

2025-11-01

Time of Issue: 13:41:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Warnings:

East & Central India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over Sub-Himalayan West Bengal & Sikkim and Bihar on 01st November and over Andaman & Nicobar Islands on 01st & 02nd November.
- Thunderstorm with lightning & gusty winds (speed reaching 30-40 kmph) likely over Andaman & Nicobar Islands during next 5 days. Thunderstorm and lightning likely over West Bengal & Sikkim, Odisha on 01st November; East Madhya Pradesh on 01st & 02nd November and West Madhya Pradesh during next 4 days.

West India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over Konkan & Goa, Madhya Maharashtra and Gujarat State on 01st November.
- Thunderstorm with lightning & gusty winds (speed reaching 30-40 kmph) likely over Konkan & Goa and Madhya Maharashtra on 01st November; Gujarat State on 01st & 02nd November. Thunderstorm and lightning also likely over Konkan & Goa on 05th and over Madhya Maharashtra on 04th & 05th November.

Northeast India:

- Light to moderate rain/thunderstorm at most/many places with isolated **heavy rainfall** over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 01st November.
- Thunderstorm with lightning also likely over the entire region on 01st November.

Northwest India:

- Thunderstorm with lightning & gusty winds (speed reaching 40-50 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 04th November. Thunderstorm and lightning likely over West Rajasthan on 03rd November and over East Rajasthan on 03rd and 04th November.
- Under the influence of Western disturbance, Light to moderate rainfall/snowfall likely over Northwest India during 04th-06th November.

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Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim, Bihar, Saurashtra & Kutch and Konkan & Goa; **at many places** over Andaman & Nicobar Islands, Assam & Meghalaya, Jharkhand and Coastal Karnataka; **at a few places** over Gangetic West Bengal, East Uttar Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra and Chhattisgarh; **at isolated places** over Nagaland, Manipur, Mizoram & Tripura, Odisha, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Marathwada, Vidarbha, Telangana, Tamil Nadu, Puducherry & Karaikal and North 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):
Sub Himalayan West Bengal & Sikkim: Denguajhar Tea Garden (dist Jalpaiguri) 18; Jalpaiguri (dist Jalpaiguri) 17; Domohani (dist Jalpaiguri), Gairkata Tea Estate (dist Jalpaiguri), Moraghat Tea Estate (dist Jalpaiguri) 16 Each; Gajoldoba (dist Jalpaiguri), Falakata (dist Alipurduar), Karballa Tea Estate (dist Jalpaiguri), Dalgaon Tea Estate (dist Alipurduar) 15 Each; Nh31 Bridge (dist Jalpaiguri), Mogulkata Tea Estate (dist Jalpaiguri), Noweranuddi Tea Garden (dist Jalpaiguri), Jaybirpara Tea Estate (dist Alipurduar) 14 Each; Hasimara (dist Alipurduar), Diana Tea Estate (dist Jalpaiguri), Aryaman Tea Estate (dist Alipurduar), Gopalpur Tea Estate (dist Alipurduar) 13 Each; Malda (dist Malda), Baradighi T.e. (dist Jalpaiguri), Chel (dist Jalpaiguri), Palashbari Tea Estate (dist Jalpaiguri), Dhupguri (dist Jalpaiguri), Subhasini Tea Estate (dist Alipurduar) 12 Each; Amfu Majhian (dist South Dinajpur), Anandpur Tea Estate (dist Jalpaiguri), Banarhat High School (dist Jalpaiguri), Dharala Valley Tea Estate (dist Jalpaiguri), Beech Tea Garden (dist Alipurduar), Toorsa Tea Garden (dist Alipurduar) 11 Each; Bagrakote (dist Jalpaiguri), Mahua Tea Estate ARG (dist Alipurduar), Alipurduar PTO (dist Alipurduar), Bhatkawa Tea Estate (dist Jalpaiguri), Gandrapara Tea Garden (dist Jalpaiguri), Good Hope Tea Estate (dist Jalpaiguri), Kailashpur Tea Estate (dist Jalpaiguri), Maynaguri College (dist Jalpaiguri), Oodlabari Tea Estate (dist Jalpaiguri), Saraswatipur Tea Estate (dist Jalpaiguri), Nagarkata (dist Jalpaiguri), Dima Tea Estate (dist Alipurduar) 10 Each; Bagdogra IAF (dist Darjeeling), Mekhliganj (dist Cooch Behar), Baintgoorie T.e. (dist Jalpaiguri), Bhagatpur Tea Estate (dist Jalpaiguri), Ghatia T.e. (dist Jalpaiguri), Gurjonghora Tea Estate (dist Jalpaiguri), Kurti T.e. (dist Jalpaiguri), Siliguri PTO (dist Darjeeling), Bhutanghat (dist Alipurduar), Majherdabri Tea Garden (dist Alipurduar), Patkapara Tea Estate (dist Alipurduar), Raidak Tea Estate (dist Alipurduar), Sankos Tea Estate (dist Alipurduar), Kumargram (dist Alipurduar) 9 Each; Sevoke (dist Darjeeling), Namthang (dist Namchi), Buxaduar (dist Alipurduar), Neora (dist Jalpaiguri), Murti (dist Jalpaiguri), Amfu Pundibari (dist Cooch Behar), Chalouni Tea Estate (dist Jalpaiguri), Ghish (dist Jalpaiguri), Indong T.e. (dist Jalpaiguri), Kumlai T.e. (dist Jalpaiguri), Soongachi T.e. (dist Jalpaiguri), Tra Nagrakata (dist Jalpaiguri), Washabari Tea Estate (dist Jalpaiguri), Zurrantee T.e. (dist Jalpaiguri), Kumargram Tea Estate (dist Alipurduar), Newlands Tea Garden (dist Alipurduar) 8 Each; Mathabhanga (dist Cooch Behar), Chengmari/Diana (dist Jalpaiguri), Hilla T.e. (dist Jalpaiguri), Jiti T.e. (dist Jalpaiguri), Leesh River Tea Garden (dist Jalpaiguri), Lava (dist Kalimpong) 7 Each;
Bihar: Baltara (dist Khagaria) 17; Sangrampur (dist Monghyr) 15; Taibpur (dist Kishanganj) 13; Rupouli (dist Purnea) 12; Bhawanipur (dist Purnea) 10; Banka (dist Banka), Gogri (dist Khagaria), Amarapur (dist Banka), Balrampur (dist Katihar), Laxmipur (dist Jamui), Rajoun (dist Banka) 9 Each; Thakurganj (dist Kishanganj), Manihari (dist Katihar), Bahadurganj (dist Kishanganj), Birpur (dist Supaul), Sonhaura (dist Bhagalpur), Saraigarh Bhaptiyahi (dist Supaul) 8 Each; Kursela (dist Katihar), Buxar (dist Buxar), Tarapur (dist Monghyr), Sultanganj (dist Bhagalpur), Islamnagar Aliganj (dist Jamui), Korha (dist Katihar), Baisa (dist Purnea), Bhagalpur (dist Bhagalpur) 7 Each; **Konkan & Goa:** Rameshwar ARG (dist Sindhudurg), Lanja (dist Ratnagiri) 12 Each; Sawantwadi (dist Sindhudurg), Dodamarg (dist Sindhudurg) 8 Each; **Saurashtra & Kutch:** Rajula (dist Amreli), Khambha (dist Amreli) 8 Each; **Jharkhand:** Mehgawan (dist Godda) 8; Boarijore (dist Godda) 7; **Arunachal Pradesh:** Hawaii (dist Anjaw) 7; **Assam & Meghalaya:** Dhemaji (dist Dhemaji) 7.

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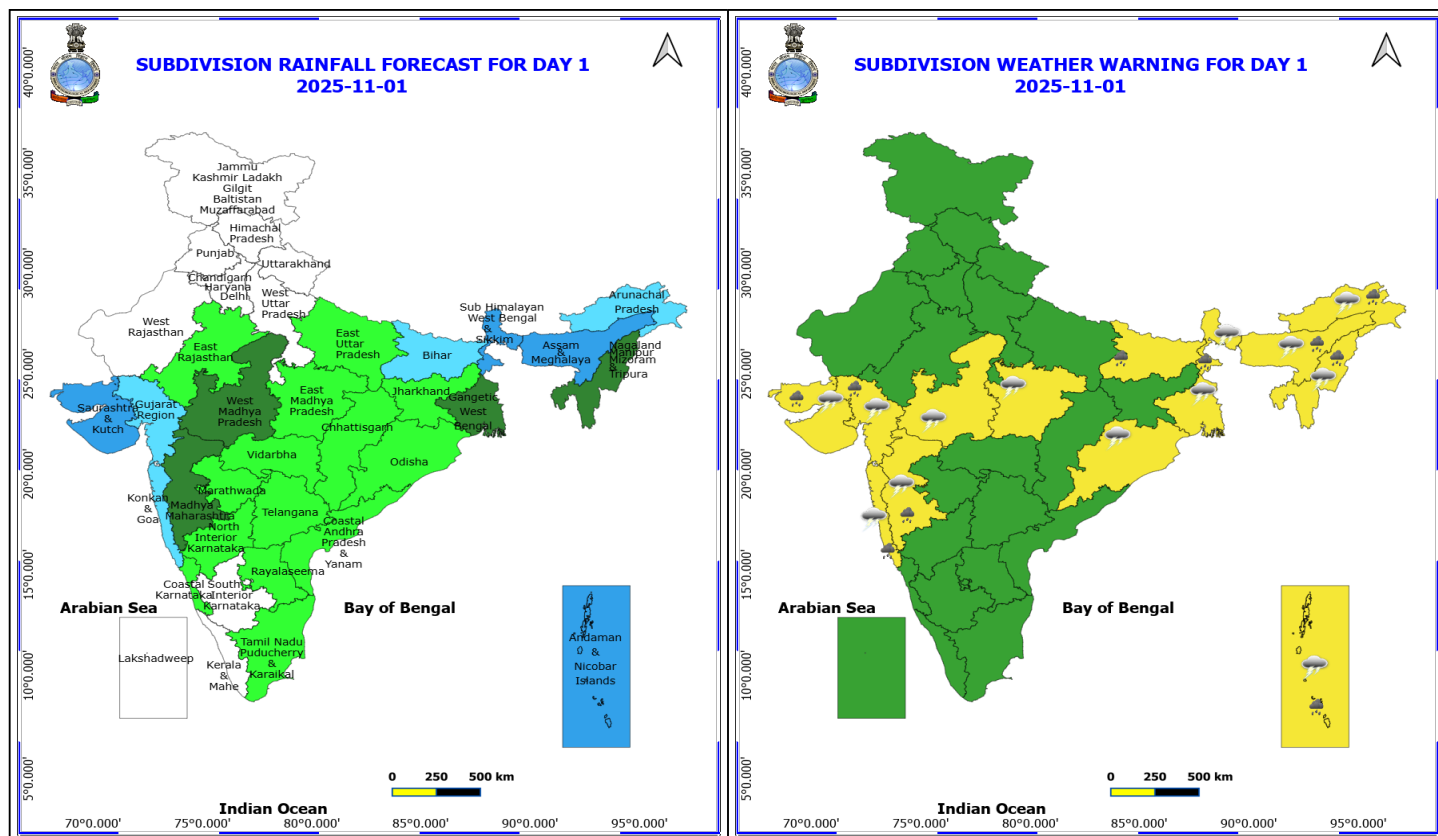
- ❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy to very heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar and Konkan & Goa. **Heavy rain** at isolated places over Arunachal Pradesh, Assam & Meghalaya, Jharkhand and Saurashtra & Kutch.
- ❖ **Fog Condition Observed (at 0830 hours of today): Dense fog conditions:** at isolated places over Sub-himalayan West Bengal & Sikkim, Uttarakhand, Konkan & Goa and Madhya Maharashtra **Moderate fog conditions:** at isolated places over Punjab **Shallow fog conditions:** at isolated places over Assam & Meghalaya, Uttarakhand, Haryana Chandigarh & Delhi, Punjab and Himachal Pradesh
- ❖ **Visibility reported (at 0830 hours of today):** West uttar pradesh: Bulandshahr (dist Bulandshahr) ; Odisha: Sundargarh (dist Sundargarh), Bolangir, Titlagarh (dist Balangir), Koraput (dist Koraput), Chhatrapur (dist Ganjam), Rayagada-obs (dist Rayagada), Boudh (dist Boudh), Malkangiri-obs (dist Malkangiri), Paralakhemundi-obs (dist Gajapati) Each;
- ❖ **Minimum Temperature Departures (as on 01-11-2025):** The lowest minimum temperature of 13.9°C is reported at MANDI (HIMACHAL PRADESH) over the Plains of India.
- ❖ **Maximum Temperature Departures (as on 31-10-2025):** below normal(-1.6°C to -3.0°C) at isolated places over West Madhya Pradesh, East Madhya Pradesh and Saurashtra & Kutch. **appreciably below normal(-5.0°C to -3.1°C)** at most places over Konkan & Goa; at isolated places over Bihar, East Uttar Pradesh and Gujarat Region. **markedly below normal(< -5.0°C)** at most places over Arunachal Pradesh. **The highest maximum temperature** of 37.0°C is reported at MADURAI (A) (TAMIL NADU).

Meteorological Analysis (Based on 0830 hours IST)

- The **Low Pressure Area** over northern parts of Gangetic West Bengal & neighbourhood with the associated cyclonic circulation extending upto 3.1 km above mean sea level persisted over the same region at 0830 hrs IST of today, the 01st November, 2025. It is likely to move north-northeastwards and become less marked during next 12 hours.
- The **well marked low pressure area** over Eastcentral & Adjoining Northeast Arabian Sea with the associated cyclonic circulation extending upto 5.8 km above mean sea level persisted over the same region at 0830 hrs IST of today, the 01st November 2025. It is likely to continue to move east-northeastwards towards South Gujarat and adjoining North Maharashtra coasts across northeast Arabian Sea and weaken into a Low-Pressure Area during next 24 hours.
- The **upper air cyclonic circulation** over South Myanmar coast & adjoining north Andaman sea extending upto 5.8 km above mean sea level persists. Under its influence, a low pressure area is likely to form over eastcentral Bay of Bengal during next 24 hours.
- A fresh **Western Disturbance** is likely to influence western Himalayan region from the night of 03rd November 2025.

Weather Outlook for subsequent 3 days

- Isolated to scattered rainfall activity likely over Eastern and Southern India.



1 November (Day 1)

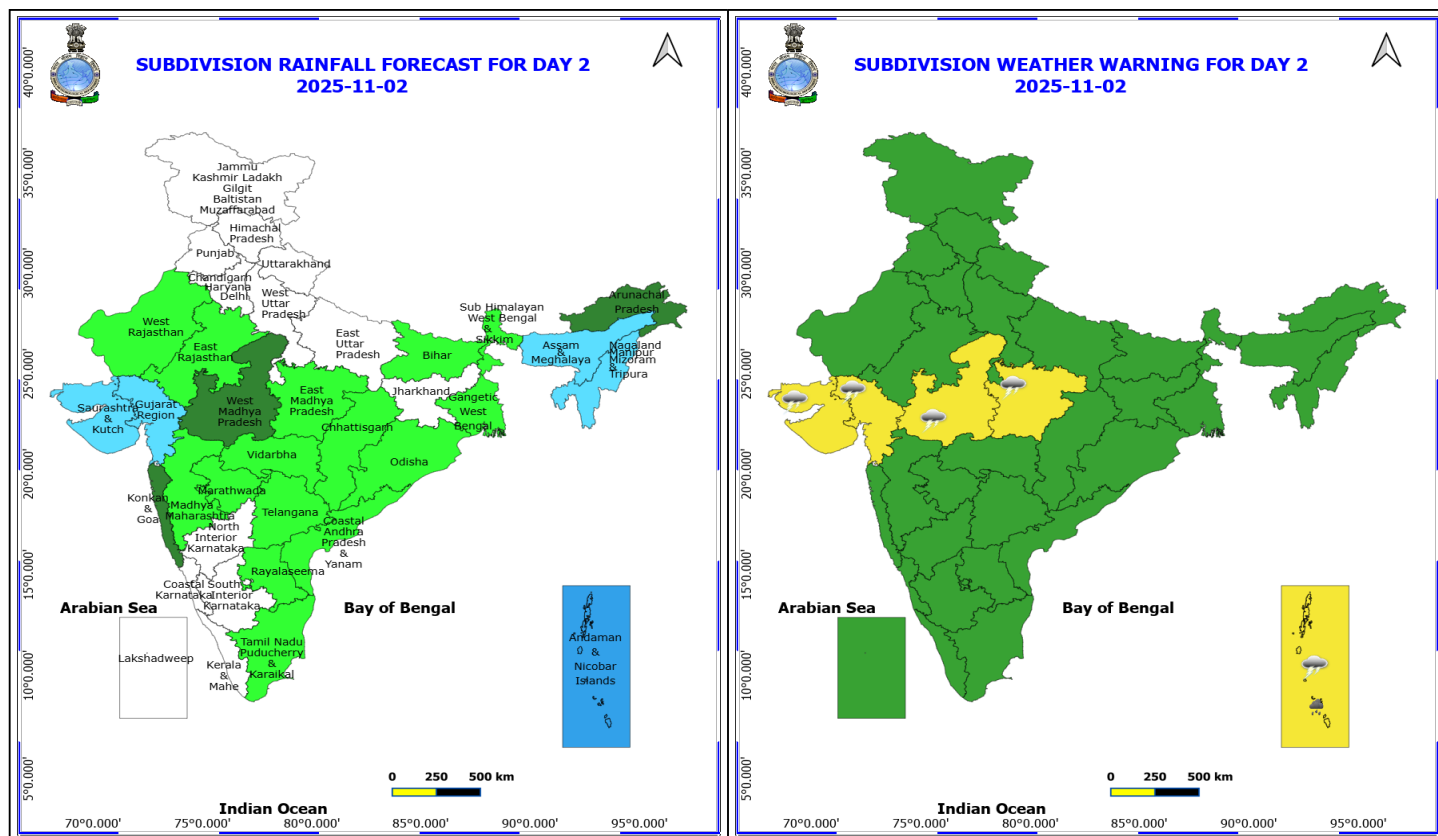
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Assam & Meghalaya, Bihar, Gujarat State, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Gujarat State, Konkan & Goa and Madhya Maharashtra.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha and West Bengal & Sikkim.
- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Gujarat, north Konkan coasts and adjoining sea areas, over many parts of eastcentral, northeast Arabian Sea, over Andaman Sea, adjoining eastcentral Bay of Bengal.

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2 November (Day 2)

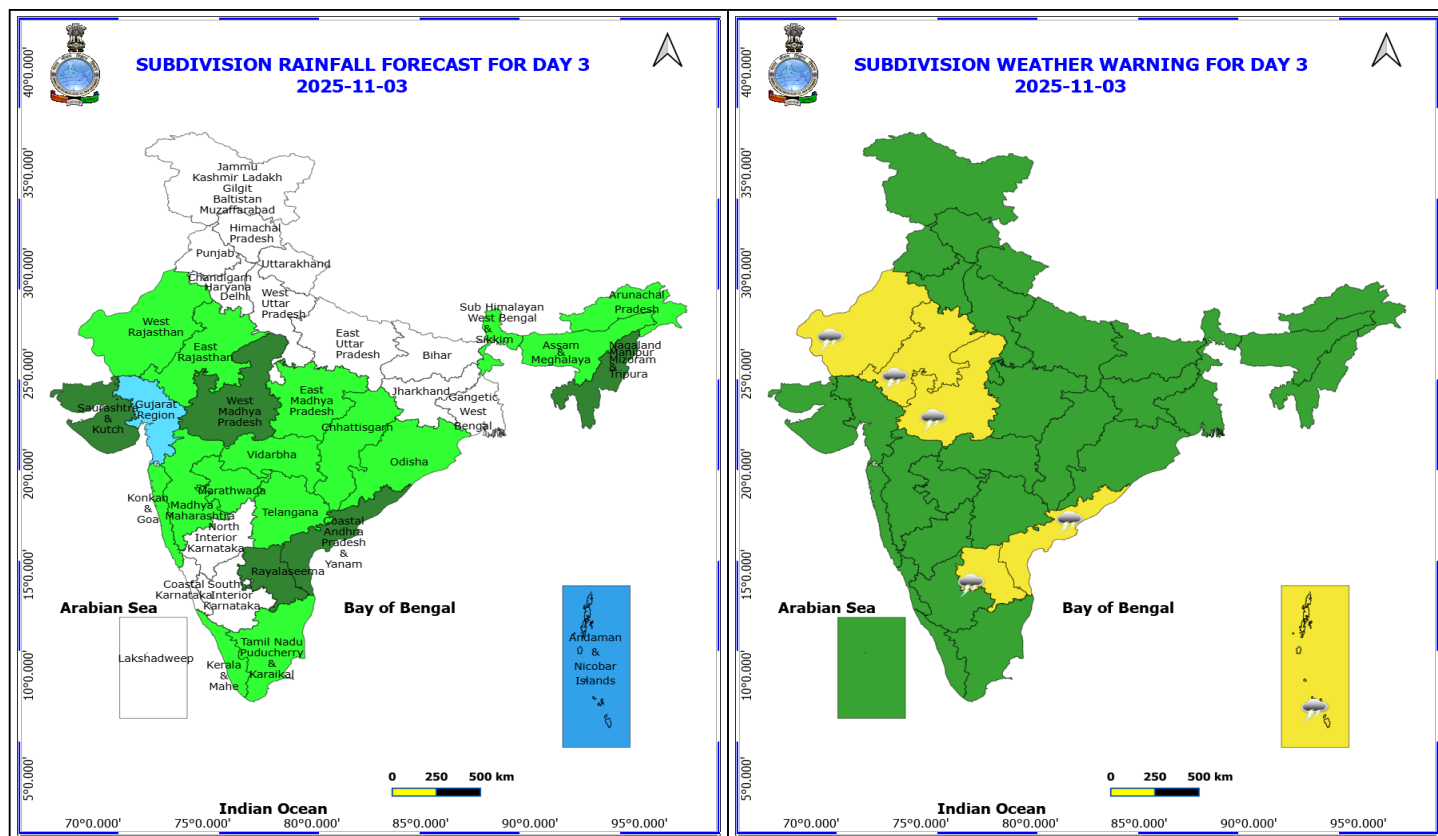
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands and Gujarat State.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Madhya Pradesh.
- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail along and off Gujarat coast, over Andaman Sea, eastern parts of eastcentral Bay of Bengal.

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3 November (Day 3)

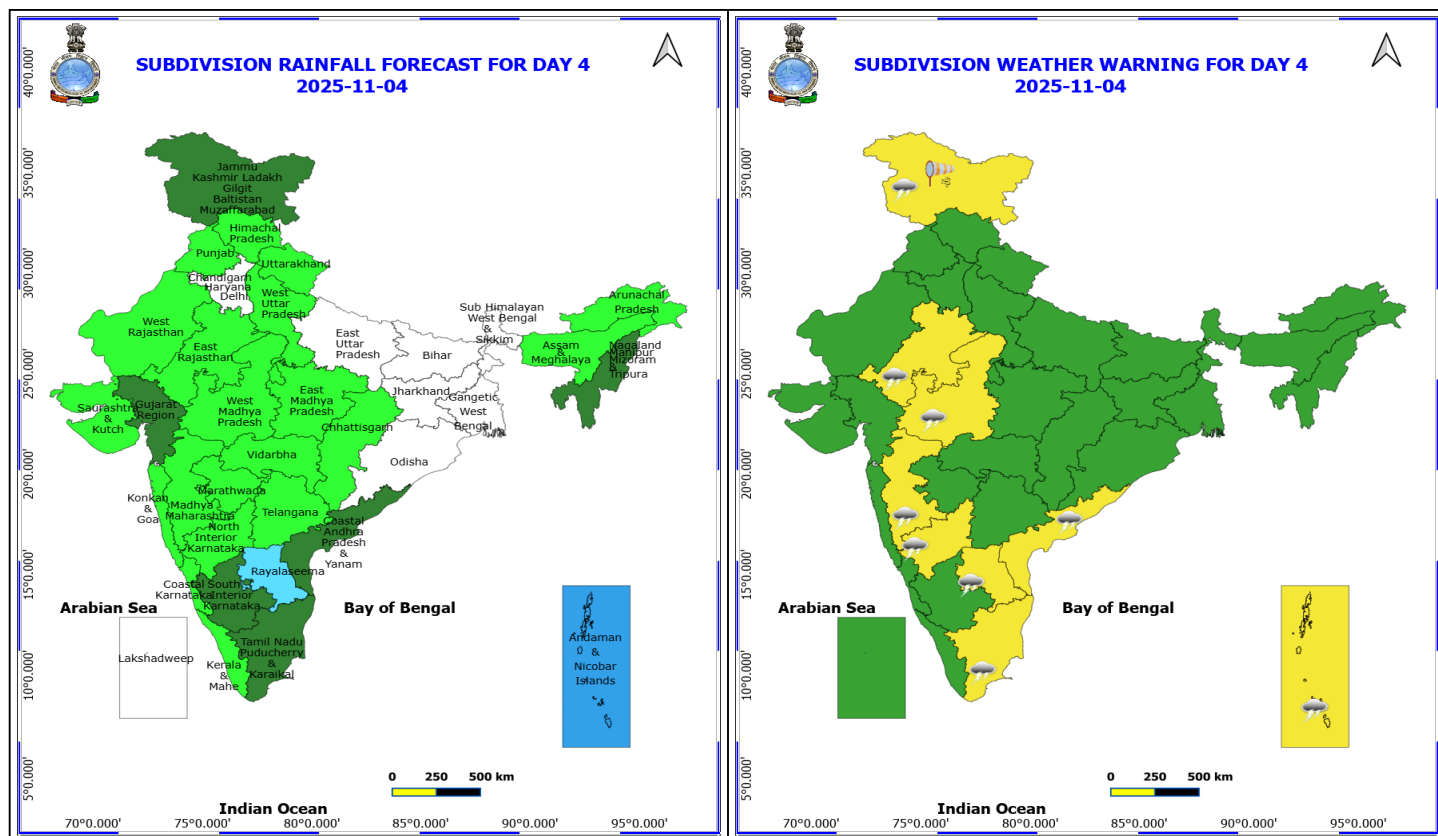
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Rajasthan and West Madhya Pradesh.
- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over Andaman Sea, many parts of eastcentral Bay of Bengal & adjoining northeast Bay of Bengal.

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4 November (Day 4)

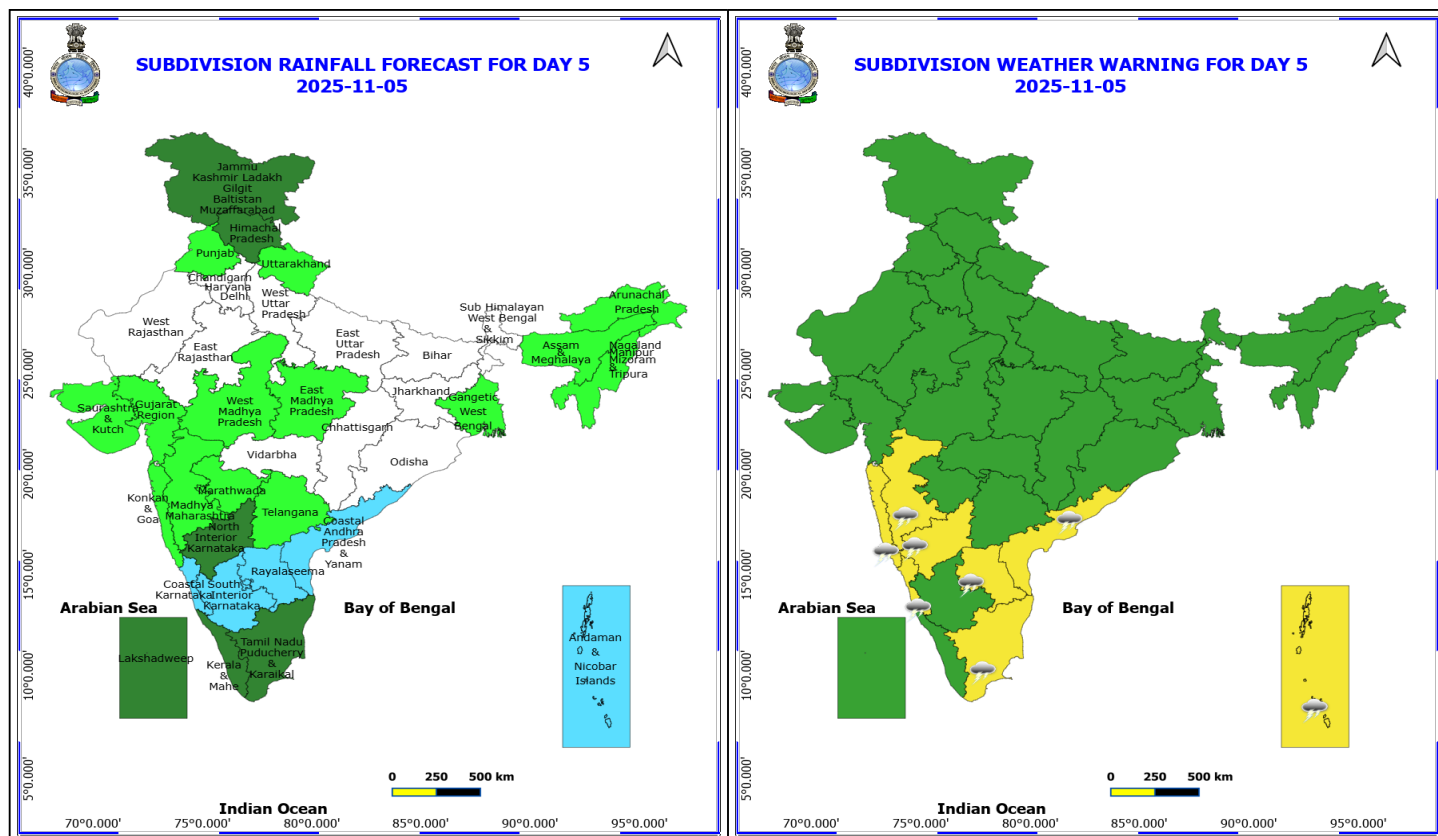
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, East Rajasthan, Madhya Maharashtra, North Interior Karnataka, Tamil Nadu Puducherry & Karaikal and West Madhya Pradesh.
- ❖ **Strong Surface Winds** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
 - Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over north Andaman Sea, some parts of eastcentral Bay of Bengal, along & off Bangladesh, Myanmar coasts and adjoining sea areas.

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5 November (Day 5)

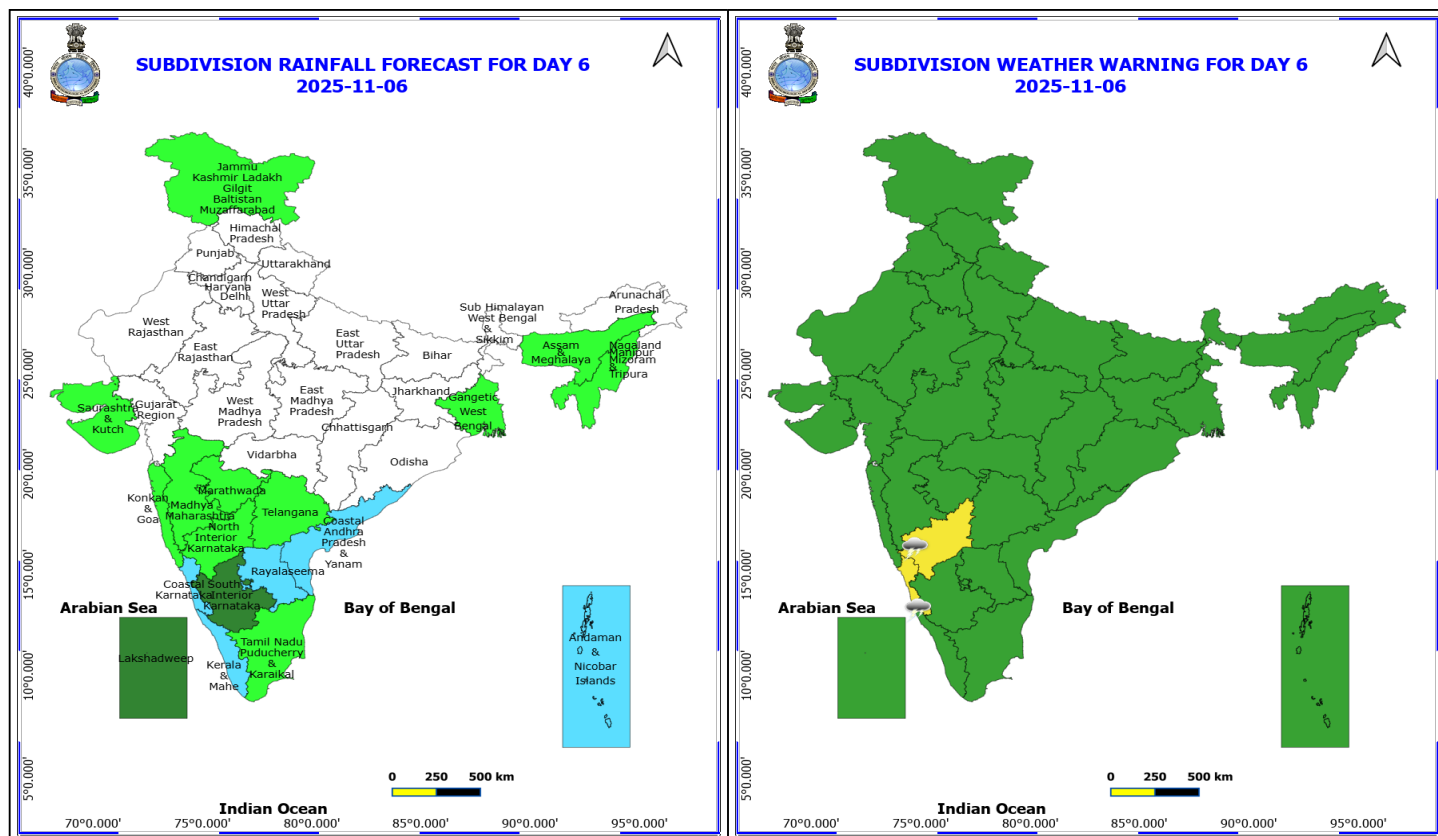
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Coastal Karnataka, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph likely to prevail over north Andaman Sea, some parts of eastcentral Bay of Bengal, along & off Bangladesh, Myanmar coasts and adjoining sea areas.

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6 November (Day 6)

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka and North Interior Karnataka.

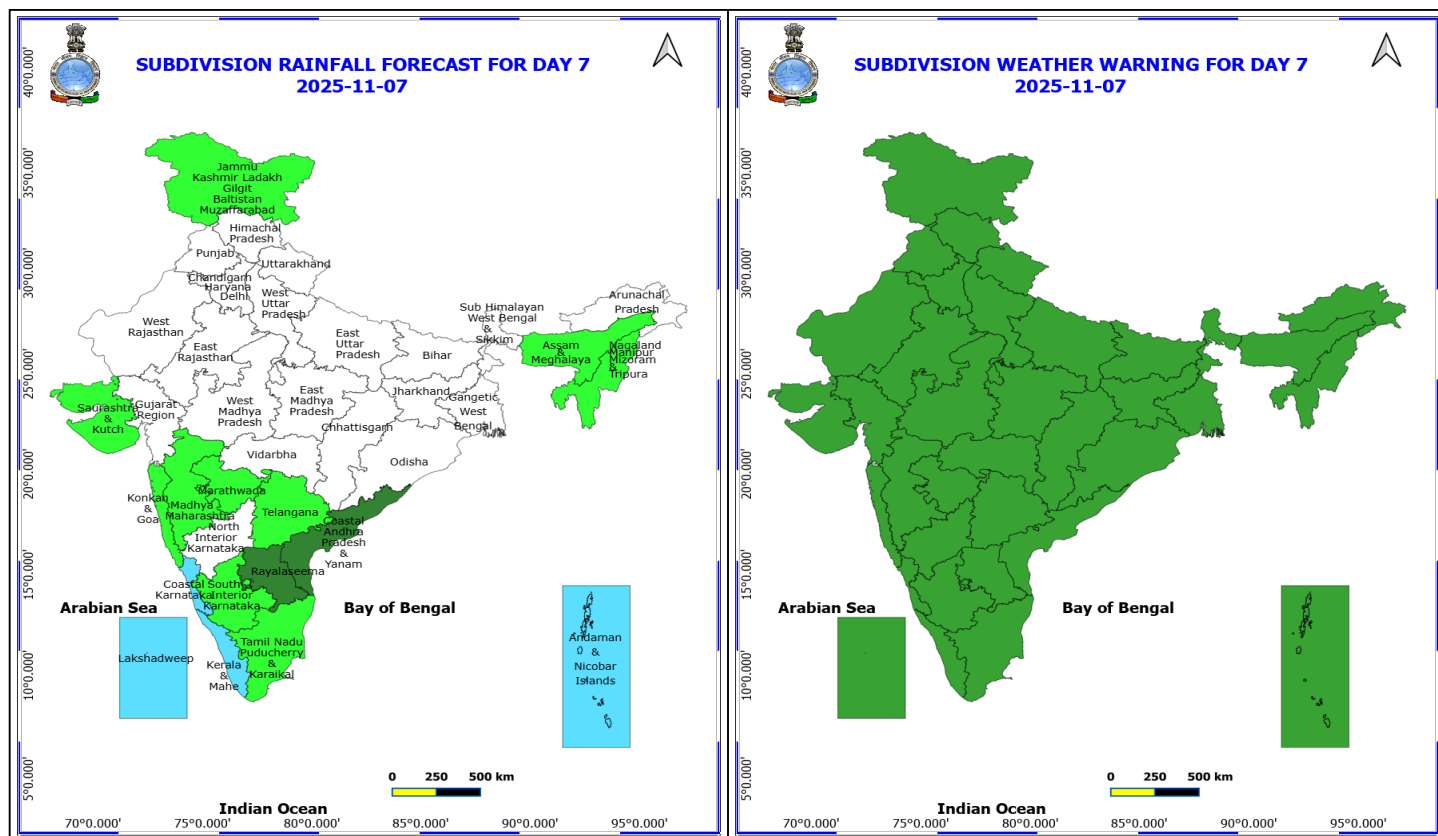
No Fishermen Warning

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7 November (Day 7)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh, Coastal Karnataka, Konkan & Goa, Madhya Maharashtra, North Interior Karnataka and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

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

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 2025-10-31

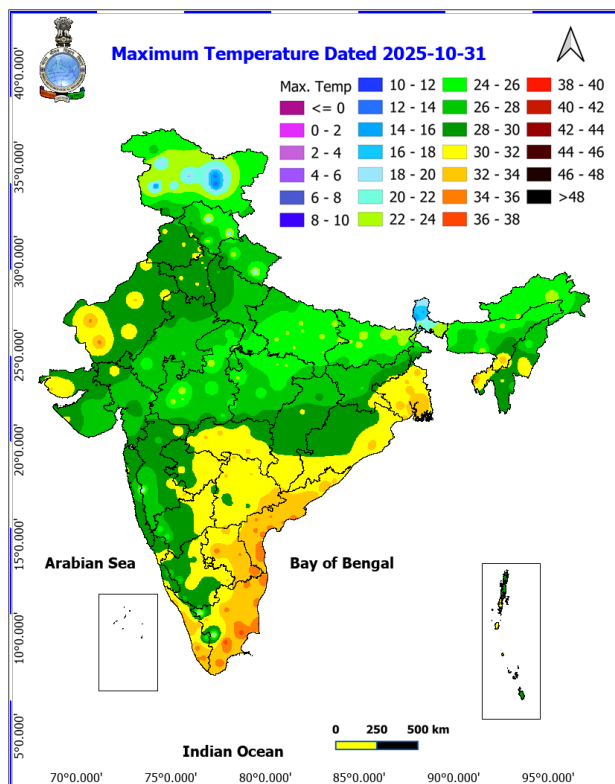


Fig. 2: Departure of Maximum Temp. Dated 2025-10-31

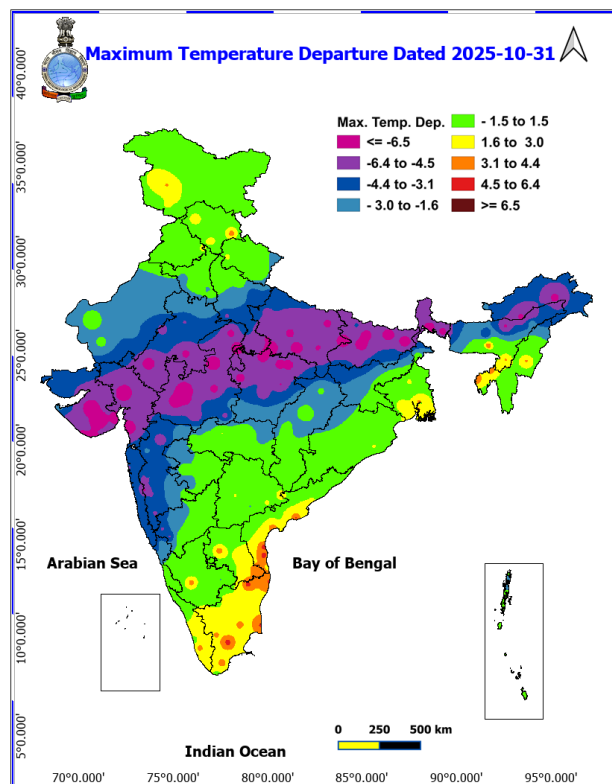


Fig. 3: Minimum Temperatures Dated 2025-11-01

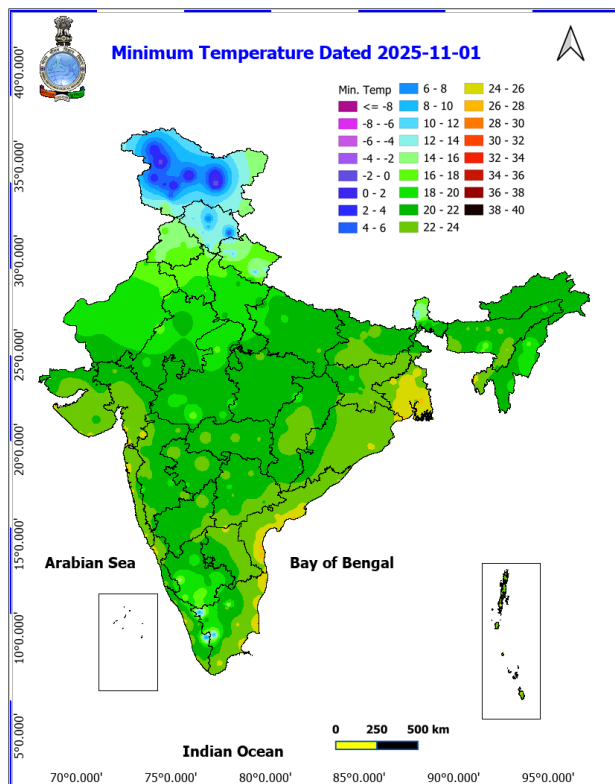
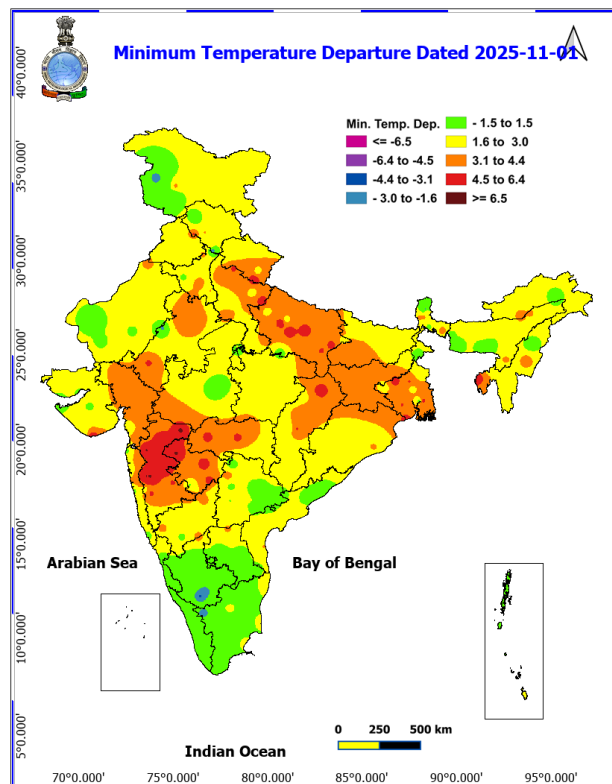
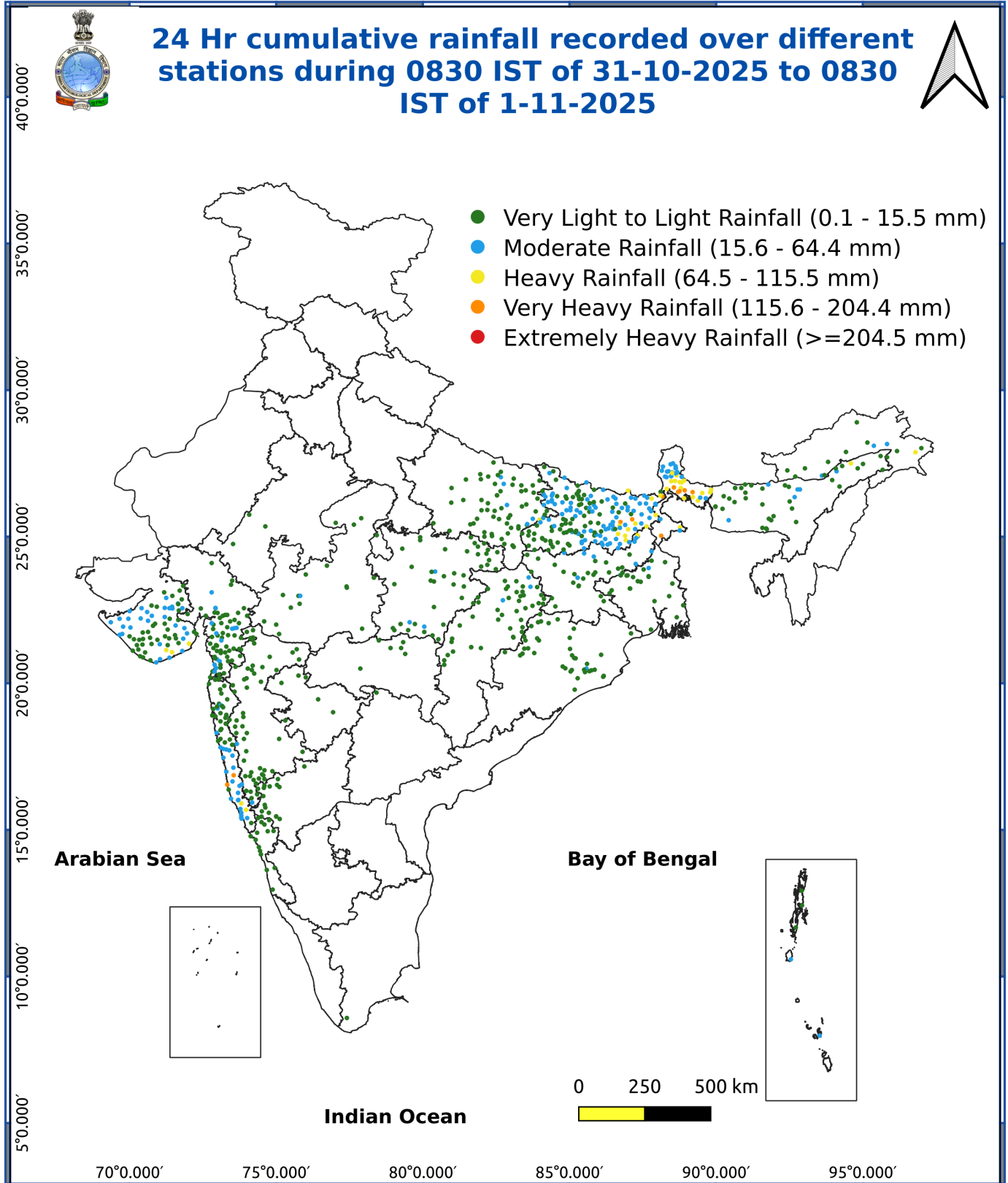


Fig. 4: Departure of Minimum Temp. Dated 2025-11-01





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Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

- In **Sub Himalayan West Bengal**, drainout excess water from rice, ginger, vegetables and fruit orchards.
- In **Andaman and Nicobar Islands**, drain out excess water from the fields of rice, vegetable and plantation crops.
- In **Bihar**, keep the harvested produce of rice and maize crops at safer places and drain out excess water from crop fields.
- In **Gujarat**, keep the harvested produce of rice, groundnut, soybean, black gram, green gram, sesame, maize, pearl millet and vegetables (tomato, brinjal, chilli, okra, cucurbits etc.) in safe places. Ensure proper drainage to drain out excess water from standing crop fields.
- In **Konkan**, keep the harvested produce of rice and finger millet in safer places. Make arrangements to drain out excess water from rice, finger millet, groundnut and turmeric fields. In **Madhya Maharashtra**, store the harvested produce of rice, soybean, maize, groundnut and pearl millet in safe places.
- In **Arunachal Pradesh**, drain out excess water from the fields of rice, field pea and banana orchards.

Livestock / Fishery

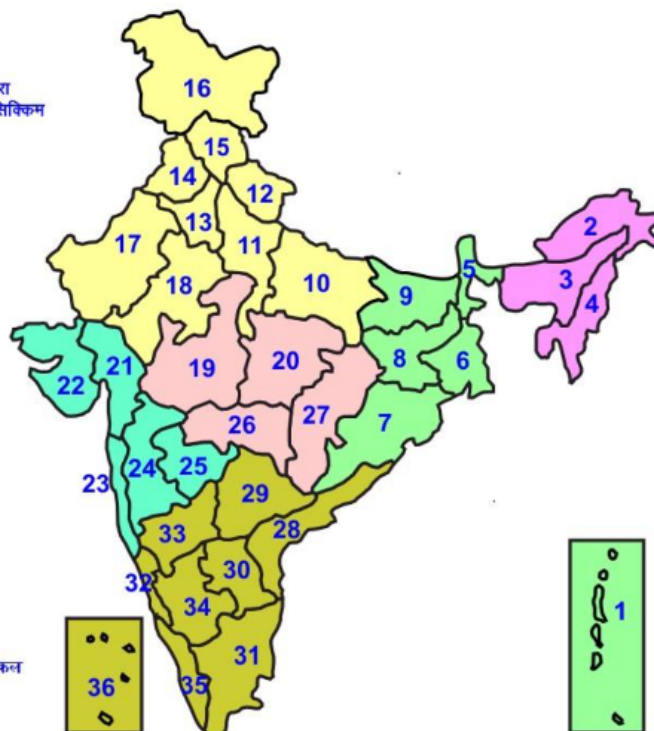
- Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.

Agromet advisories for likely impact of Thunderstorm / Gusty 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.

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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