



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 09th September 2026

Time of Issue: 1305 hours IST

Subject: Under the influence of likely formation of a low-pressure area over north Bay of Bengal & neighbourhood, isolated heavy to very heavy rainfall likely over Odisha during 9th-11th September with isolated extremely heavy falls on 10th September. Isolated heavy rainfall also likely over Gangetic West Bengal during 9th-11th, over Chhattisgarh during 10th-13th, Coastal Andhra Pradesh on 10th & 11th, and Telangana during 10th-13th September; Madhya Pradesh on 11th & 12th September, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 09th September, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Tripura.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over Andaman & Nicobar Islands, West Bengal & Sikkim, Bihar, Jharkhand and Assam.

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

- ❖ The western end of **monsoon trough** is north of its normal position and eastern end is near its normal position at mean sea level.
- ❖ An **upper air cyclonic circulation lay** over north Bay of Bengal & adjoining Bangladesh coast in lower & middle tropospheric level. Under its influence, a **Low-Pressure Area** is likely to form over North Bay of Bengal & neighbourhood on 10th September, 2026.
- ❖ A **trough** runs from Rayalaseema to Gulf of Mannar in lower tropospheric level.
- ❖ An **upper air cyclonic circulation lay** over Saurashtra & neighbourhood in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** over north Haryana & neighbourhood in lower tropospheric level.
- ❖ The **Western Disturbance** as a cyclonic circulation lies over northwest Uttar Pradesh & neighbourhood in middle tropospheric levels.

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 9th-15th September; Himachal Pradesh during 9th-13th September; Uttarakhand during 9th-10th September and on 15th September.
- ❖ **Isolated to Scattered** rainfall likely over East Uttar Pradesh, Haryana Chandigarh & Delhi and Punjab during 9th-15th September; West Uttar Pradesh during 11th-15th September; West Rajasthan during 12th-15th September; East Rajasthan on 9th September and during 11th-15th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Himachal Pradesh during 14th-15th September; Uttarakhand during 11th-14th September.
- ❖ Isolated **thunderstorm & lightning** likely over Uttarakhand during 10th-14th September; East Uttar Pradesh during 9th-10th September.
- ❖ Isolated **heavy rainfall** likely over Uttarakhand during 10th-13th September; Haryana Chandigarh & Delhi and Punjab during 14th-15th September.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 9th-11th September; East Madhya Pradesh and Vidarbha during 9th-10th September and on 15th September; Chhattisgarh on 9th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over West Madhya Pradesh during 12th-15th September; East Madhya Pradesh and Vidarbha during 11th-14th September; Chhattisgarh during 10th-15th September.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh, East Madhya Pradesh and West Madhya Pradesh during 9th-13th September; Vidarbha during 11th-13th September.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 12th-14th September; East Madhya Pradesh on 11th September; Vidarbha during 12th-13th September; Chhattisgarh during 10th-11th September and on 13th September with isolated **very heavy rainfall** also likely over Chhattisgarh on 12th September.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands and Sub-Himalayan West Bengal & Sikkim during 9th-15th September; Gangetic West Bengal, Jharkhand and Odisha during 9th-12th September; Bihar on 9th September.
- ❖ **Isolated to Scattered** rainfall likely over Gangetic West Bengal, Jharkhand and Odisha during 13th-15th September; Bihar during 10th-15th September.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Andaman & Nicobar Islands on 9th September; Gangetic West Bengal during 10th-11th September; Odisha during 9th-11th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Bihar, Jharkhand and Sub-Himalayan West Bengal & Sikkim during 9th-13th September; Gangetic West Bengal on 9th September; Odisha during 12th-13th September.
- ❖ Isolated **thunderstorm & lightning** likely over Andaman & Nicobar Islands during 10th-15th September.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands on 9th September and during 12th-14th September; Sub-Himalayan West Bengal & Sikkim during 11th-13th September; Gangetic West Bengal and Jharkhand during 9th-11th September; Bihar during 9th-10th September; Odisha on 10th September and on 12th September with isolated **very heavy rainfall** also likely over Odisha on 9th September and on 11th September.
- ❖ **Isolated extremely rainfall likely over Odisha on 10th September.**

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 9th-10th September; Assam & Meghalaya on 10th September; Nagaland, Manipur, Mizoram & Tripura during 14th-15th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 11th-15th September; Assam & Meghalaya on 9th September and during 11th-15th September; Nagaland, Manipur, Mizoram & Tripura during 9th-13th September.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 9th-13th September; Nagaland, Manipur, Mizoram & Tripura during 9th-14th September.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 11th-15th September; Assam & Meghalaya during 9th-15th September; Nagaland, Manipur, Mizoram & Tripura during 9th-13th September.
- ❖ **Moderate to severe lightning activity likely over Assam & Meghalaya on 09th September.**

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 9th-15th September; Madhya Maharashtra and Marathawada during 12th-14th September; Gujarat Region during 12th-13th September; Saurashtra & Kutch during 13th-14th September.
- ❖ **Isolated to Scattered** rainfall likely over Madhya Maharashtra and Marathawada during 9th-11th September and on 15th September; Gujarat Region during 9th-11th September and during 14th-15th September; Saurashtra & Kutch during 9th-12th September and on 15th September.
- ❖ Isolated **thunderstorm & lightning** likely over Konkan & Goa during 12th-15th September; Madhya Maharashtra during 11th-15th September; Marathawada during 11th-13th September; Gujarat Region and Saurashtra & Kutch during 12th-13th September.
- ❖ Isolated **heavy rainfall** likely over Konkan & Goa, Madhya Maharashtra and Saurashtra & Kutch during 13th-14th September; Marathawada during 12th-13th September; Gujarat Region during 12th-14th September.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, North Interior Karnataka, Rayalaseema, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 9th-15th September; Kerala & Mahe on 9th September and during 13th-15th September; Lakshadweep on 9th September and during 12th-15th September; Telangana during 9th-10th September and during 13th-15th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 10th-12th September; Lakshadweep during 10th-11th September; Telangana during 11th-12th September.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Coastal Andhra Pradesh & Yanam and Tamil Nadu, Puducherry & Karaikal during 9th-13th September; South Interior Karnataka during 12th-14th September; Rayalaseema during 9th-12th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Telangana during 9th-13th September.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 12th September; Kerala & Mahe during 10th-12th September; Telangana during 11th-12th September.

- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Telangana during 9th-13th September; Rayalaseema during 9th-12th September.

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

- ❖ **Hot and humid** weather conditions likely to prevail over Kerala & Mahe on 9th September; Coastal Andhra Pradesh & Yanam during 9th-10th September.

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off Somalia coasts adjoining few parts of southwest Arabian Sea till 14th September; Oman coasts adjoining few parts of westcentral & northwest Arabian Sea on 09th September and few parts of westcentral Arabian Sea on 10th September.
- ❖ **Bay of Bengal:** Along and off West Bengal, Odisha, North Andhra Pradesh coasts adjoining northwest & westcentral Bay of Bengal and over Andaman Sea till 12th September; over North Bay of Bengal on 09th 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>

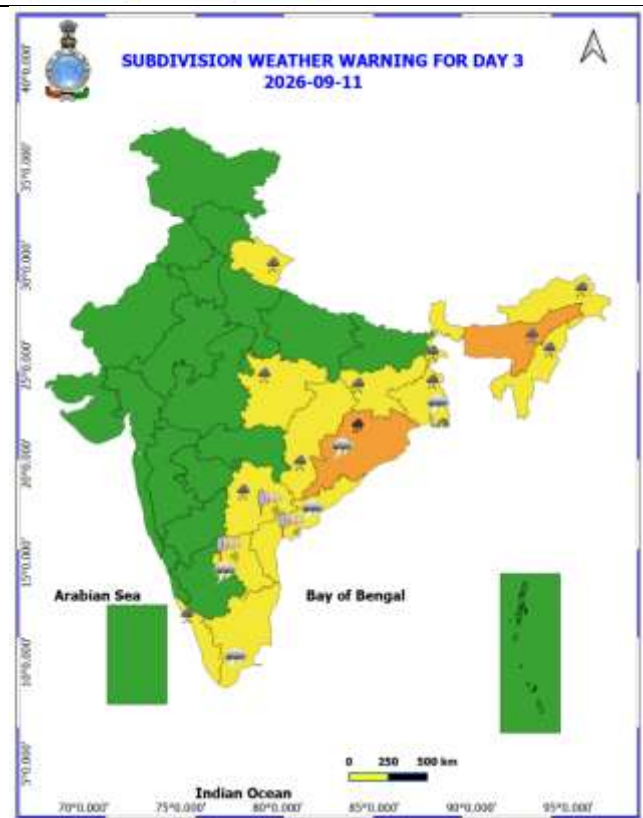
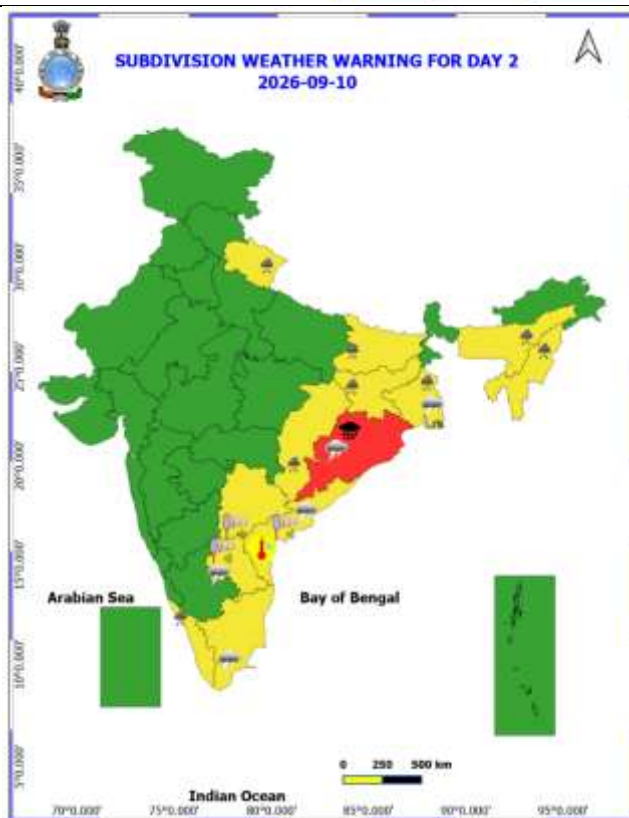
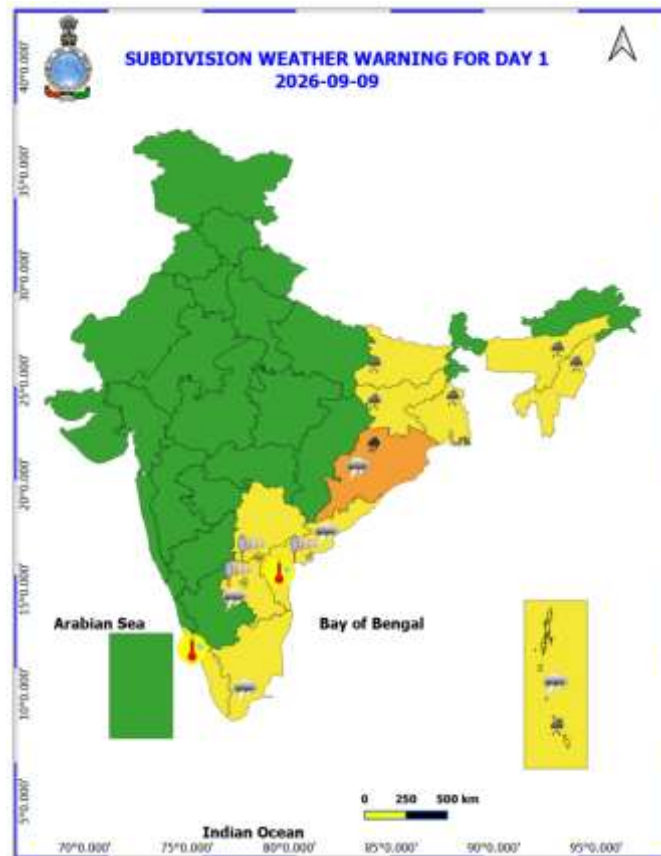
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

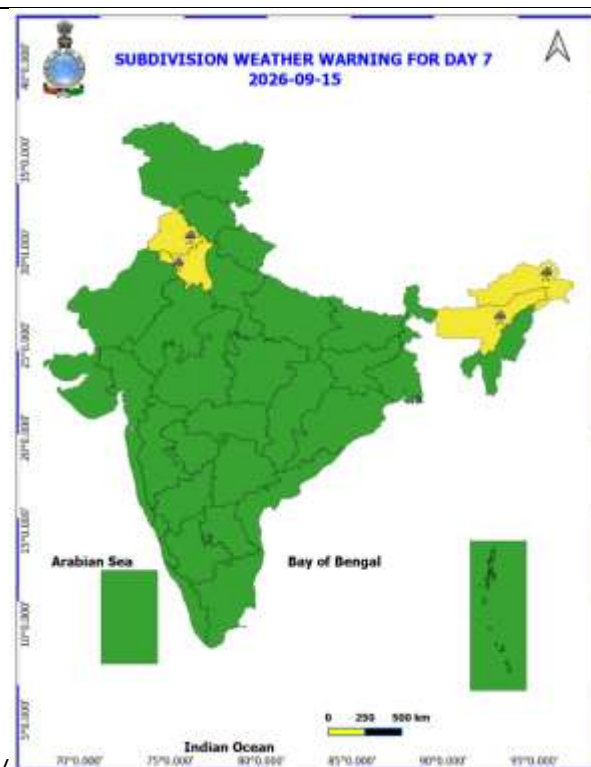
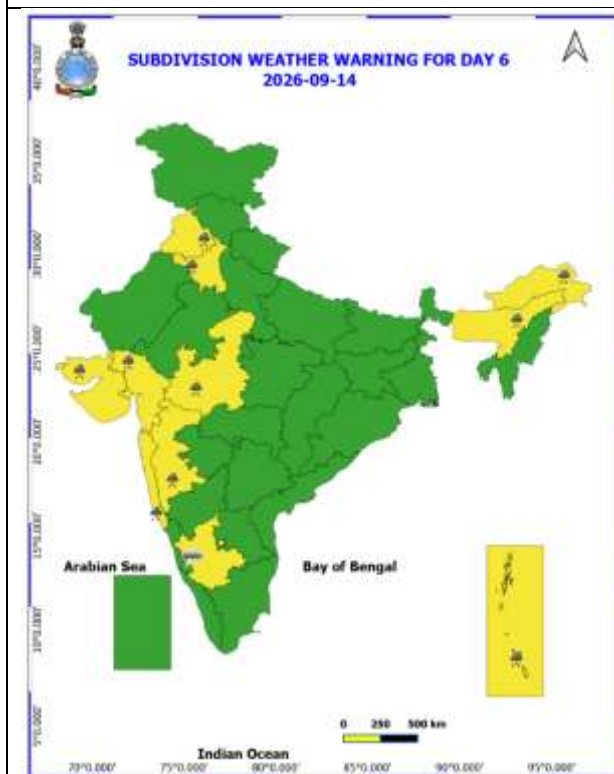
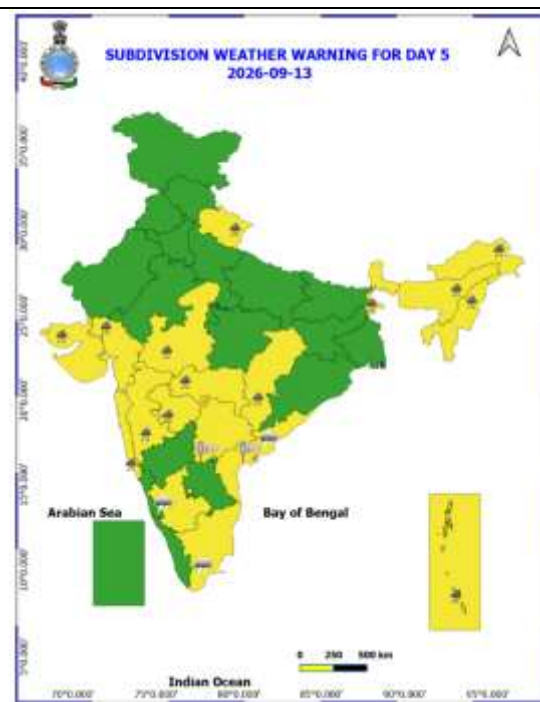
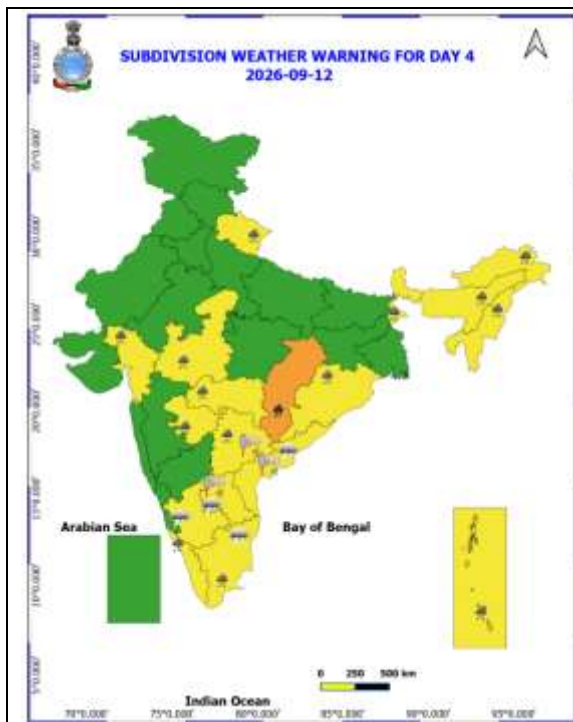
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Tripura:** Ashapara Aws 13
- ❖ **Assam:** Diphu 11
- ❖ **Andaman & Nicobar Islands:** Long Island 10
- ❖ **Gangetic West Bengal:** Barrackpore 9
- ❖ **Jharkhand:** Maithon 9
- ❖ **Bihar:** Gaya 9
- ❖ **Sub-Himalayan West Bengal & Sikkim:** Batabari 8.

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

As the lead period increases forecast accuracy decrease.





Action may be taken based on ORANGE AND REDCOLOUR warnings.

Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning. As the lead period increases forecast accuracy decreases.

Detailed district-wise Multi-Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 09th -12th September 2026**Past Weather:**

There has been rise in maximum temperatures by 1°C and rise in minimum temperatures by 2°C over Delhi during the past 24 hours. The maximum temperatures were found around 33-35°C and the minimum temperatures are in the range 23-27°C respectively during past 24 hours over Delhi. The minimum temperatures are below normal (-1.6°C to -3.0°C) at isolated places, above normal (1.6 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. Partly cloudy sky with surface wind speed 20 kmph gusting to 30 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 37 kmph from the west direction likely to prevail during forenoon over the region today.

Weather Forecast:

09.09.2026: Mainly clear sky becoming partly cloudy sky towards afternoon. Occasionally strong surface wind speeds up to 15 – 25 kmph during the day. The maximum temperatures over Delhi are likely to be in the range of 34-36°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 west direction with surface wind speed reaching up to 18 kmph during the afternoon. The surface wind speed will increase becoming up to 20 kmph from the west direction during evening and night hours.

10.09.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 34°C to 36°C and 25°C to 27°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 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 wind speed reaching up to 25 kmph during the morning. The surface wind speed will decrease becoming up to 18 kmph from the northwest direction during afternoon. The surface wind speed will increase becoming up to 20 kmph from the northwest direction during evening and night hours.

11.09.2026: Generally cloudy sky. A spell of very light to light rain accompanied with thunderstorm and lightning at many places during forenoon to afternoon. Another spell of very light to light rain at many places towards night. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 25°C to 27°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 northwest direction with surface wind speed reaching up to 20 kmph from during morning hours. The wind speed will decrease becoming up to 18 kmph from north direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the northeast direction during evening and night hours.

12.09.2026: Generally cloudy sky. One or two spell of very light to light rain accompanied with thunderstorm and lightning at many places during early morning to forenoon. Another spell of light to moderate rain during evening to night. The maximum and minimum temperatures over Delhi are likely to be in the range of 30°C to 32°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 southeast direction with wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will decrease becoming up to 12 kmph from the southeast direction during afternoon. The surface wind speed will increase becoming up to 15 kmph from the southeast direction during evening and night hours.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ Isolated extremely heavy rainfall likely over Odisha on 10th September.
- ❖ Moderate to severe lightning activity likely over Assam & Meghalaya on 09th 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 **Odisha**, ensure proper drainage in rice and groundnut fields. Keep drainage channels open and do not allow water to stagnate in ginger beds. Provide mechanical support or staking to standing crops to minimize lodging during thunderstorms and gusty winds. Continue intercultural operations only after rainfall stops and the soil becomes workable.
- In **Jharkhand**, ensure effective drainage in standing crop fields. Protect vegetable seedlings from heavy rainfall and keep harvested produce in safe and dry places.
- In **Bihar**, maintain proper drainage in rice, maize, sesame, pigeon pea and other standing crop fields and avoid prolonged water stagnation. Postpone field operations, fertilizer and plant-protection applications in excessively wet fields until suitable conditions prevail.
- In **Uttarakhand**, maintain drainage in sugarcane, soybean, kidney bean, green gram, black gram, other standing crops and vegetable fields.
- In **Chhattisgarh**, ensure continuous and effective drainage of excess rainwater from rice, maize, groundnut, minor millets, pulses and vegetable fields to prevent prolonged waterlogging. Keep drainage channels clear in low-lying maize, ginger and turmeric fields.
- In **Arunachal Pradesh**, maintain proper drainage in rice, maize, finger millet, soybean, cowpea, vegetables and orchards and remove excess water promptly.
- In **Assam and Meghalaya**, ensure effective drainage in rice, sugarcane, soybean, pigeon pea, jute, sesame and vegetable fields and keep drainage channels clear. Harvest jute at the small-pod stage wherever field conditions permit.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in rice, soybean, black gram, ginger, turmeric, cole crops and vegetable fields to prevent water stagnation. Harvest mature maize, colocasia and ginger wherever field conditions permit and avoid field operations during excessively wet conditions. Keep harvested produce in safe and dry places.

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 10-09-2026:

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

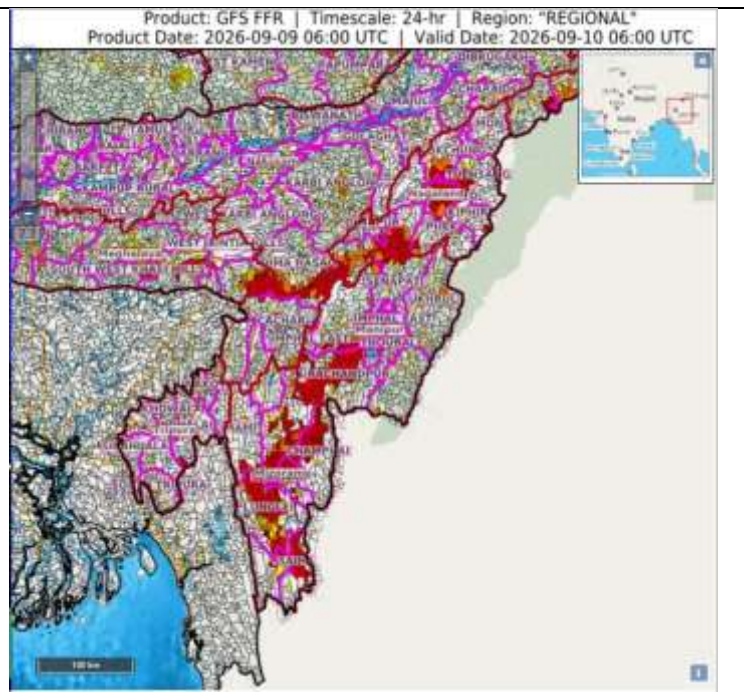
Nagaland, Manipur, Mizoram & Tripura (NMMT)

Nagaland – Mokochung, Tuensang, Zunheboto, Phek, Kohima, Kipere, Dimapur and Peren districts.

Manipur – Senapati, Ukhrul, Tamenglong, Churachandpur and Chandel districts.

Mizoram – Champhai, Aizawl, Mamit, Serchip, Lunglei, Lawngtlai, Saiha districts.

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.

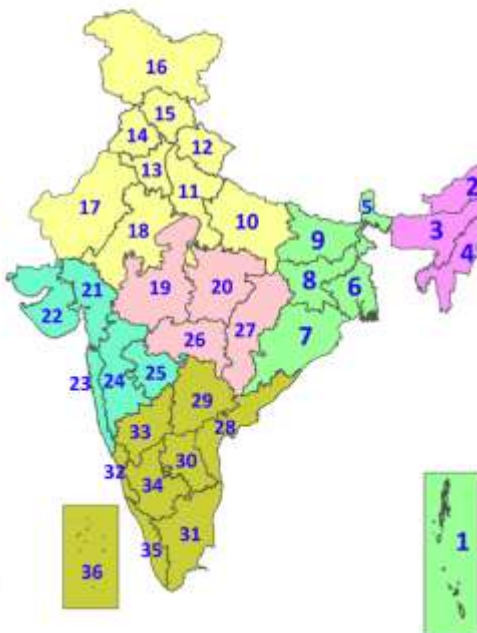
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

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 Strom: 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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