



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 05th September 2026

Time of Issue: 1320 hours IST

Subject: (i) Under the influence of Low-Pressure Area over northwest Madhya Pradesh & adjoining southwest Uttar Pradesh, isolated heavy to very heavy rainfall very likely over East Rajasthan & West Madhya Pradesh on today, the 05th September, 2026.

(ii) Subdued rainfall activity likely to continue over Peninsular India during next 6-7 days.

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

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over East Rajasthan, West Madhya Pradesh and Arunachal Pradesh.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Delhi, Uttarakhand, Haryana, Uttar Pradesh, Bihar, Sub-Himalayan West Bengal, Assam, Nagaland and Tamil Nadu.

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

- ❖ The western end of the **monsoon trough** at mean sea level is near its normal position and eastern end to the north of normal position.
- ❖ Yesterday's **Well Marked low pressure area** over central parts of northern Madhya Pradesh & adjoining south Uttar Pradesh lay over northwest Madhya Pradesh & adjoining southwest Uttar Pradesh at 0530 IST and weakened into a Low Pressure Area over the same region at 0830 hrs IST of today, the 05th September 2026. It is likely to move east-northeastwards during next 2 days.
- ❖ A **trough** runs from south Haryana to south Assam in lower tropospheric levels.
- ❖ A **trough** runs from south Gujarat to north Bangladesh in lower & middle tropospheric levels.
- ❖ A **trough** runs from south Telangana to Gulf of Munnar in lower tropospheric level.
- ❖ The **Western Disturbance** as a trough in middle & upper tropospheric level runs roughly along Long. 68°E to the north of Lat. 28°N.

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

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 5th September; Uttarakhand during 5th-11th September.
- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Haryana Chandigarh & Delhi on 5th September; East Rajasthan and West Uttar Pradesh during 5th-6th September; East Uttar Pradesh during 6th-8th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over rest parts of northwest India.
- ❖ Isolated **heavy rainfall** likely over Uttarakhand during 5th-7th September and during 10th-11th September; Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh during 5th-6th September; East Uttar Pradesh during 5th-8th September; East Rajasthan on 6th September with isolated **very heavy rainfall** also likely over East Rajasthan on 5th September.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 5th-6th September; East Madhya Pradesh during 5th-8th September; Vidarbha on 11th September; Chhattisgarh during 8th-11th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 7th-11th September; East Madhya Pradesh during 9th-11th September; Vidarbha during 5th-10th September; Chhattisgarh during 5th-7th September.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 6th-7th September; East Madhya Pradesh during 5th-8th September and Chhattisgarh during 09th -11th September with isolated **very heavy rainfall** also likely over West Madhya Pradesh on 5th September.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 5th-11th September; Gangetic West Bengal during 7th-11th September; Jharkhand during 8th-10th September; Bihar during 5th-7th September and on 11th September; Odisha during 9th-11th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over Gangetic West Bengal during 5th-6th September; Jharkhand during 5th-7th September and on 11th September; Bihar during 8th-10th September; Odisha during 5th-8th September.
- ❖ Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 5th-7th September and on 11th September; Gangetic West Bengal during 8th-9th September; Jharkhand on 9th September; Bihar during 6th-8th September; Odisha during 9th-11th September with isolated **very heavy rainfall** also likely over Bihar on 5th September.

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 5th-11th September; Assam & Meghalaya during 5th-7th September and during 10th-11th September.
- ❖ **Isolated to Scattered** rainfall likely over Assam & Meghalaya during 8th-9th September.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura during 5th-8th September; Assam & Meghalaya during 5th-9th September.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 5th-11th September.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 5th-9th September.
- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa during 10th-11th September; Gujarat Region, Madhya Maharashtra, Marathawada and Saurashtra & Kutch during 5th-11th September.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Kerala & Mahe, North Interior Karnataka, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Telangana during 5th-11th September; Lakshadweep during 5th-8th September; Coastal Karnataka during 5th-7th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Lakshadweep during 9th-11th September; Coastal Karnataka during 8th-11th September.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 5th-6th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior Karnataka and South Interior Karnataka during 5th-6th September.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe on 05th September.
- ❖ Strong Surface Winds likely over North Interior Karnataka, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 5th-6th September.

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off Somalia coast adjoining few parts of southwest & westcentral Arabian Sea on 05th and 09th September, off Oman coast adjoining few parts of westcentral & northwest Arabian Sea during 06th to 09th September, off Somalia coast adjoining few parts of southwest & westcentral Arabian Sea on 08th September.

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):

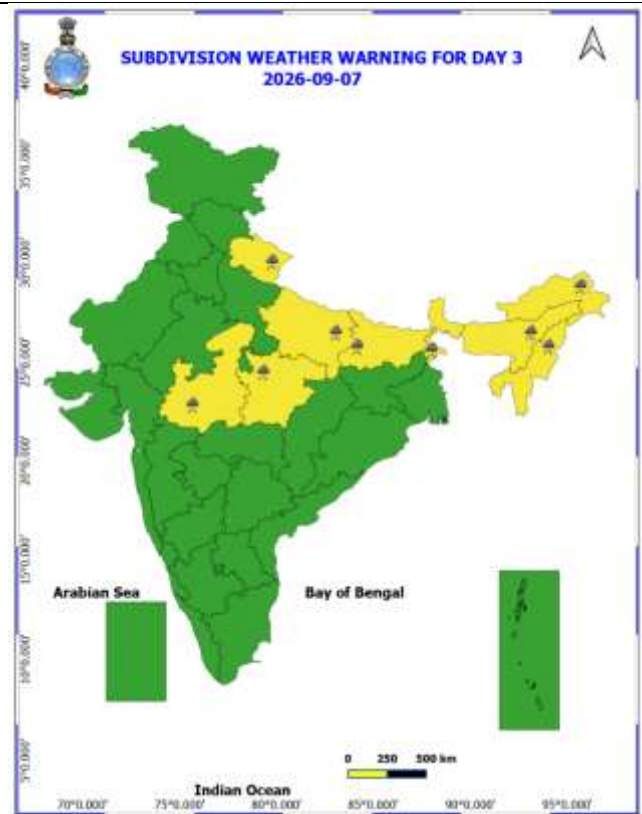
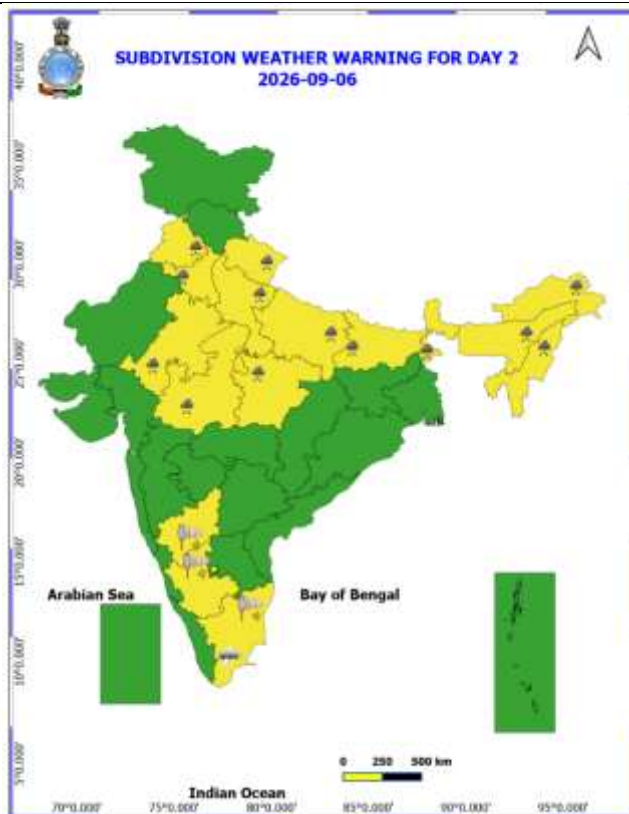
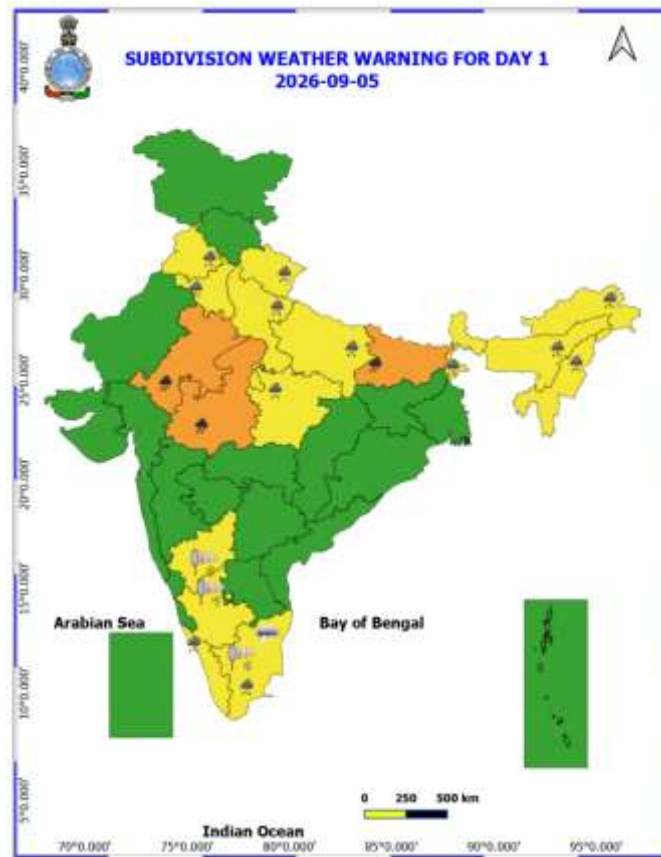
- ❖ **West Madhya Pradesh:** Bairad (Shivpuri) 15
- ❖ **East Rajasthan:** Khandar (Sawai Madhopur) 13
- ❖ **Arunachal Pradesh:** Tezu (CWC) 12
- ❖ **West Uttar Pradesh:** Pawayan (Shahjahanpur) 11
- ❖ **Nagaland:** Jharnapani 11

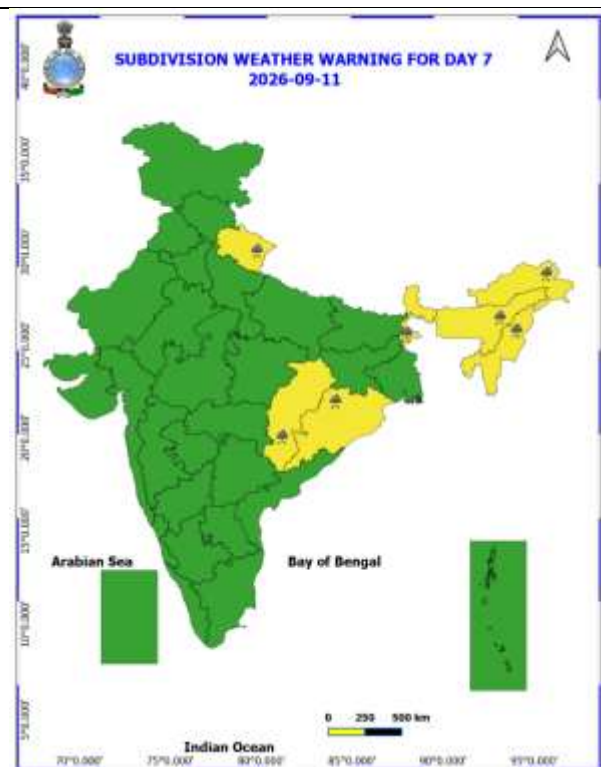
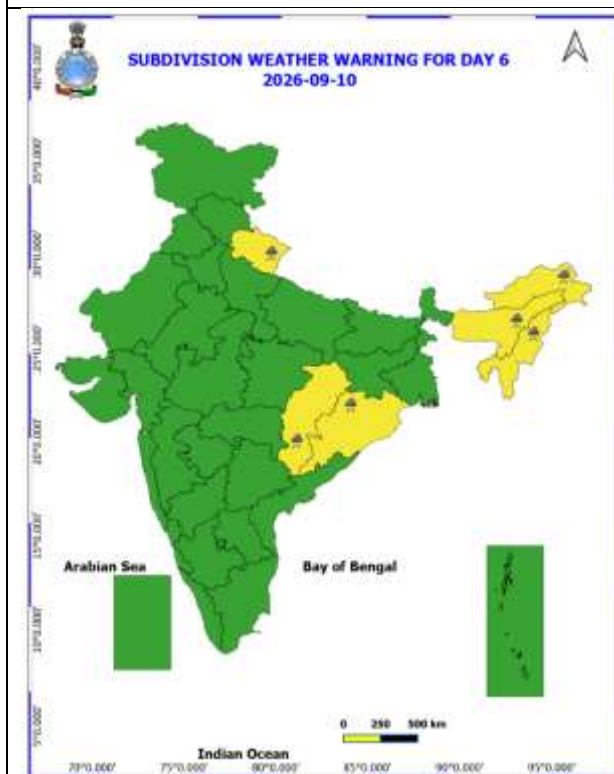
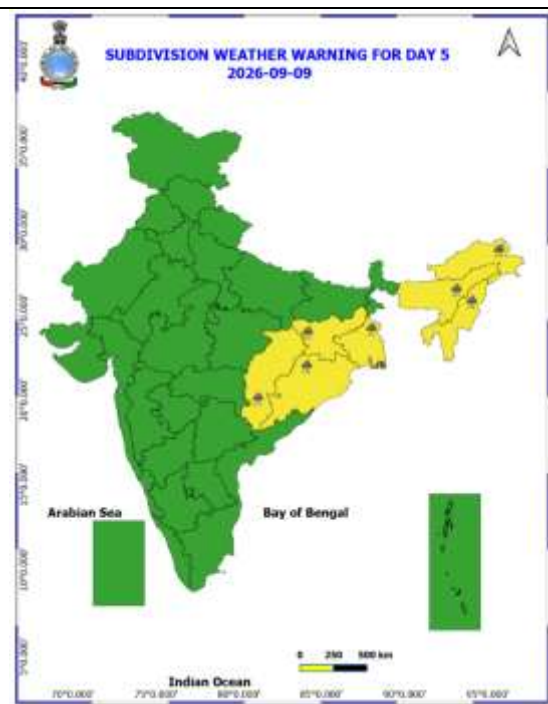
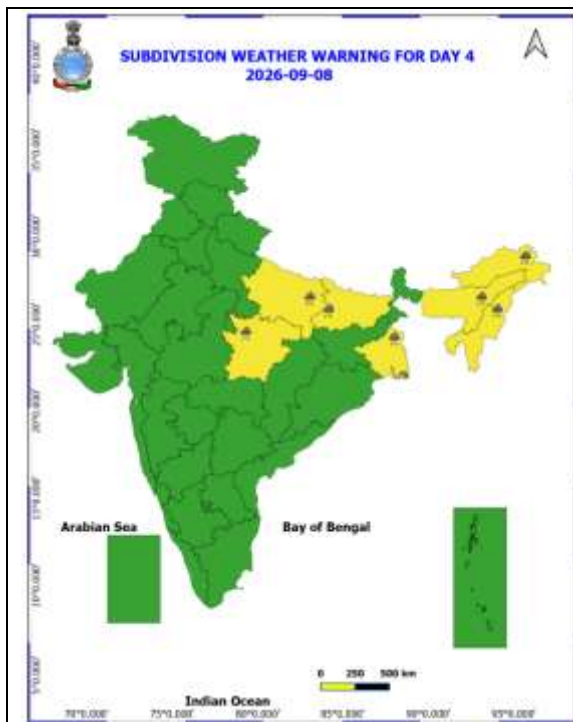
- ❖ **Haryana:** Panchkula (dist Panchkula) 10
- ❖ **Sub-Himalayan West Bengal:** Indong 9
- ❖ **Assam:** Nt Xing (Ranganadi) 9
- ❖ **Delhi:** Palam (dist New Delhi) 8
- ❖ **Bihar:** Siwan 8
- ❖ **Tamil Nadu:** Periyar (Madurai) 8
- ❖ **Uttarakhand:** Munsiyari-7
- ❖ **East Uttar Pradesh;** Dhanghata (Sant Kabir Nagar) 7.

Annexure I

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

There has been no change in maximum temperatures and fall in minimum temperatures by 2-3°C over Delhi during the past 24 hours. The maximum temperatures were 32-35°C and the minimum temperatures are in the range 22-25°C respectively during past 24 hours over Delhi. The minimum temperatures are appreciably below normal (-3.1°C to -5.0°C) at isolated places, below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5 to 1.5°C) at remaining parts of Delhi. The maximum temperatures were below normal (-1.6°C to -3.0°C) at isolated places and normal (-1.5 to 1.5°C) at remaining parts of Delhi. Generally cloudy sky with surface wind speed 20 kmph gusting to 46 kmph from the southeast direction prevailed over Delhi during past 24 hours. Light to moderate rain has been occurred at most places with heavy rain at isolated place over Delhi during past 24 hours. Generally cloudy sky wind speeds up to 30 kmph gusting to 52 kmph likely to prevail from the east direction during forenoon over the region today.

Weather Forecast:

05.09.2026: Generally cloudy sky. A few spells of light to moderate rain at most places accompanied with thunderstorm/lightning with one or two spells of heavy rainfall at isolated places. The maximum temperatures over Delhi are likely to be in the range of 29-31°C. The maximum temperatures will be appreciably below normal (-3.1°C to -5.0°C) at most places over Delhi. The predominant surface wind is likely to be from the northeast direction with surface wind speed reaching up to 20 kmph during the afternoon. The wind speed will decrease becoming up to 18 kmph from northeast direction during the evening and night.

06.09.2026: Generally cloudy sky. A spell of very light to light rain at many places during afternoon/evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 24°C to 26°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 (-1.6°C to -3.0°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 10 kmph during the morning. The surface wind speed will increase becoming up to 15 kmph from the northeast direction during afternoon. The surface wind speed will increase becoming up to 18 kmph from the southeast direction during evening and night hours.

07.09.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 23°C to 25°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 south direction with surface wind speed reaching up to 10 kmph from during morning hours. The wind speed will increase becoming up to 15 kmph from northwest direction during afternoon. The wind speed will increase becoming up to 18 kmph from northwest direction during evening and night.

08.09.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 24°C to 26°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 25 kmph during the morning hours. The surface wind speed will decrease becoming up to 22 kmph from the northwest direction during afternoon. The wind speed will increase becoming up to 25 kmph from northwest direction during evening and night.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ **Isolated heavy to very heavy rainfall very likely over East Rajasthan, West Madhya Pradesh and Bihar on 05th September.**

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 Madhya Pradesh**, ensure proper drainage in soybean, maize, cotton, sugarcane and vegetable fields to prevent waterlogging. Keep drainage channels clear and remove excess water promptly from low-lying areas.
- **In East Rajasthan**, maintain proper drainage in soybean, maize, paddy, cotton, millet and vegetable fields and promptly drain excess water from low-lying areas.
- **In Arunachal Pradesh**, maintain proper drainage in soybean, rice, maize, finger millet, chilli and other standing crops to prevent waterlogging. Harvest mature soybean and banana wherever field conditions permit and store the produce safely. Maintain good aeration in rice and remove decaying plant parts from soybean.
- **In Assam and Meghalaya**, maintain effective drainage in rice, pigeon pea, sugarcane, soybean, jute and vegetable fields and keep field channels clear. Drain excess water from already sown sesame, green gram and black gram and undertake sowing only when soil conditions become workable. In Meghalaya, ensure drainage in maize, rice and vegetable fields and provide support to banana, papaya and cucurbits; harvest mature maize and dry it promptly.
- **In Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in rice, soybean, groundnut, black gram, ginger and vegetable fields to prevent water stagnation. Strengthen terrace bunds and drainage channels in rice fields and ensure strict drainage in ginger. Harvest mature crops during suitable weather and avoid field operations while the soil remains excessively wet.
- **In Sub-Himalayan West Bengal and Sikkim**, maintain proper drainage in rice, vegetable fields and orchards to prevent water stagnation. Keep appropriate water levels in rice fields, protect jute fibre during retting from rain, and provide support to brinjal and okra to prevent lodging.
- **In Gangetic West Bengal**, maintain proper drainage in transplanted Aman rice fields and vegetable nurseries and keep drainage channels clear. Harvest mature jute wherever conditions permit and maintain drainage before sowing mung and kalai, which are highly susceptible to waterlogging.
- **In Bihar**, maintain proper drainage in rice and maize fields and remove excess water from low-lying areas. Monitor rice for bacterial leaf blight under humid conditions and undertake weeding and other field operations only when soil conditions permit. Harvest mature makhana wherever ready.
- **In Punjab**, maintain proper drainage in maize and other standing crop fields and remove excess water from crop fields and orchards. Avoid allowing water to stagnate in maize and adjust vegetable sowing/transplanting and chemical applications according to field conditions. Provide support to sugarcane to minimise lodging.

- **In Haryana**, maintain proper drainage in standing crop fields and promptly remove excess water from cotton fields. Withhold irrigation in cotton and paddy where adequate rainfall has been received and harvest mature vegetables during suitable weather conditions.
- **In West Uttar Pradesh**, maintain proper drainage in pigeon pea, pulse, oilseed, turmeric, ginger and vegetable fields, particularly in low-lying areas. Drain excess water from standing crops and postpone sowing, fertilizer application and plant-protection operations in saturated fields until suitable soil conditions prevail.
- **In Tamil Nadu**, provide support to banana, papaya and moringa and undertake propping in sugarcane to minimise lodging. Continue maize sowing and tomato transplanting only where field conditions permit, preferably using ridge-and-furrow systems for effective drainage.
- **In Kerala**, maintain proper drainage in paddy, banana and vegetable fields, particularly in low-lying areas, to prevent waterlogging. Ensure proper drainage around arecanut and other plantation crops and avoid fertilizer and plant-protection applications during rainy spells.

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.

Flash Flood Guidance:

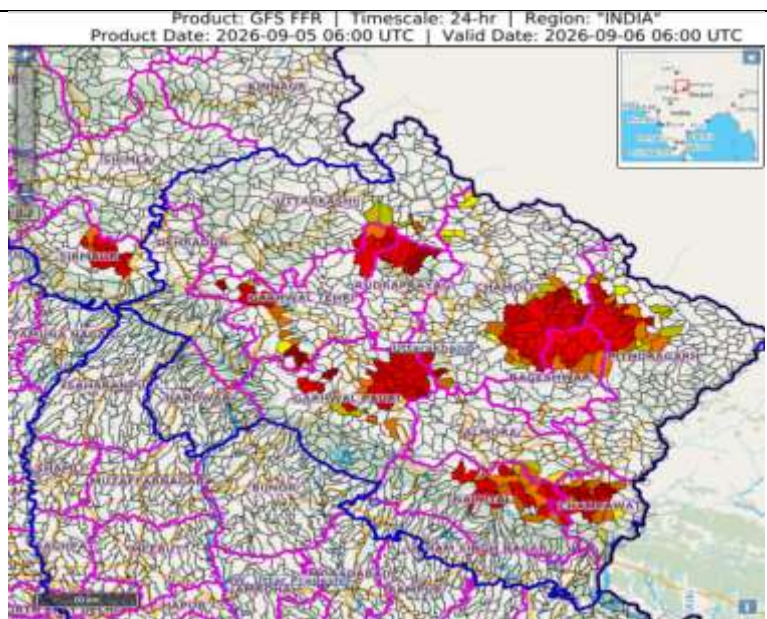
Flash Flood Risk (FFR) till 1130 IST of 06-09-2026:

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

Uttarakhand - Bageshwar, Chamoli, Champawat, Nainital, Rudraprayag, Tehri Garwal, Pauri Garhwal and Uttarkashi districts.

Himachal Pradesh - Sirmour district.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.



Legends & abbreviations:

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

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

Region wise classification of meteorological Sub-Divisions:

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

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

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

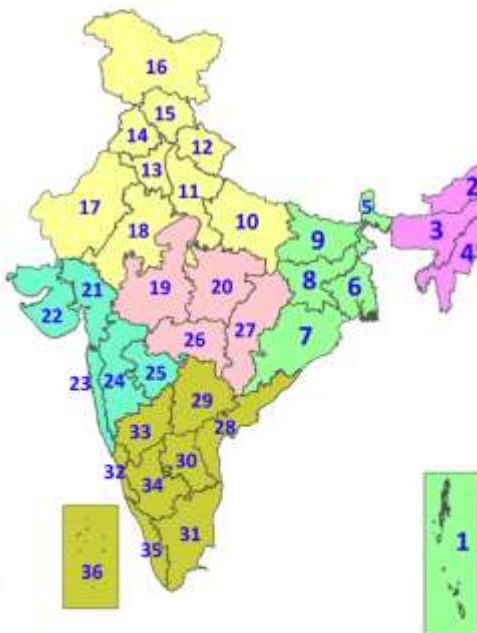
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

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

LEGENDS

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



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

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

COLOUR CODED WARNING

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

Probabilistic Forecast

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

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

DEFINITION/CRITERIA

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

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