

2026-10-02

Time of Issue: 16:30:00 hours IST
(Evening)

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 6th-8th October; Himachal Pradesh during 5th-8th October; Uttarakhand during 5th-6th October and on 8th October.
- **Isolated to Scattered** rainfall likely over Punjab during 7th-8th October; Haryana Chandigarh & Delhi during 6th-8th October; West Uttar Pradesh during 6th-7th October; East Uttar Pradesh during 5th-8th October.
- **Fairly Widespread to Widespread** rainfall likely over Uttarakhand on 7th October.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Himachal Pradesh during 6th-7th October.

Central India:

- **Isolated to Scattered** rainfall likely over West Madhya Pradesh on 8th October; East Madhya Pradesh during 6th-8th October; Chhattisgarh during 5th-8th October.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over East Madhya Pradesh during 6th-8th October.

East India:

- **Isolated to Scattered** rainfall likely over Andaman & Nicobar Islands, Gangetic West Bengal and Sub-Himalayan West Bengal & Sikkim during 2nd-8th October; Bihar, Jharkhand and Odisha during 5th-8th October.
- **Isolated thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 2nd-4th October; Bihar during 6th-8th October.

Northeast India:

- **Isolated to Scattered** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 2nd-8th October.
- **Isolated thunderstorm & lightning** likely over Arunachal Pradesh on 2nd October; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 2nd-3rd October.
- **Isolated heavy rainfall** likely over Arunachal Pradesh during 3rd-4th October; Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 2nd October.

West India:

- **Isolated to Scattered** rainfall likely over Konkan & Goa and Madhya Maharashtra during 5th-8th October; Saurashtra & Kutch on 2nd October.
- **Hot & Humid weather likely over coastal Maharashtra during 02nd -05th October.**

South Peninsular India:

- **Isolated to Scattered** rainfall likely over Coastal Andhra Pradesh & Yanam, North Interior Karnataka, Rayalaseema and Tamil Nadu, Puducherry & Karaikal during 2nd-8th October; Kerala & Mahe during 7th-8th October; Lakshadweep during 4th-8th October; Coastal Karnataka on 2nd October and during 7th-8th October; South Interior Karnataka during 2nd-4th October and during 7th-8th October; Telangana during 6th-7th October.
- **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 2nd-6th October; Lakshadweep during 2nd-3rd October; Coastal Karnataka during 3rd-6th October; South Interior Karnataka during 5th-6th

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October.

- Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 2nd-6th October; Kerala & Mahe during 4th-6th October, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe and Lakshadweep during 2nd-3rd October; Coastal Andhra Pradesh & Yanam and Rayalaseema during 2nd-6th October; Telangana during 6th-7th October.
- Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 4th-6th October; South Interior Karnataka during 5th-6th October.
- Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 2nd-6th October.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Kerala & Mahe; **at many places** over Andaman & Nicobar Islands and Nagaland, Manipur, Mizoram & Tripura; **at a few places** over Arunachal Pradesh and Assam & Meghalaya; **at isolated places** over Sub Himalayan West Bengal & Sikkim, Gangetic West Bengal, Uttarakhand, Himachal Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Nagaland, Manipur, Mizoram & Tripura**: Lawngtlai (dist Lawngtlai), Mokokchang (dist Mokokchung) 9 Each; Zunheboto Nsdma AWS (dist Zunheboto) 7; **Gangetic West Bengal**: Dum Dum (dist North 24 Parganas) 8; **Assam & Meghalaya**: KVK Dibrugarh (dist Dibrugarh) 12, DC Office Dibrugarh (dist Dibrugarh) 8, A P Ghat (dist Cachar) 7.

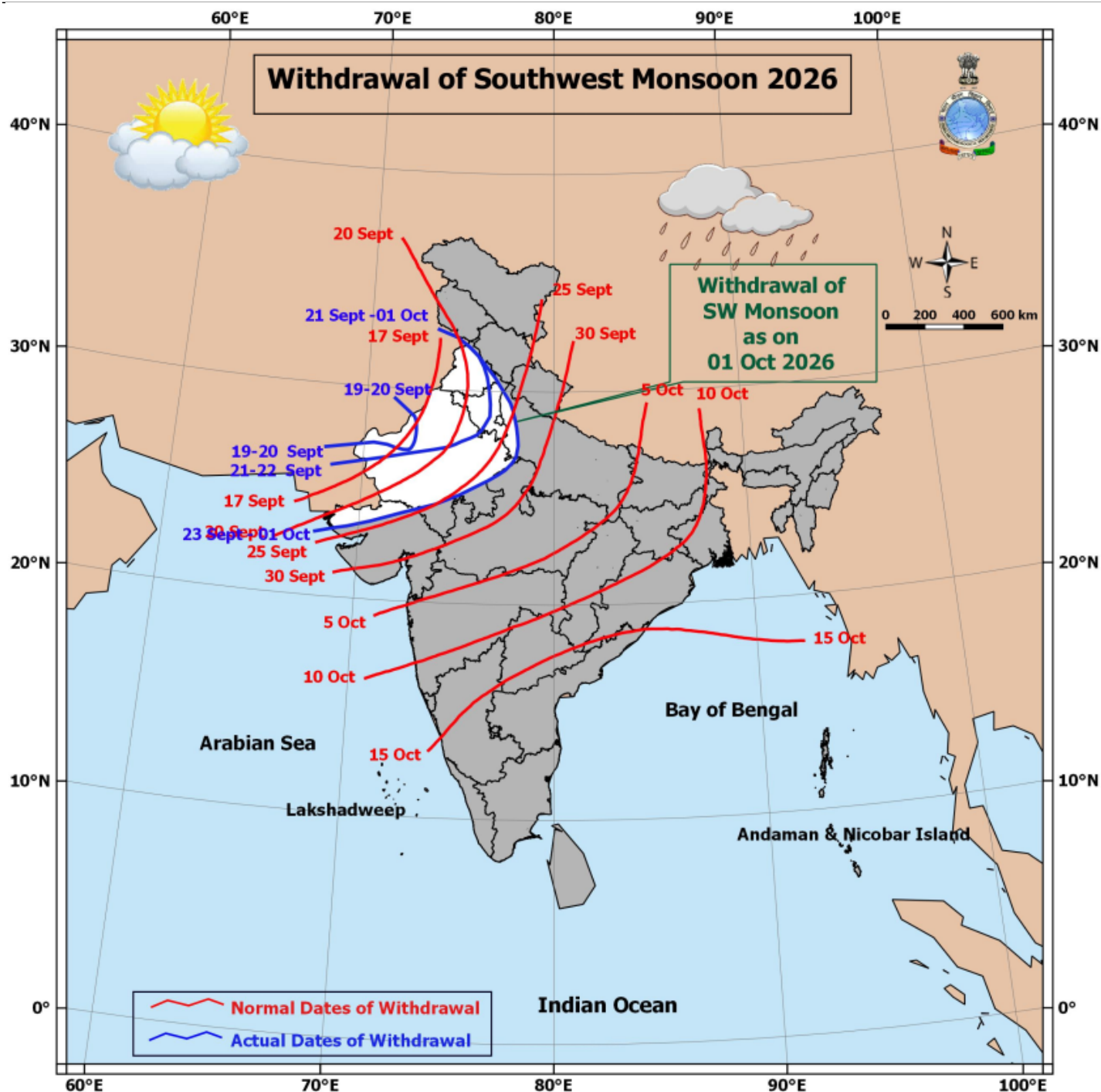
❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Gangetic West Bengal.

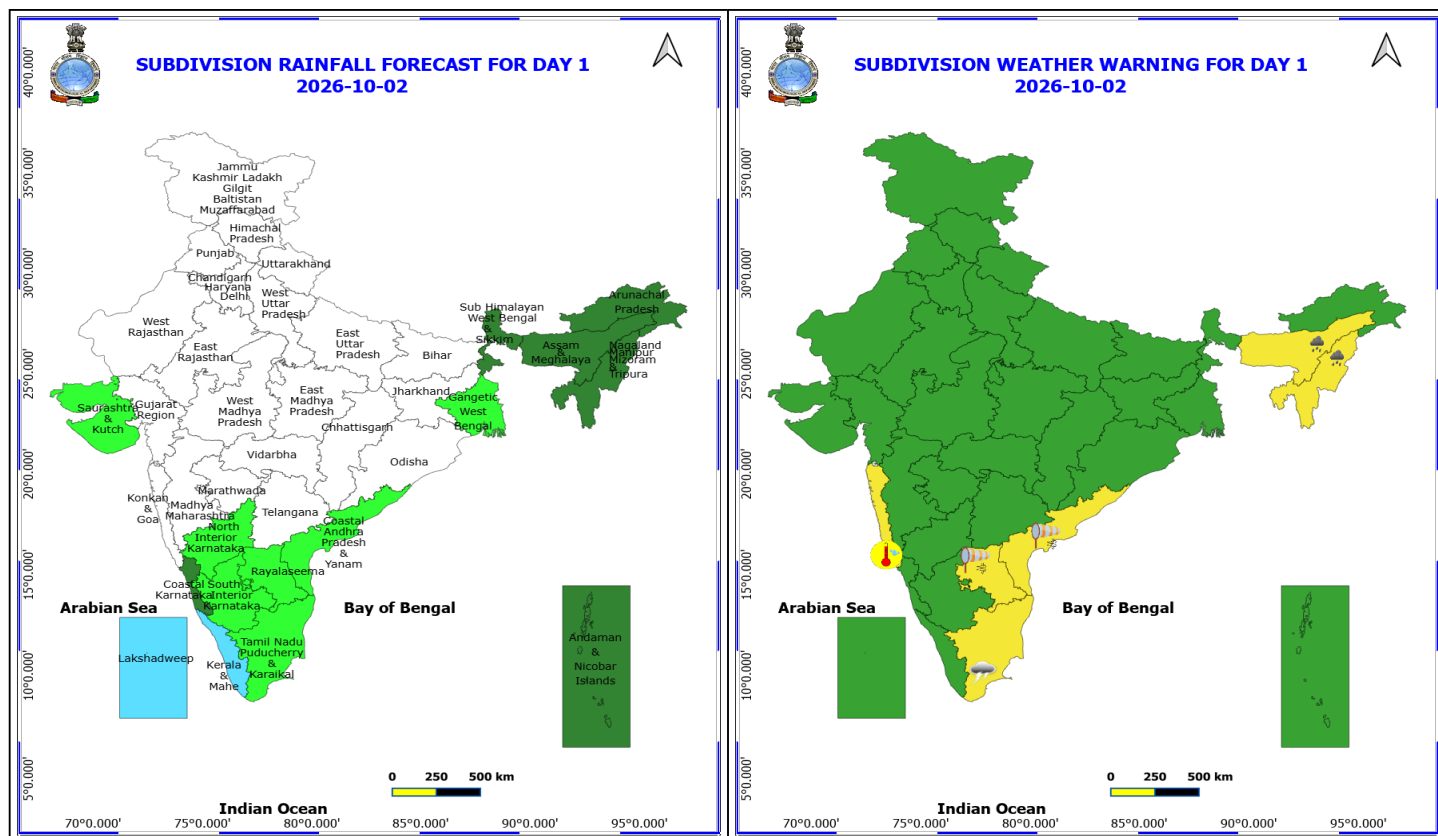
❖ **Minimum Temperature Departures (as on 02-10-2026)**: **markedly above normal(> 5.1°C)** at few places over Himachal Pradesh; at isolated places over Assam & Meghalaya, Bihar and West Uttar Pradesh. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal(1.6°C to 3.0°C)** at few places over Gangetic West Bengal, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Rayalaseema, Coastal Karnataka and Lakshadweep; at isolated places over Odisha, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Madhya Maharashtra. **near normal(-1.5°C to 1.5°C)** at most places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, Jharkhand, Gujarat Region, Marathwada, Vidarbha, Chhattisgarh, Telangana, North Interior Karnataka and South Interior Karnataka. **The lowest minimum temperature** of 16.0°C was reported at HALFLONG (ASSAM) over the Plains of India.

❖ **Maximum Temperature Departures (as on 01-10-2026)**: **markedly above normal(> 5.1°C)** at few places over Himachal Pradesh. **near normal(-1.5°C to 1.5°C)** at most places over Konkan & Goa, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **The highest maximum temperature** of 39.5°C was reported at PALAYAMKOTTAI (TAMIL NADU).

Meteorological Analysis (Based on 1430 hours IST)

- The **line of withdrawal of Southwest Monsoon** continues to pass through 32.5°N/72.5°E, Gurdaspur, Chandigarh, Muzaffarnagar, Aligarh, Dholpur, Udaipur, Deesa, Naliya and 23.0°N/67.8°E.
- **Conditions are likely to become favourable** for further withdrawal of southwest monsoon from remaining parts of Punjab, Haryana, Rajasthan, Uttar Pradesh; most parts of Gujarat, Madhya Pradesh; entire Jammu & Kashmir, Himachal Pradesh, Uttarakhand; some parts of Bihar, Jharkhand, Chhattisgarh, and Maharashtra during next 24 hours.
- The **upper air cyclonic circulation** over North Myanmar and adjoining Mizoram-Tripura between 3.1 & 5.8 km above mean sea level persists.
- The **upper air cyclonic circulation** over Sikkim & neighbourhood between 1.5 & 3.1 km above mean sea level persists.
- The **upper air cyclonic circulation** over central Assam & neighbourhood now lies over northeast Assam & neighbourhood and extends upto 1.5 km above mean sea level.
- The **trough** from Northeast Arabian sea to westcentral Arabian sea now seen as cyclonic circulation over Westcentral Arabian sea between 1.5 & 5.8 km above mean sea level.
- The **upper air cyclonic circulation** over East Uttar Pradesh & adjoining Bihar at 3.1 km above mean sea level persists.
- The **trough** from West Uttar Pradesh to north Gujarat now runs from West Uttar Pradesh to Southeast Rajasthan at 5.8 km above mean sea level.
- A cyclonic circulation off Keralam coast is embedded in the **trough** extending from the Southeast Arabian Sea to the East-Central Arabian Sea, off the Keralam–Karnataka–Goa–Maharashtra coasts, at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over Southwest Bay of Bengal & adjoining Sri Lanka at 3.1 km above mean sea level.

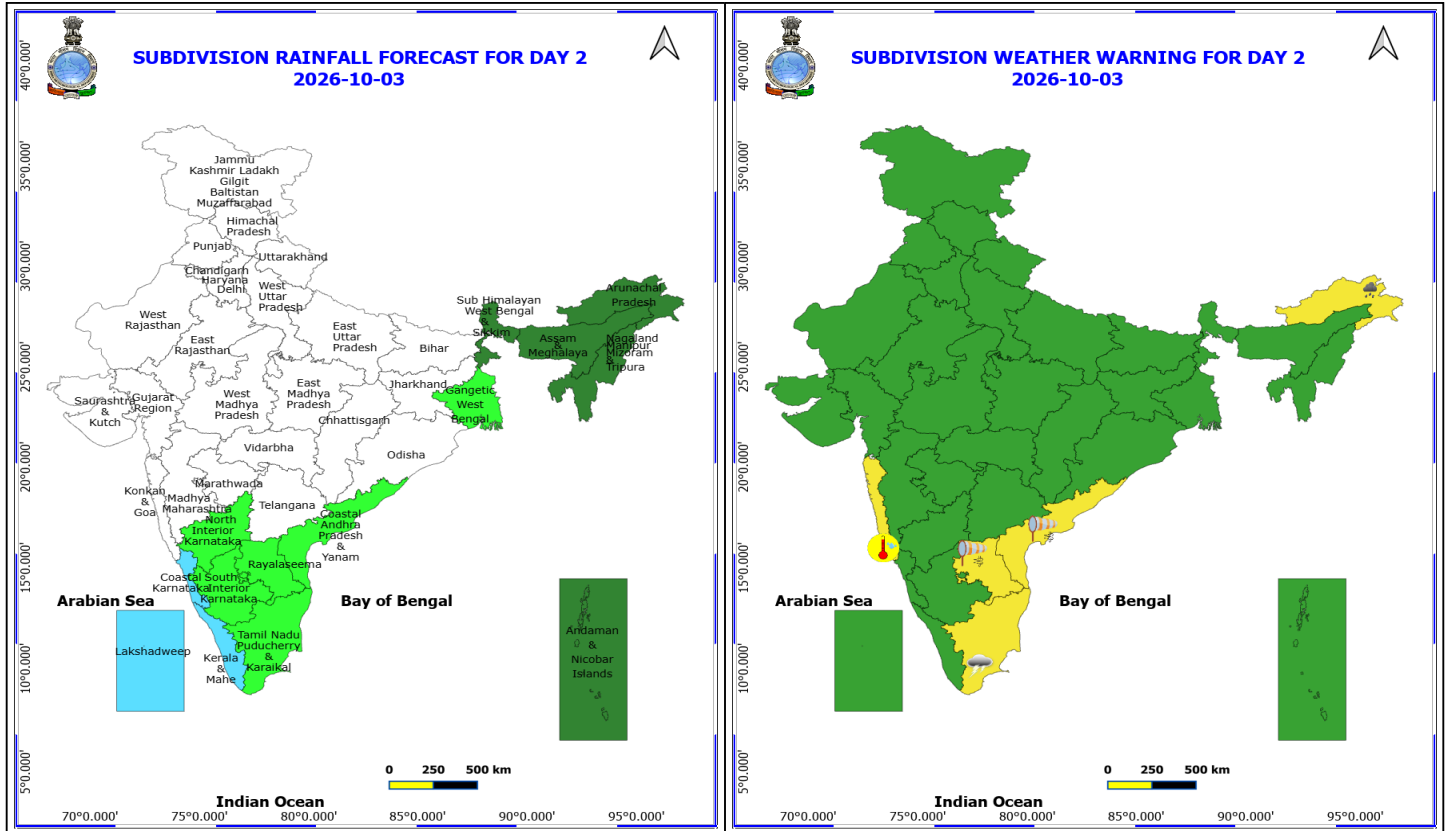




2 October (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Kerala & Mahe, Lakshadweep and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

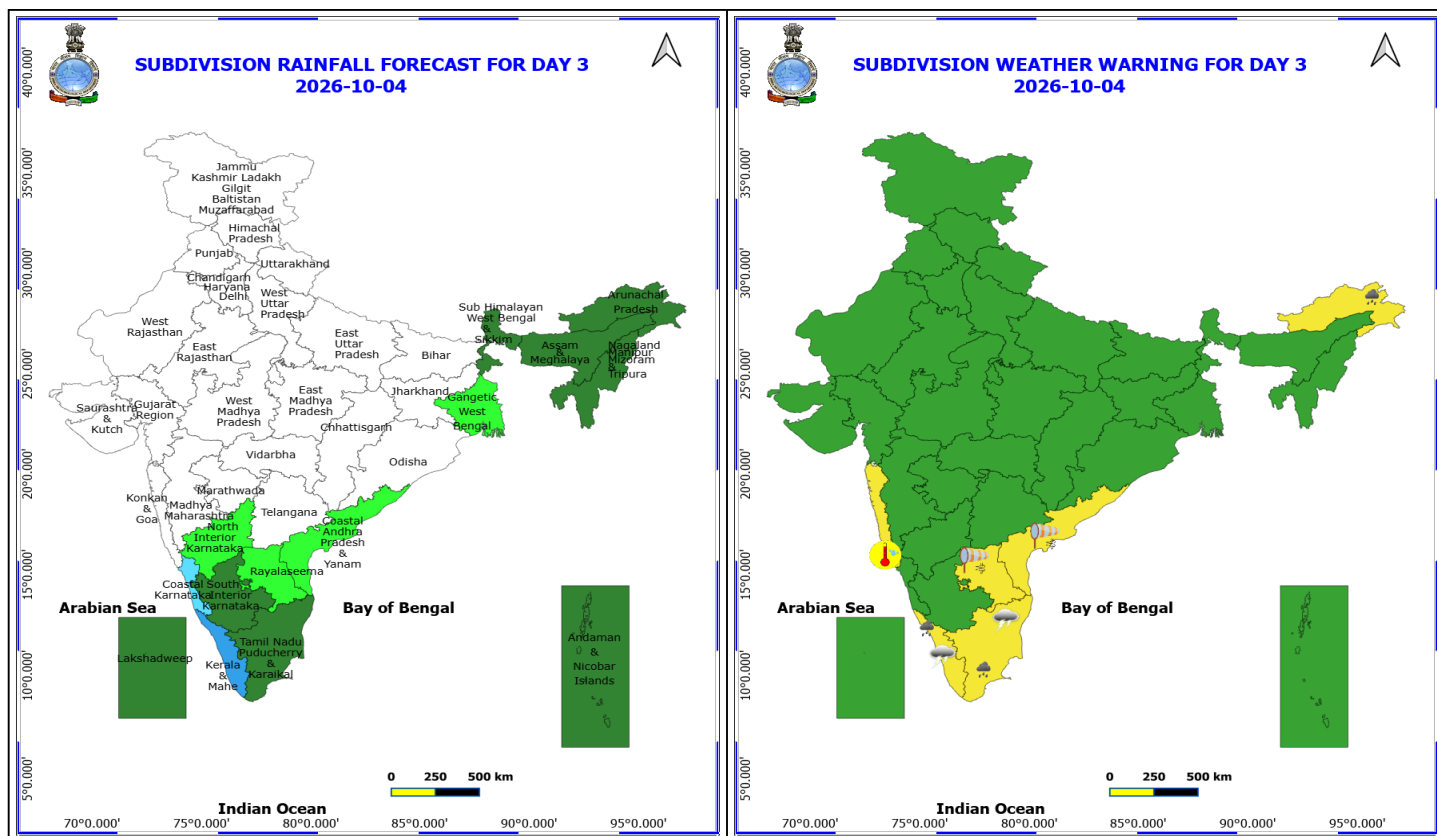
No Fishermen Warning



3 October (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Kerala & Mahe, Lakshadweep and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya and Nagaland, Manipur, Mizoram and Tripura.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

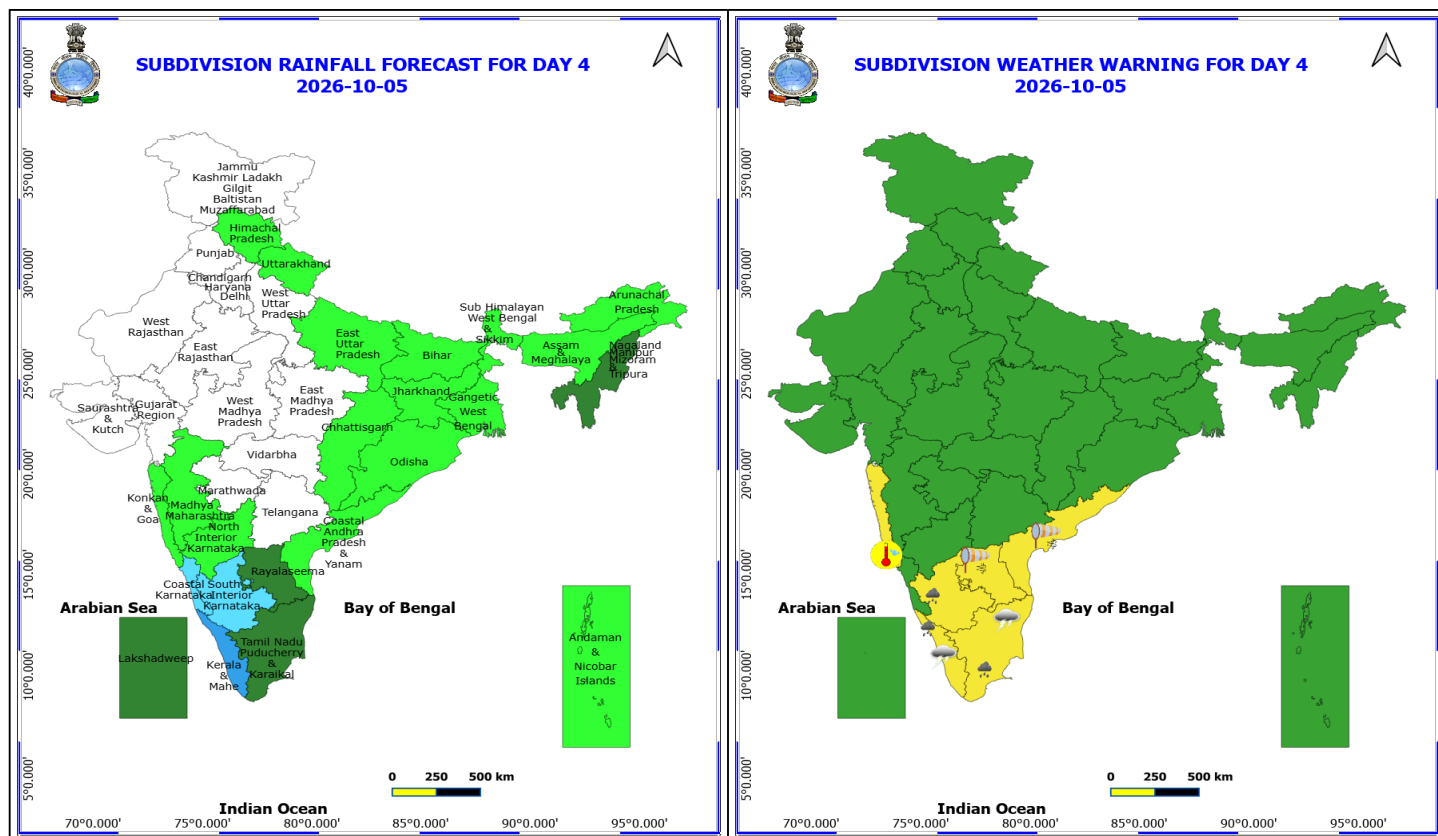
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4 October (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Strong Surface Winds** very likely at isolated places over Andhra Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

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5 October (Day 4)

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.
- ❖ **Hot and Humid weather** likely at isolated places over Konkan & Goa.

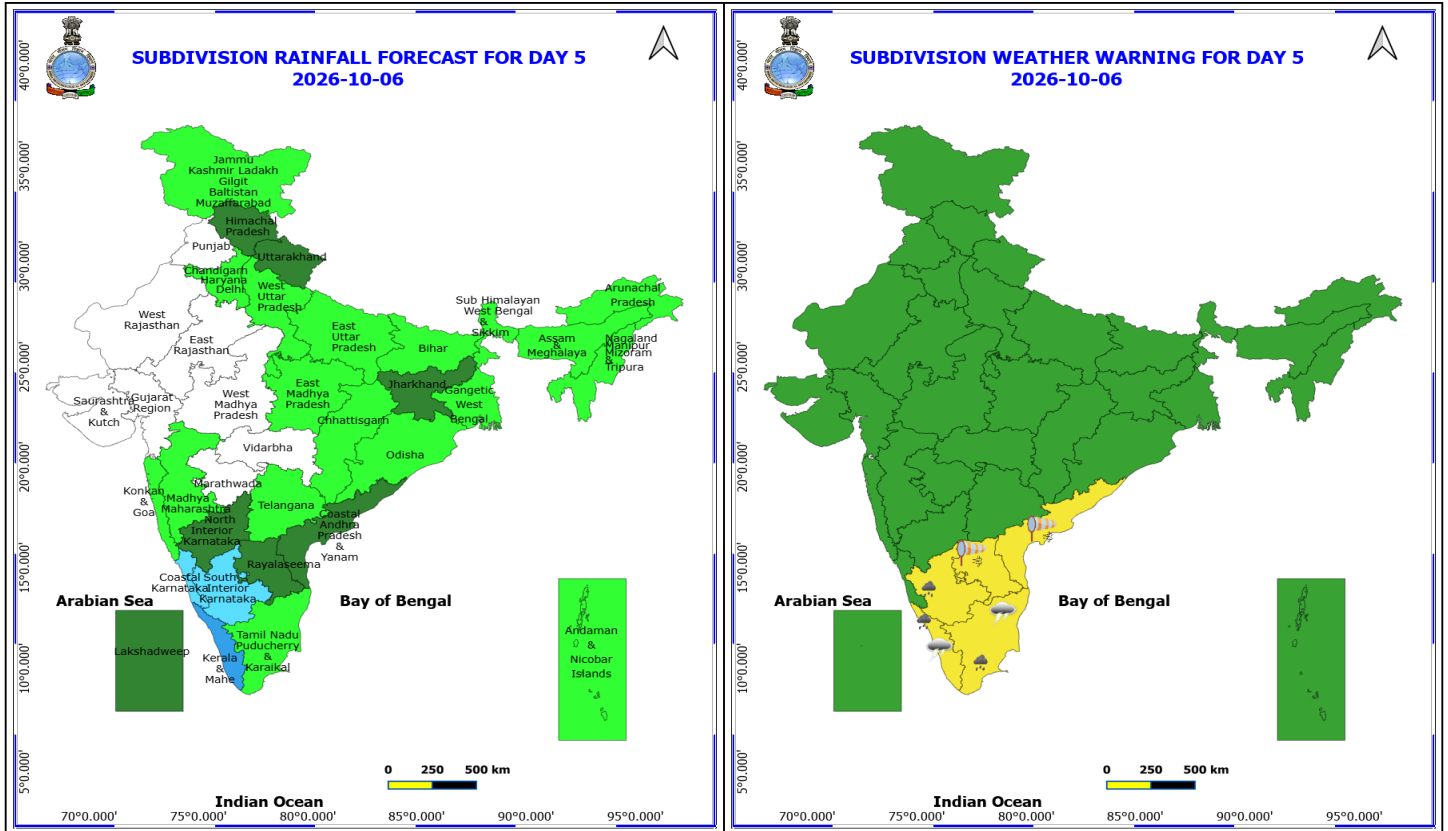
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6 October (Day 5)

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Bihar, East Madhya Pradesh, Himachal Pradesh and Telangana.
- ❖ **Strong Surface Winds** likely at isolated places over Andhra Pradesh.

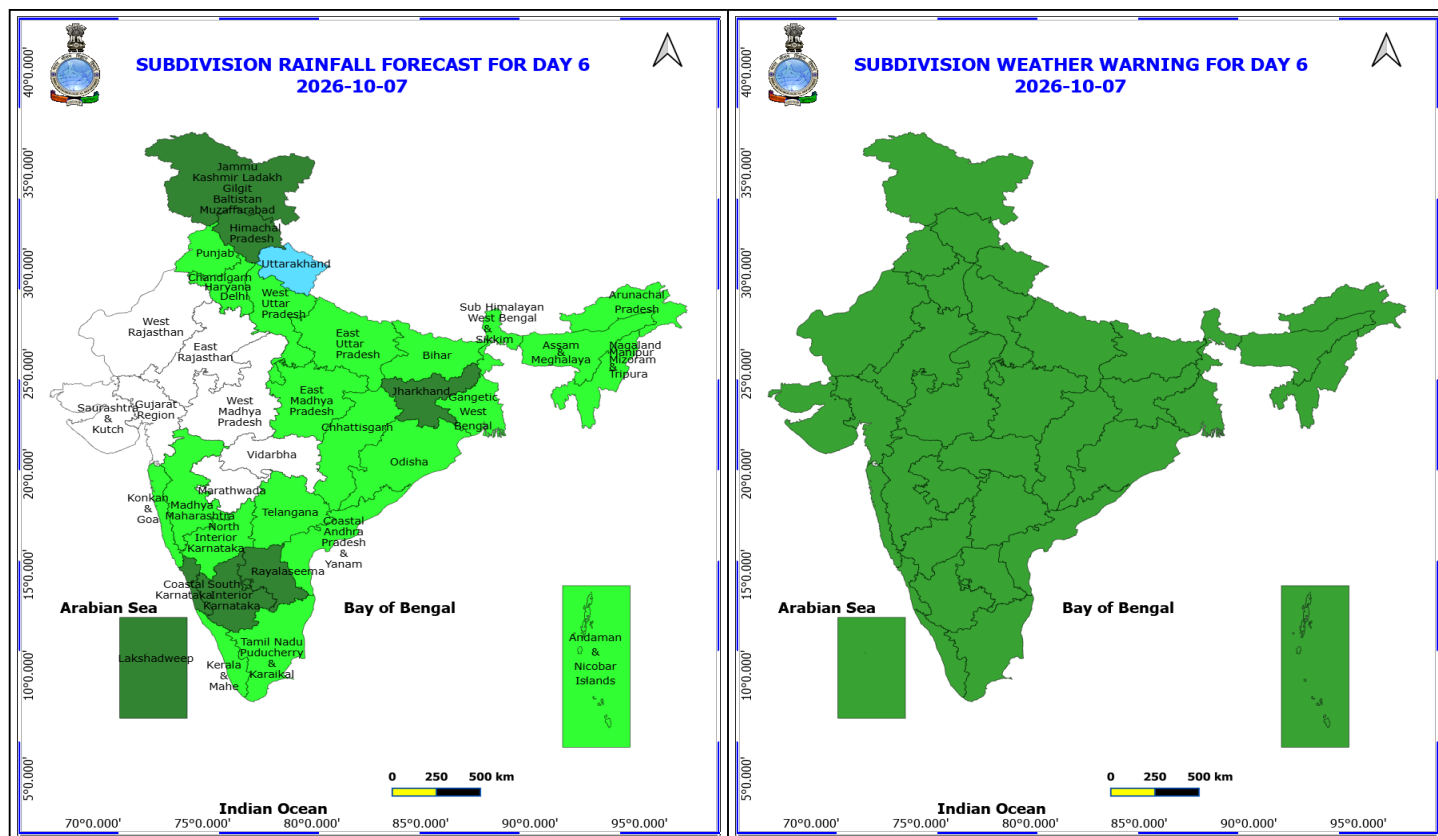
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7 October (Day 6)

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, East Madhya Pradesh, Himachal Pradesh and Telangana.

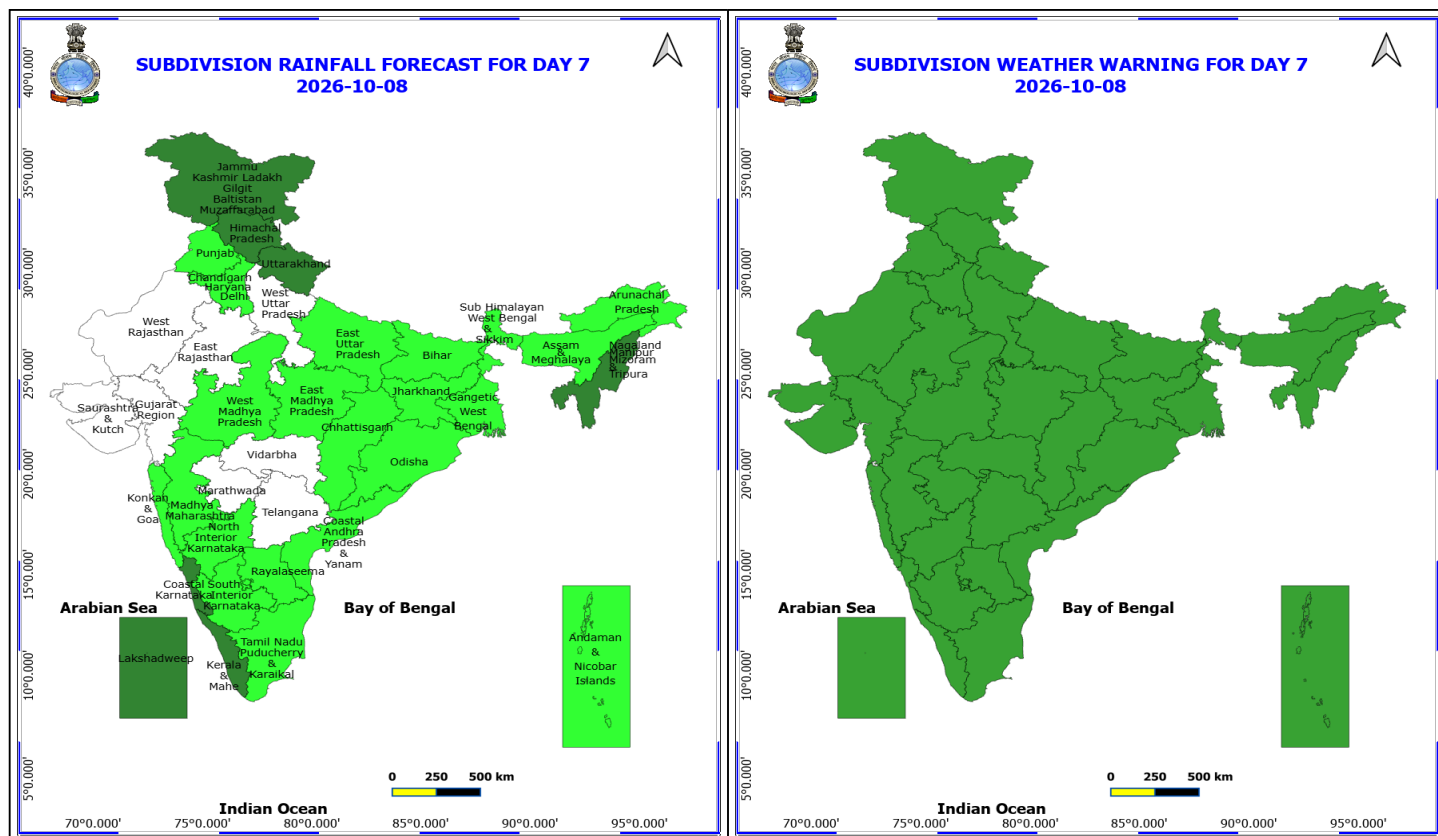
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8 October (Day 7)

❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and East Madhya Pradesh.

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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	2- Oct	3- Oct	4- Oct	5- Oct	6- Oct	7- Oct	8- Oct
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
2	ARUNACHAL PRADESH	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
4	N. M. M. & T.	SCT	SCT	SCT	SCT	ISOL	ISOL	SCT
5	S.H. WEST BENGAL & SIKKIM	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
6	GANGETIC WEST BENGAL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
7	ODISHA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	DRY	DRY	DRY	ISOL	SCT	SCT	ISOL
9	BIHAR	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
12	UTTARAKHAND	DRY	DRY	DRY	ISOL	SCT	FWS	SCT
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	ISOL	ISOL
15	HIMACHAL PRADESH	DRY	DRY	DRY	ISOL	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	ISOL	SCT	SCT
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	DRY	DRY	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	ISOL
20	EAST MADHYA PRADESH	DRY	DRY	DRY	DRY	ISOL	ISOL	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
26	VIDARBHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
27	CHATTISGARH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
29	TELANGANA	DRY	DRY	DRY	DRY	ISOL	ISOL	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	SCT	SCT	SCT	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	SCT	SCT	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	SCT	FWS	FWS	FWS	FWS	SCT	SCT
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	SCT	FWS	FWS	SCT	ISOL
35	KERALA	FWS	FWS	WS	WS	WS	ISOL	SCT
36	LAKSHDWEEP	FWS	FWS	SCT	SCT	SCT	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 2026-10-01

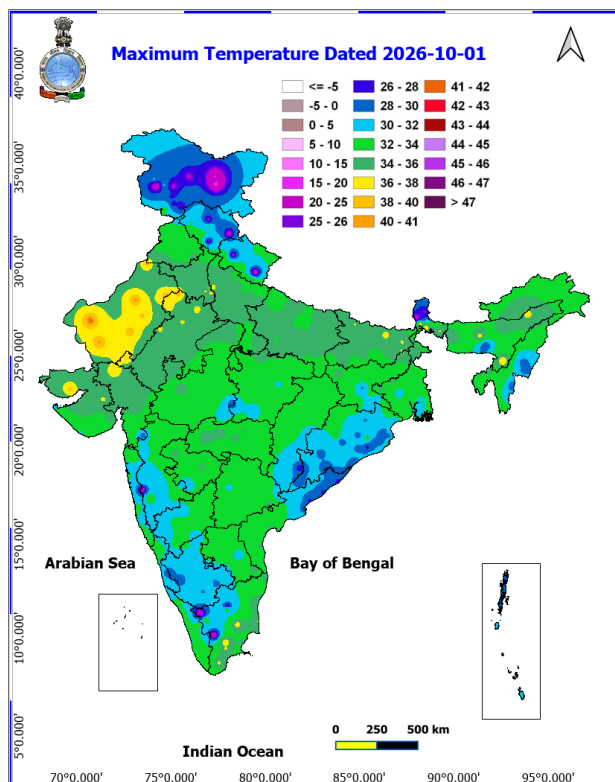


Fig. 2: Departure of Maximum Temp. Dated 2026-10-01

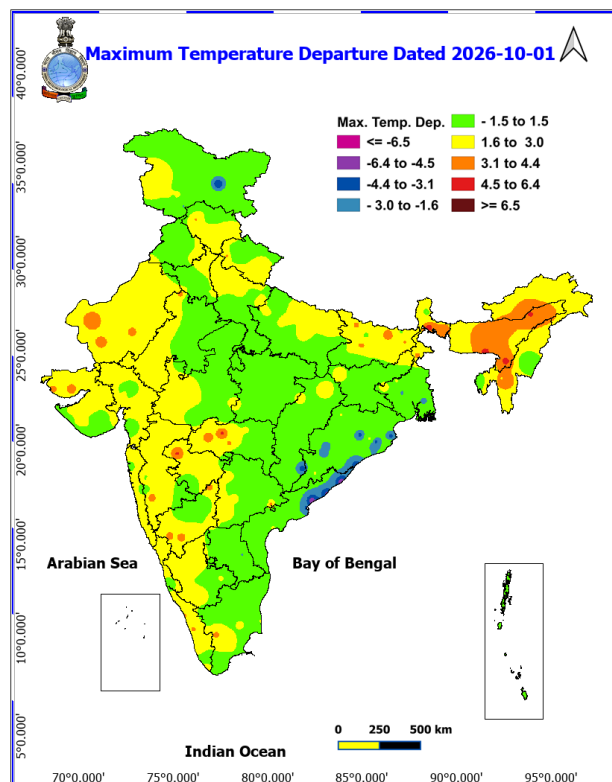


Fig. 3: Minimum Temperatures Dated 2026-10-02

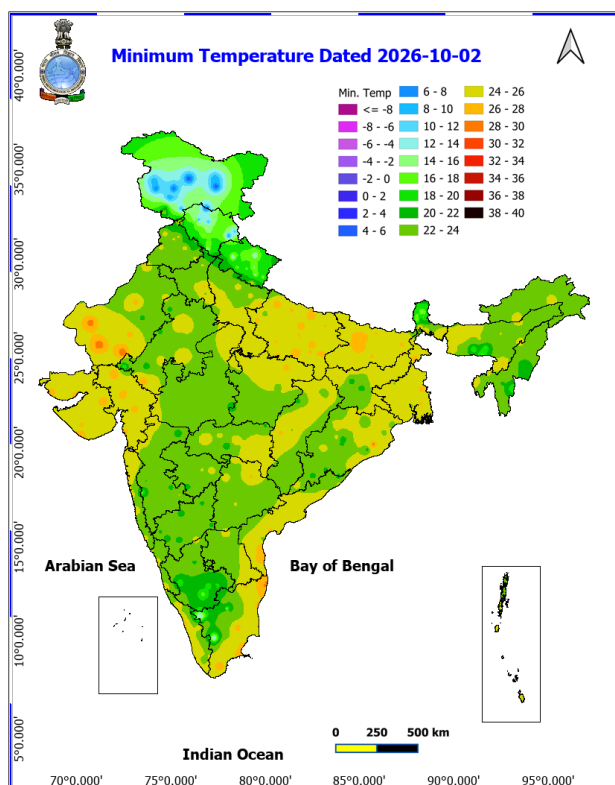
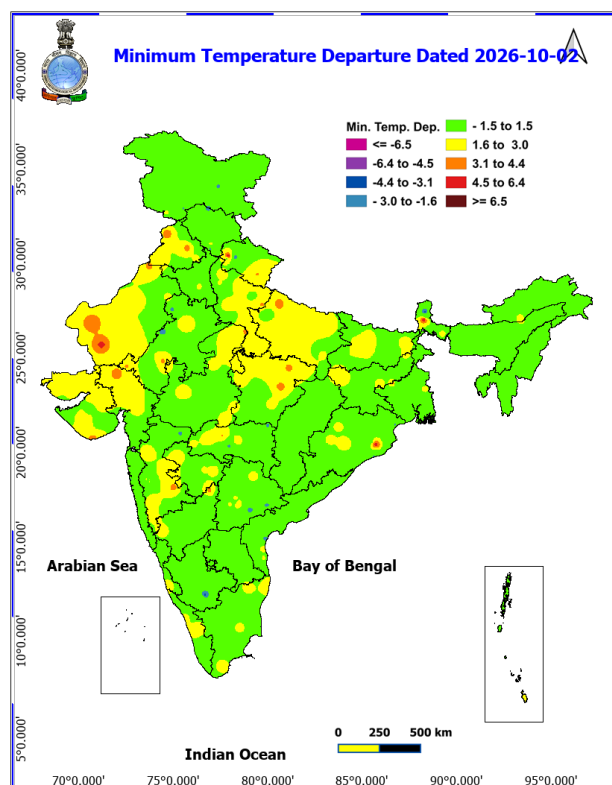
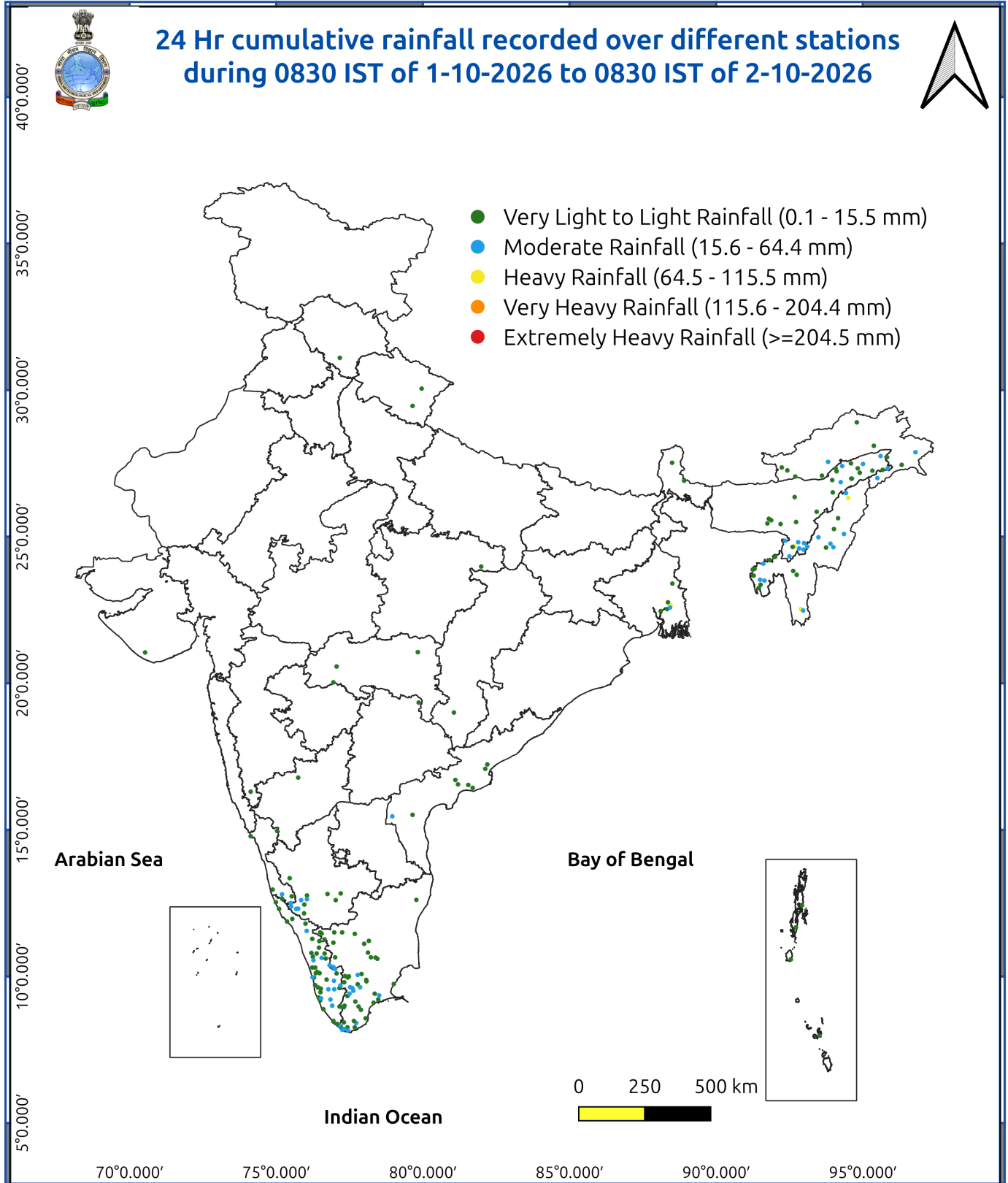


Fig. 4: Departure of Minimum Temp. Dated 2026-10-02





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Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Arunachal Pradesh**, maintain proper drainage in rice, finger millet, soybean and vegetable fields to remove excess water and prevent waterlogging. Harvest mature upland/Jhum rice, finger millet, soybean and vegetables during suitable dry intervals and move the produce to safe, covered storage. Continue harvesting mature tomato and chilli and protect vegetable vines with adequate staking/support.
- In **Assam and Meghalaya**, maintain effective drainage in rice, maize, soybean, pigeon pea and vegetable fields, keeping field channels clear to prevent waterlogging. In Assam, maintain drainage furrows in pigeon pea and protect sugarcane from lodging; harvest mature jute and vegetables wherever conditions permit and postpone fertilizer, pesticide and other field operations during wet conditions.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain adequate drainage in standing crop fields and keep drainage channels clear to prevent waterlogging. Postpone irrigation, intercultural operations, fertilizer and plant-protection applications while the fields remain wet, and undertake harvesting or other field operations only during suitable rain-free intervals.

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

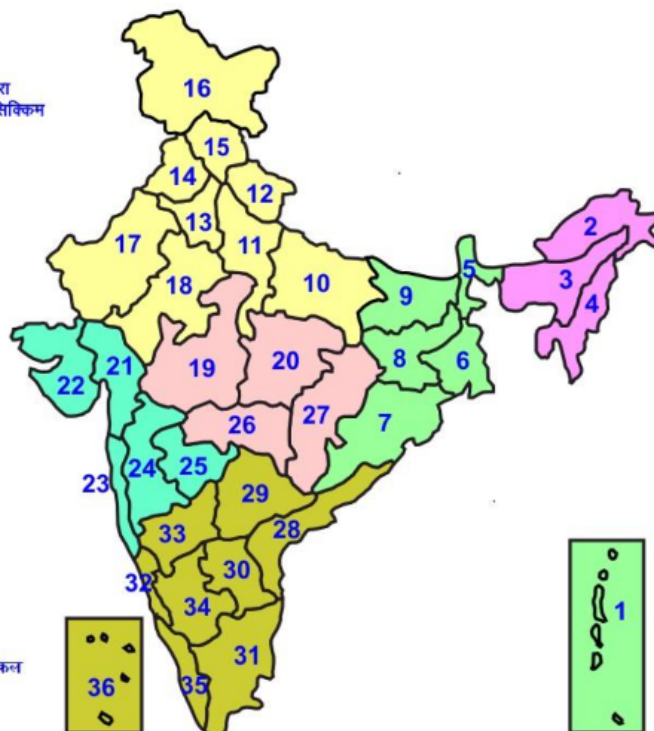
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store the feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

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 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 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"

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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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 atleast 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)

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

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