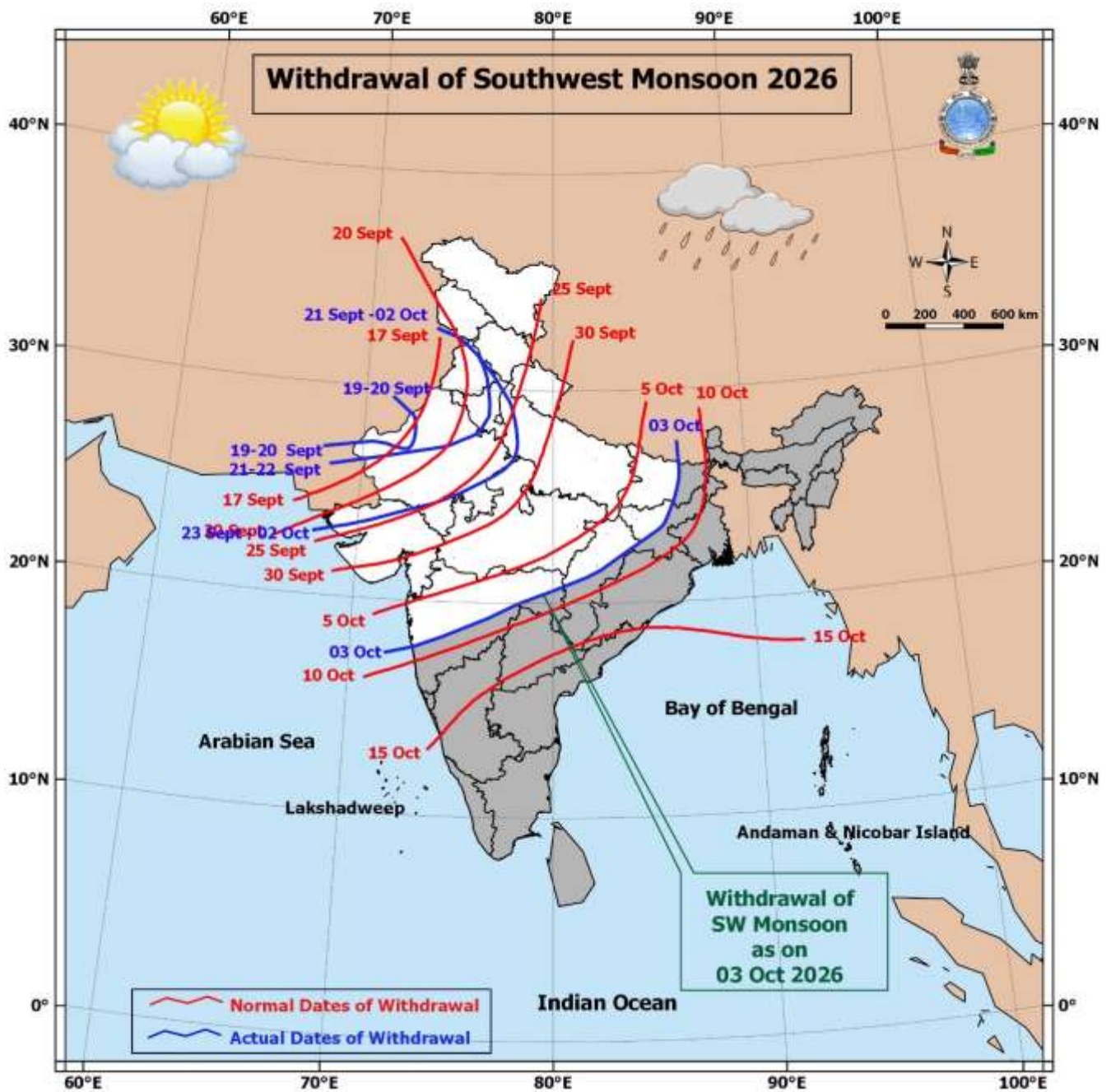
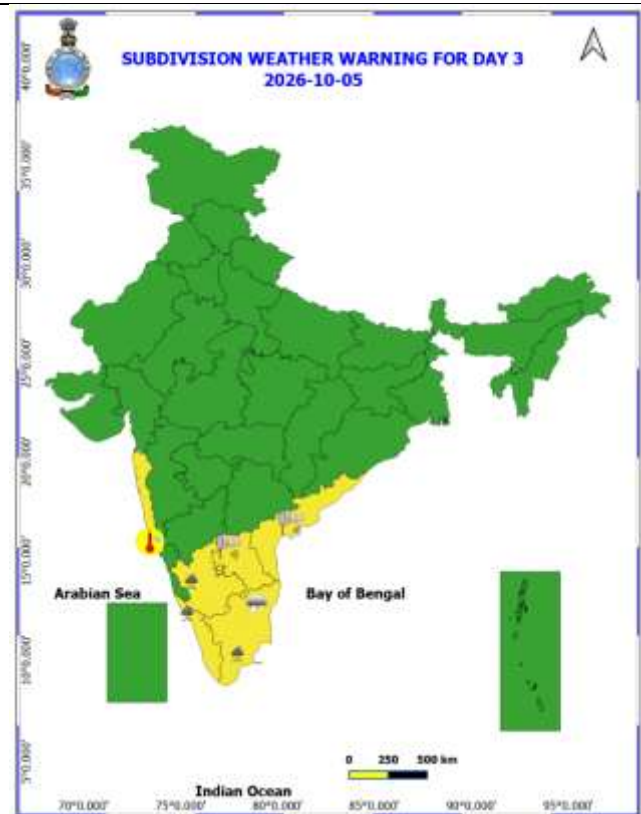
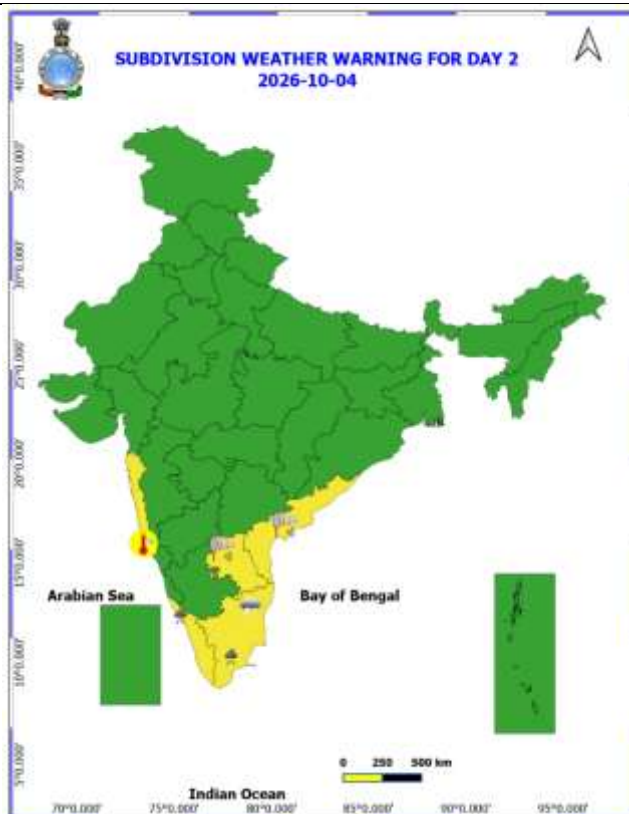
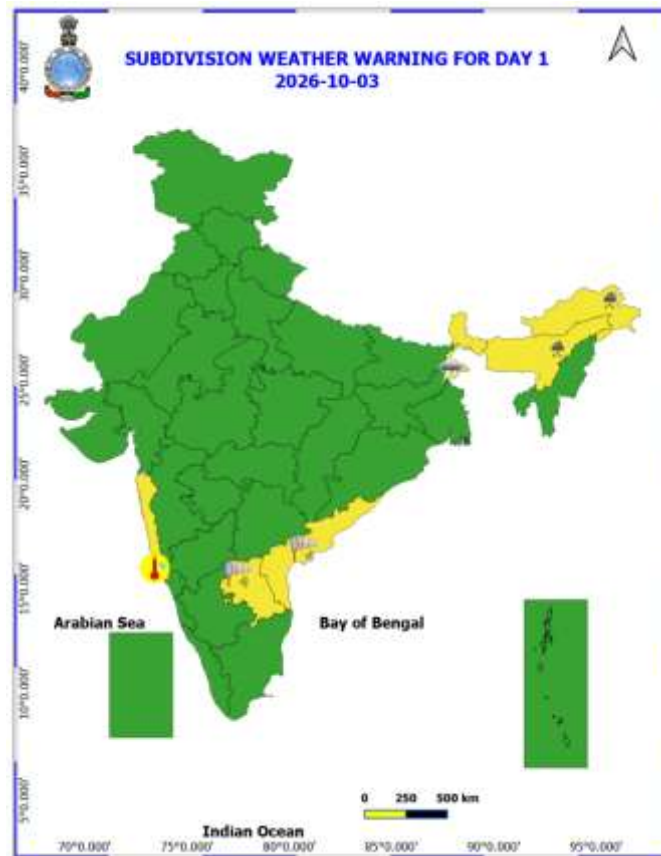
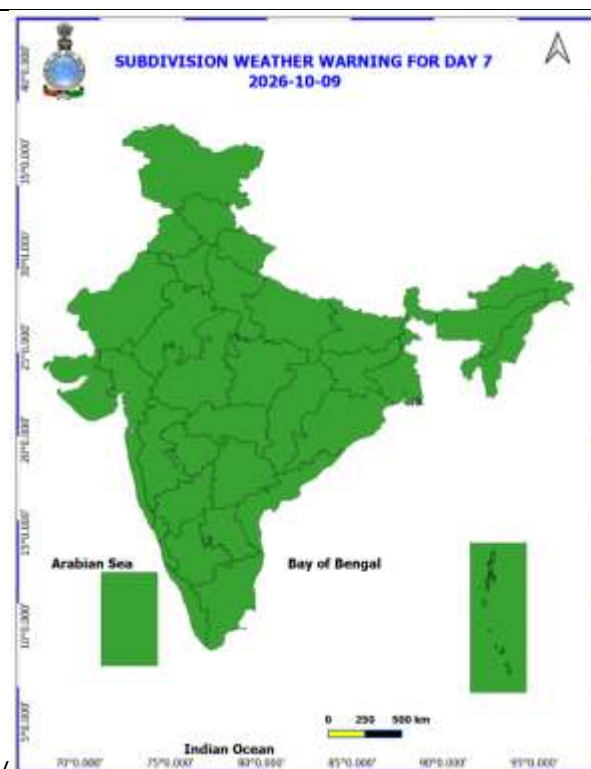
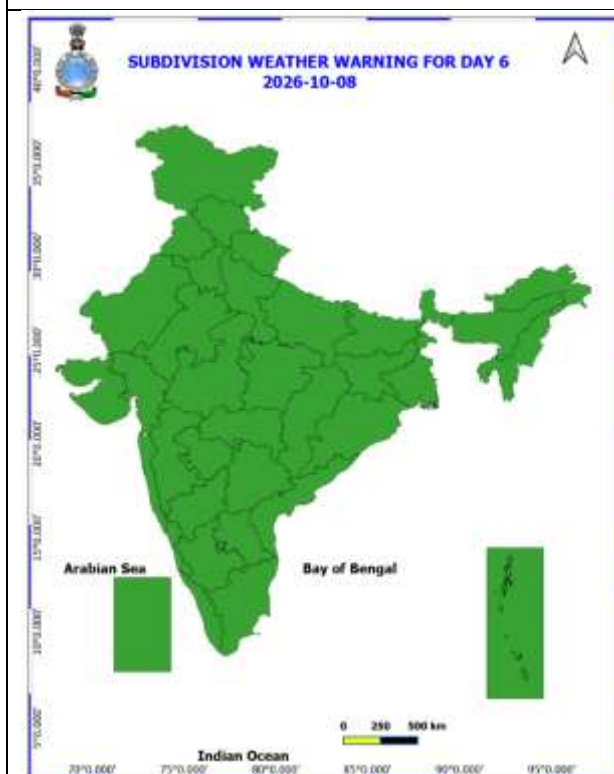
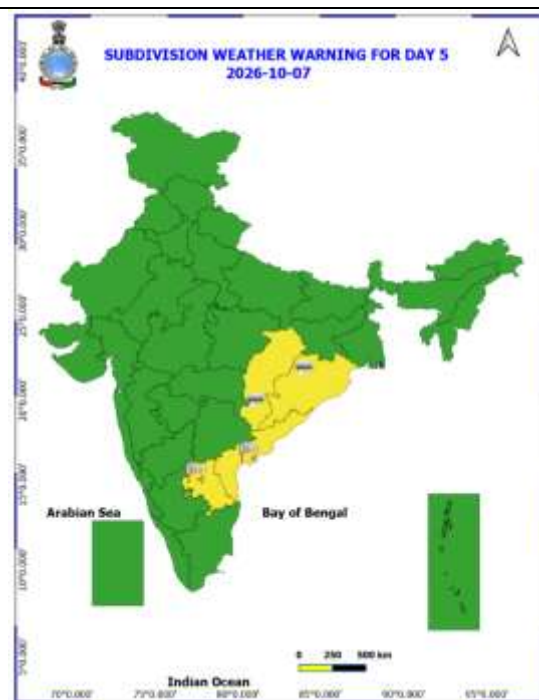
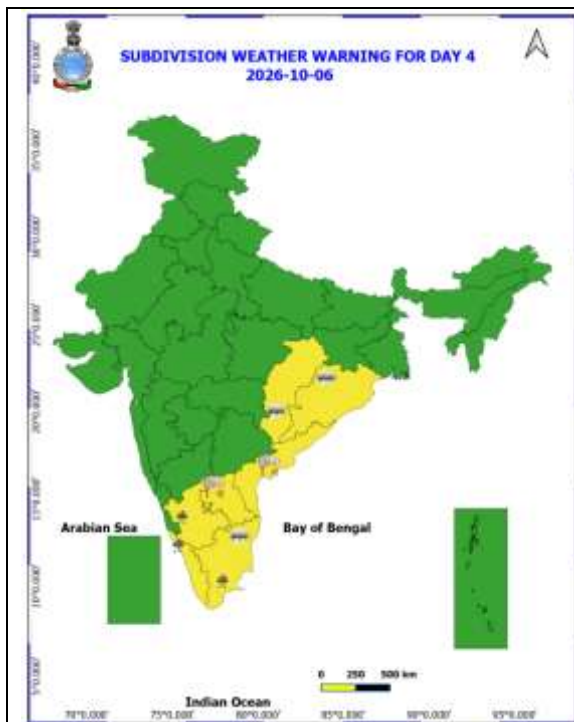


Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	3- Oct	4- Oct	5- Oct	6- Oct	7- Oct	8- Oct	9- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	SCT	SCT	ISOL	SCT	ISOL	ISOL	ISOL
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	DRY	DRY	ISOL	SCT	SCT	SCT	SCT
9	BIHAR	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
12	UTTARAKHAND	DRY	DRY	ISOL	SCT	SCT	SCT	SCT
13	HARYANA, CHANDIGARH & DELHI	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	ISOL	SCT	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	SCT	SCT	FWS
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
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	DRY	DRY	DRY	ISOL	ISOL	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHHATTISGARH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY	DRY	ISOL	ISOL	ISOL	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	SCT	SCT	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
32	COSTAL KARNATAKA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	SCT	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	SCT	FWS	FWS	SCT	ISOL	ISOL
35	KERALA AND MAHE	FWS	FWS	FWS	SCT	SCT	SCT	FWS
36	LAKSHADWEEP	FWS	SCT	SCT	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 03rd -06th 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 34-36°C and the minimum temperatures are in the range 20-23°C respectively during past 24 hours over Delhi. The minimum 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. The maximum temperatures were 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. Mainly clear sky with surface wind speed 22 kmph gusting to 36 kmph from the west direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 18 kmph from the southwest direction likely to prevail during forenoon over the region today.

Weather Forecast:

03.10.2026: Mainly clear sky. The maximum temperatures over Delhi are likely to be in the range of 34-36°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 northwest direction with surface wind speed reaching up to 22 kmph during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the west direction during evening and night hours.

04.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 22°C to 24°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 22 kmph during the morning hours. The surface wind speed will increase becoming up to 25 kmph from the northwest direction during afternoon. The surface wind speed will decrease becoming up to 18 kmph from the west direction during evening and night hours.

05.10.2026: Mainly clear sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 22°C to 24°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 15 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.

06.10.2026: Mainly clear 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 southeast direction with wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 18 kmph from the southeast direction during afternoon. The surface wind speed will increase becoming up to 20 kmph from the southeast direction during evening and night hours.

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, maintain proper drainage in rice, finger millet, soybean and vegetable fields to remove excess water and prevent waterlogging. Harvest mature upland/Jhum rice, finger millet, soybean and vegetables during suitable dry intervals and move the produce to safe, covered storage. Continue harvesting mature tomato and chilli and protect vegetable vines with adequate staking/support.
- In **Assam and Meghalaya**, maintain effective drainage in rice, maize, soybean, pigeon pea and vegetable fields, keeping field channels clear to prevent waterlogging. In Assam, maintain drainage furrows in pigeon pea and protect sugarcane from lodging; harvest mature jute and vegetables wherever conditions permit and postpone fertilizer, pesticide and other field operations during wet conditions.
- In the regions expecting heavy rainfall, including **Tamil Nadu and Kerala** withhold irrigation in standing crops, make necessary arrangements to remove excess rain water from the crop fields.

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:64.5115.5mm; **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.

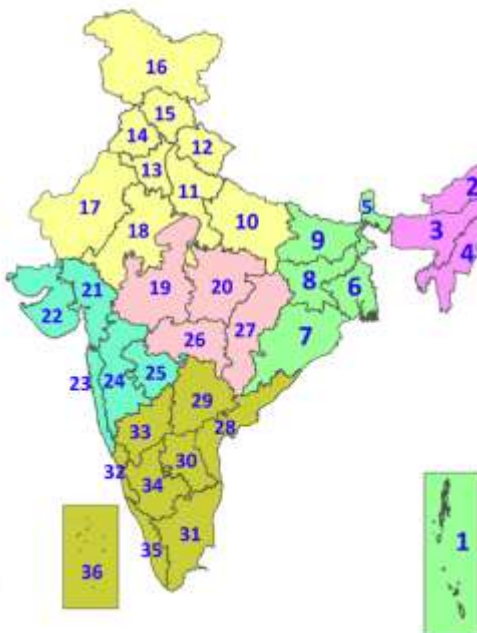
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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)

* 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)