

2025-10-30

Time of Issue: 09:22:00 hours IST
(Morning)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather warning:

South Peninsular India:

- Light to moderate rainfall/thunderstorm at most/many places with isolated **heavy rainfall over** Coastal Andhra Pradesh & Yanam and Telangana on 30th October.
- Thunderstorm with lightning & gusty winds (speed reaching 40-50 kmph) likely over Telangana on 30th October with thunderstorm and lightning over Tamil Nadu and Rayalaseema on 30th; Coastal Andhra Pradesh & Yanam during 30th -31st October.

East & Central India:

- Light to moderate rain/thunderstorm at some/isolated places with isolated **heavy rainfall** over Gangetic West Bengal, Bihar and Jharkhand on 30th & 31st; Sub-Himalayan West Bengal & Sikkim during 30th October - 01st November; East Madhya Pradesh, Vidarbha and Chhattisgarh on 30th October with isolated **very heavy rainfall** over Bihar on 30th & 31st and Sub-Himalayan West Bengal & Sikkim on 31st October.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) over East Madhya Pradesh on 30th with thunderstorm and lightning over West Madhya Pradesh for next 5 days; East Madhya Pradesh during 31st October- 02nd November; Vidarbha on 30th & 31st; Chhattisgarh on 30th; Gangetic West Bengal and Bihar during 30th October- 01st November; Odisha and Sub-Himalayan West Bengal & Sikkim on 30th & 31st; Jharkhand on 30th October.

West India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over Gujarat State during 30th October- 01st November with isolated **very heavy rainfall** over Saurashtra & Kutch on 30th & 31st October.
- Thunderstorm with lightning likely over Gujarat State during next 5 days; over Maharashtra for next 2 days.

Northeast India:

- Light to moderate rain/thunderstorm at many/some places with isolated **heavy rainfall** over Arunachal Pradesh and Assam & Meghalaya on 31st October – 01st November and Nagaland, Manipur, Mizoram & Tripura on 01st November.
- Thunderstorm with lightning over the region during 30th October – 01st November.

Northwest India:

- Light to moderate rain/thunderstorm at isolated places with isolated **heavy rainfall** likely over East Uttar Pradesh on 30th & 31st October.
- Thunderstorm with lightning and gusty winds (speed reaching 30-40 kmph) likely over East Uttar Pradesh on 30th & 31st October with thunderstorm with lightning East Rajasthan on 30th October .
- No significant change in temperature over the region for next 5-7 days.

Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Konkan & Goa , Sub-himalayan West Bengal & Sikkim, Gangetic West Bengal, Odisha, Jharkhand, West Uttar Pradesh, Bihar, Andaman & Nicobar Islands, Telangana, Madhya Maharashtra , Marathwada, Vidarbha, Coastal Karnataka and North Interior Karnataka; **at many places** over East Rajasthan, Nagaland, Manipur, Mizoram & Tripura, East Uttar Pradesh, West Rajasthan, Assam & Meghalaya, Arunachal Pradesh, Coastal Andhra Pradesh & Yanam, Saurashtra & Kutch, Chhattisgarh, East Madhya Pradesh, Rayalaseema, Tamilnadu Puducherry & Karaikal, Kerala & Mahe and Gujarat Region; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Telangana: Bheemadevarapalla (dist. Hanumakonda) & Kasileda (dist. Warangal) 42 each, Urus (dist. Warangal) 35, Husnabad (dist. Siddipet) 30; Konkan & Goa: Ratnagiri (dist Ratnagiri) 12, Panjim (dist North Goa) 7; Gangetic West Bengal: Kolkata (dum Dum) AP (dist North 24 Parganas) 5, Digha (dist North 24 Parganas) 4; Telangana: Nizamabad (dist Nizamabad), Ramgundam (dist Peddapalli) 5 Each, Hyderabad (dist Hyderabad) 3; Odisha: Balasore (dist Balasore) 5, Bhubaneswar (dist Khordha), Keonjhar (dist Kendujhar) 2 Each; Assam & Meghalaya: Shillong (dist East Khasi Hills) 4; Andaman & nicobar islands: Port Blair (dist South Andaman) 3; Jharkhand: Jamshedpur AP (dist East Singhbhum) 2; Bihar: Gaya (dist Gaya) 2; Kerala & mahe: Kochi (cochin) (dist Ernakulam) 2; Coastal Andhra Pradesh & Yanam: Visakhapatnam, Visakhapatnam (dist Visakhapatnam), Tuni (dist Kakinada) 2 Each.**

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0530 hours IST of today):**Exceptionally Heavy Rain** at few places over Telangana ; **Heavy to very heavy rain** at isolated places over Konkan & Goa.

❖ **Minimum Temperature Departures (as on 29-10-2025): markedly above normal(> 5.1°C)** at many places over Bihar; at few places over Madhya Maharashtra and Vidarbha; at isolated places over Assam & Meghalaya, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Marathwada and Chhattisgarh. **appreciably above normal(3.1°C to 5.0°C)** at few places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Jharkhand, West Rajasthan and Telangana; at isolated places over Odisha, East Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, East Madhya Pradesh, Gujarat Region and Saurashtra & Kutch. **above normal(1.6°C to 3.0°C)** at many places over Lakshadweep; at few places over Arunachal Pradesh, Himachal Pradesh, Konkan & Goa and Coastal Karnataka; at isolated places over Andaman & Nicobar Islands, Uttarakhand, West Madhya Pradesh, Coastal Andhra Pradesh & Yanam, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Kerala & Mahe. **near normal(-1.5°C to 1.5°C)** at most places over Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and South Interior Karnataka. **The lowest minimum temperature** of 11.5°C is reported at UNA (HIMACHAL PRADESH) over the Plains of India.

❖ **Maximum Temperature Departures (as on 29-10-2025): markedly above normal(> 5.1°C)** at isolated places over Uttarakhand and Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad. **appreciably above normal(3.1°C to 5.0°C)** at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Tamil Nadu, Puducherry & Karaikal. **above normal(1.6°C to 3.0°C)** at isolated places over Gangetic West Bengal, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh and Chhattisgarh. **near normal(-1.5°C to 1.5°C)** at many places over Kerala & Mahe; at most places over South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Odisha, West Uttar Pradesh, Konkan & Goa, Madhya Maharashtra and Rayalaseema; at isolated places over Bihar, East Uttar Pradesh, West Rajasthan, East Rajasthan, Marathwada, Vidarbha, Coastal Andhra Pradesh & Yanam and North Interior Karnataka. **The highest maximum temperature** of 36.7°C is reported at MADURAI (A) (TAMIL NADU).

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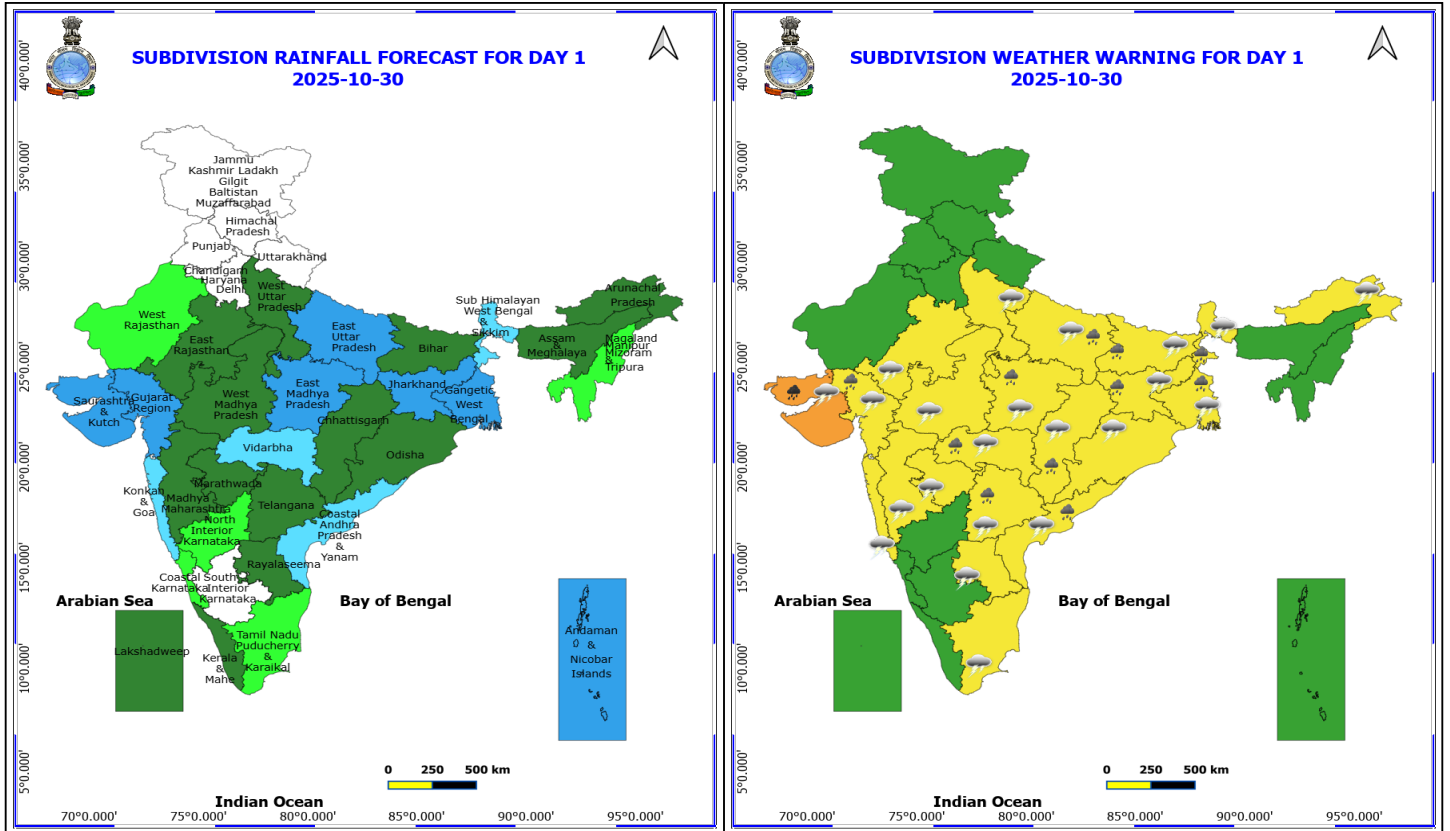
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Meteorological Analysis (Based on 0530 hours IST)

- The **Depression [Remnant of Severe Cyclonic Storm "Montha"]** over south Chhattisgarh & adjoining Vidarbha moved north-northwestwards and weakened into a **Well Marked Low** Pressure Area over east Vidarbha and adjoining south Chhattisgarh at 0530 hrs IST of today, the 30th October 2025. It is likely to move nearly northwards towards East Madhya Pradesh & adjoining north Chhattisgarh and weaken into a low pressure area during next 24 hours.
- The **Depression** over eastcentral Arabian Sea moved westwards with a speed of 13 kmph during past 6 hours and lay centered at 0530 hrs IST of today, the 30th October 2025, over the same region, near latitude 17.9°N & longitude 68.2°E, about 400 km southwest of Veraval (Gujarat), 510 km west-southwest of Mumbai (Maharashtra) and 660 km west-northwest of Panjim (Goa). It is likely to move nearly westwards across Eastcentral Arabian Sea during next 36 hours.
- The **upper air cyclonic circulation** over south Haryana & adjoining Rajasthan at 3.1 km above mean sea level persists.
- An **upper air cyclonic circulation** lies over southeast assam & neighbourhood upto 1.5 km above mean sea level.
- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 75°E to the north of Lat. 32°N persists.

Weather Outlook for subsequent 3 days

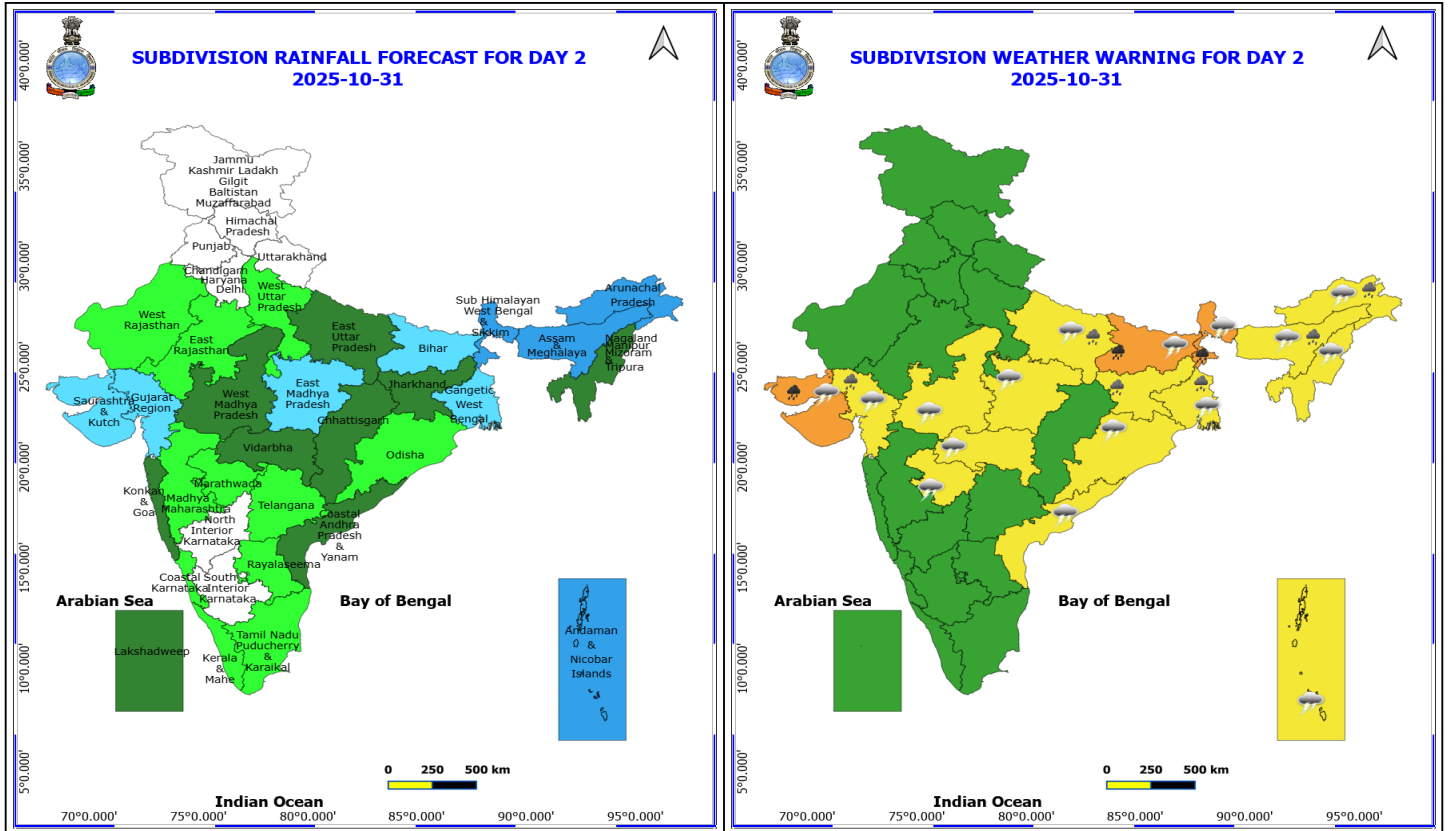
- Scattered to Fairly widespread rainfall activity likely over the southern part of India.
- Isolated to scattered rainfall activity likely over Northeast and East India.



30 October (Day 1)

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Saurashtra & Kutch.
- ❖ **Heavy Rainfall** very likely at isolated places over Bihar, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Uttar Pradesh, Gujarat Region, Jharkhand, Telangana, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over East Madhya Pradesh, Gujarat State, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Andhra Pradesh, Arunachal Pradesh, Bihar, Chhattisgarh, East Rajasthan, Gangetic West Bengal, Jharkhand, Konkan & Goa, Maharashtra, Odisha, Tamil Nadu Puducherry & Karaikal and West Madhya Pradesh.
- **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** likely to prevail along and off Karnataka, Gujarat, Konkan, Goa coasts and adjoining sea areas, over eastcentral Arabian Sea and adjoining areas, along and off Andhra Pradesh and adjoining south Odisha coasts and adjoining sea areas, over many parts of westcentral Bay of Bengal and adjoining northwest Bay of Bengal.
- **Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail over some parts of eastcentral Arabian Sea.

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31 October (Day 2)

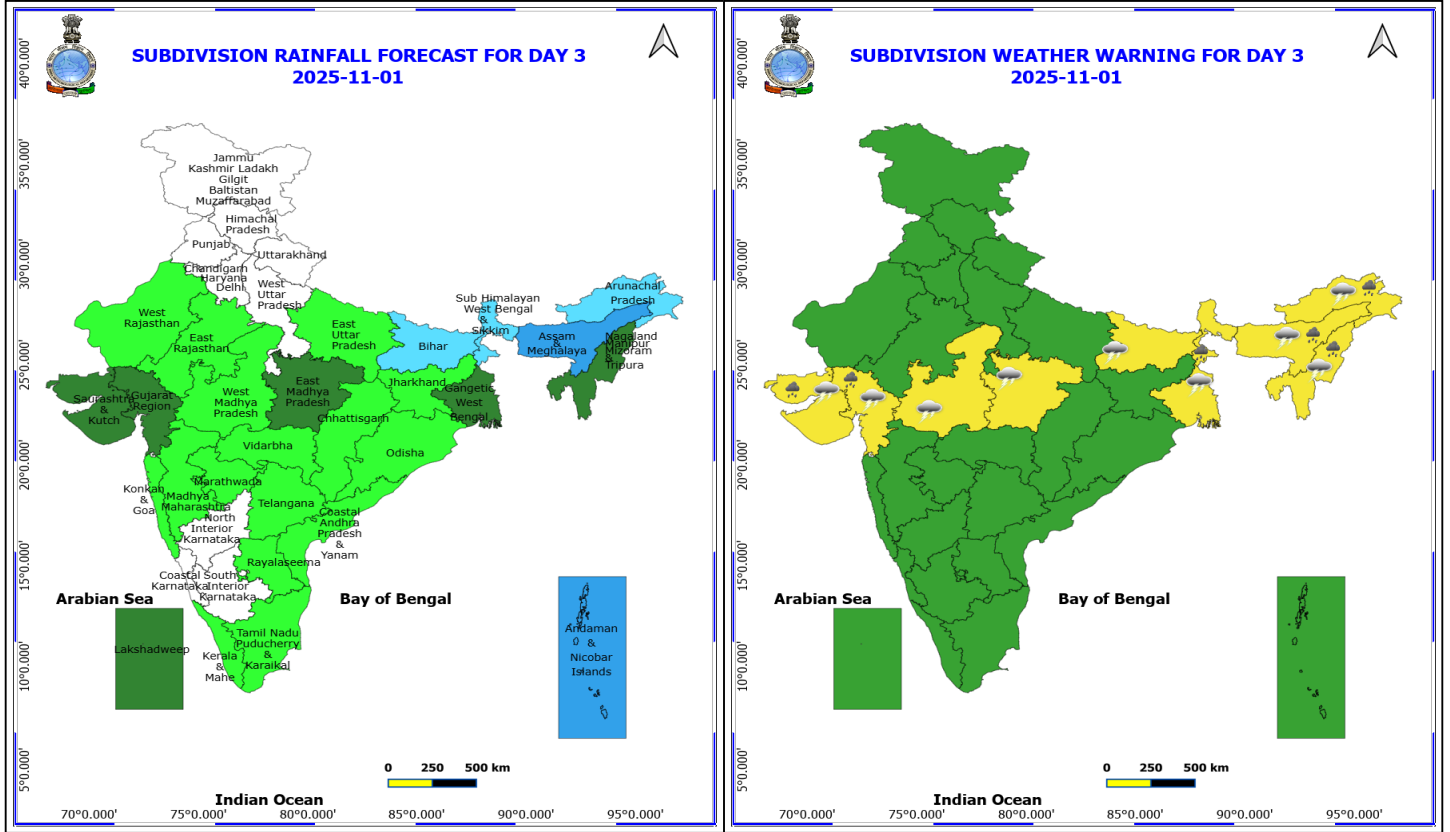
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Bihar, Saurashtra & Kutch and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, East Uttar Pradesh, Gangetic West Bengal, Gujarat Region and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, East Uttar Pradesh, Gujarat State and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Andhra Pradesh, Gangetic West Bengal, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha and Vidarbha.
- **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 and adjoining areas.
- **Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off north Gujarat and adjoining south Gujarat coast and adjoining sea areas, over some parts of eastcentral, northeast Arabian Sea.

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1 November (Day 3)

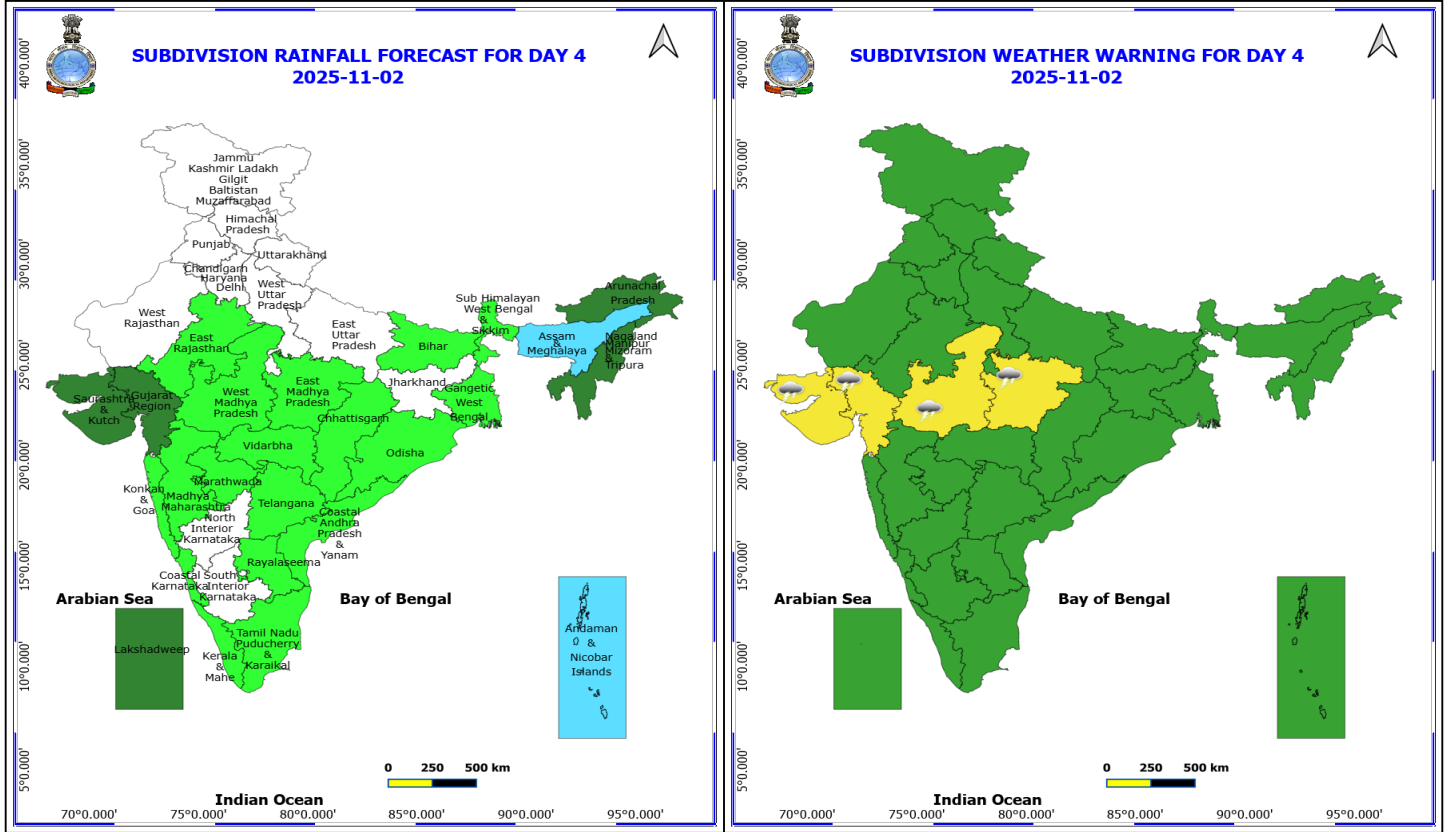
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Gujarat State.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Gangetic West Bengal, Madhya Pradesh and Nagaland, Manipur, Mizoram and Tripura.
 - **Squally weather with wind speed 35 kmph to 45 kmph gusting to 55 kmph** likely to prevail along and off Gujarat, adjoining north Konkan coasts and adjoining sea areas, over many parts of eastcentral, northeast Arabian Sea and adjoining areas.
 - **Squally weather with wind speed 45 kmph to 55 kmph gusting to 65 kmph** likely to prevail along and off north Gujarat and adjoining south Gujarat coast and adjoining sea areas, over some parts of eastcentral, northeast Arabian Sea.

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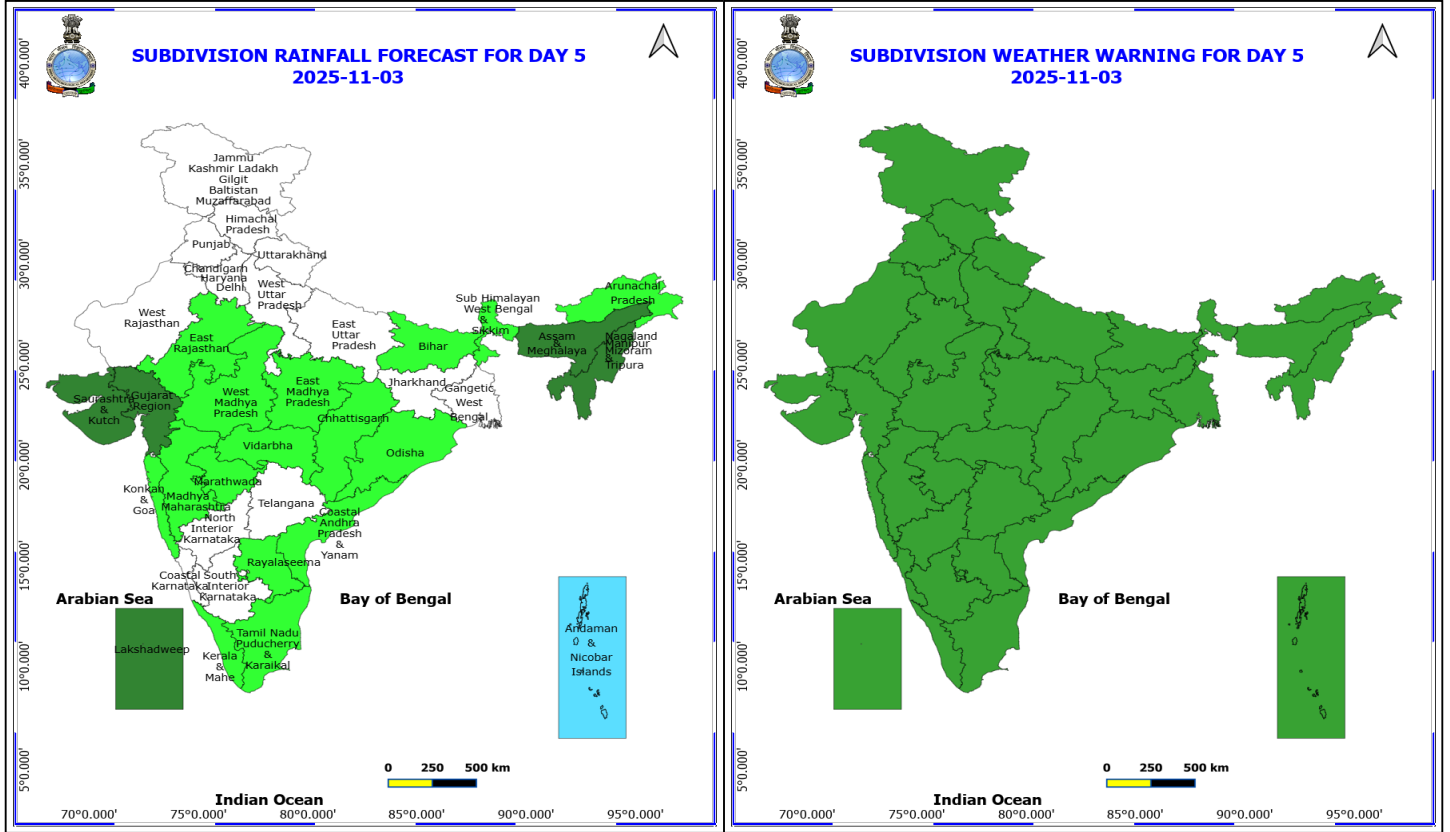
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2 November (Day 4)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Gujarat State.
- ❖ **Thunderstorm accompanied with Lightning** 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, adjoining north Konkan coasts and adjoining sea areas, over many parts of eastcentral, northeast Arabian Sea and adjoining areas.

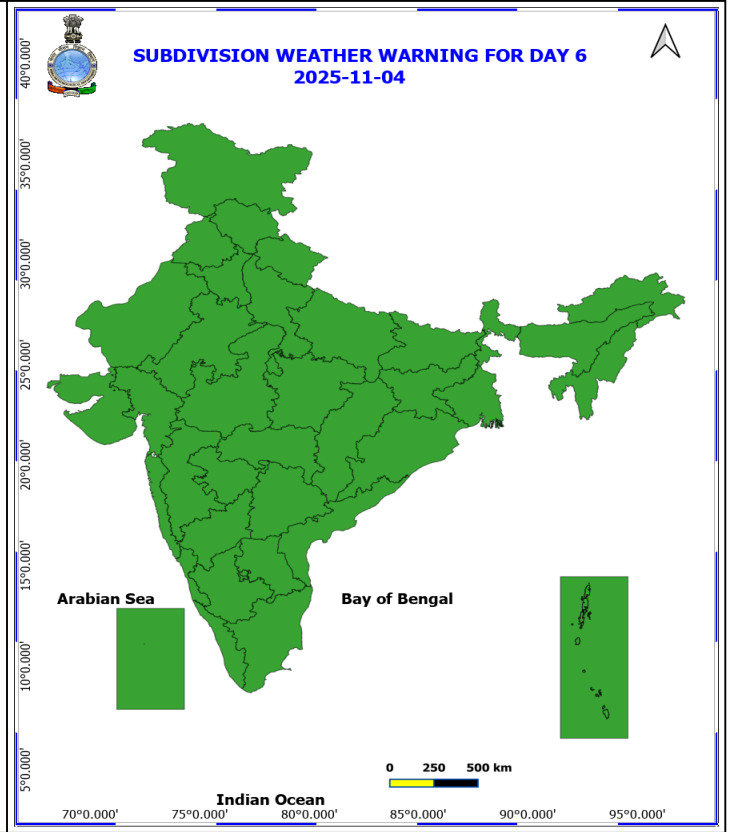
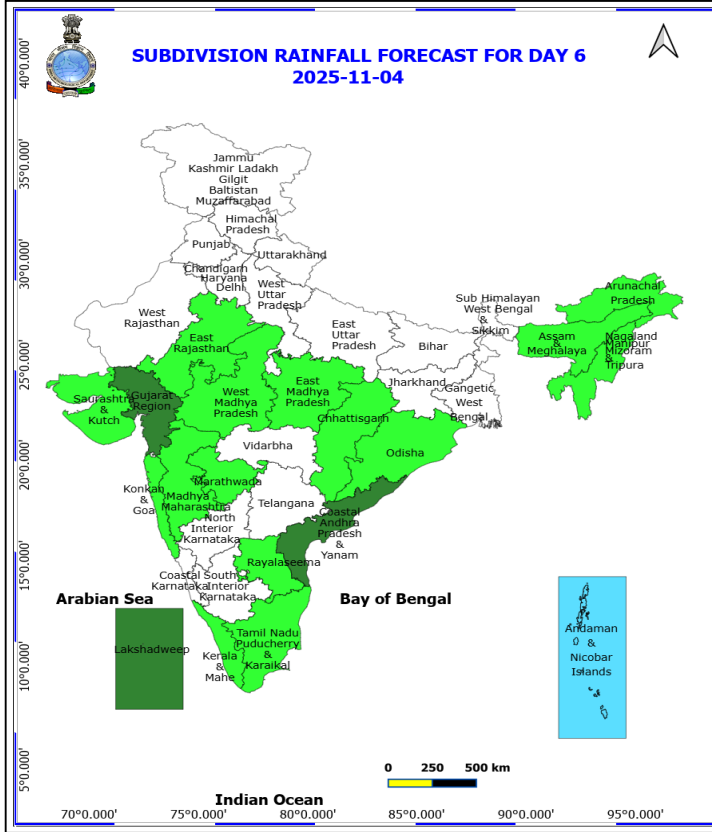
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3 November (Day 5)

No Warning

No Fishermen Warning

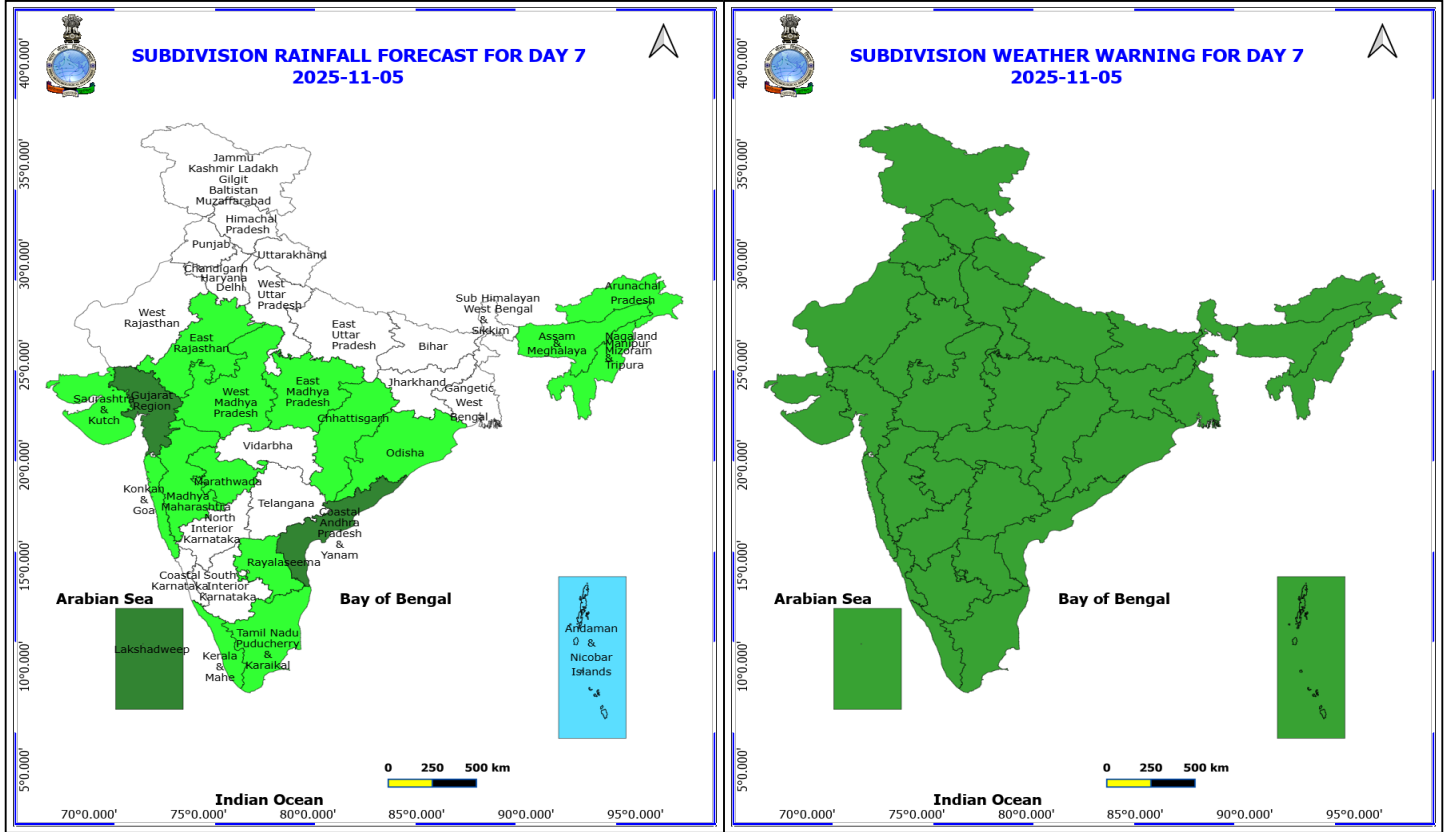


4 November (Day 6)

No Warning

No Fishermen Warning

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5 November (Day 7)

No Warning

No Fishermen Warning



Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	30- Oct	31- Oct	1- Nov	2- Nov	3- Nov	4- Nov	5- Nov
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	WS	WS	WS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	SCT	WS	FWS	SCT	ISOL	ISOL	ISOL
3	ASSAM & MEHGHALAYA	SCT	WS	WS	FWS	SCT	ISOL	ISOL
4	N. M. M. & T.	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
5	S.H. WEST BENGAL & SIKKIM	FWS	WS	FWS	ISOL	ISOL	DRY	DRY
6	GANGETIC WEST BENGAL	WS	FWS	SCT	ISOL	DRY	DRY	DRY
7	ODISHA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	WS	SCT	ISOL	DRY	DRY	DRY	DRY
9	BIHAR	SCT	FWS	FWS	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	WS	SCT	ISOL	DRY	DRY	DRY	DRY
11	WEST UTTAR PRADESH	SCT	ISOL	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	ISOL	ISOL	DRY	DRY	DRY	DRY
18	EAST RAJASTHAN	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	WS	FWS	SCT	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	WS	FWS	SCT	SCT	SCT	SCT	SCT
22	SAURASHTRA & KUTCH	WS	FWS	SCT	SCT	SCT	ISOL	ISOL
23	KONKAN & GOA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
24	MADHYA MAHARASHTRA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	FWS	SCT	ISOL	ISOL	ISOL	DRY	DRY
27	CHATTISGARH	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	FWS	SCT	ISOL	ISOL	ISOL	SCT	SCT
29	TELANGANA	SCT	ISOL	ISOL	ISOL	DRY	DRY	DRY
30	RAYALASEEMA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	ISOL	DRY	ISOL	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
34	SOUTH INTERIOR KARNATAKA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
35	KERALA	SCT	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
36	LAKSHDWEEP	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 2025-10-29

Fig. 2: Departure of Maximum Temp. Dated 2025-10-29

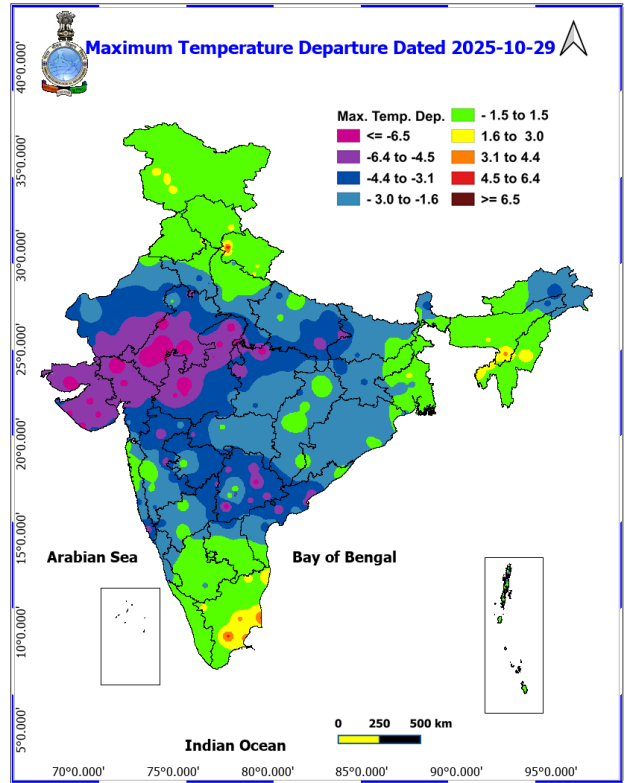
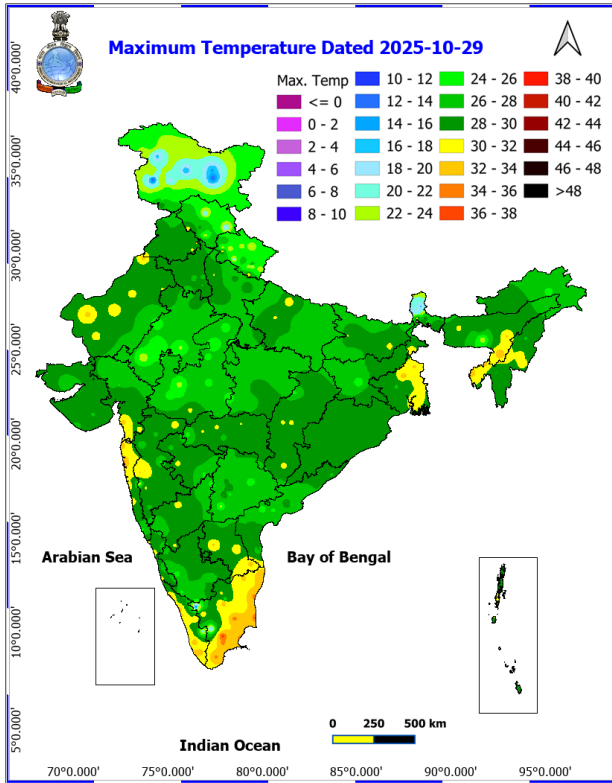
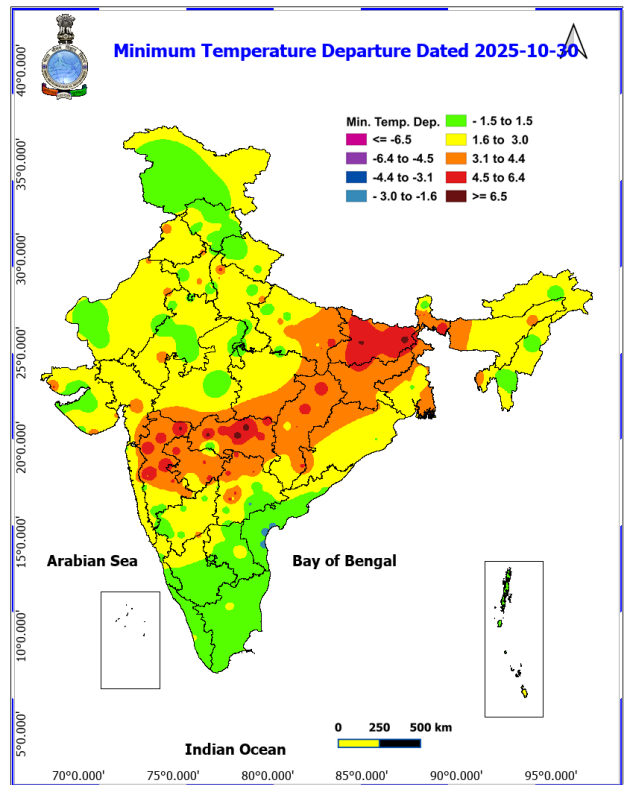
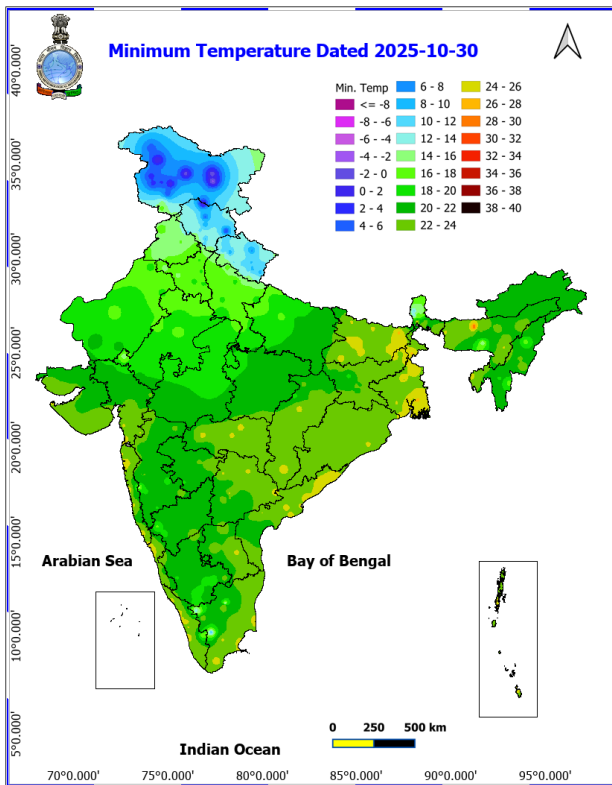
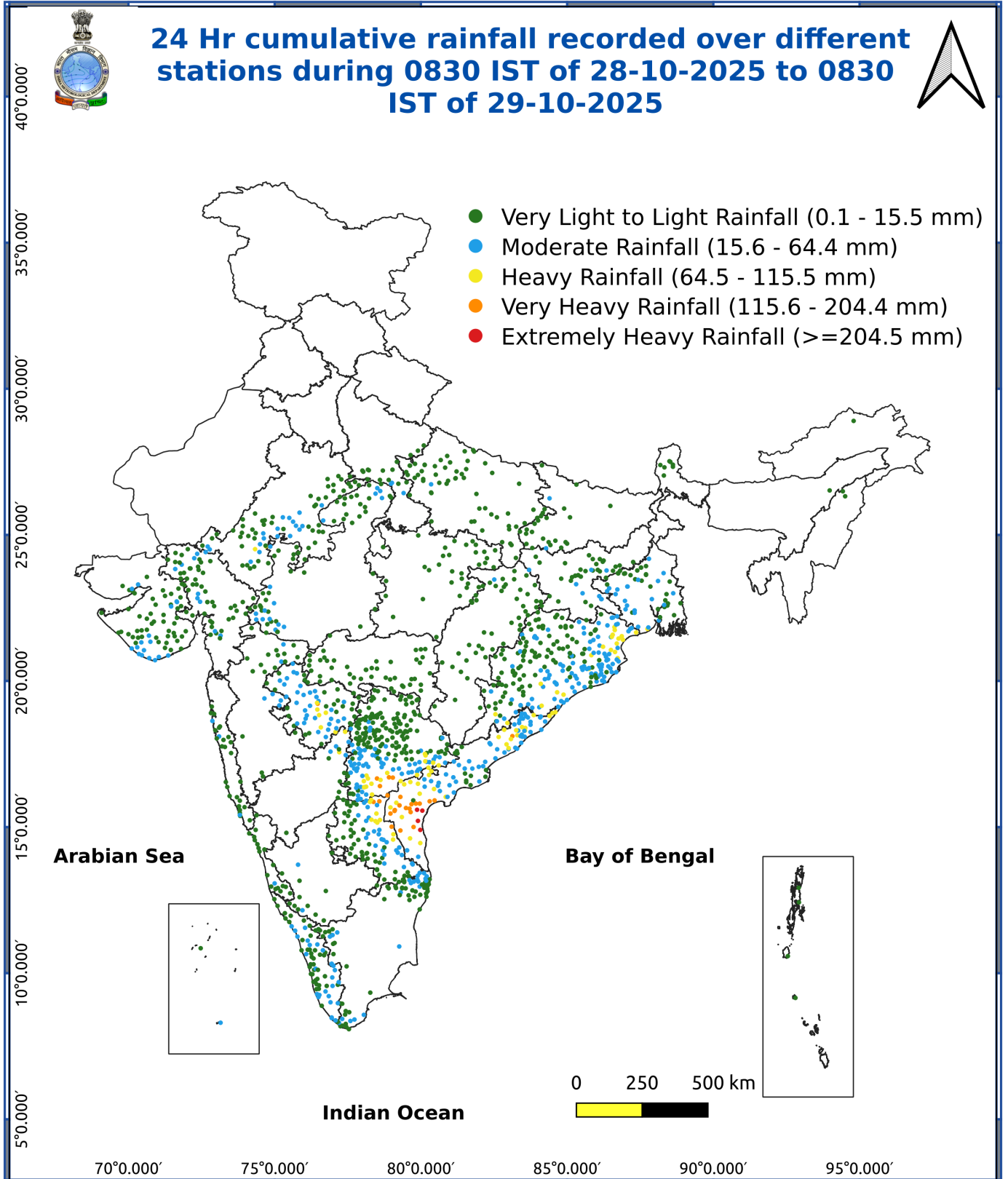


Fig. 3: Minimum Temperatures Dated 2025-10-30

Fig. 4: Departure of Minimum Temp. Dated 2025-10-30





Impact & Action Suggested due to

Very heavy rainfall (12-20 cm) at isolated places over Saurashtra & Kutch, Bihar on 30th & 31st and Sub-Himalayan West Bengal & Sikkim on 31st October.

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 mainly over Bihar, Jharkhand and West Bengal (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 / Extremely Heavy Rainfall

(Based on the IBF and advisories issued by different AMFUs)

- In **Telangana**, avoid harvesting of matured cotton crop during heavy rainfall periods and store the already harvested produce in safe places. Cover the already harvested produce of maize and soybean crops lying on the fields with tarpaulin or shift to a safer place. Drain out excess water from fields of rice, cotton, pigeon pea, green gram, groundnut, turmeric and vegetables.
- In **Andhra Pradesh**, postpone harvesting of groundnut and maize crops during heavy rainfall periods and store the already harvested produce in safe places. Drain out excess water from fields of rice, maize, sugarcane, pigeon pea, black gram, green gram, finger millet, cotton, groundnut, turmeric, ginger, vegetables and plantations of banana, mango, cashew, coconut and arecanut. Avoid sowing of *rabi* crops (*rabi* maize, Bengal gram etc.) until the soil moisture reaches at optimum level.
- In **Kerala**, harvest matured rice crop immediately and keep the produce in safe places. Ensure adequate drainage facilities in fields of rice, ginger, vegetables and plantations of banana, coconut, arecanut, cardamom and black pepper.
- In **Odisha**, drain out excess water from fields of rice, black gram, green gram, pigeon pea, maize, groundnut, cotton, sugarcane and vegetables and fruit orchards. Postpone sowing / planting of *rabi* crops (*rabi* pulses, vegetables etc.) till cessation of rains.
- In **West Bengal**, make arrangements to drain out excess water from fields of rice, groundnut, pulses, ginger and vegetables.
- In **Jharkhand**, harvest matured rice crop only during fair weather and store the harvested produce in safer places.
- In **Bihar**, harvest matured crops of rice and maize only during fair weather / non-rainy period and shift the produce to safer places.
- In **East Uttar Pradesh**, harvest matured crops of rice and vegetables only during fair weather / non-rainy period and store the produce in safe places.

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- In **Gujarat**, harvest the matured crops of rice, groundnut, soybean, black gram, green gram, sesame, maize, pearl millet and vegetables (tomato, brinjal, chilli, okra, cucurbits etc.) only during fair weather and store the produce in safe places. Make provision to drain out excess water from standing crop fields.
- In **Chhattisgarh**, harvest matured crops of rice, minor millets, maize, black gram, horse gram, groundnut and pigeon pea only during fair weather and keep the harvested produce at safer places. Make arrangements to drain out excess water from standing crop fields.
- In **Madhya Pradesh**, harvest matured crops of rice, maize and soybean during fair weather only and shift the produce to safer places.
- In **Konkan**, keep the harvested produce of rice and finger millet in safer places. In **Madhya Maharashtra**, store the harvested produce of rice, soybean, maize, groundnut and pearl millet in safe places. In **Marathwada**, continue picking of cotton only during fair weather / non-rainy period and shift the harvested produce of cotton and soybean to safer places. In **Vidarbha**, continue picking of cotton only during fair weather / non-rainy period and keep the already harvested produce of rice, soybean and cotton at safer places, if storage is not possible cover the produce with plastic / tarpaulin sheets. In **East Vidarbha**, postpone harvesting of matured rice during heavy rainfall periods.

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.

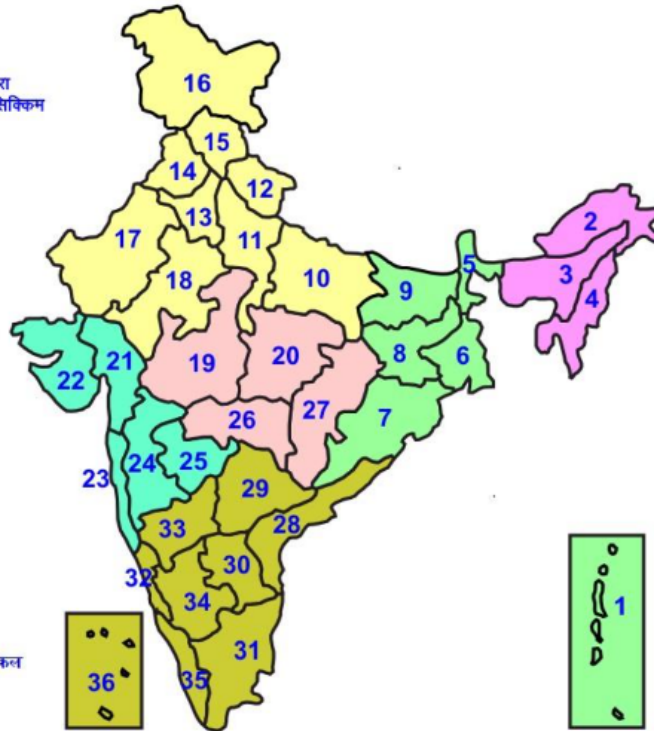
Agromet advisories for likely impact of Thunderstorm / Gusty Winds / Squally Winds

(Based on the IBF and advisories issued by different AMFUs)

- 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.
- Tie the harvested crops properly and cover them to minimise the risk of displacement due to strong surface 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 चंडिगढ़ 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 मराठावाडा
- 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 | Very Heavy Rain | Extremely Heavy Rain | Heavy Snow |
| Thunderstorm & Lightning | Hailstorm | Dust Storm | Dust Raising Winds |
| Strong surface winds | Heat Wave | Hot Day | Warm Night |
| Cold Wave | Cold Day | Ground Frost | Fog |
| Hot & Humid | | | |

*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

(Service to the nation since 1875)

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)

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