



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release
Date: 14th October 2026
Time of Issue: 1320 hours IST

Subject: (i) Conditions are becoming favourable for further withdrawal of Southwest Monsoon from remaining parts of the country and simultaneous commencement of northeast monsoon rains over south peninsula tomorrow, the 15th October 2026.

(ii) With the onset of the Northeast Monsoon, a wet spell with isolated heavy falls is likely over many parts of south peninsular India during 14th to 19th October.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 14th October, 2026:

- ❖ No significant weather reported over the country except light to moderate rainfall occurred over Tamil Nadu and Kerala.

Withdrawal of southwest Monsoon (Annexure I):

- ❖ The line of withdrawal of Southwest Monsoon continues to pass through 27.0°N/90.5°E, Dhubri, Kolkata, Angul, Khammam, Honavar and 14.0°N/73.0°E.

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

- ❖ The **Western Disturbance** as a **cyclonic circulation** lies over North Pakistan & adjoining Jammu in lower tropospheric levels with a trough aloft roughly along Long. 70°E to the north of Lat. 32°N in middle tropospheric level.
- ❖ A **cyclonic circulation** lies over North Haryana & neighbourhood in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Comorin area & neighbourhood in lower tropospheric level.
- ❖ A **trough** runs from the above cyclonic circulation over Comorin area to Northwest Bay of Bengal in lower tropospheric levels.
- ❖ An **upper air cyclonic** lies over Central parts of South Rajasthan in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** over Northeast Uttar Pradesh & adjoining Bihar in lower tropospheric level.
- ❖ An **upper air cyclonic circulation** lies over Southeast Bangladesh & neighbourhood in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Central Assam & neighbourhood in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over Central Parts of Keralam & neighbourhood in lower tropospheric level.

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

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 14th-15th October; Himachal Pradesh on 15th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Punjab during 14th-15th October; Haryana Chandigarh & Delhi on 15th October.
- ❖ **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 16th October; Himachal Pradesh on 14th October and during 16th-17th October; Uttarakhand during 14th-18th October.
- ❖ **Isolated to Scattered** rainfall likely over East Uttar Pradesh and Punjab on 16th October; Haryana Chandigarh & Delhi on 14th October and on 16th October; West Uttar Pradesh during 15th-16th October; West Rajasthan during 14th-15th October; East Rajasthan during 14th-16th October.

- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Uttarakhand during 14th-15th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 14th-15th October; Uttarakhand on 16th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 14th-15th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Haryana Chandigarh & Delhi on 16th October; West Uttar Pradesh on 15th October; West Rajasthan during 14th-15th October; East Rajasthan during 14th-16th October.
- ❖ Isolated **thunderstorm & lightning** likely over Himachal Pradesh during 14th-15th October.
- ❖ Isolated **heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 14th October.
- ❖ Isolated **Hailstorm** activity likely over Himachal Pradesh and West Rajasthan on 14th October; East Rajasthan, Uttarakhand and West Uttar Pradesh on 15th October; Haryana Chandigarh & Delhi and Punjab during 14th-15th October.

Central India:

- ❖ **Isolated to Scattered** rainfall likely over West Madhya Pradesh during 15th-20th October; East Madhya Pradesh during 16th-20th October; Chhattisgarh and Vidarbha during 14th-20th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over West Madhya Pradesh during 15th-19th October; East Madhya Pradesh during 16th-18th October; Vidarbha on 18th October; Chhattisgarh during 14th-15th October.
- ❖ Isolated **thunderstorm & lightning** likely over Chhattisgarh on 16th October.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands on 14th October.
- ❖ **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 15th-20th October; Sub-Himalayan West Bengal & Sikkim during 16th-19th October; Gangetic West Bengal during 14th-17th October; Jharkhand on 15th October; Bihar during 16th-18th October; Odisha during 14th-20th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Odisha during 14th-18th October.

Northeast India:

- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 14th-20th October; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 14th-18th October.
- ❖ Isolated **thunderstorm & lightning** likely over Nagaland, Manipur, Mizoram & Tripura on 14th October.

West India:

- ❖ **Isolated to Scattered** rainfall likely over Konkan & Goa during 15th-20th October; Madhya Maharashtra and Marathwada during 14th-20th October.
- ❖ Isolated **thunderstorm & lightning** likely over Konkan & Goa during 15th-19th October; Madhya Maharashtra during 15th-20th October; Marathwada during 16th-20th October.

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Kerala & Mahe, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal on 14th October; Lakshadweep during 14th-15th October; Coastal Karnataka on 15th October; North Interior Karnataka during 15th-16th October; Coastal Andhra Pradesh & Yanam during 14th-15th October and during 18th-20th October; Rayalaseema on 14th October and during 19th-20th October; Telangana on 15th October and on 20th October.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 15th-20th October; Coastal Karnataka and Lakshadweep during 16th-20th October; North Interior Karnataka during 17th-20th October; Coastal Andhra Pradesh & Yanam during 16th-17th October; Rayalaseema during 15th-18th October; Telangana during 16th-19th October.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 14th-20th October; Kerala & Mahe during 15th-16th October; North Interior Karnataka during 16th-18th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 15th-18th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe on 14th October and during 17th-18th October; North Interior Karnataka on 15th October; South Interior Karnataka during 15th-18th October; Coastal Andhra Pradesh & Yanam and Rayalaseema on 14th October; Telangana during 15th-20th October.
- ❖ Isolated **thunderstorm & lightning** likely over Lakshadweep during 14th-16th October; Coastal Karnataka during 15th-18th October; South Interior Karnataka on 14th October.
- ❖ **Isolated heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 14th October and during 16th-20th October; Kerala & Mahe during 16th-20th October; Coastal Karnataka and Rayalaseema during 16th-18th October; North Interior Karnataka and Telangana during 17th-18th October; South Interior Karnataka on 15th October and during 17th-20th October; Coastal Andhra Pradesh & Yanam

during 15th-19th October with isolated very heavy rainfall also likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal on 15th October; South Interior Karnataka on 16th October.

- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 14th-18th October.

Hot & Humid weather warning:

- ❖ **Hot and humid** weather conditions likely to prevail over Konkan & Goa during 14th-16th October; Coastal Karnataka during 14th-15th October.

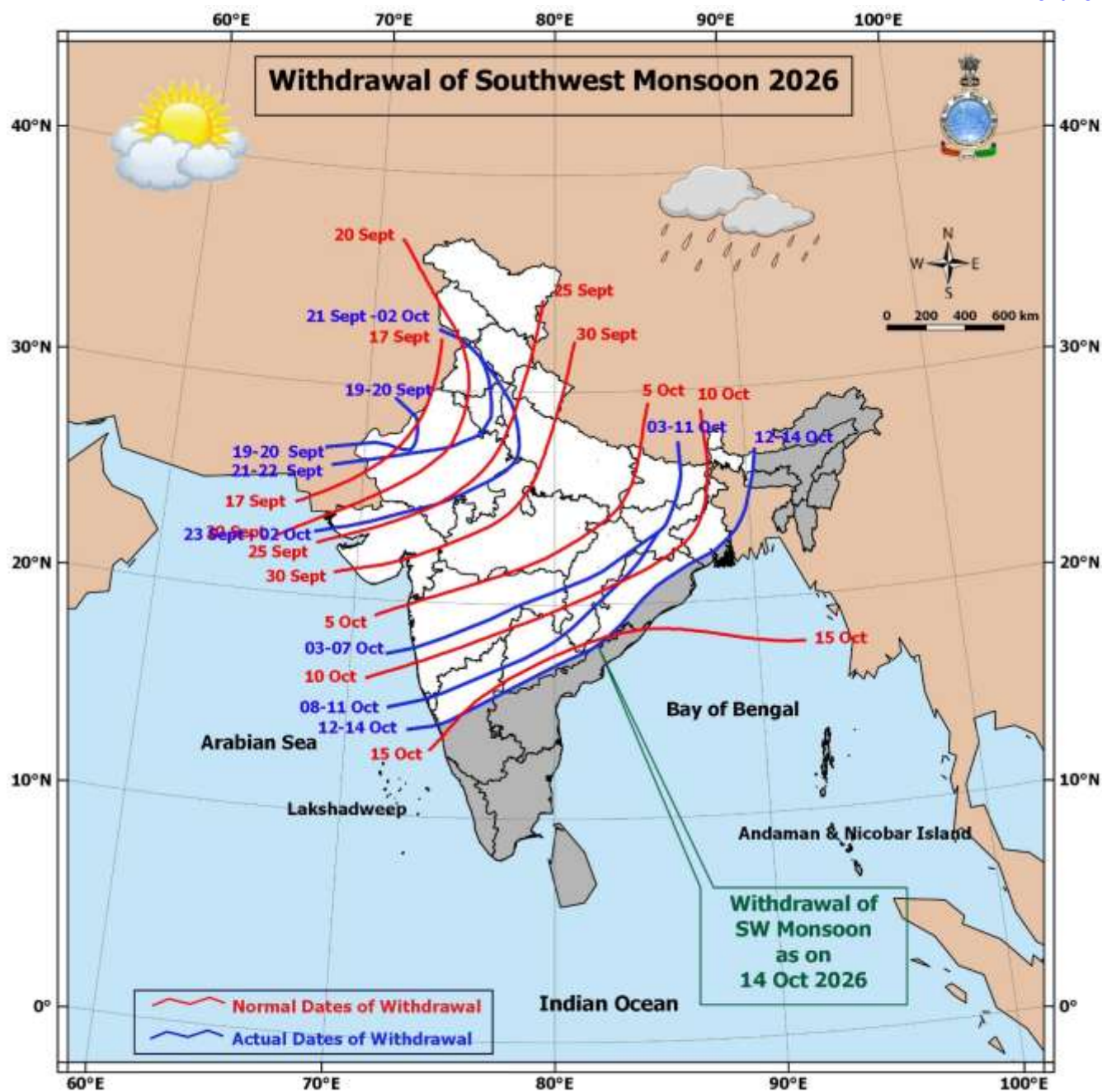
Weather conditions and forecast over Delhi/NCR during next 4 days (Annexure IV)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

For District wise warnings refer: <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

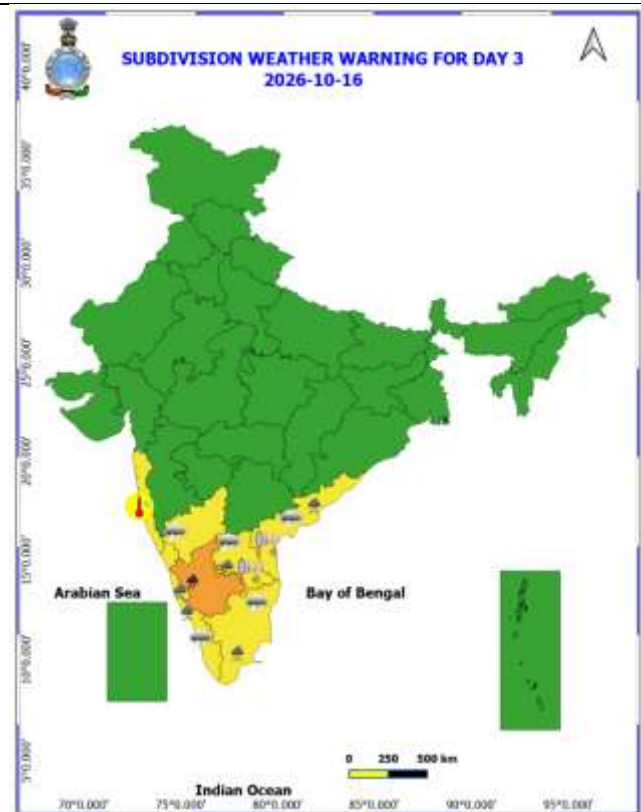
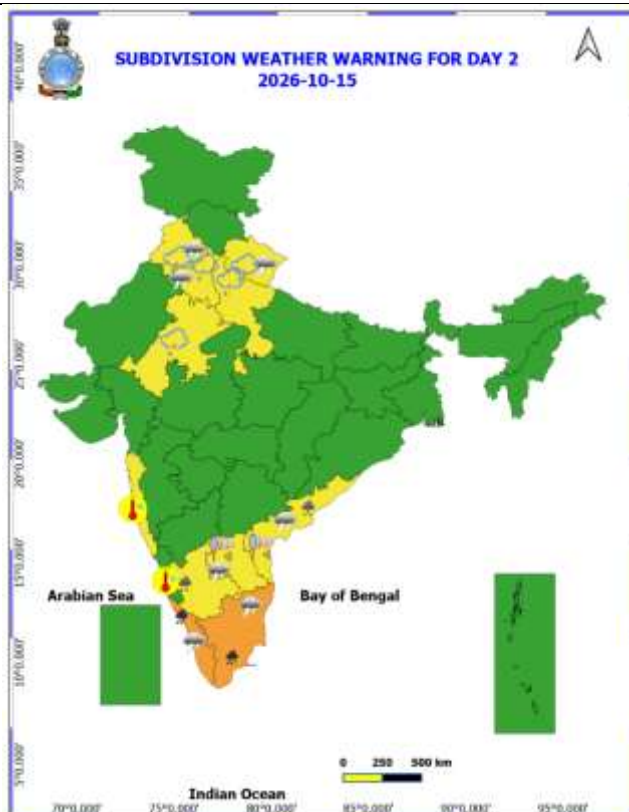
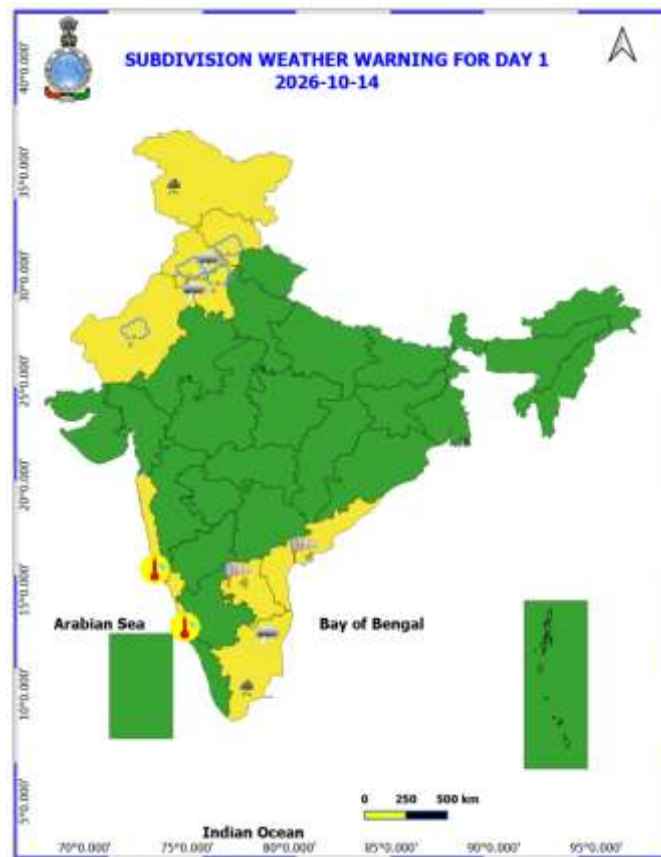
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

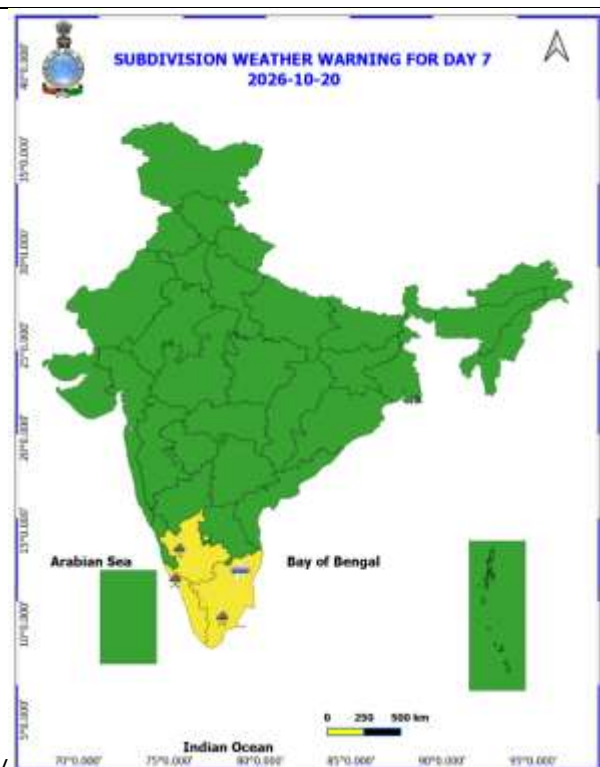
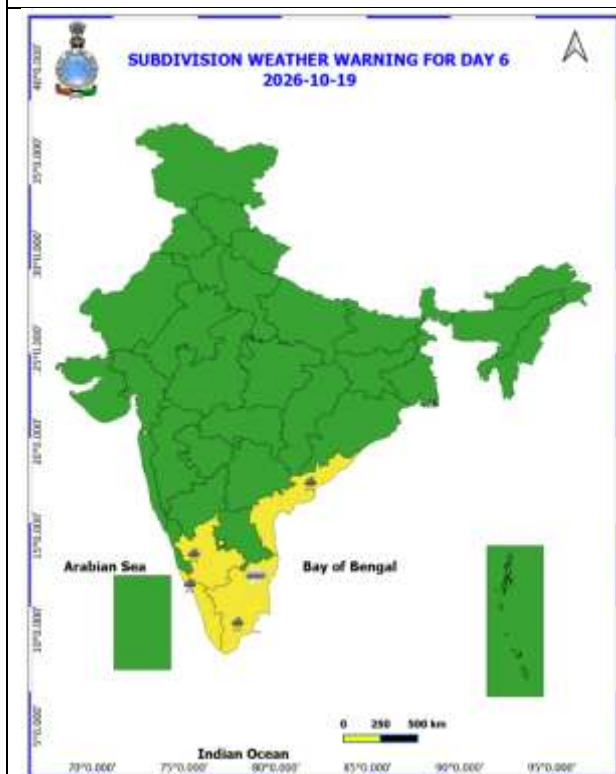
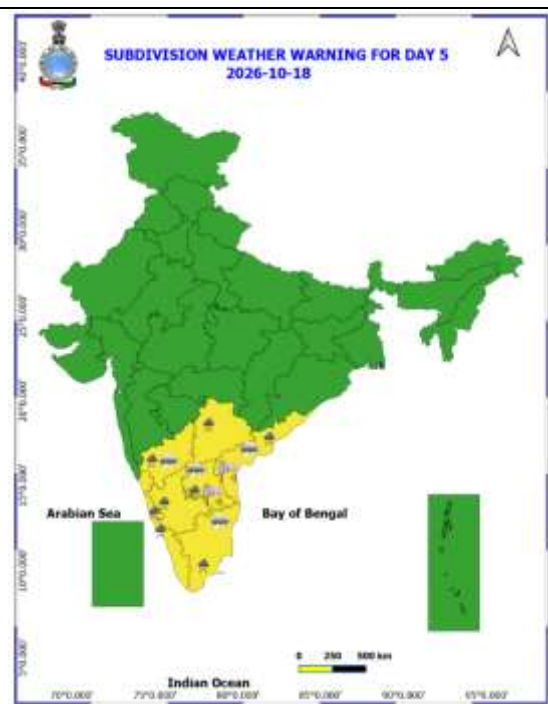
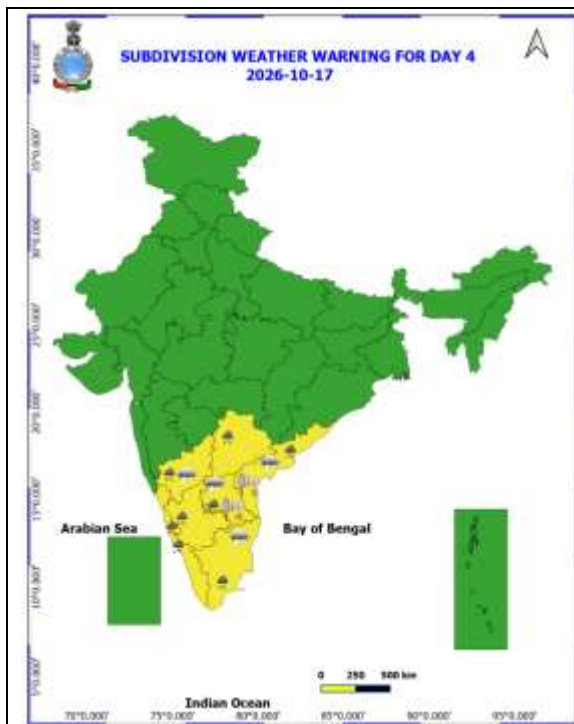


Annexure II

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

- As the lead period increases forecast accuracy decrease.





Action may be taken based on ORANGE AND REDCOLOUR warnings.

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

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

Weather forecast over Delhi/NCR during 14th -17th October 2026**Past Weather:**

There has been rise in maximum temperatures by 2-3°C and no large change in minimum temperatures over Delhi during the past 24 hours. The maximum temperatures were in the range of 31-33°C and the minimum temperatures are in the range 21-22°C respectively during past 24 hours over Delhi. The minimum temperatures are above normal (1.6°C to 3.0°C) at many places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. The maximum temperatures were below normal (-1.6°C to -3.0°C) at many places and normal (-1.5°C to 1.5°C) at remaining places over Delhi. Mainly clear sky with surface wind speed 15 kmph from the southeast direction prevailed over Delhi during past 24 hours. Mainly clear sky with surface wind speeds up to 15 kmph from the southeast direction likely to prevail during forenoon over the region today.

Weather Forecast:

14.10.2026: Mainly clear sky becoming partly cloudy sky from evening. The maximum temperatures over Delhi are likely to be in the range of 32-34°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 northeast direction with surface wind speed reaching up to 15 kmph during the afternoon. The surface wind speed will increase becoming up to 20 kmph from the southeast direction during evening and night hours.

15.10.2026: Generally cloudy sky. A spell of very light to light rain at many places accompanied with thunderstorm/lightning and strong winds 40-50 kmph gusting to 60 kmph most likely during afternoon to evening. Another spell of very light to light rain at many places accompanied with thunderstorm/lightning very likely during night. The maximum and minimum temperatures over Delhi are likely to be in the range of 28°C to 30°C and 19°C to 21°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 increase becoming up to 18 kmph from the northeast direction during afternoon. The surface wind speed will increase becoming up to 20 kmph from the east direction during evening and night hours.

16.10.2026: Generally cloudy sky. A spell of very light to light rain at many places accompanied with thunderstorm/lightning during early morning to noon. The maximum and minimum temperatures over Delhi are likely to be in the range of 28°C to 30°C and 17°C to 19°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 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 20 kmph during the morning hours. The surface wind speed will increase becoming up to 22 kmph from the southeast direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the southeast direction during evening and night hours.

17.10.2026: Partly cloudy sky. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 20°C to 22°C, respectively. The minimum temperature will be above normal (1.6°C to 3.0°C) at most places, and the maximum temperatures will be 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 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 northeast direction during evening and night hours.

Impact expected and action suggested due to isolated thunderstorm with lightning/squally winds & Hailstorm over

- ❖ Isolated Hailstorm activity likely over Himachal Pradesh and West Rajasthan on 14th October; East Rajasthan, Uttarakhand and West Uttar Pradesh on 15th October; Haryana Chandigarh & Delhi and Punjab during 14th-15th October.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

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

- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal on 14th October and during 16th-20th October; Kerala & Mahe during 16th-20th October; Coastal Karnataka and Rayalaseema during 16th-18th October; North Interior Karnataka and Telangana during 17th-18th October; South Interior Karnataka on 15th October and during 17th-20th October; Coastal Andhra Pradesh & Yanam during 15th-19th October with isolated **very heavy rainfall** also likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal on 15th October; South Interior Karnataka on 16th October.

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.

- ❖ Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- In **Tamil Nadu**, maintain effective drainage in paddy nurseries and standing rice fields, as well as cotton, maize, groundnut and vegetable fields. Harvest mature paddy and groundnut during rain-free intervals and store the produce safely.
- In **Keralam**, ensure effective drainage in paddy, banana, coconut, pepper, ginger, turmeric and vegetable fields, with priority to low-lying and waterlogged areas. Harvest mature paddy during clear weather and keep the produce in safe, dry places.
- In **South Interior Karnataka**, maintain proper drainage in standing crop fields. Harvest mature green gram, black gram, soybean wherever conditions permit and shift the produce to covered, safe storage.
- In **Coastal Andhra Pradesh and Rayalseema**, drainout excess rain water from rice, maize, ragi, groundnut, red gram, sugarcane, vegetables and orchards. Keep the harvested produce of maize in a safe, dry place. Provide strong support to fruit-bearing banana plants and propping in sugarcane.

Agromet advisories for likely impact of Hails

- In regions with a risk of hail-especially **Himachal Pradesh, Uttarakhand, Rajasthan, Haryana, and Punjab**, use hail nets or caps in fruit orchards and vegetable fields to protect crops from mechanical damage.

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.

Advisories for likely impact of Heavy Rainfall for 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.

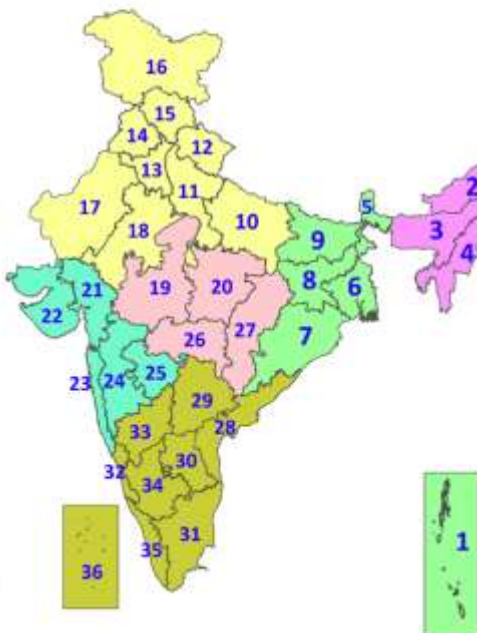
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

DEFINITION/CRITERIA

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

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".

Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599

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