



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 15th September 2026

Time of Issue: 1350 hours IST

Subject: (i) Under the influence of low-pressure area over southwest Rajasthan adjoining Kutch region and southeast Pakistan, isolated extremely heavy rainfall likely over Saurashtra & Kutch on today, the 15th September, 2026.

(ii) Conditions are becoming favourable for withdrawal of Southwest Monsoon from some parts of West Rajasthan around 19th September, 2026.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 15th September, 2026:

- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over West Madhya Pradesh, Gujarat State and Tamil Nadu.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over West Uttar Pradesh, East Rajasthan, Coastal Andhra Pradesh, Telangana and South Interior Karnataka.

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

- ❖ The western end of **monsoon trough** is south of its normal position and eastern end is near its normal position at mean sea level.
- ❖ Yesterday's **Low-Pressure Area** over Southeast Rajasthan & adjoining north Gujarat lay over southwest Rajasthan adjoining Kutch region and southeast Pakistan at 1730 hrs IST of 14th September and persisted over the same region at 0830 hrs IST of today, the 15th September 2026.
- ❖ An **upper air cyclonic circulation** lies over Northwest Bay of Bengal and adjoining north Odisha & West Bengal coasts in lower & middle tropospheric levels.
- ❖ A **trough** runs from South interior Karnataka to Gulf of Mannar in lower tropospheric levels.
- ❖ A fresh **Western Disturbance** as a trough in middle tropospheric level runs roughly along Long. 72°E to the north of Lat. 32°N
- ❖ An **upper air cyclonic circulation** lies over northeast Assam & neighbourhood in lower tropospheric level.

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 17th September.
- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Haryana Chandigarh & Delhi and Punjab during 16th-17th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over rest parts of northwest India.
- ❖ Isolated **heavy rainfall** likely over Haryana Chandigarh & Delhi and Punjab during 15th-17th September.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 17th-19th September; East Madhya Pradesh during 15th-17th September; Vidarbha during 20th-21st September; Chhattisgarh during 19th-21st September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 15th-16th September and during 20th-21st September; East Madhya Pradesh during 18th-21st September; Vidarbha during 15th-19th September; Chhattisgarh during 15th-18th September.
- ❖ Isolated **heavy rainfall** likely over Chhattisgarh during 19th-21st September.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands during 15th-21st September; Sub-Himalayan West Bengal & Sikkim during 15th-20th September; Gangetic West Bengal during 16th-20th September; Odisha during 19th-21st September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over Sub-Himalayan West Bengal & Sikkim on 21st September; Gangetic West Bengal on 15th September and on 21st September; Bihar and Jharkhand during 15th-21st September; Odisha during 15th-18th September.

- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 16th-17th September and during 19th-21st September; Sub-Himalayan West Bengal & Sikkim during 15th-17th September; Bihar on 17th September; Odisha on 15th September and during 18th-21st September with isolated **very heavy rainfall** also likely over Andaman & Nicobar Islands on 18th September.
- ❖ **Moderate to severe lightning activity likely over Bihar on 15th September.**

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh on 15th September and during 18th-21st September; Assam & Meghalaya on 15th September and during 17th-21st September; Nagaland, Manipur, Mizoram & Tripura during 15th-21st September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh during 16th-17th September; Assam & Meghalaya on 16th September.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh and Assam & Meghalaya during 15th-17th September.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh and Assam & Meghalaya during 15th-17th September; Nagaland, Manipur, Mizoram & Tripura on 15th September.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Konkan & Goa during 15th-16th September and during 19th-21st September; Gujarat Region and Saurashtra & Kutch on 15th September.
- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa during 17th-18th September; Madhya Maharashtra and Marathawada during 15th-21st September; Gujarat Region and Saurashtra & Kutch during 16th-21st September.
- ❖ Isolated **thunderstorm & lightning** likely over Gujarat Region and Saurashtra & Kutch on 15th September.
- ❖ Isolated **heavy rainfall** likely over Saurashtra & Kutch on 15th September.
- ❖ **Isolated extremely heavy rainfall likely over Saurashtra & Kutch on 15th September.**

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 15th-21st September; Coastal Karnataka during 15th-19th September; North Interior Karnataka and South Interior Karnataka during 15th-18th September; Telangana during 15th-16th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe and Lakshadweep during 15th-21st September; Coastal Karnataka during 20th-21st September; North Interior Karnataka and South Interior Karnataka during 19th-21st September; Telangana during 17th-21st September.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 15th-21st September; Kerala & Mahe during 15th-16th September; South Interior Karnataka on 15th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over North Interior Karnataka during 18th-19th September; South Interior Karnataka during 16th-19th September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 15th-19th September; Telangana during 17th-21st September.
- ❖ Isolated **thunderstorm & lightning** likely over Kerala & Mahe during 17th-19th September; Lakshadweep during 15th-19th September.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 15th-21st September; Kerala & Mahe during 15th-16th September and during 19th-21st September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 19th-20th September; Telangana during 19th-21st September.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam during 15th-20th September; Rayalaseema during 15th-19th September.

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off Gujarat coasts adjoining northeast Arabian Sea on 15th September; Along and off north Gujarat coasts adjoining northeast Arabian Sea on 16th September; along and off Somalia coasts, few parts of southwest adjoining westcentral Arabian Sea till 19th September.
- ❖ **Bay of Bengal:** Over few to some parts of southeast adjoining southwest Bay of Bengal till 18th September; over some parts of southeast Bay of Bengal during 18th to 20th September; over Andaman Sea during 16th to 20th September; over few parts of southwest Bay of Bengal adjoining south Sri Lanka coasts on 19th 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>

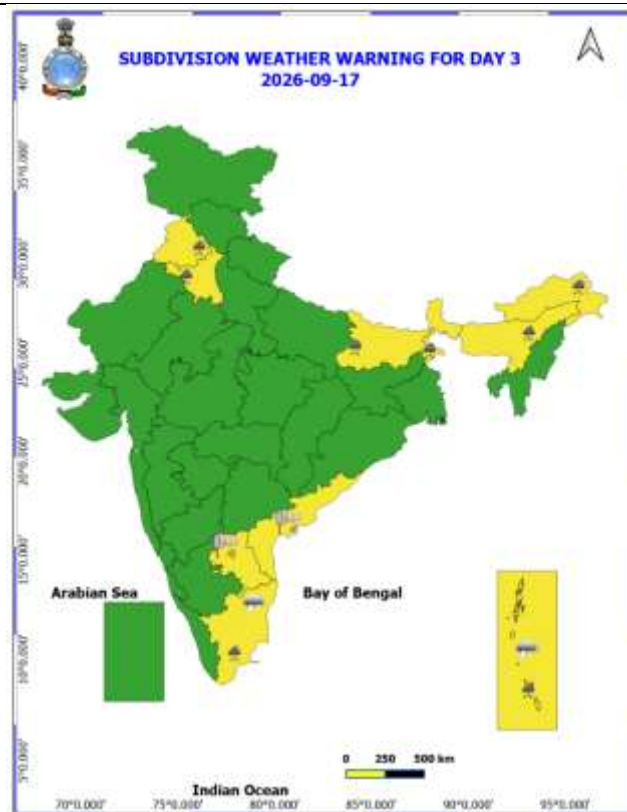
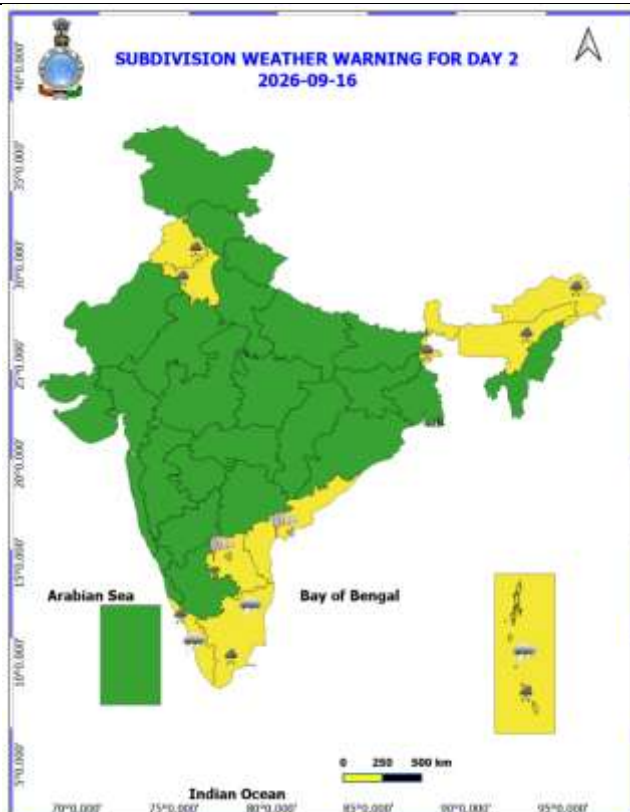
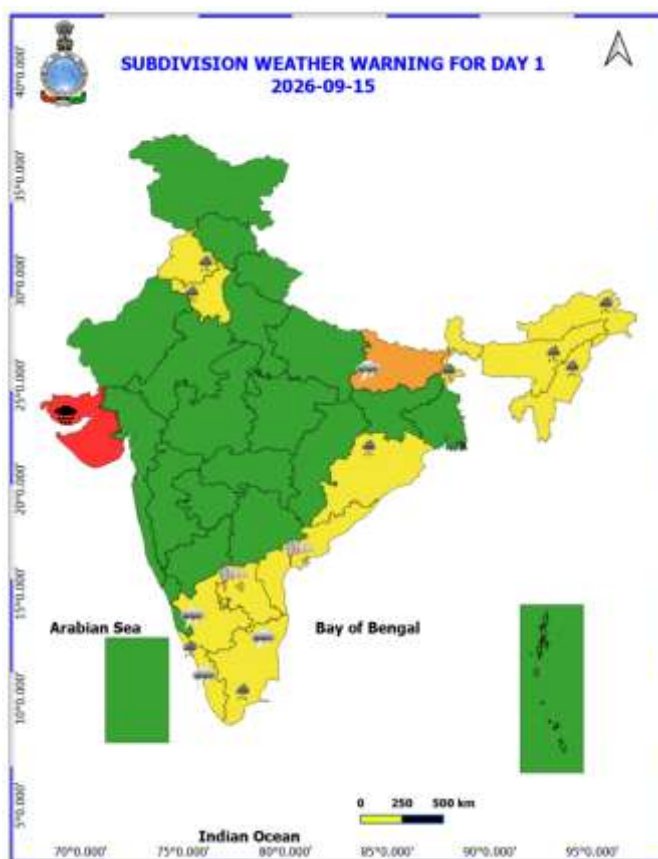
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

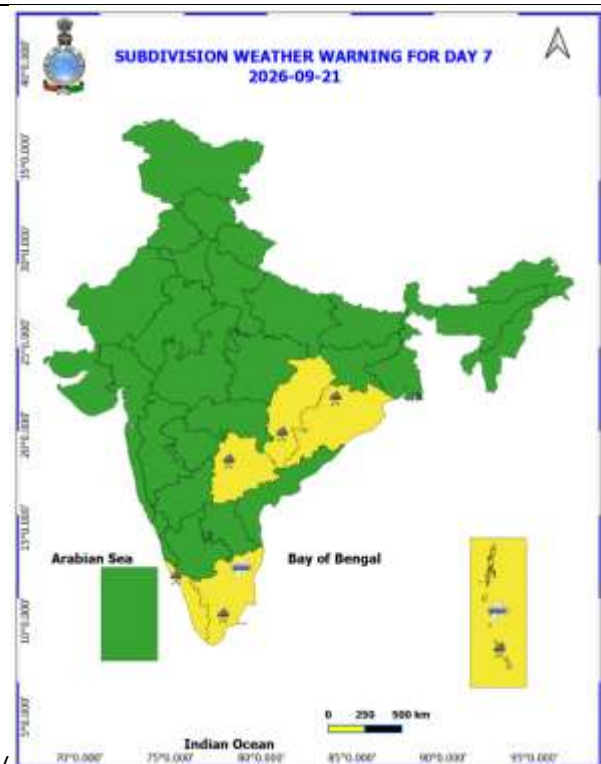
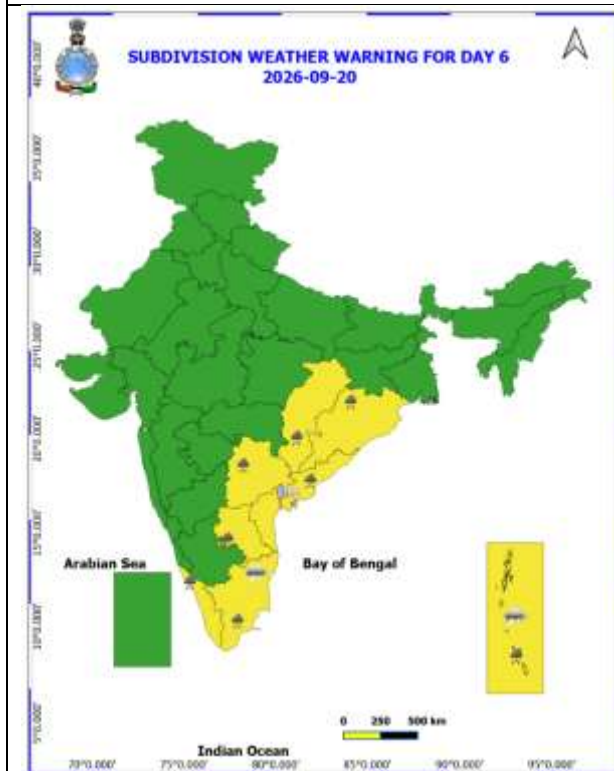
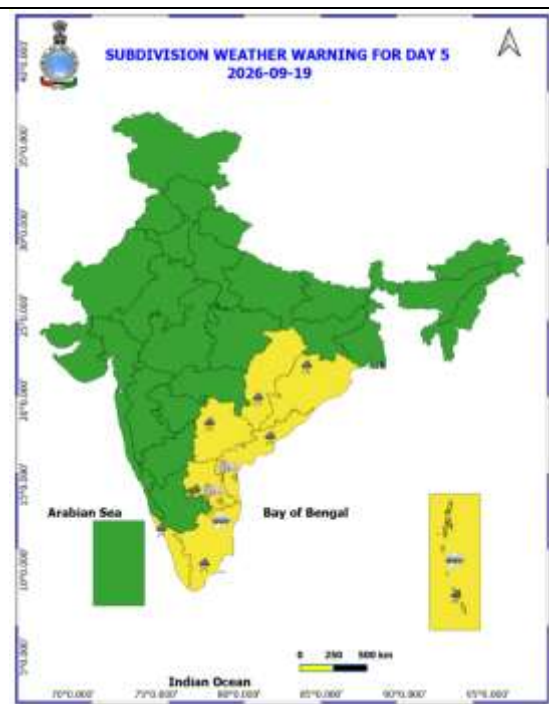
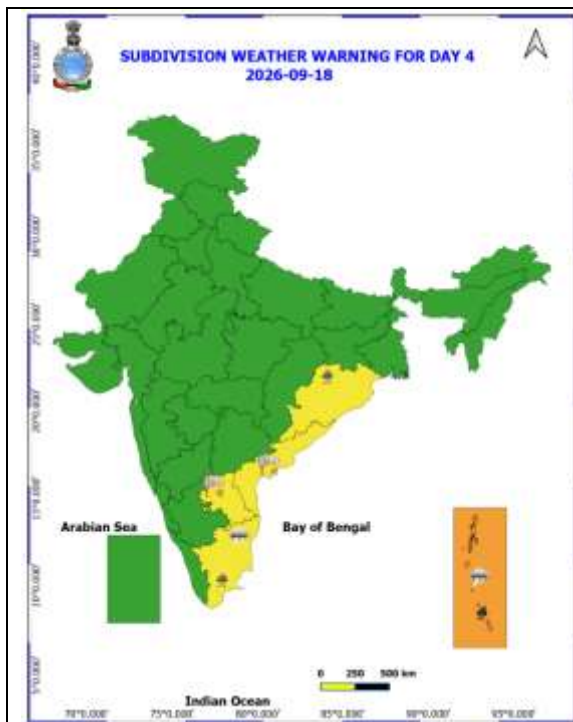
- ❖ **Saurashtra & Kutch:** Anjar (dist Kutch) 19, Vallabhipur (dist Bhavnagar) 15
- ❖ **West Madhya Pradesh:** Malhargarh (Mandsaur) 15
- ❖ **Gujarat Region:** Borsad (dist Anand) 13
- ❖ **Tamil Nadu:** Dindigul ARG: 13
- ❖ **Coastal Andhra Pradesh:** Eluru 11
- ❖ **East Rajasthan:** Kotda Sr (dist Udaipur) 9
- ❖ **Telangana:** Bheemdevarpalle (Hanumakonda) 9
- ❖ **West Uttar Pradesh:** Bijnor (dist Bijnor) 8
- ❖ **South Interior Karnataka:** M M Hills (dist Chamarajanagar) 7.

Annexure I

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

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 15th -18th September 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 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 above normal (1.6 to 3.0°C) at a few places, below 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 to 3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Partly cloudy with surface wind speed 20 kmph gusting to 32 kmph from the east direction prevailed over Delhi during past 24 hours. Generally cloudy sky with surface wind speeds up to 15 kmph from the southeast direction likely to prevail during forenoon over the region today.

Weather Forecast:

15.09.2026: Generally cloudy sky. A spell of very light to light rain at isolated places during afternoon to evening. The maximum temperatures over Delhi are likely to be in the range of 33°C to 35°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 southeast direction with surface wind speed reaching up to 20 kmph during the afternoon. The surface wind speed will decrease becoming up to 18 kmph from the southwest direction during evening and night hours.

16.09.2026: Generally cloudy sky. A spell of very light rain at isolated places during afternoon to evening. 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 below 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 southwest 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 southwest direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the southwest direction during evening and night hours.

17.09.2026: Partly cloudy sky. Possibility of very light rain during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 22°C to 24°C, respectively. The minimum temperature will be below 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 southwest direction with wind speed reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 12 kmph from the west direction during afternoon. The surface wind speed will increase becoming up to 15 kmph from the northwest direction during evening and night hours.

18.09.2026: 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 the northwest direction with wind speed reaching up to 20 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 north direction during evening and night hours.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ **Isolated very heavy rainfall likely over Andaman & Nicobar Islands on 18th September.**
- ❖ **Isolated extremely heavy rainfall likely over Saurashtra & Kutch on 15th September.**
- ❖ **Moderate to severe lightning activity likely over Bihar on 15th 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 **Saurashtra & Kutch**, drain excess water immediately from groundnut, cotton, pulses, vegetables and other standing kharif crops, particularly in low-lying fields. Postpone all field operations until rainfall ceases and soil conditions become suitable. Keep harvested produce in safe, dry places.
- In **Arunachal Pradesh**, maintain proper drainage in millet fields to prevent water stagnation and strengthen trellises and supports for cucumber and other gourds. Harvest mature upland/Jhum rice, soybean and vegetables and immediately shift the produce to safe, covered shelters.
- In **Assam & Meghalaya**, drain excess water from maize, black gram, green gram and sesame fields and keep drainage channels clear. Maintain suitable water levels in rice, support papaya, banana and weak-stemmed crops, and harvest pumpkins and bottle gourd before the rains wherever possible.
- In **Mizoram**, prevent waterlogging in rice, soybean, black gram, ginger and vegetable fields and keep drainage channels open. Maintain rice bunds while providing outlets for excess water, support vulnerable crops and harvest matured Naga chillies and Aus rice wherever field conditions permit.
- In **Sub-Himalayan West Bengal & Sikkim**, maintain safe water levels in rice and clear drainage channels in rice and green gram fields. Drain excess water from rice fields, protect pointed gourd.
- In **Odisha**, make immediate arrangements to drain excess water from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards. Protect vegetable nurseries, provide staking to vegetables and undertake earthing-up around newly planted banana saplings; postpone field operations until rainfall ceases and soil conditions become suitable.
- In **Punjab**, maintain adequate drainage in standing crop fields and withhold irrigation and field operations during wet conditions. Harvest mature pearl millet wherever conditions permit and postpone sowing of toria, radish, turnip, carrot, cauliflower and cabbage until the soil is workable.
- In **Haryana**, ensure drainage in paddy, cotton and vegetable fields and withhold irrigation during the wet spell. Harvest mature vegetables during rain-free periods and avoid entering muddy fields.
- In **Tamil Nadu**, drain excess water from standing crop fields and avoid fertilizer and pesticide applications during rainfall, particularly where heavy rainfall was received yesterday. Provide support to banana plants and prop sugarcane against lodging; postpone field operations until a suitable rain-free period.

- In **Kerala**, ensure effective drainage in banana, black pepper, coconut, ginger and turmeric fields following the recent rainfall and provide strong support to banana plants and trellis-grown crops. Postpone all field operations until rainfall ceases and soil conditions become suitable.

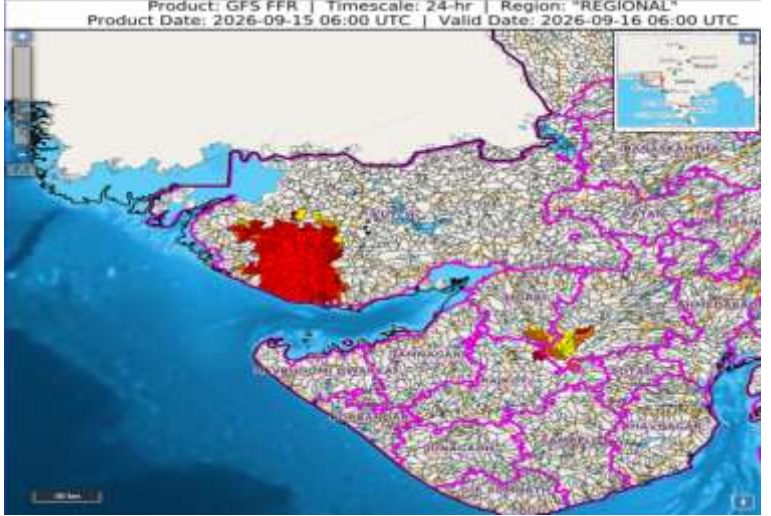
Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- 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 16-09-2026: Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Saurashtra & Kutch: Kutch, Morbi, Rajkot and Surendernagar 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.	
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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.

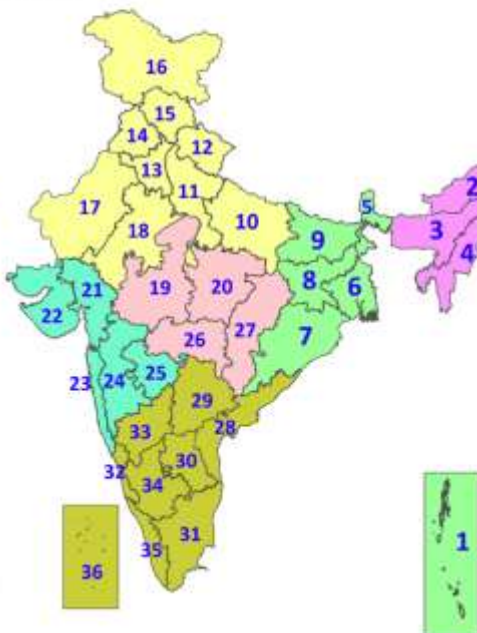
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

* 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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