

2026-10-07

Time of Issue: 08:25:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Systems and Warnings:

Northwest India:

- **Isolated to Scattered** rainfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 7th-12th October; Himachal Pradesh and Uttarakhand during 7th-12th October.
- **Isolated to Scattered** rainfall likely over Haryana Chandigarh & Delhi and Punjab during 7th-12th October; West Uttar Pradesh during 7th-9th October; East Uttar Pradesh during 7th-10th October; West Rajasthan during 11th-12th October; East Rajasthan on 12th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Himachal Pradesh and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 7th October; , **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Himachal Pradesh during 8th-9th October; Uttarakhand during 7th-10th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Haryana Chandigarh & Delhi, Punjab and West Uttar Pradesh on 7th October; East Uttar Pradesh during 7th-8th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Haryana Chandigarh & Delhi and Punjab during 8th-9th October.
- Isolated **thunderstorm & lightning** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 8th-10th October; West Uttar Pradesh on 8th October.

Central India:

- **Isolated to Scattered** rainfall likely over East Madhya Pradesh during 7th-9th October; Chhattisgarh during 7th-10th October.
- Isolated **thunderstorm & lightning** likely over East Madhya Pradesh on 7th October; Chhattisgarh during 7th-8th October.

East India:

- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands during 7th-9th October; Sub-Himalayan West Bengal & Sikkim during 9th-11th October; Gangetic West Bengal on 7th October and during 9th-10th October; Bihar and Jharkhand during 7th-10th October; Odisha during 7th-12th October.
- **Fairly Widespread to Widespread** rainfall likely over Andaman & Nicobar Islands during 10th-12th October; Sub-Himalayan West Bengal & Sikkim during 7th-8th October; Gangetic West Bengal on 8th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Bihar on 7th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Jharkhand and Sub-Himalayan West Bengal & Sikkim during 7th-9th October; Gangetic West Bengal and Odisha during 7th-8th October; Bihar during 8th-9th October.
- Isolated **thunderstorm & lightning** likely over Andaman & Nicobar Islands on 7th October.
- Isolated **heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 8th October.

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh during 7th-11th October; Assam & Meghalaya during 7th-10th October; Nagaland, Manipur, Mizoram & Tripura during 7th-12th October.
- Isolated **heavy rainfall** likely over Nagaland, Manipur, Mizoram & Tripura on 7th October.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa and Madhya Maharashtra on 7th October.

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South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Rayalaseema, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 7th-12th October; Kerala & Mahe on 12th October; Lakshadweep during 7th-8th October and on 12th October; North Interior Karnataka during 9th-10th October.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 7th-11th October; Lakshadweep during 9th-11th October.
- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 7th-10th October; Kerala & Mahe and Lakshadweep during 9th-10th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe during 7th-8th October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 7th-8th October.
- Isolated **thunderstorm & lightning** likely over South Interior Karnataka on 7th October.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 8th-10th October; Kerala & Mahe during 9th-10th October.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 7th-8th October.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Jharkhand, Himachal Pradesh, Uttarakhand and South Interior Karnataka; **at many places** over Nagaland, Manipur, Mizoram & Tripura, East Madhya Pradesh, East Uttar Pradesh, Bihar, Odisha, Assam & Meghalaya, Jammu & Kashmir and Ladakh, Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Gangetic West Bengal, Tamilnadu Puducherry & Karaikal and Chhattisgarh; **Dry** over rest of the country.

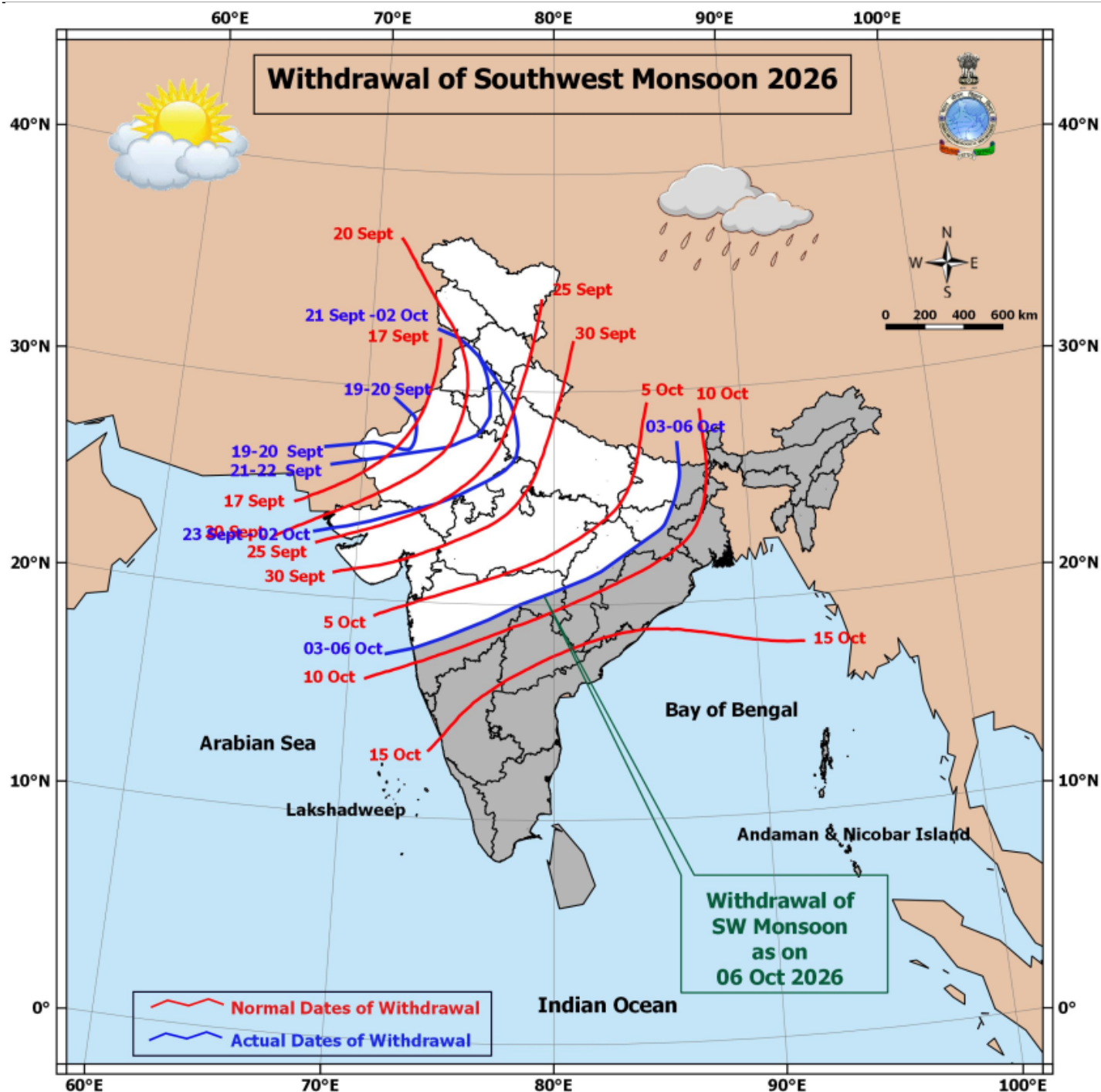
❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Jharkhand**: Jamshedpur AP (dist East Singhbhum) 3, Ranchi AP (dist Ranchi) 1; Jammu & Kashmir And Ladakh: Katra (dist Reasi) 2; **Kerala & Mahe**: Thiruvananthapuram-city (dist Thiruvananthapuram) 2, Kochi (cochin) (dist Ernakulam) 1; **Coastal Andhra Pradesh & Yanam**: Bapatla (dist Bapatla), Ongole (dist Prakasam) 1 Each; **Gangetic West Bengal**: Kolkata-alipur (dist Kolkata) 1; **Tamilnadu Puducherry & Karaikal**: Tiruchirapalli AP (dist Tiruchirappalli) 1; **Chhattisgarh**: Bilaspur (dist Bilaspur) 1; **Uttarakhand**: Dehra Dun-mokampur (dist Dehradun) 1.

❖ **Minimum Temperature Departures (as on 06-10-2026)**: **markedly above normal(> 5.1°C)** at few places over Himachal Pradesh; at isolated places over Assam & Meghalaya, Bihar, East Uttar Pradesh, West Uttar Pradesh, West Rajasthan and Madhya Maharashtra. **appreciably above normal(3.1°C to 5.0°C)** at few places over Punjab and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Konkan & Goa and Madhya Maharashtra. **above normal(1.6°C to 3.0°C)** at most places over Uttarakhand; at few places over Andaman & Nicobar Islands, Haryana-Chandigarh-Delhi, Punjab, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region and Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at many places over Sub Himalayan West Bengal & Sikkim, Odisha, West Rajasthan, East Rajasthan, East Madhya Pradesh, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema and Tamil Nadu, Puducherry & Karaikal; at most places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, Bihar, Saurashtra & Kutch, Marathwada, Chhattisgarh, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe and Lakshadweep; at few places over Andaman & Nicobar Islands, Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi and West Madhya Pradesh; at isolated places over Uttarakhand, Himachal Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **The lowest minimum temperature** of 15.5°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 06-10-2026)**: **markedly above normal(> 5.1°C)** at few places over Madhya Maharashtra; at isolated places over Marathwada, Vidarbha and Tamil Nadu, Puducherry & Karaikal. **appreciably above normal(3.1°C to 5.0°C)** at many places over North Interior Karnataka and Kerala & Mahe; at few places over East Rajasthan, Telangana and Coastal Karnataka; at isolated places over Gangetic West Bengal, Odisha, Haryana-Chandigarh-Delhi and Rayalaseema. **above normal(1.6°C to 3.0°C)** at many places over Chhattisgarh; at most places over South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Punjab, Himachal Pradesh, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh and Coastal Andhra Pradesh & Yanam; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, Jharkhand, Saurashtra & Kutch and Konkan & Goa. **near normal(-1.5°C to 1.5°C)** at many places over Bihar, West Uttar Pradesh and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad; at most places over Nagaland, Manipur, Mizoram & Tripura and Gujarat Region; at few places over East Uttar Pradesh and Uttarakhand. **The highest maximum temperature** of 40.1°C was reported at PILANI (RAJASTHAN).

Meteorological Analysis (Based on 0530 hours IST)

- The **line of withdrawal of Southwest Monsoon** continues to pass through 27.5°N/86.5°E, Supaul, Ranchi, Raipur, Brahmapuri, Parbhani, Baramati, Harnai and 17.5°N/71.8°E.
- The **Western Disturbance** as a trough in middle & upper tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 69°E to the north of Lat. 32°N persists.
- The **upper air cyclonic circulation** over South Haryana & neighbourhood at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over Southeast Uttar Pradesh & neighbourhood now lies over southeast Madhya Pradesh & adjoining Chhattisgarh extending upto 0.9 km above mean sea level.
- The **trough** now runs from West Uttar Pradesh & neighbourhood to North Bay of Bengal across Southeast Uttar Pradesh, northeast Madhya Pradesh, Chhattisgarh, Jharkhand & North Odisha extending upto 1.5 km above mean sea level.
- The **trough** now runs from north Sub-Himalayan West Bengal to South Konkan & Goa across Bihar, Jharkhand, Chhattisgarh, Vidarbha, Marathwada & Madhya Maharashtra at 5.8 km above mean sea level.
- An **upper air cyclonic circulation** lies over Jharkhand & neighbourhood at 3.1 km above mean sea level.
- The **upper air cyclonic circulation** over Coastal Andhra Pradesh & adjoining West central Bay of Bengal at 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over Southeast Arabian Sea off south Kerala coast at 5.8 km above mean sea level persists.
- The **trough** from Gulf of Mannar to Madhya Maharashtra across Tamil Nadu, Interior Karnataka at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over North Gangetic West Bengal & neighbourhood at 3.1 km above mean sea level has become less marked.

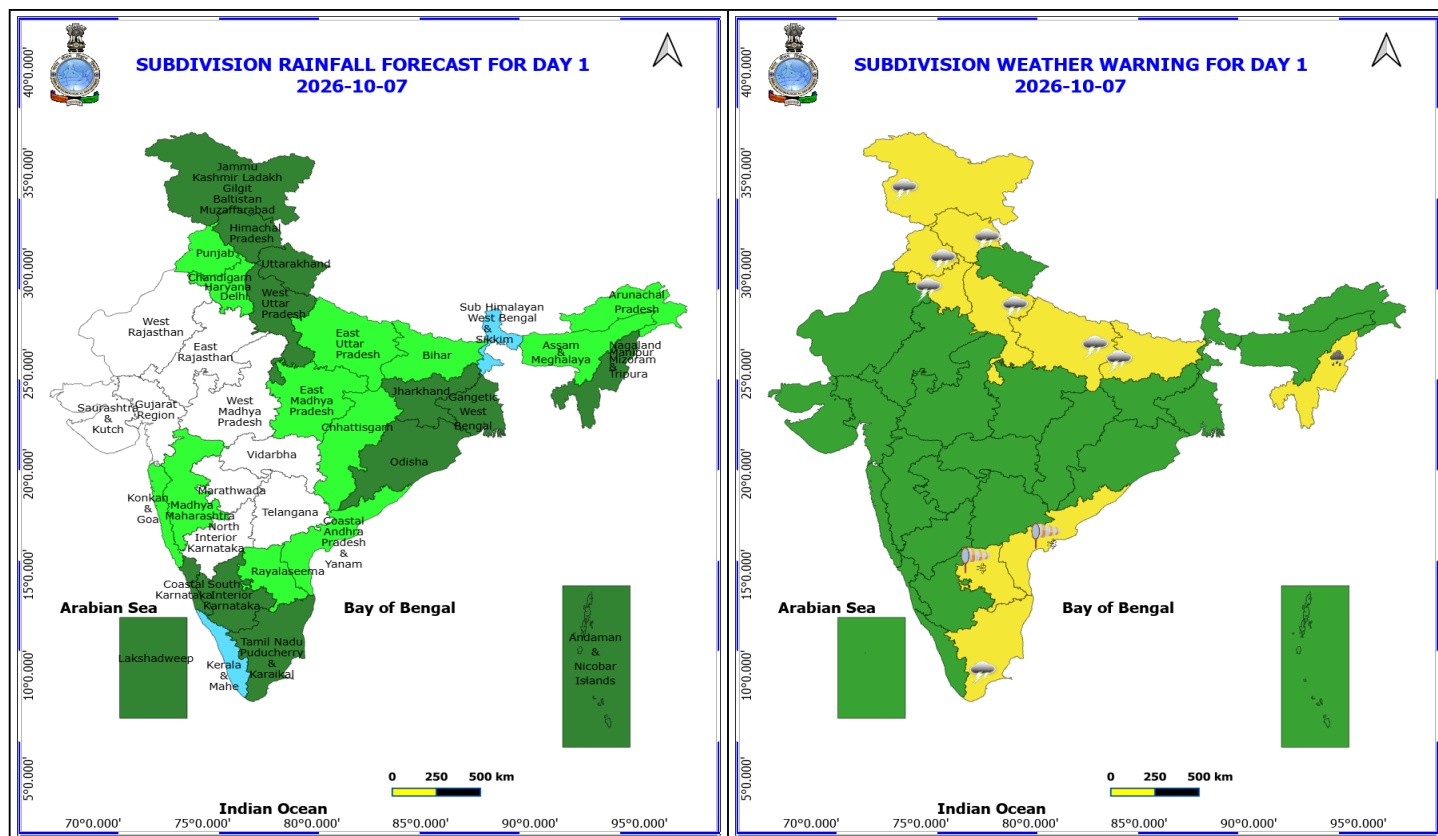


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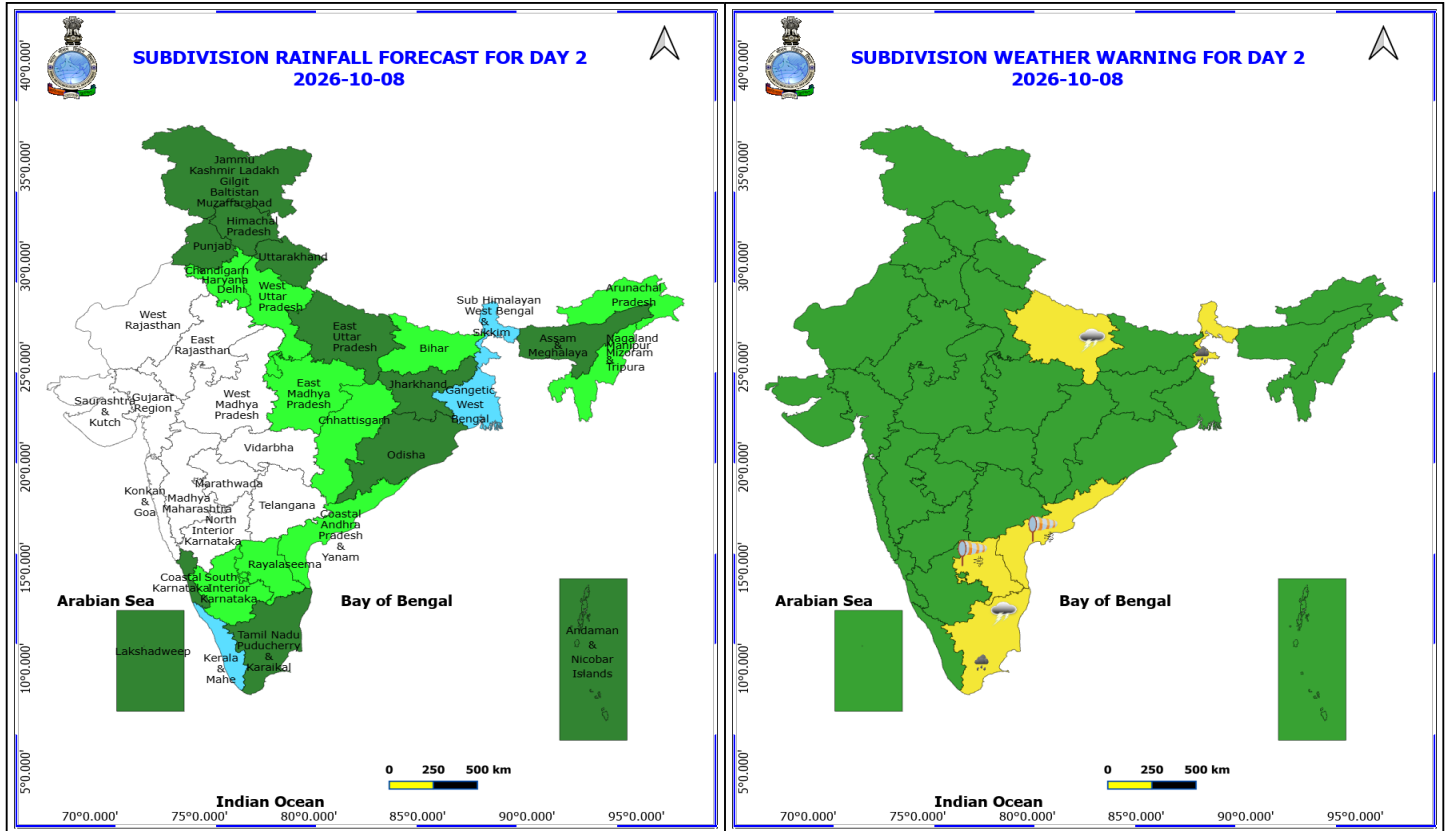
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7 October (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Tamil Nadu Puducherry & Karaikal and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Jharkhand, Kerala & Mahe, Odisha, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andaman & Nicobar Islands, Chhattisgarh, East Madhya Pradesh, South Interior Karnataka and Vidarbha.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

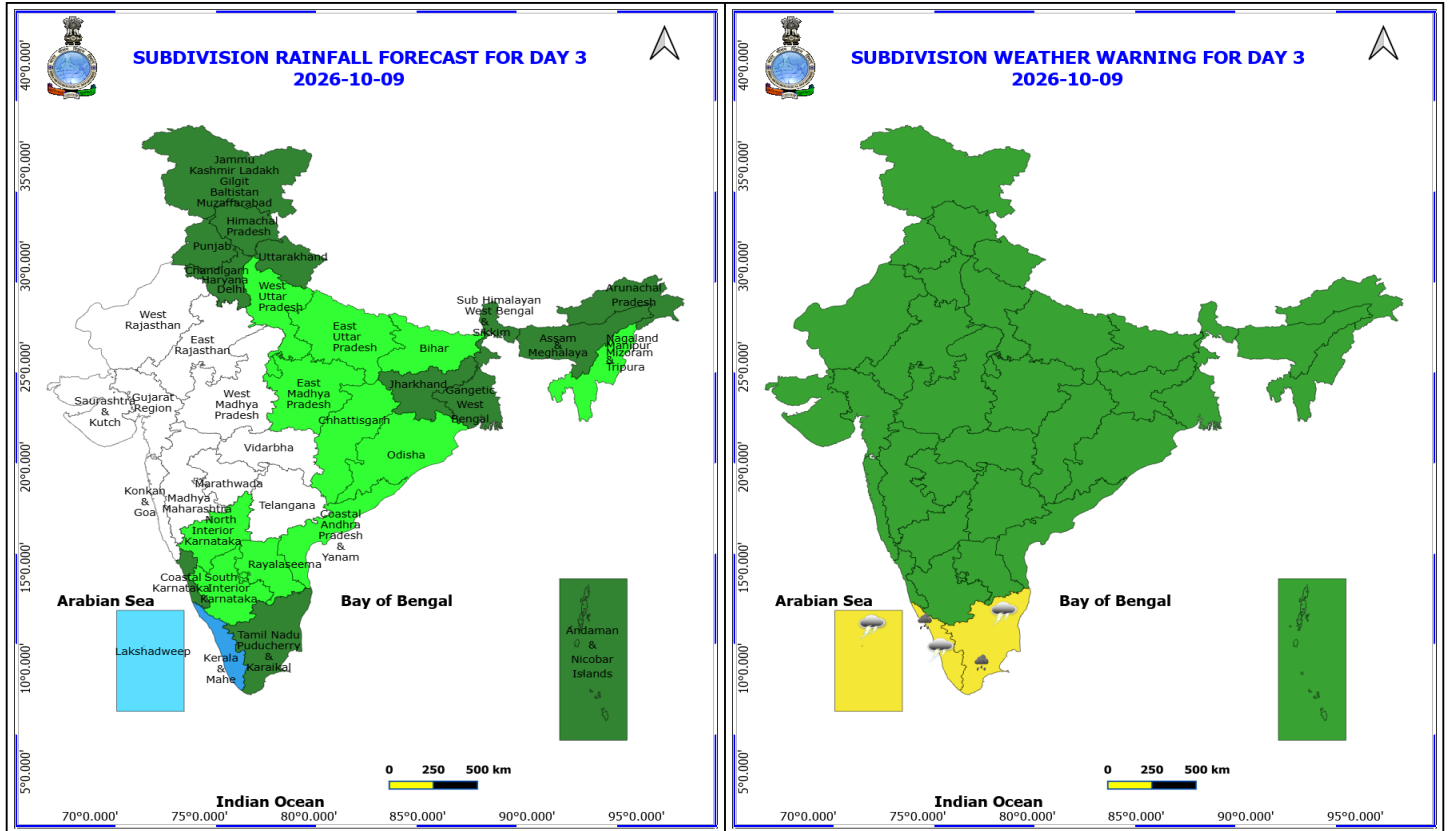
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8 October (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over East Uttar Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Kerala & Mahe, Odisha, Punjab, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Chhattisgarh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Uttar Pradesh.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.

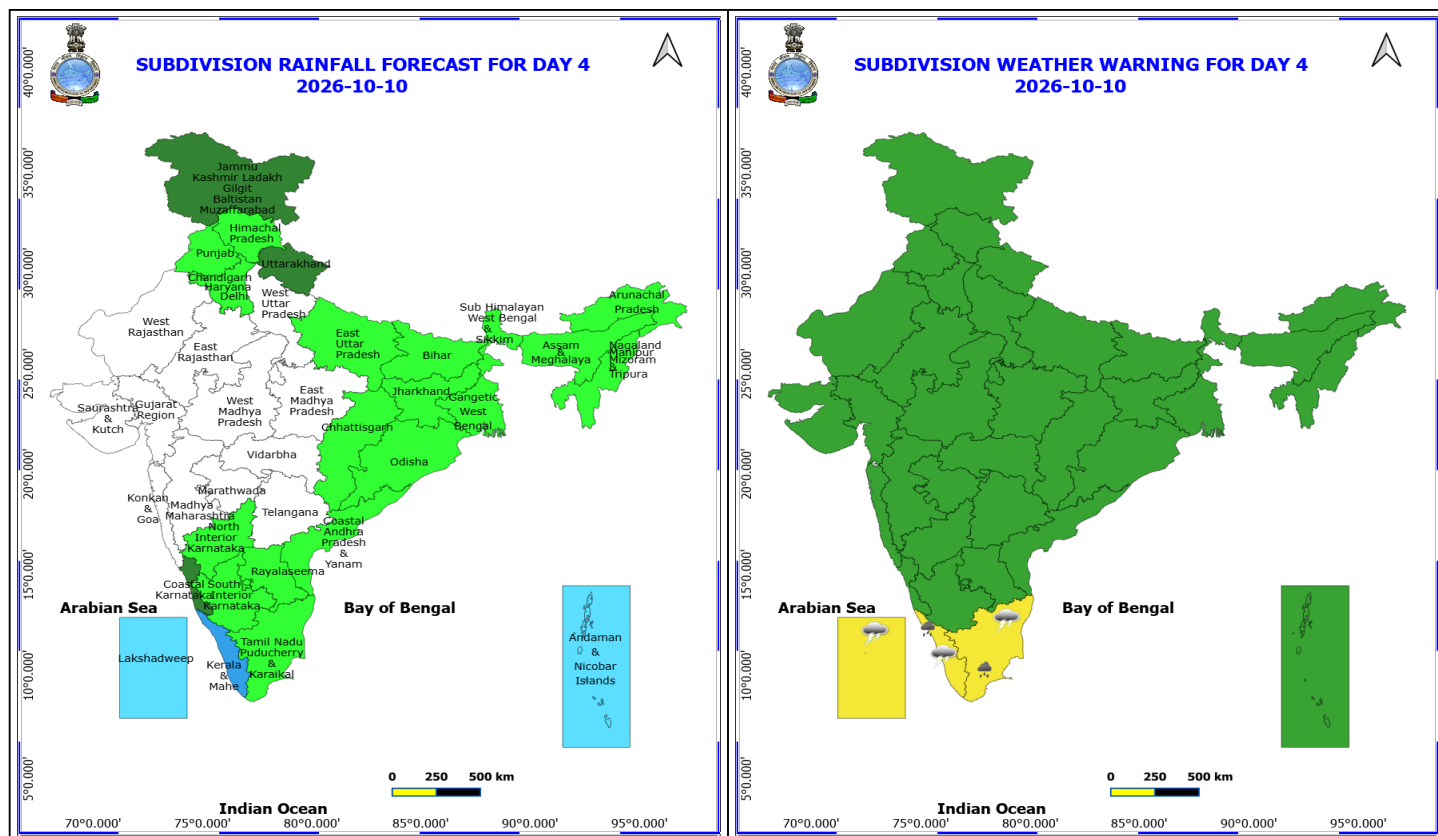
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9 October (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jharkhand, Punjab, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.

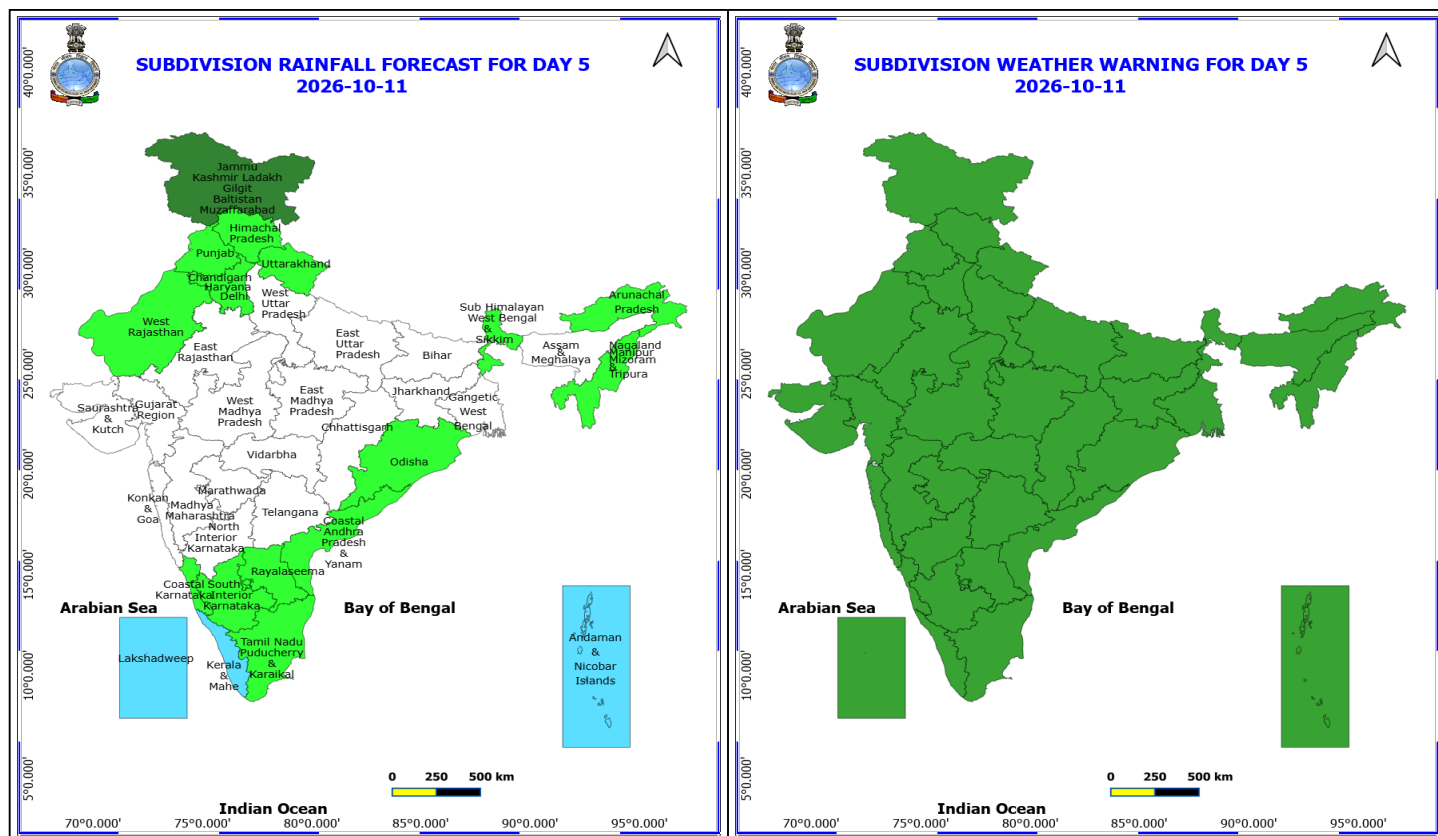
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10 October (Day 4)

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Kerala & Mahe, Lakshadweep and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.

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11 October (Day 5)

No Warning

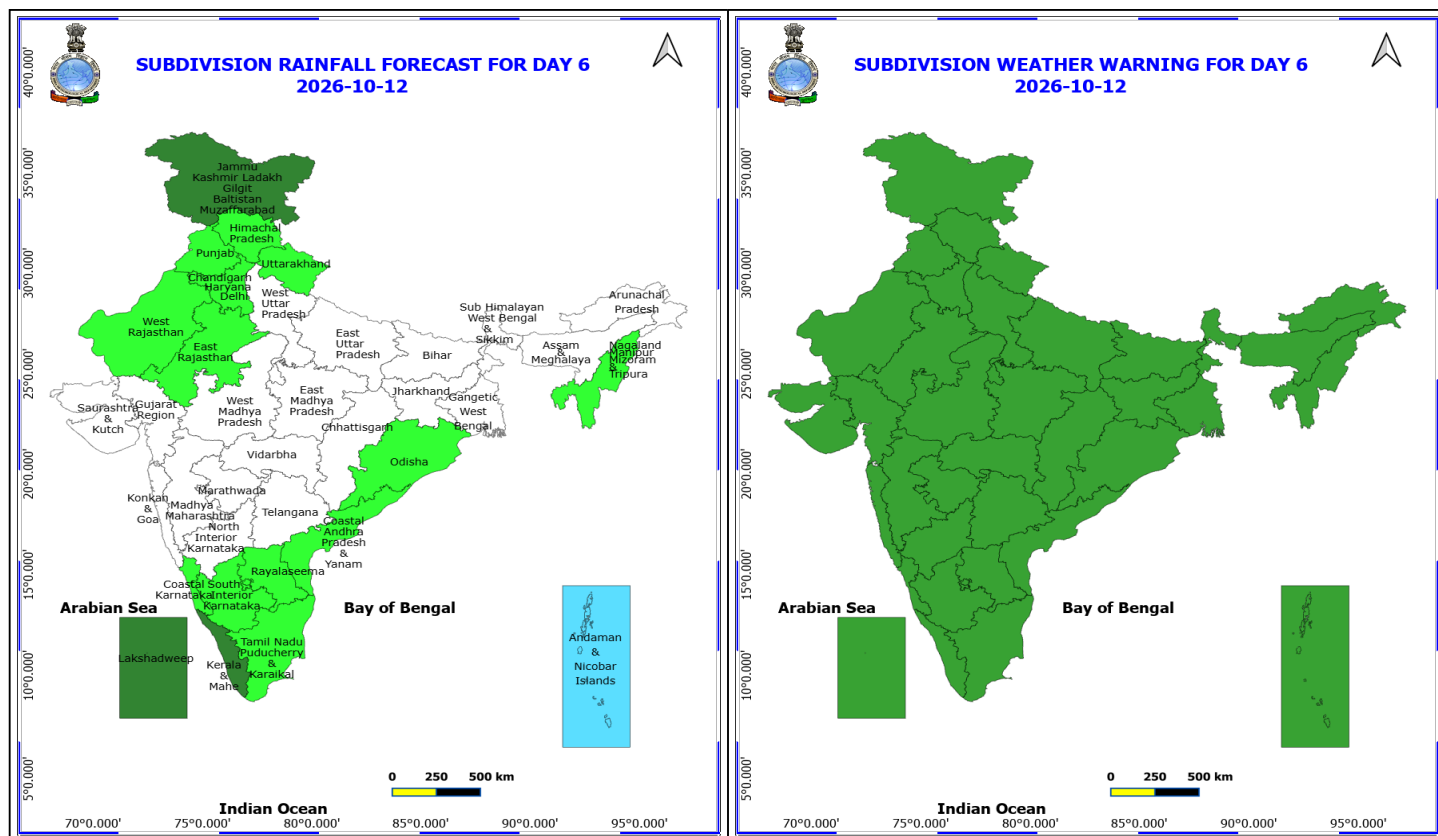
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12 October (Day 6)

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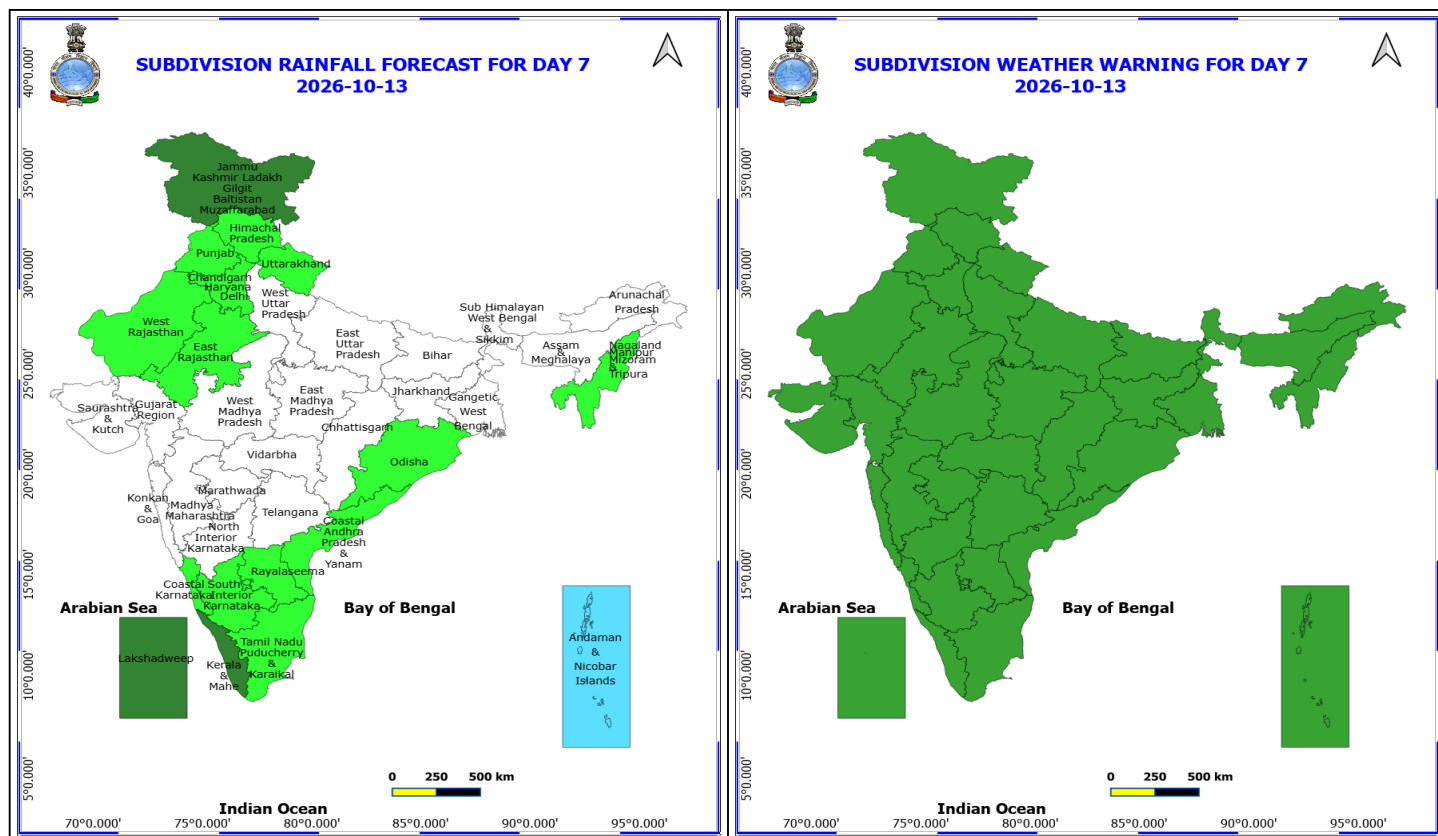
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13 October (Day 7)

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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	7- Oct	8- Oct	9- Oct	10- Oct	11- Oct	12- Oct	13- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	ISOL	ISOL	SCT	ISOL	ISOL	DRY	DRY
3	ASSAM & MEHGHALAYA	ISOL	SCT	SCT	ISOL	DRY	DRY	DRY
4	N. M. M. & T.	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	SCT	ISOL	ISOL	DRY	DRY
6	GANGETIC WEST BENGAL	SCT	FWS	SCT	ISOL	DRY	DRY	DRY
7	ODISHA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	SCT	SCT	SCT	ISOL	DRY	DRY	DRY
9	BIHAR	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	SCT	ISOL	ISOL	DRY	DRY	DRY
11	WEST UTTAR PRADESH	SCT	ISOL	ISOL	DRY	DRY	DRY	DRY
12	UTTARAKHAND	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
13	HARYANA, CHD & DELHI	ISOL	ISOL	SCT	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	SCT	SCT	SCT
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHATTISGARH	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA	FWS	FWS	WS	WS	FWS	SCT	SCT
36	LAKSHDWEEP	SCT	SCT	FWS	FWS	FWS	SCT	SCT

Legend	Category	%Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

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Fig. 1: Maximum Temperatures Dated 2026-10-06

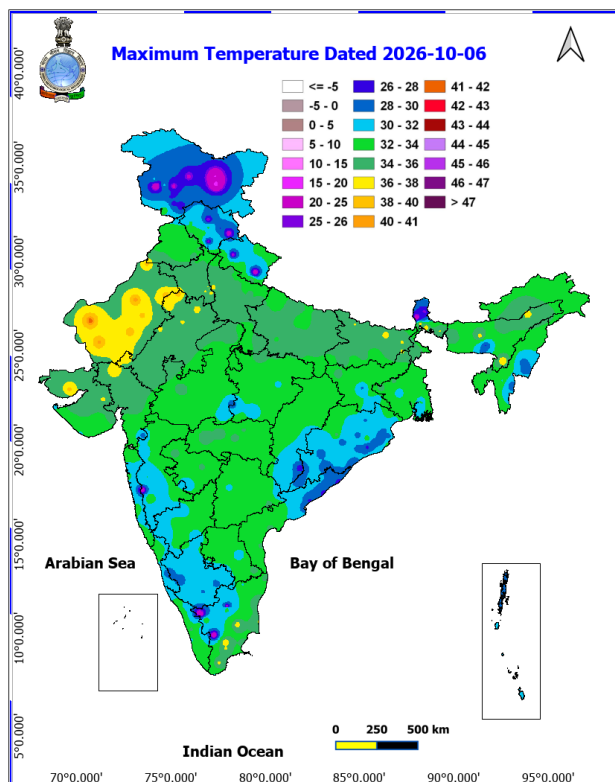


Fig. 2: Departure of Maximum Temp. Dated 2026-10-06

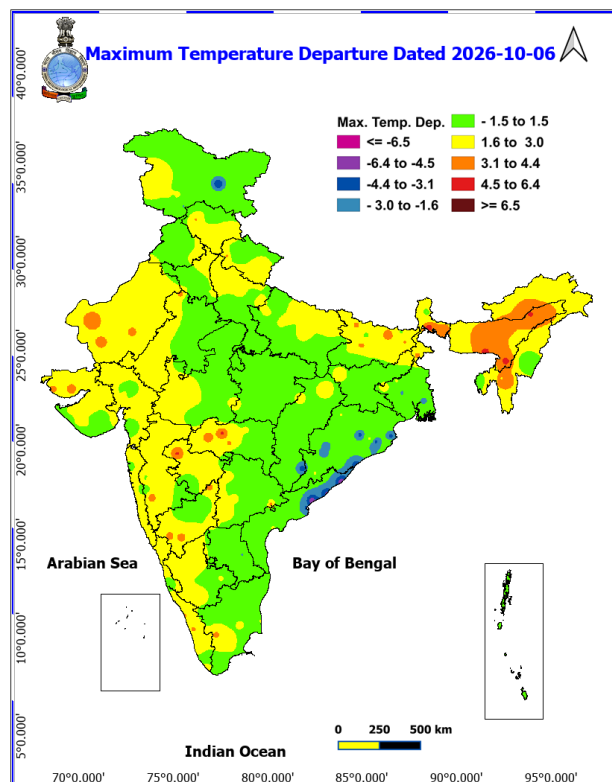


Fig. 3: Minimum Temperatures Dated 2026-10-06

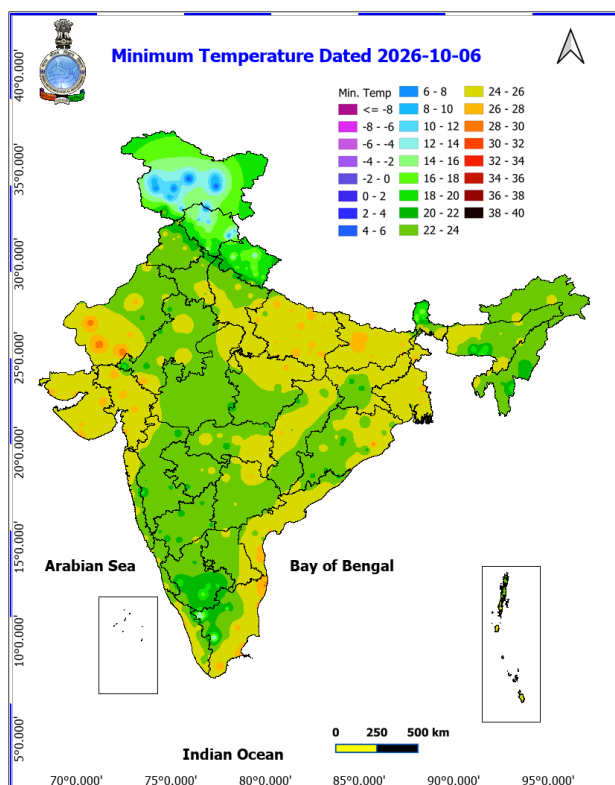
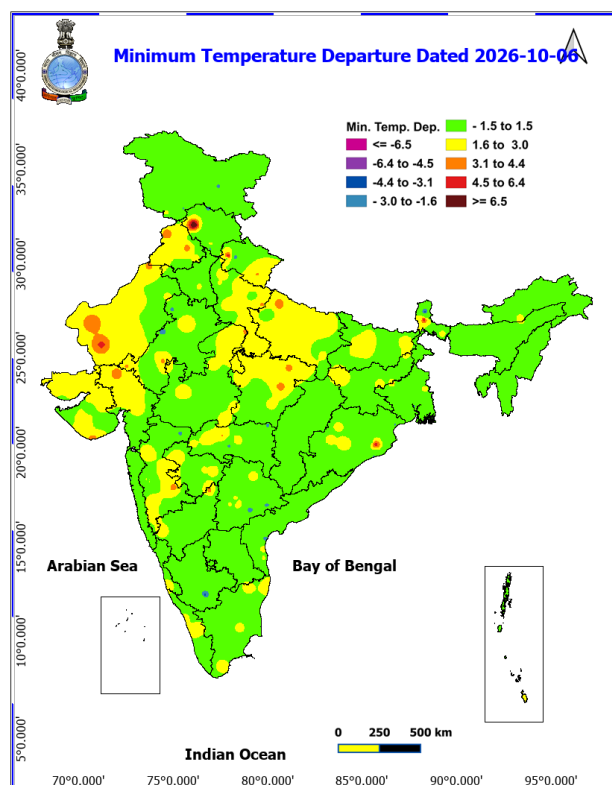
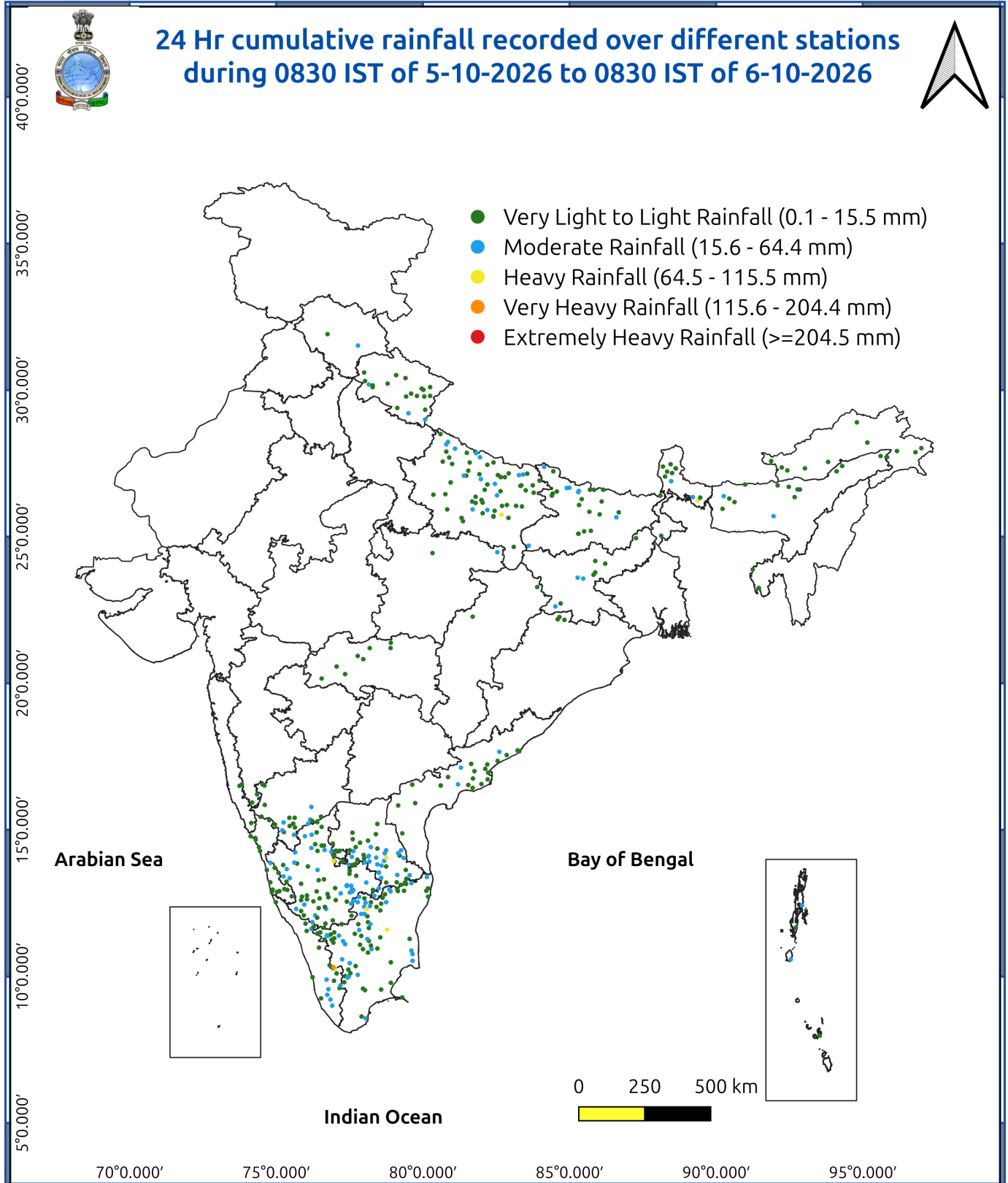


Fig. 4: Departure of Minimum Temp. Dated 2026-10-06





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Impact and Actions

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

- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 8th; Tamil Nadu, Puducherry & Karaikal during 8th-10th October; Kerala & Mahe during 9th-10th October 2026.

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 various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **South Interior Karnataka**, ensure adequate drainage in standing crops, particularly millets and maize, and remove excess water from low-lying fields. Postpone irrigation and other intercultural operations during wet conditions.
- In **Tamil Nadu**, ensure proper drainage in rice, groundnut and vegetable fields and remove excess water from low-lying areas. In banana, provide adequate drainage and support to five-month-old plants to prevent lodging; postpone fertilizer and pesticide application during the rainfall period and undertake harvesting of mature crops during suitable dry intervals.
- In **Keralam**, ensure adequate drainage in paddy, banana, coconut, pepper, ginger, turmeric, vegetables and other standing crops, with priority to low-lying and waterlogged fields. Provide strong support to banana and other vulnerable crops, undertake harvesting of matured paddy during clear weather and keep harvested produce in safe 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.

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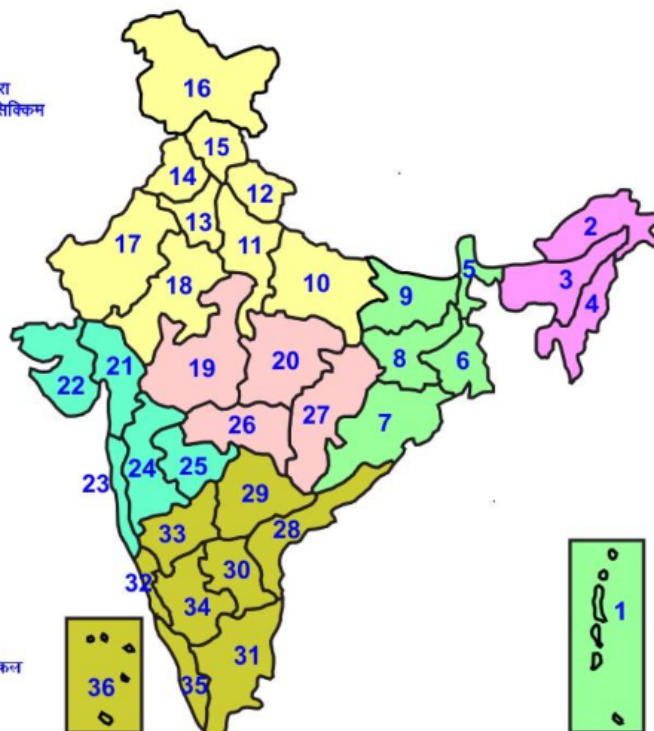
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Agromet advisory for likely impact of heavy rainfall on Livestock / Poultry / Fisheries

- 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

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा चंडीगढ़ एवं दिल्ली
- 14 पंजाब
- 15 हिमाचल प्रदेश
- 16 जम्मू एवं कश्मीर एवं लद्दाख
- 17 पश्चिम राजस्थान
- 18 पूर्वी राजस्थान
- 19 पश्चिम मध्य प्रदेश
- 20 पूर्वी मध्य प्रदेश
- 21 गुजरात क्षेत्र
- 22 सौराष्ट्र एवं कच्छ
- 23 कोंकण एवं गोवा
- 24 मध्य महाराष्ट्र
- 25 मराठावाड़ा
- 26 विदर्भ
- 27 छत्तीसगढ़
- 28 तटीय आंध्र प्रदेश एवं यनम
- 29 तेलंगाना
- 30 रायलसीमा
- 31 तमिलनाडु, पुदुचेरी एवं कराईकल
- 32 तटिय कर्नाटक
- 33 आंतरिक उत्तरी कर्नाटक
- 34 आंतरिक दक्षिणी कर्नाटक
- 35 केरल एवं 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. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & 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. Marathawada
26. Vidharbha
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)

Subdivision Colour

- NO WARNING
- WATCH (BE UPDATED)
- 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

-  Heavy Rain

 Thunderstorm & Lightning

 Strong surface winds

 Cold Wave

 Hot & Humid

 Very Heavy Rain

 Hailstorm

 Heat Wave

 Cold Day

 Extremely Heavy Rain

 Dust Storm

 Hot Day

 Ground Frost

 Heavy Snow

 Dust Raising Winds

 Warm Night

 Fog

*Red color warning does not mean "Red Alert" Red color warning means "Take Action"

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LEGENDS

WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Probabilistic Forecast

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



Heavy: 64.5 to 115.5 mm/cm *
Very Heavy: 115.6 to 204.4 mm/cm *
Extremely Heavy: > 204.4 mm/cm *



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 $\geq 37^{\circ}\text{C}$



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 $> 6.4^{\circ}\text{C}$.



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 $\leq 15^{\circ}\text{C}$



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 $\leq -6.5^{\circ}\text{C}$



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



Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)



An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.



Ice deposits on ground

Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)



A strong wind that rises suddenly, lasts for at least 1 minute.

Moderate: Wind speed 52-61 kmph
Severe: Wind speed 62-87 kmph
Very Severe: Wind speed > 87 kmph



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



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 118-165 kmph (64-89 knots)
Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90-119 knots)
Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

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