

2025-11-27

Time of Issue: 09:10:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings:

- Under the influence of well marked Low pressure area over southwest Bay of Bengal and adjoining areas of South Sri Lanka & Equatorial Indian Ocean, heavy to very heavy rainfall likely over Tamil Nadu during 27th November- 01st December with isolated extremely heavy falls on 29th & 30th November; isolated heavy to very heavy rainfall also likely over Coastal Andhra Pradesh & Yanam and Rayalaseema on 29th & 30th November, 2025.
- Under the influence of Cyclonic storm 'Senyar', isolated heavy to very heavy rainfall likely over Andaman & Nicobar Islands on 27th and isolated heavy rainfall on 28th & 29th November, 2025.
- Thunderstorm with lightning very likely over Tamil Nadu during 27th-30th, Kerala & Mahe on 27th, Coastal Andhra Pradesh & Yanam & Rayalaseema on 29th & 30th November and over Andaman & Nicobar Islands with gusty wind speeds reaching 40-50 kmph on 29th and 50-60 kmph on 27th & 28th November.

Forecast of minimum temperatures:

- No large change in minimum temperature likely over Northwest India for the next 24 hours then rise by 2^oC for subsequent 3 days and thereafter fall by 2-3^o C.
- No large change in minimum temperature likely over West India for the next 2 days and gradual fall in minimum temperature likely by 2-3^o C thereafter.
- No large change in minimum temperature likely over East India for the next 24 hours and gradual rise in minimum temperature likely by 2-3^o C subsequent 3 days and no large change in minimum temperature thereafter.
- No large change in minimum temperature likely over Madhya Pradesh & Vidarbha for the next 24 hours and gradual fall in minimum temperature likely by 2-3^o C thereafter. Gradual fall in minimum temperature likely by 2-3^o C for the next 2 days and no large change in minimum temperature likely over Chhattisgarh.
- No significant change in the minimum temperature likely in north east India during next 5 days.

Wind Warning, Sea Condition, Fisherman Warning

Wind Warning:

(a) South Andaman Sea, Strait of Malacca and along & off Nicobar Islands & adjoining Malaysia, western Indonesia & Thailand:

Squally weather with wind speed reaching 50-60 gusting to 70 kmph is very likely to prevail on 27th & 28th November. The winds speed would gradually decrease thereafter.

(b) Adjoining areas of North Andaman Sea

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely to prevail on 27th & 28th November.

(c) Southeast Bay of Bengal:

Squally weather with wind speed reaching 45-55 gusting to 65 kmph is very likely on 27th & 28th November.

(d) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts

Squally weather with wind speed reaching 45-55 kmph gusting to 55 kmph likely to prevail from 27th morning and 55-65 gusting to 75 kmph during 28th to 30th November.

(e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

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Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph likely to prevail on 27th November.

(f) Westcentral Bay of Bengal and along & off Andhra Pradesh coast:

Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph likely to commence from 27th November. It is very likely to increase thereafter, becoming squally winds speed reaching 40-50 kmph gusting to 60 kmph during 28th – 30th November.

Sea Condition:

(a) South Andaman Sea, Strait of Malacca and along & off Nicobar Islands & adjoining Malaysia, western Indonesia & Thailand:

Rough to very rough sea conditions are very likely on 27th November. Sea condition would gradually improve thereafter.

(b) Adjoining areas of North Andaman Sea

Moderate to rough sea conditions are very likely on 27th & 28th November.

(c) Southeast Bay of Bengal:

Moderate to rough sea conditions are very likely on 27th & 28th November.

(d) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts

Moderate to rough sea conditions are very likely from 27th to 30th November.

(e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast:

Moderate to rough sea conditions are very likely on 27th November.

(f) Westcentral Bay of Bengal and along & off Andhra Pradesh coast:

Moderate to rough sea conditions are very likely from 27th November, becoming rough to very rough during 28th to 30th November.

Fishermen Warning:

Fishermen are advised not to venture into

(a) South Andaman Sea, Strait of Malacca and along & off Nicobar Islands & adjoining Malaysia, western Indonesia & Thailand till 28th November.

(b) Southeast Bay of Bengal on 27th & 28th November.

(c) Southwest Bay of Bengal, Gulf of Mannar, Comorin area and along & off Tamil Nadu, Puducherry & Sri Lanka coasts till 30th November

(d) Adjoining areas of westcentral Bay of Bengal and along & off Andhra Pradesh coast from 27th to 30th November

(e) Adjoining areas of Southeast Arabian Sea, Lakshadweep, Maldives and along & off Kerala coast on 27th November.

Those out at sea should avoid South Andaman Sea, Strait of Malacca and along & off Nicobar Islands & adjoining Malaysia, western Indonesia & Thailand till 28th, Southeast Bay of Bengal on 27th & 28th, southwest Bay of Bengal till 30th and westcentral Bay of Bengal during 27th to 30th November.

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Main Weather Observations:

Rainfall distribution (from 0830 hours IST to 1730 hours IST of yesterday): **at many places** over Tamilnadu Puducherry & Karaikal; **Dry** over rest of the country.

❖ **Fog Condition Observed (at 0530 hours of today): Moderate fog conditions:** at a few places over Punjab and South Interior Karnataka, at isolated places over Bihar **Shallow fog conditions:** at a few places over West Uttar Pradesh, at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Odisha, East Uttar Pradesh, Haryana Chandigarh & Delhi and West Madhya Pradesh.

❖ **Visibility reported (at 0530 hours of today):** Punjab: Amritsar (rajasansi) AP (dist Amritsar) 200.0; South Interior Karnataka: Bangaluru HAL (dist) 200.0; Bihar: Purnea (dist Purnia) 200.0; Assam & Meghalaya: Dhubri (dist Dhubri) 500.0; Odisha: Gopalpur (dist Ganjam) 500.0; West Madhya Pradesh: Gwalior (dist Gwalior) 500.0; Nagaland, Manipur, Mizoram & Tripura: Kailashahar AP (dist Unakoti) 500.0; Haryana Chandigarh & Delhi: New Delhi (Safdarjung) (dist South West Delhi) 500.0; West Uttar Pradesh: Bareilly (dist Bareilly) 500.0; East Uttar Pradesh: Varanasi (Babatpur) AP (dist Varanasi) 500.0;.

❖ **Minimum Temperature Departures (as on 26-11-2025): below normal (-1.6°C to -3.0°C)** at many places over Jharkhand. **The lowest minimum temperature** of 4.0°C was reported at Sikar (East Rajasthan) over the Plains of India.

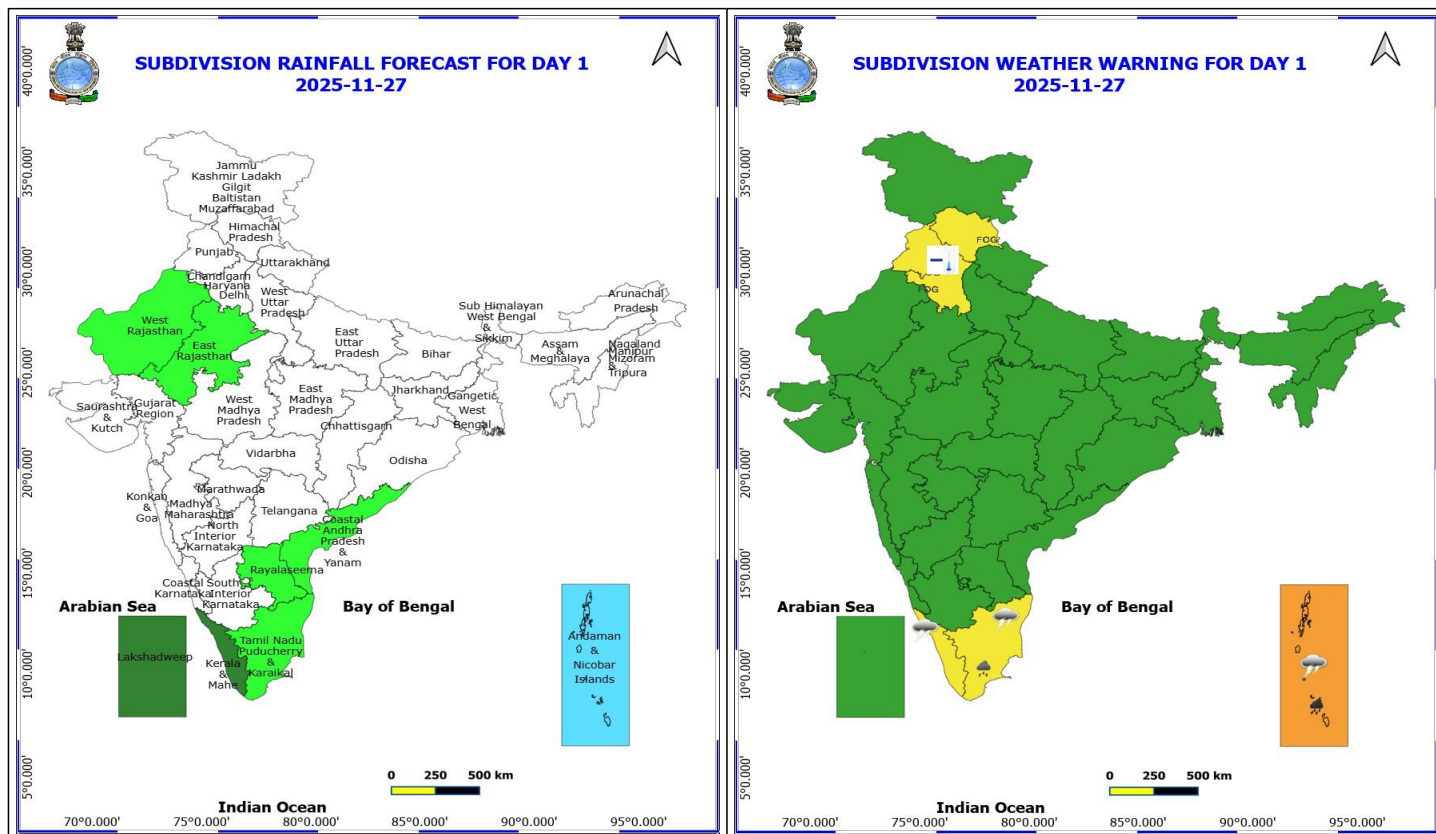
❖ **Maximum Temperature Departures (as on 26-11-2025): below normal (-1.6°C to -3.0°C)** at isolated places over East Rajasthan. **The highest maximum temperature** of 35.2°C is reported at KARWAR (KARNATAKA).

Meteorological Analysis (Based on 0530 hours IST)

- ❖ The cyclonic storm *Senyar" [Pronunciation: 'Sen-yar'] over coastal areas of Northeast Indonesia and adjoining strait of Malacca moved east-southeastwards with a speed of 13 kmph in past 6 hours, weakened into deep depression and lay centered at 0530 hours IST of today, the 27th November 2025 near latitude 3.7°N and longitude 99.2°E over the Strait of Malacca, about 280 km east-southeast of Kuta Makmur (Indonesia), 230 km south-southwest of George Town (Malaysia), 790 km southeast of Nancowry (Nicobar Islands) and 930 km southeast of Car Nicobar (Nicobar Islands). It is very likely to move nearly eastwards and weaken further into a Depression by 27th afternoon/evening.
- ❖ The Well marked low-pressure area over southwest Bay of Bengal and adjoining areas of Southeast Sri Lanka & Equatorial Indian Ocean intensified into Depression over southwest Bay of Bengal and adjoining Sri Lanka coast at 2330 hours IST of yesterday, the 26th November, 2025. It moved north-northwestwards with a speed of 8 kmph during past 6 hours, intensified into a deep depression and lay centered at 0530 hrs IST of today, the 27th November 2025 over the same region near latitude 6.3°N and longitude 82.4°E, about 150 km east-northeast of Hambantota (Sri Lanka) and 190 km east-southeast of Batticaloa (Sri Lanka). It is very likely to continue to move nearly north-northwestwards across southwest Bay of Bengal & adjoining Sri Lanka and intensify further into a cyclonic storm during next 12 hours. Thereafter, it is very likely to continue to move north-northwestwards across southwest Bay of Bengal & adjoining Sri Lanka coast towards North Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coast during subsequent 48 hours.
- ❖ The Western disturbance as a cyclonic circulation over south Afghanistan between 3.1 & 5.8 km above mean sea level persists.
- ❖ The upper air cyclonic circulation over Tripura & neighbourhood at 1.5 km above mean sea level persists.

Weather Outlook for subsequent 3 days

Fairly widespread to widespread rainfall activity likely over North Tamil Nadu, Coastal Andhra Pradesh, Kerala and Andaman & Nicobar Islands.
Isolated to Scattered rainfall activity over Coastal Karnataka and South Interior Karnataka.



27 November (Day 1)

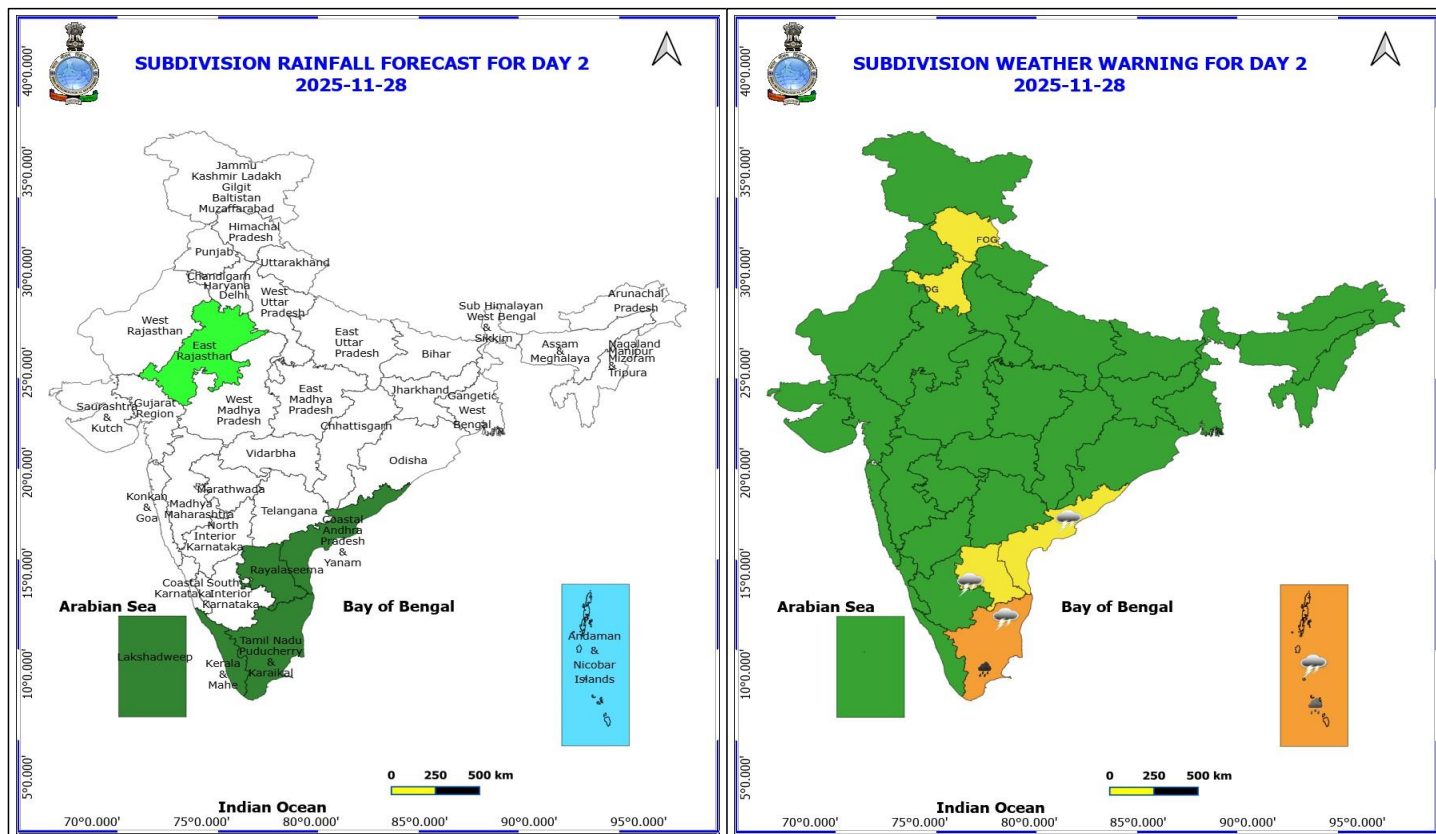
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Heavy Rainfall** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Cold wave conditions** very likely at isolated places over Punjab.
- ❖ **Fog** very likely at isolated pockets over Haryana, Chandigarh & Delhi and Himachal Pradesh.
- **Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph** will prevail along and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over south Bay of Bengal, along and off Tamil Nadu coast and over Andaman Sea.
- **Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph** will prevail over Gulf of Mannar, along and off Sri Lanka coast, over south and adjoining north Andaman Sea.
- **Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph** will prevail over south Andaman Sea and adjoining, some parts of southeast Bay of Bengal.

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28 November (Day 2)

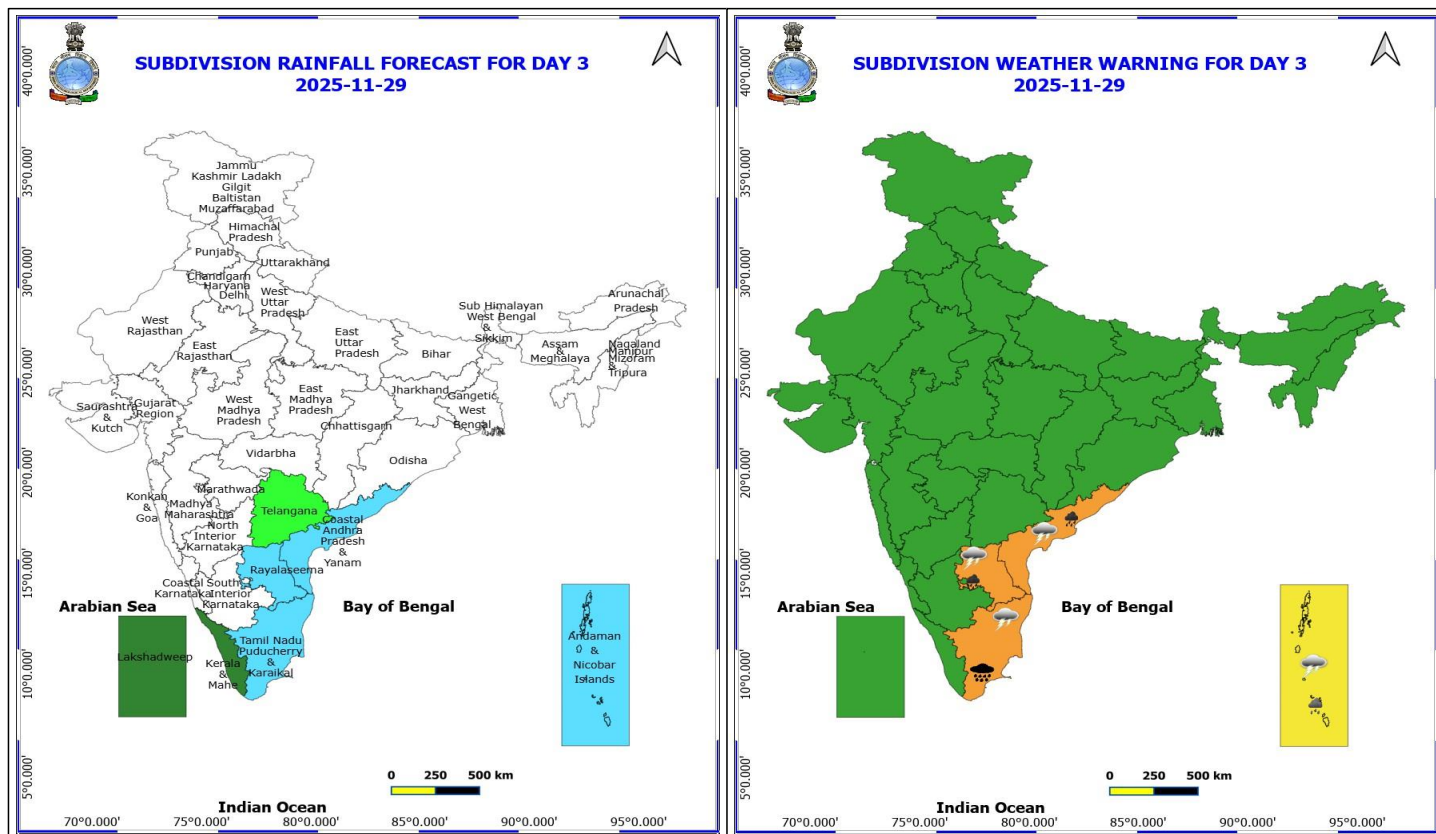
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- ❖ **Fog** very likely at isolated pockets over Haryana, Chandigarh & Delhi and Himachal Pradesh.
- **Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph** will prevail along and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining southeast Bay of Bengal, some parts of westcentral Bay of Bengal, along and off south Andhra Pradesh coast.
- **Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph** will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, many parts of southwest Bay of Bengal.

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29 November (Day 3)

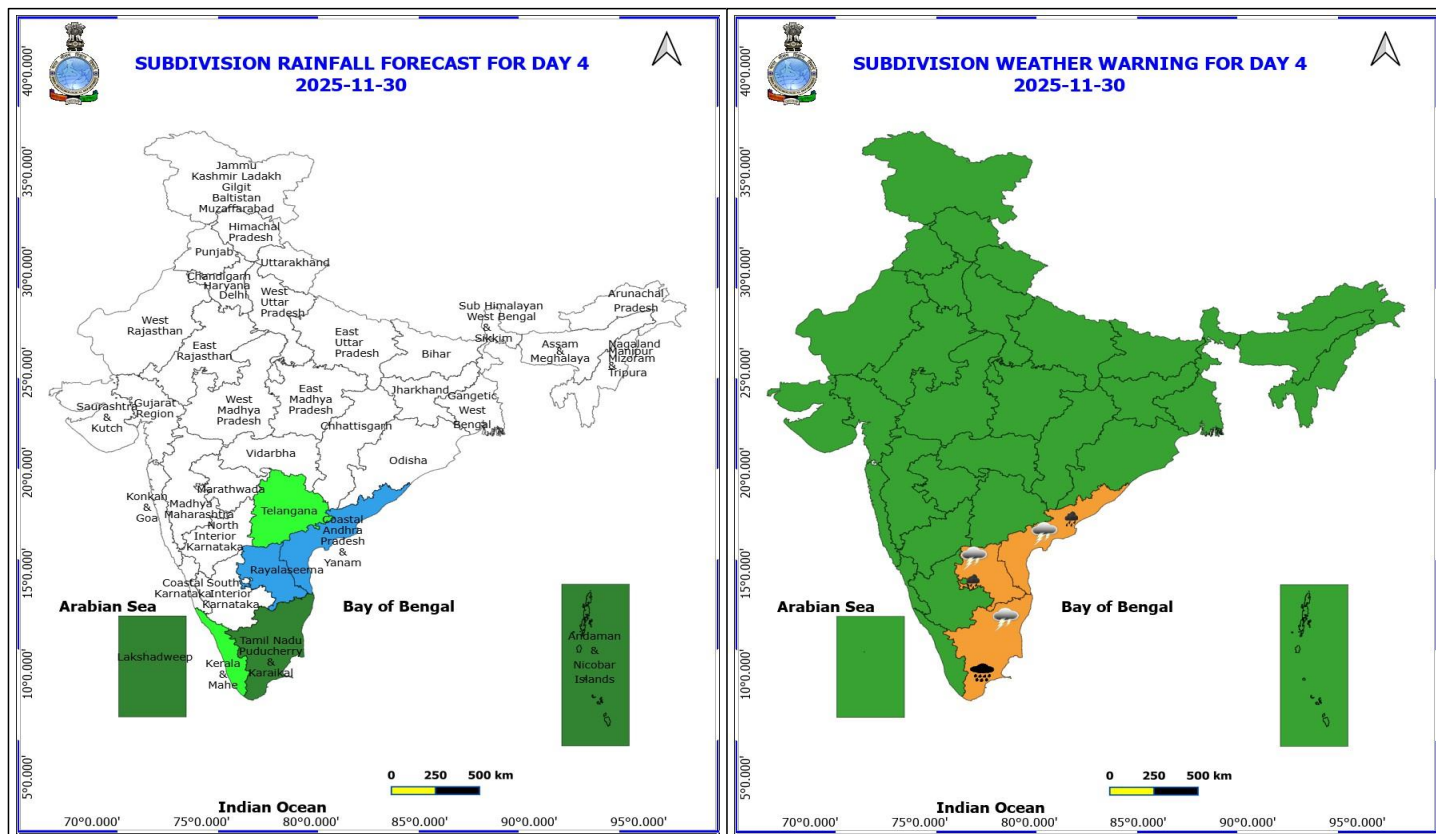
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** very likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Andhra Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- **Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph** will prevail along and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining southeast Bay of Bengal, many parts of westcentral Bay of Bengal, along and off south Andhra Pradesh coast.
- **Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph** will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, over Gulf of Mannar, many parts of southwest Bay of Bengal.
- **Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph** will prevail over parts of southwest Bay of Bengal off north Sri Lanka coast.

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30 November (Day 4)

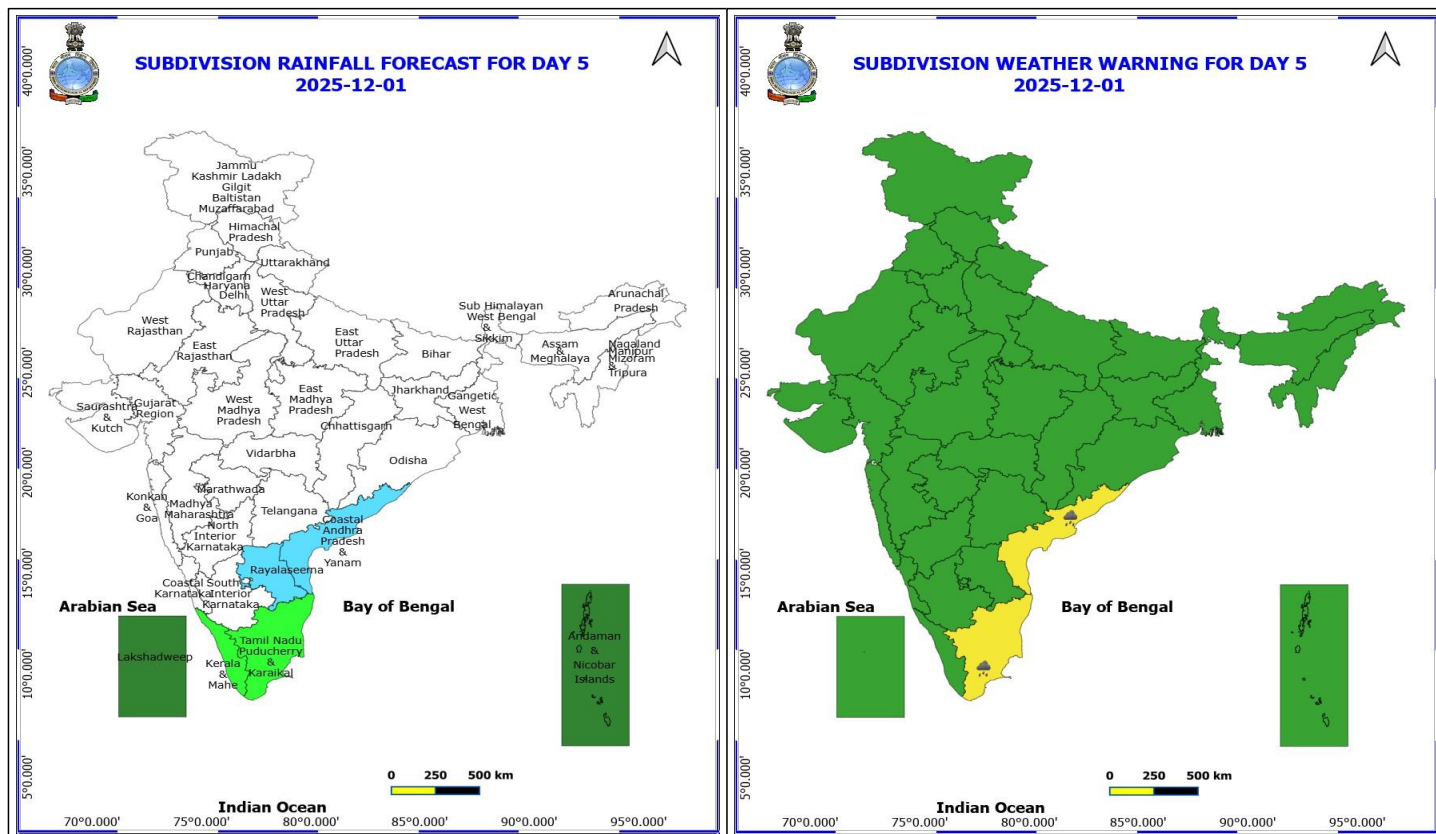
- ❖ **Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall** likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Andhra Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.
- **Squally weather with wind speeds reaching 35 kmph to 45 kmph gusting to 55 kmph** will prevail along and off south Kerala coast and adjoining Lakshadweep area, over Comorin area, over southwest & adjoining southeast Bay of Bengal, many parts of westcentral Bay of Bengal, along and off south Andhra Pradesh coast.
- **Squally weather with wind speeds reaching 45 kmph to 55 kmph gusting to 65 kmph** will prevail over Gulf of Mannar, along and off Sri Lanka, Tamil Nadu coasts, over Gulf of Mannar, many parts of southwest Bay of Bengal.
- **Squally weather with wind speeds reaching 50 kmph to 60 kmph gusting to 70 kmph** will prevail over parts of southwest Bay of Bengal off north Tamil Nadu coast.

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1 December (Day 5)

❖ **Heavy Rainfall** likely at isolated places over Coastal Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

No Fishermen Warning

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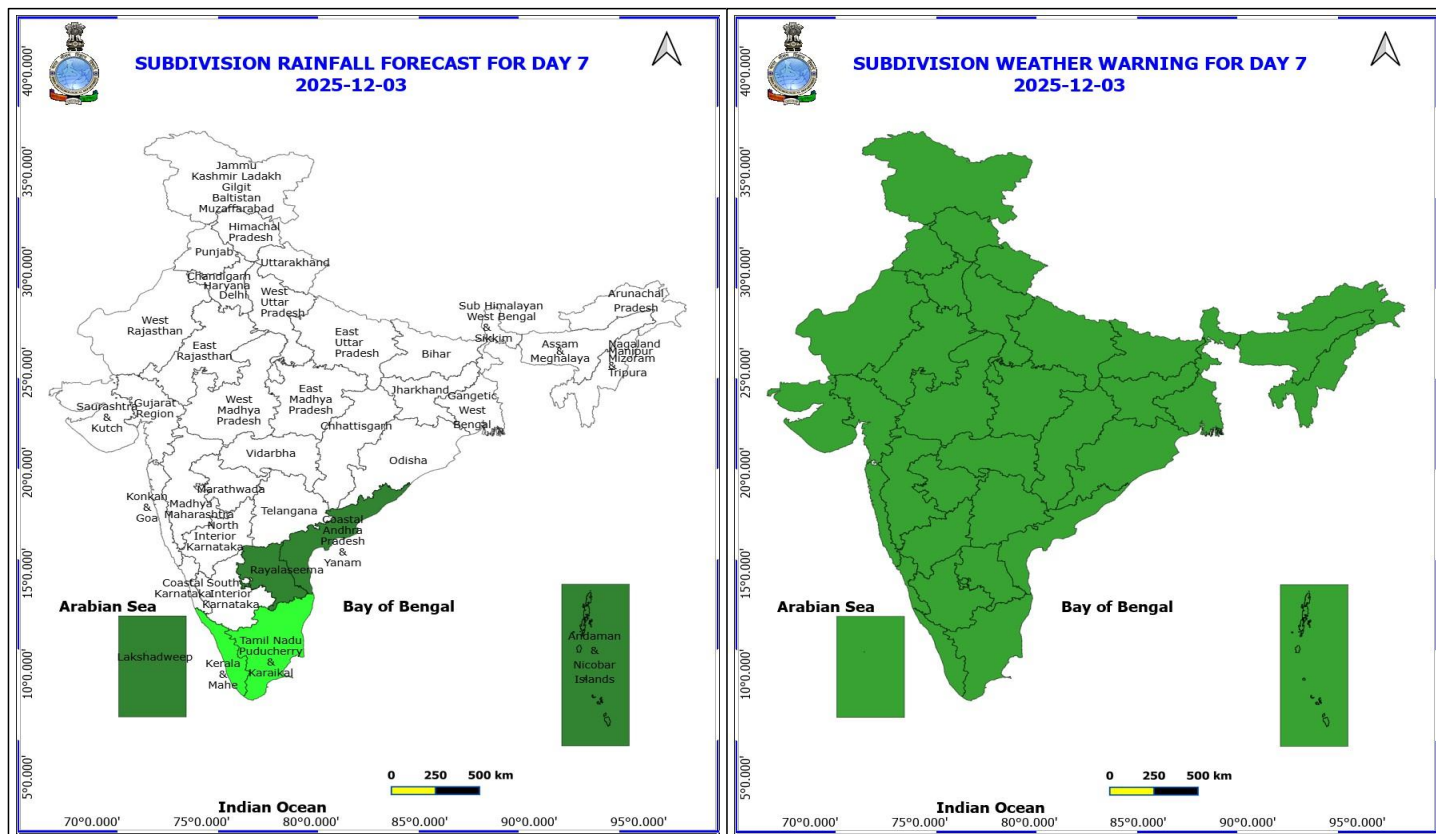
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No Fishermen Warning

Page 10



3 December (Day 7)

No Warning

No Fishermen Warning

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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	27- Nov	28- Nov	29- Nov	30- Nov	1- Dec	2- Dec	3- Dec
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	SCT	SCT	SCT	SCT
2	ARUNACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
3	ASSAM & MEHGHALAYA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
4	N. M. M. & T.	DRY	DRY	DRY	DRY	DRY	DRY	DRY
5	S.H. WEST BENGAL & SIKKIM	DRY	DRY	DRY	DRY	DRY	DRY	DRY
6	GANGETIC WEST BENGAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
7	ODISHA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
8	JHARKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
9	BIHAR	DRY	DRY	DRY	DRY	DRY	DRY	DRY
10	EAST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
12	UTTARAKHAND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
13	HARYANA, CHD & DELHI	DRY	DRY	DRY	DRY	DRY	DRY	DRY
14	PUNJAB	DRY	DRY	DRY	DRY	DRY	DRY	DRY
15	HIMACHAL PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
17	WEST RAJASTHAN	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	DRY	DRY	DRY	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	DRY	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	DRY	DRY	DRY	DRY	DRY	DRY	DRY
28	COASTAL ANDHRA PRADESH	ISOL	SCT	FWS	WS	FWS	SCT	SCT
29	TELANGANA	DRY	DRY	ISOL	ISOL	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	SCT	FWS	WS	FWS	SCT	SCT
31	TAMILNADU & PUDUCHERRY	ISOL	SCT	FWS	SCT	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA	SCT	SCT	SCT	ISOL	ISOL	ISOL	ISOL
36	LAKSHDWEAP	SCT	SCT	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 2025-11-26

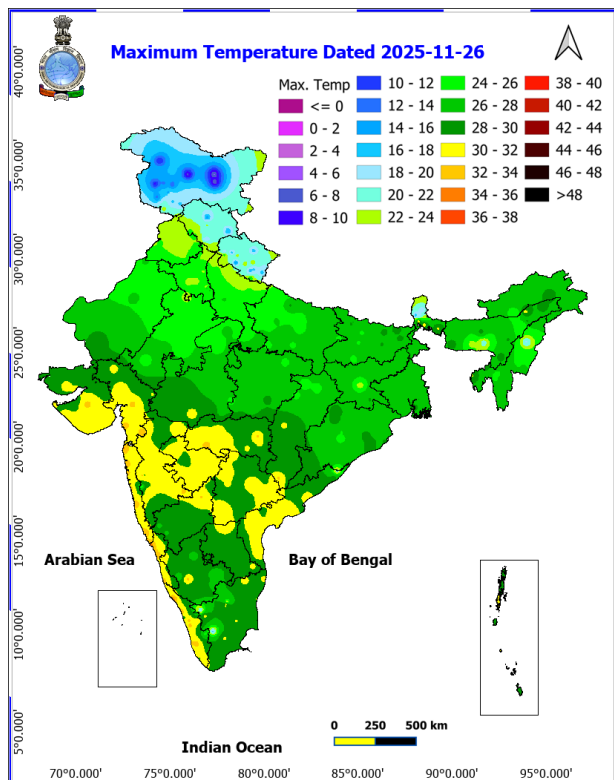


Fig. 2: Departure of Maximum Temp. Dated 2025-11-26

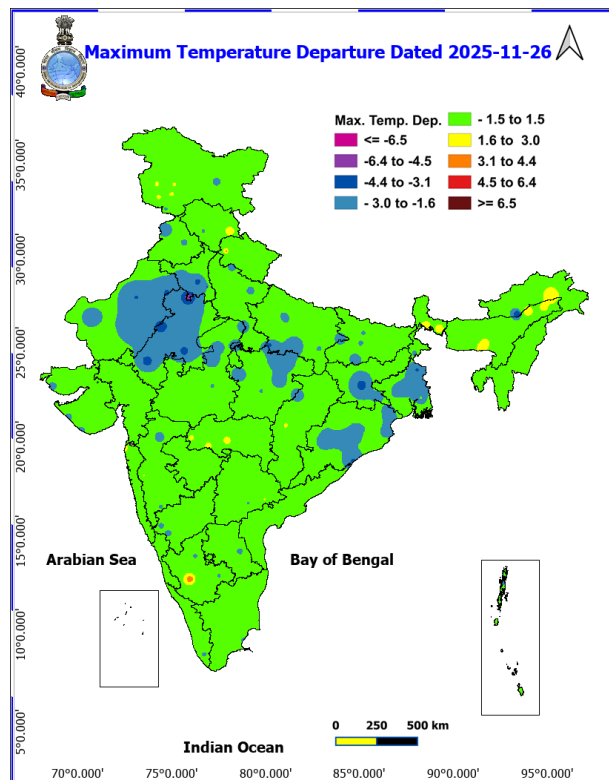


Fig. 3: Minimum Temperatures Dated 2025-11-26

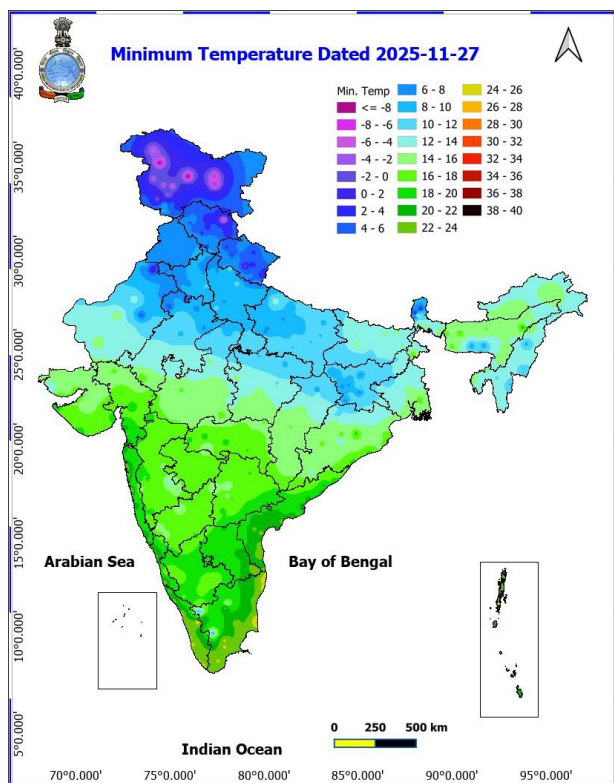
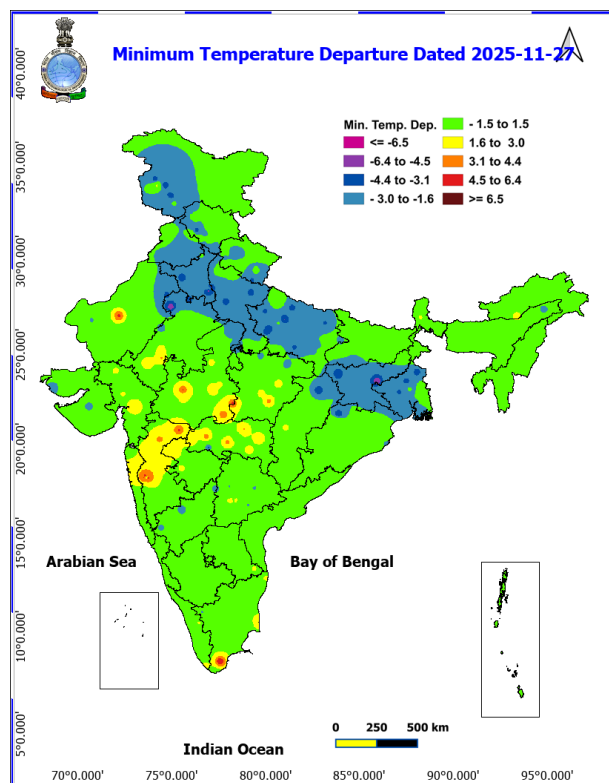
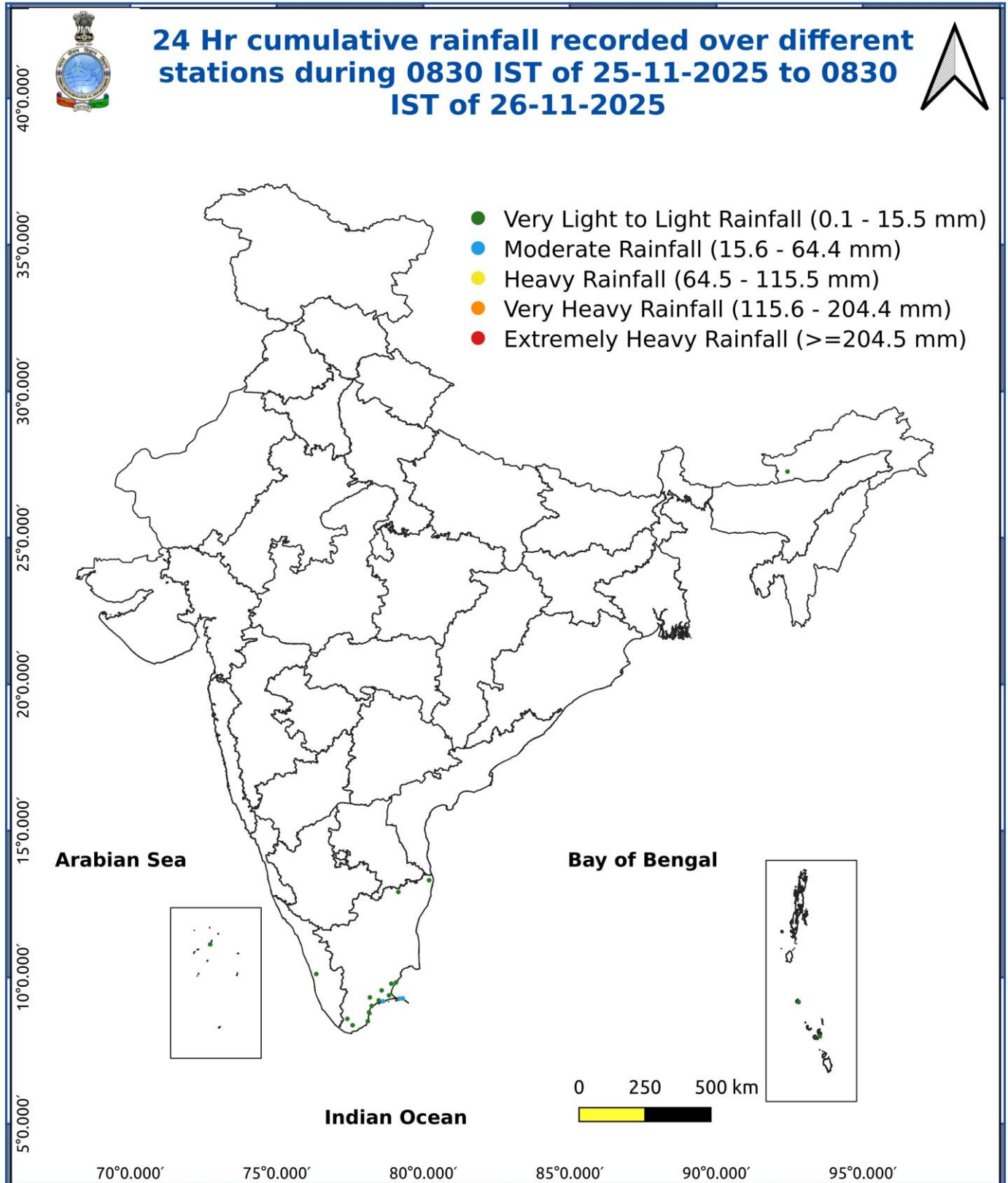


Fig. 4: Departure of Minimum Temp. Dated 2025-11-26





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Impact & Action Suggested due to

- ♦ Heavy to very heavy rainfall likely over Tamil Nadu during 27th November- 01st December with isolated extremely heavy falls on 29th & 30th November; isolated heavy to very heavy rainfall also likely over Coastal Andhra Pradesh & Yanam and Rayalaseema on 29th & 30th November, 2025.
- ♦ Heavy to very heavy rainfall likely over Andaman & Nicobar Islands on 27th and isolated heavy rainfall on 28th & 29th November, 2025.

Impact Expected

- ♦ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- ♦ Occasional reduction in visibility due to heavy rainfall.
- ♦ Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- ♦ Minor damage to kutcha roads.
- ♦ Possibilities of damage to vulnerable structure.
- ♦ Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- ♦ Damage to horticulture and standing crops in some areas due to inundation.
- ♦ It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

- ♦ Check for traffic congestion on your route before leaving for your destination.
- ♦ Follow any traffic advisories that are issued in this regard.
- ♦ Avoid going to areas that face the water logging problems often.
- ♦ Avoid staying in vulnerable structure.

Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy / Heavy to Very 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

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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 & abbreviations:

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, 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 द्वीप समुह

2 अरुणाचल प्रदेश

3 असम और मेघालय

4 नागालैंड मनीपुर मीजोरम और त्रिपुरा

5 उप हिमालय पश्चिम बंगाल एवं सिक्किम

6 पश्चिम गंगेय 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. Marathwada

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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