

2026-05-07

Time of Issue: 13:26:00 hours IST
(Mid-Day)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Northwest India:

- **Isolated to scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Uttarakhand, Haryana Chandigarh & Delhi, Punjab on 07th, Uttar Pradesh and East Rajasthan on 07th May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Uttarakhand on 08th May.
- Another fresh wet spell with **scattered** to Fairly widespread light to moderate rainfall/snowfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, West Uttar Pradesh, East Rajasthan during 11th -13th over East Uttar Pradesh on 12th & 13th and West Uttar Pradesh on 11th May.

Northeast India:

- **Scattered to Fairly widespread** light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 30-40 kmph)** likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 07th -09th with lightning over Arunachal Pradesh on 07th & 08th; Assam & Meghalaya during 08th -11th and Nagaland, Manipur, Mizoram & Tripura on 09th May.
- **Isolated heavy rainfall** likely over Arunachal Pradesh on 07th, 12th & 13th and Assam & Meghalaya on 12th & 13th May.

East India:

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 30-50 kmph)** likely over Andaman & Nicobar Islands during 07th -13th; Sub-Himalayan West Bengal & Sikkim during 07th -09th; Gangetic West Bengal during 07th, 08th & 10th May.
- **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 30-50 kmph)** likely over Bihar and Odisha during 07th -11th; Jharkhand on 07th, 08th, 11th & 12th May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Gangetic West Bengal on 09th and Jharkhand on 09th & 10th May.

Central India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 40-50 kmph)** likely over Madhya Pradesh on 07th & 08th; Vidarbha and Chhattisgarh during next 3 days.

West India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightninggusty winds (speed reaching 40-50 kmph)** likely over Maharashtra for next 3 days.

South Peninsular India:

- **Isolated to scattered thunderstorms, lightning & gusty winds (30-50 kmph) likely over** Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe, Lakshadweep, Interior Karnataka during next 5 days; Coastal Andhra Pradesh & Yanam, Rayalaseema and Telangana during next 4 days and Coastal Karnataka during 07th -09th with lightning over Coastal Karnataka on 10th & 11th May.
- **Isolated Heavy rainfall** also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7

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days and over South Interior Karnataka on 07th & 08th May.

Forecast of maximum/day temperatures:

- Gradual rise in maximum temperatures by 3-4°C likely over Northwest India till 10th May and no significant change during 11th -13th May.
- No significant change in maximum temperatures likely over Central India till 08th May and gradual rise by 2-4°C thereafter.
- Gradual rise in maximum temperatures by 3-5°C likely over Northeast India till 08th and no significant change during 10th -13th May.
- Gradual rise in maximum temperatures by 2-3°C likely over Maharashtra till 09th May and no significant change during 10th -13th May.
- No significant change in maximum temperatures likely over Gujarat State till 08th May and thereafter gradual rise by 2-3°C during 09th-13th May.
- No significant change in maximum temperatures likely over rest parts of the country till 12th May 2026.

Heat Wave, Hot & Humid weather conditions warning:

- **Heat wave conditions** likely to prevail in isolated pockets over Gujarat state and West Rajasthan during 09th -13th, 2026.
- **Hot & humid weather conditions** very likely to prevail in isolated pockets over Konkan & Goa during 07th -09th May 2026

Main Weather Observations:

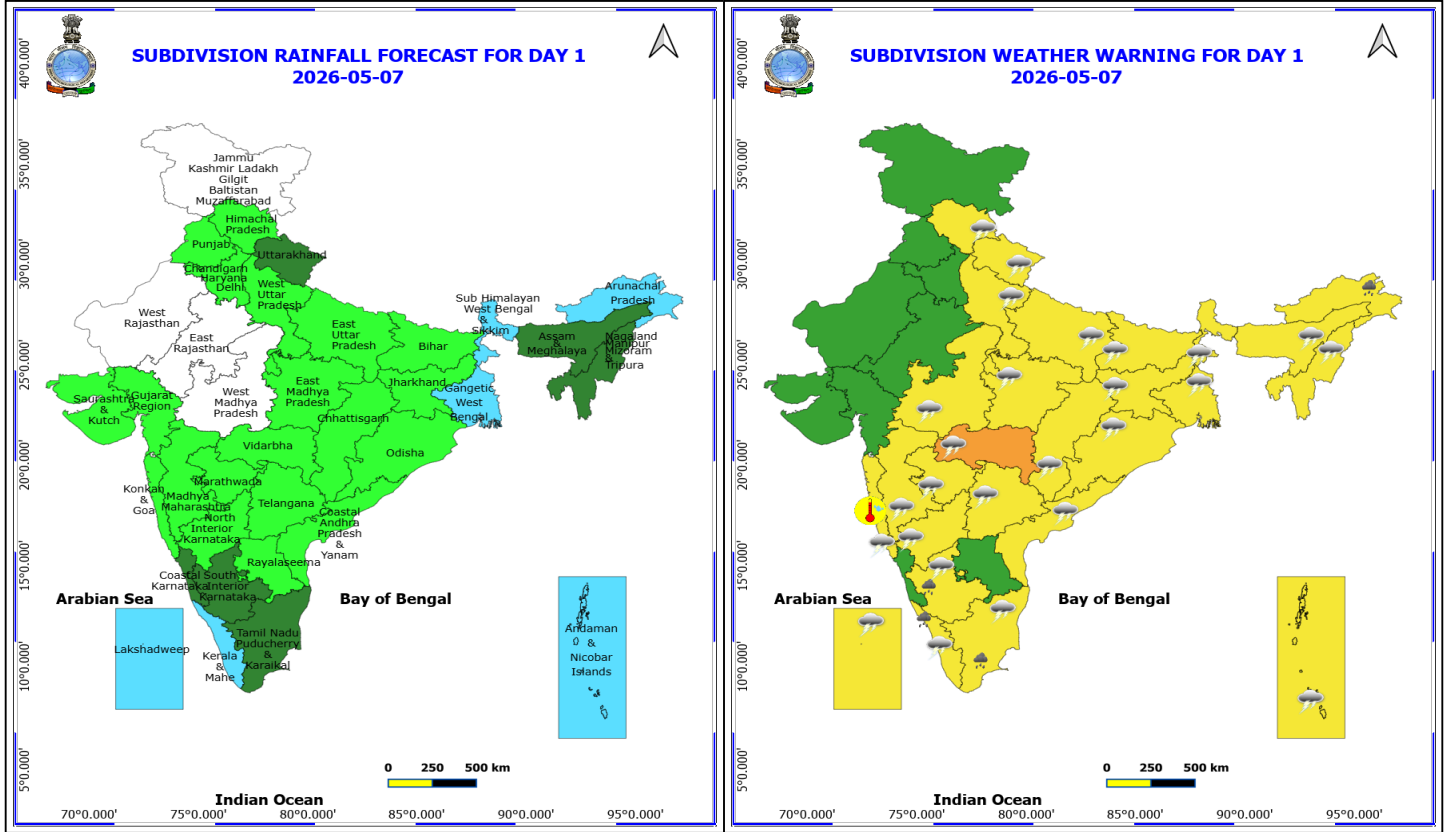
- **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Kerala & Mahe; **at many places** over Andaman & Nicobar Islands, Sub Himalayan West Bengal & Sikkim, Bihar, West Uttar Pradesh and Uttarakhand; **at a few places** over Gangetic West Bengal, East Uttar Pradesh, Himachal Pradesh, Tamil Nadu, Puducherry & Karaikal and North Interior Karnataka; **at isolated places** over Jharkhand, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema 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): **Kerala & Mahe:** Quilandi (dist Kozhikode) 10; Thattathumala AWS (dist Thiruvananthapuram) 8; Vellanikkara (dist Thrissur) 7; Taliparamba (dist Cannur), Irikkur (dist Cannur), Irinjalakuda (dist Thrissur), Palakkad (dist Palakkad), Mahe (dist Mahe), Malampuzha Dam AWS (dist Palakkad), Peechi AWS (dist Thrissur), Ams Kannur (dist Cannur) 6 Each; **Tamil Nadu, Puducherry & Karaikal:** Mimisal (dist Pudukkottai) 10; Shencottah (dist Tenkasi) 8; Mettupalayam (dist Coimbatore), Perunchani Dam (dist Kanyakumari), Pwd Travellers Bungalow (dist Sivaganga) 7 Each; Mudukulatur (dist Ramanathapuram), Puthan Dam (dist Kanyakumari), Kilanilai (dist Pudukkottai), Nalumukku (dist Tirunelveli), Oothu (dist Tirunelveli), Moolaikaraipatti (dist Tirunelveli) 6 Each; **North Interior Karnataka:** Kuknoor (dist Koppal) 6; **Bihar:** Tetaria (dist East Champaran) 6.
 - ❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Kerala & Mahe.
- ❖ **Minimum Temperature Departures (as on 07-05-2026):** **Minimum/night Temperature** were above normal (1.6 to 3.0°C) over East Rajasthan, Gujarat State, Maharashtra, South Interior Karnataka, Coastal Karnataka, Tamil Nadu, Puducherry & Karaikal, Assam, Nagaland and below normal or near normal over rest parts of the country. **The lowest minimum temperature** of 14.6°C was reported at MANDI (HIMACHAL PRADESH) over the Plains of India.
- **Maximum Temperature Departures (as on 06-05-2026):** Maximum temperatures were **appreciably above normal (3.1°C to 5.0°C)** at a few places over Kerala & Mahe; at isolated places over Assam & Meghalaya; **above normal (1.6°C to 3.0°C)** at many places over Lakshadweep; at a few places over Andaman & Nicobar Islands, Coastal Karnataka; at isolated places over Jammu & Kashmir, Konkan & Goa, Nagaland, Manipur, Mizoram & Tripura, Odisha, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal; **markedly below normal (-5.1°C or less)** at a few places over East Uttar Pradesh, Haryana-Chandigarh-Delhi, Uttarakhand, West Uttar Pradesh; at isolated places over Assam & Meghalaya, Bihar, Chhattisgarh, East Madhya Pradesh, Himachal Pradesh, Jharkhand, Odisha, West Madhya Pradesh; **appreciably below normal (-3.1°C to -5.0°C)** at a few places over East Rajasthan, Punjab; at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh & Yanam, Gangetic West Bengal, Jammu & Kashmir, Sub-Himalayan West Bengal & Sikkim, Telangana, Vidarbha, West Rajasthan; **below normal (-3.0°C to -1.6°C)** at a few places over Rayalaseema; at isolated places over Gujarat Region, Nagaland, Manipur, Mizoram & Tripura, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal and these were near normal over rest parts of the country. **The highest maximum temperature** of 42.9°C was reported at RAJKOT (A) (GUJARAT).

Meteorological Analysis (Based on 0830 hours IST)

- The **Western disturbance** as a cyclonic circulation over northwest Uttar Pradesh and adjoining Uttarakhand between 5.8 and 7.6 km above mean sea level persists.
- The **upper air cyclonic circulation** over central Pakistan & adjoining Punjab and Rajasthan extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over southeast Arabian Sea and adjoining Lakshadweep off south Kerela coast persists and now extends upto 1.5 km above mean sea level.
- The **trough/Wind discontinuity** now runs from cyclonic circulation over southeast Arabian Sea and adjoining Lakshadweep off south Kerela to southwest Madhya Pradesh across Interior Karnataka and Maharashtra at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over Central Parts of South Madhya Pradesh & neighbourhood at 1.5 km above mean sea level.
- The **trough** from central parts of south Madhya Pradesh to Jharkhand across Chhattisgarh at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over central Assam & neighbourhood persists and now extends upto 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over north Haryana & neighbourhood at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over interior Odisha and adjoining Chhattisgarh at 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over east Bihar persists and now seen between 1.5 & 4.5 km above mean sea level.
- A **fresh Western Disturbance** is likely to affect Western Himalayan Region from 10th May, 2026.

Weather Outlook for subsequent 3 days

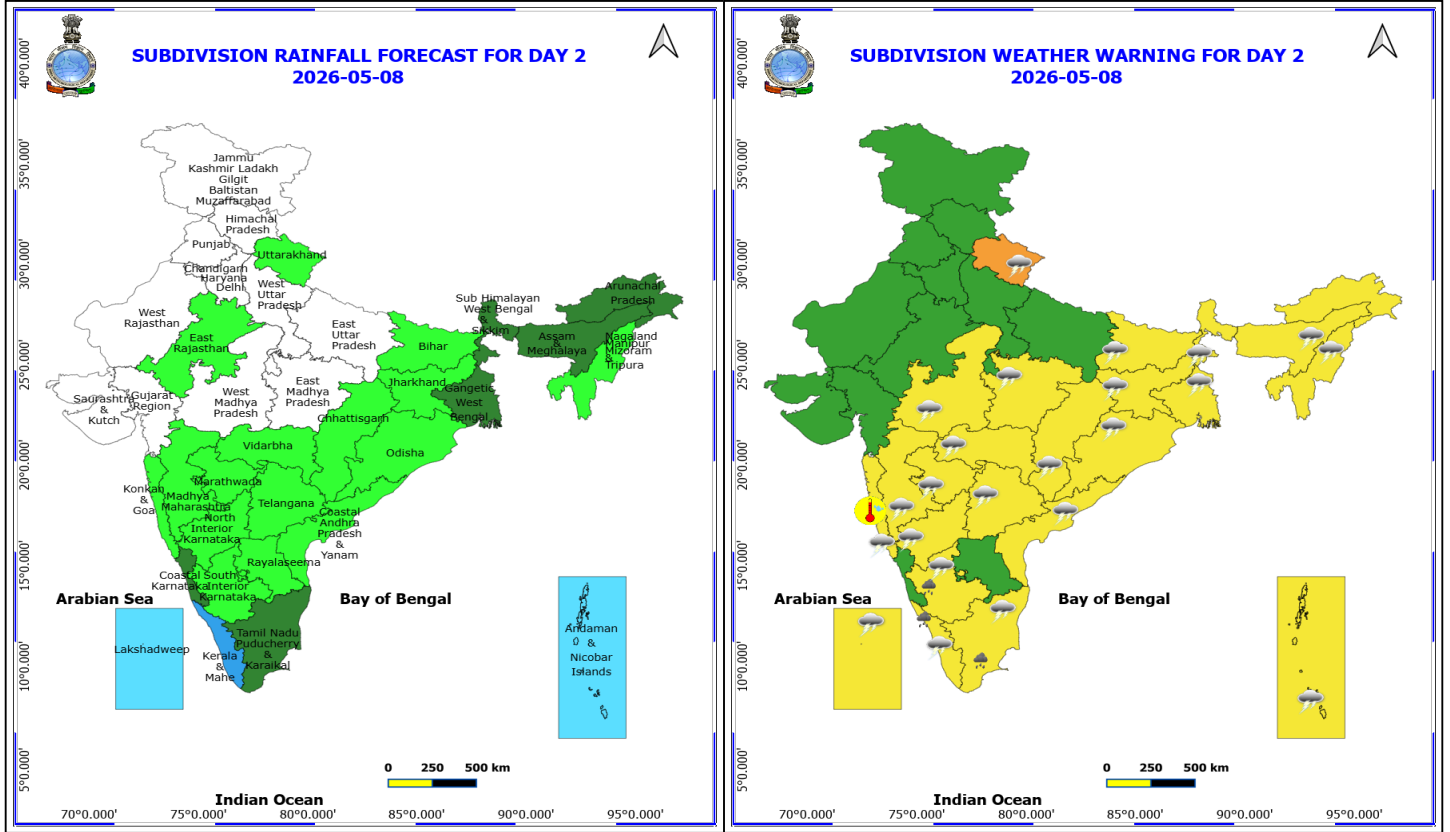
- **Widespread** rainfall activity likely over Northeast India and adjoining East India.
- Isolated to Scattered rainfall activity likely over North India and Southern parts of Peninsular India.



7 May (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Himachal Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Lakshadweep, Madhya Maharashtra, Madhya Pradesh, Marathwada, Nagaland, Manipur, Mizoram and Tripura, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh, Uttarakhand and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, East Rajasthan, Haryana, Chandigarh & Delhi, Punjab and Rayalaseema.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

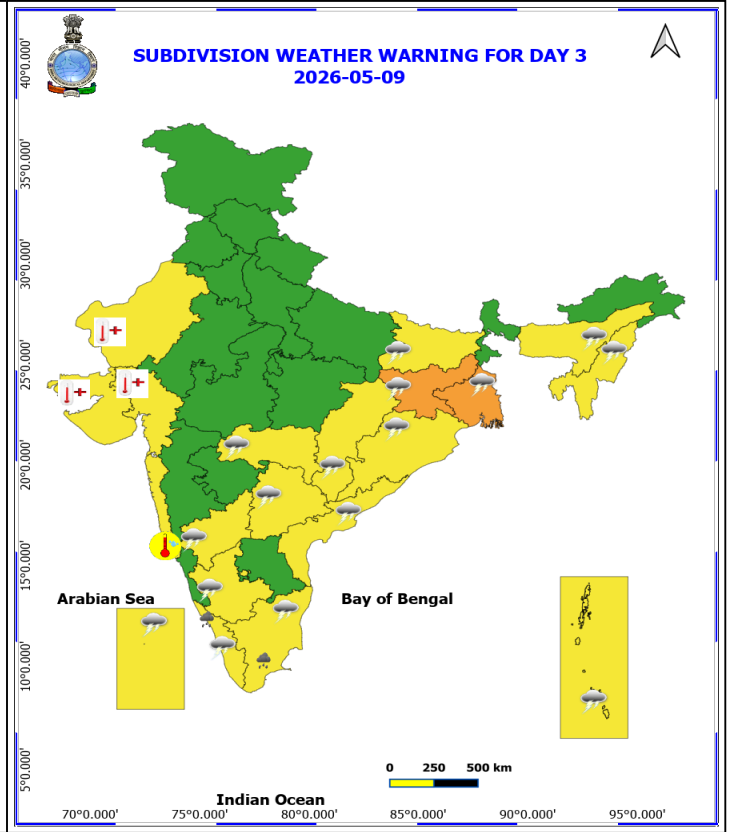
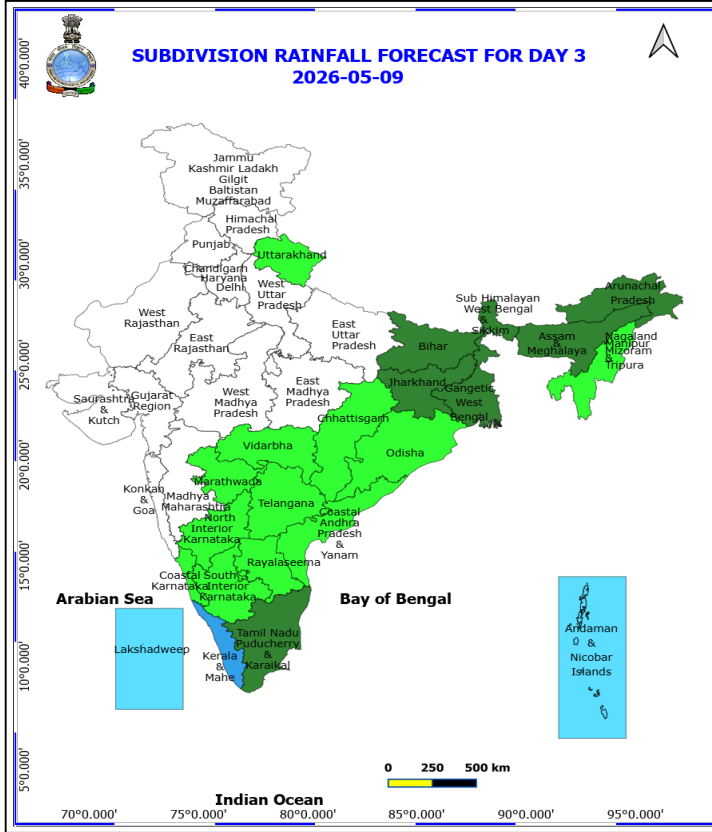
No Fishermen Warning



8 May (Day 2)

- ❖ **Heavy Rainfall** very likely at isolated places over Kerala & Mahe, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Interior Karnataka, Jharkhand, Kerala & Mahe, Konkan & Goa, Lakshadweep, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, East Rajasthan, Rayalaseema and Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

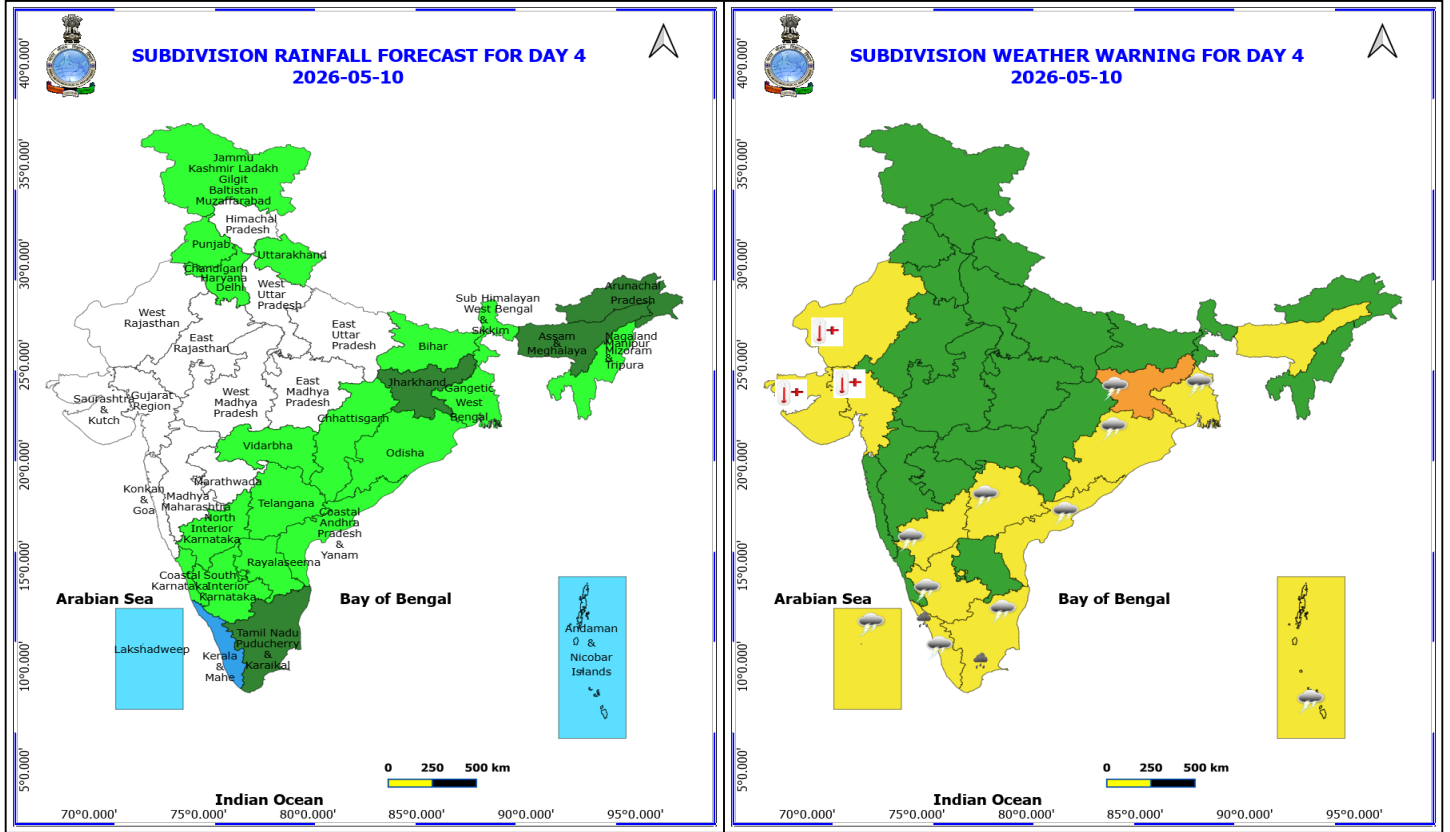
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9 May (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Gangetic West Bengal and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Andaman & Nicobar Islands, Assam & Meghalaya, Bihar, Chhattisgarh, Coastal Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep, Nagaland, Manipur, Mizoram and Tripura, Odisha, Tamil Nadu Puducherry & Karaikal, Telangana and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Karnataka, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heat Wave conditions** very likely at isolated places over Gujarat State and West Rajasthan.
- ❖ **Hot and Humid weather** very likely at isolated places over Konkan & Goa.

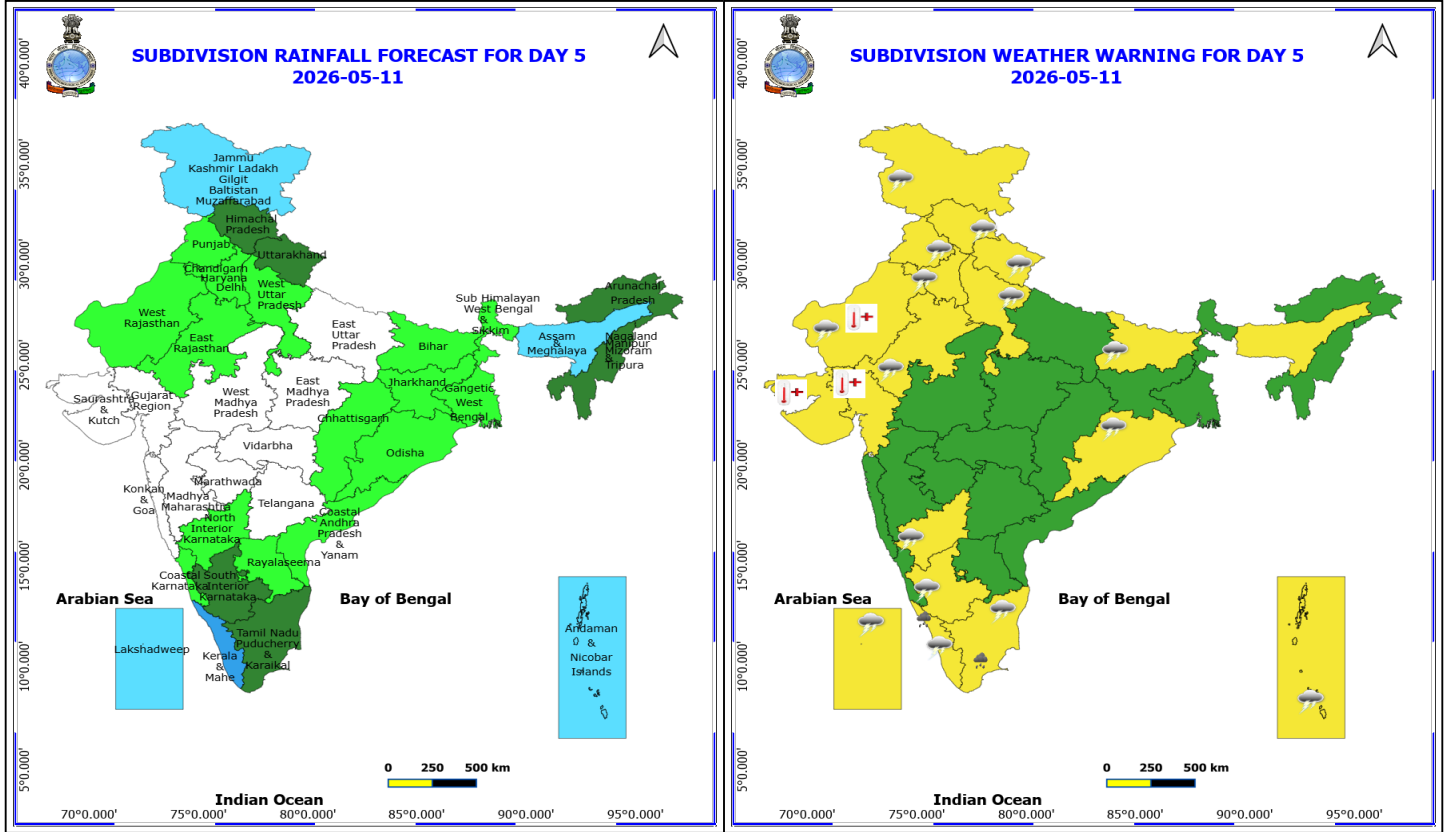
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10 May (Day 4)

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Coastal Andhra Pradesh, Gangetic West Bengal, Interior Karnataka, Kerala & Mahe, Lakshadweep, Odisha, Tamil Nadu Puducherry & Karaikal and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Rayalaseema.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya and Coastal Karnataka.
- ❖ **Heat Wave conditions** likely at isolated places over Gujarat State and West Rajasthan.

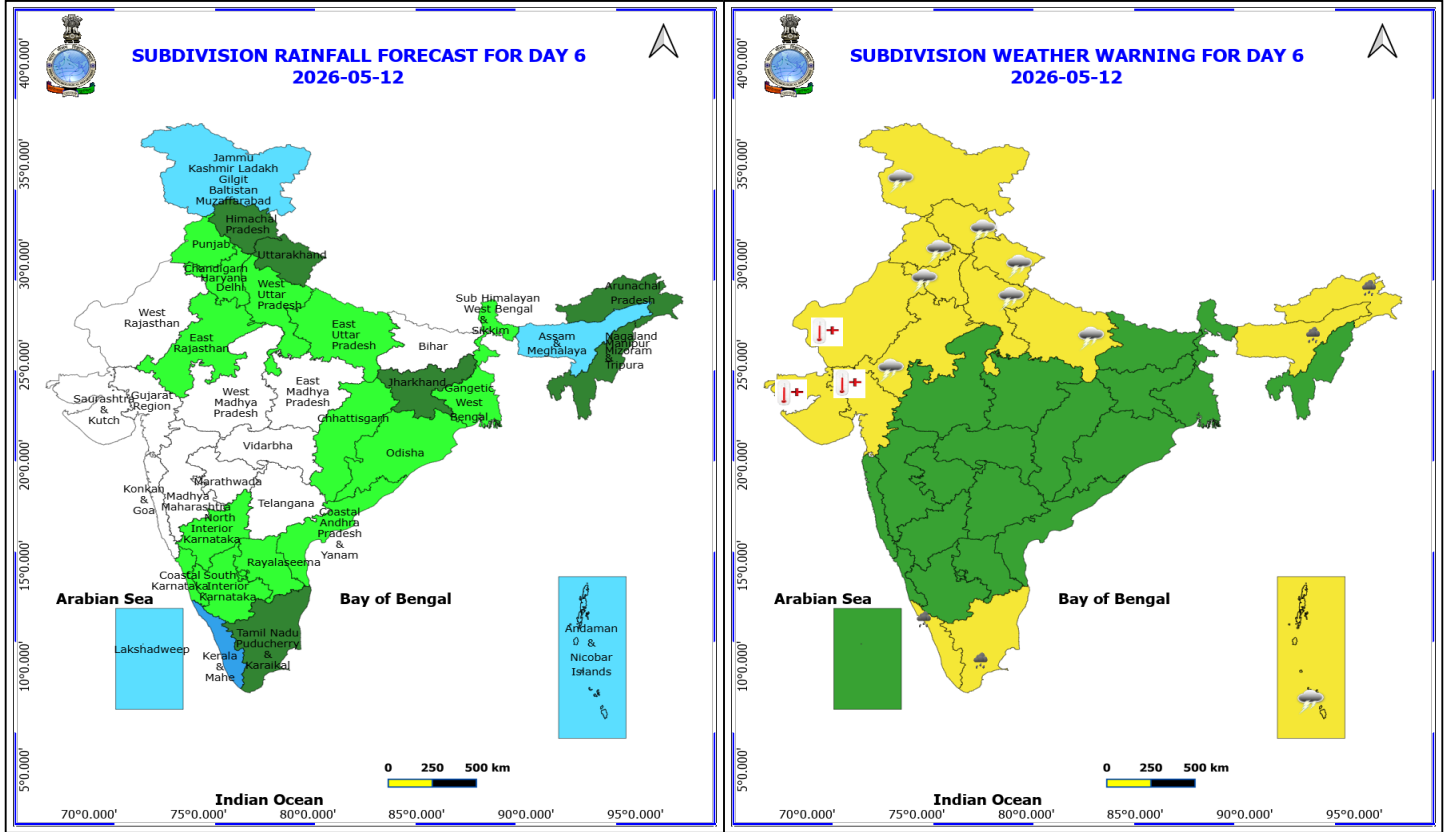
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11 May (Day 5)

- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Interior Karnataka, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Lakshadweep, Odisha, Punjab, Rajasthan, Tamil Nadu Puducherry & Karaikal, Uttarakhand and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jharkhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Assam & Meghalaya and Coastal Karnataka.
- ❖ **Heat Wave conditions** likely at isolated places over Gujarat State and West Rajasthan.

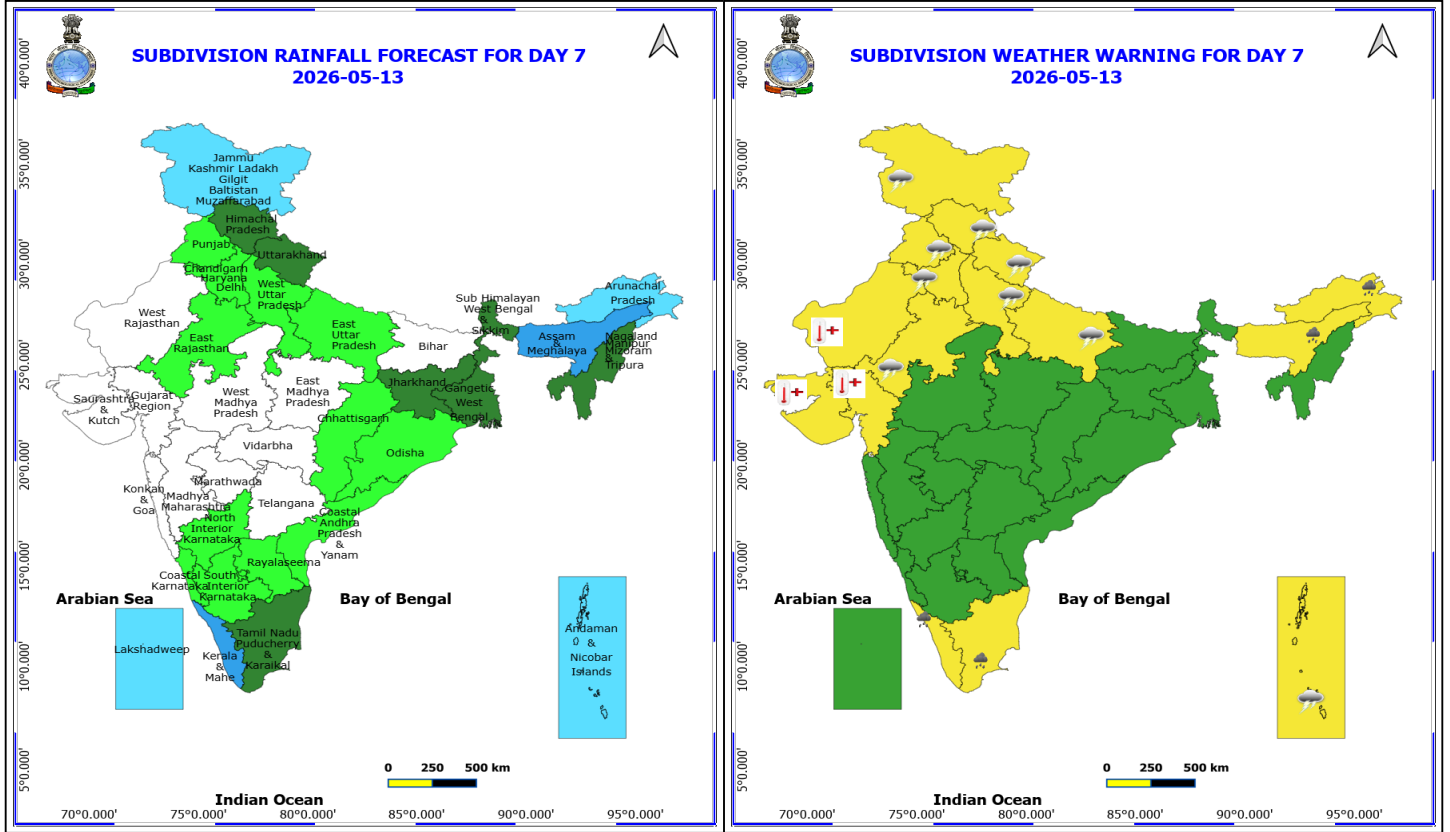
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12 May (Day 6)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Jharkhand.
- ❖ **Heat Wave conditions** likely at isolated places over Gujarat State and West Rajasthan.

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13 May (Day 7)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Kerala & Mahe and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andaman & Nicobar Islands, East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Punjab, Uttar Pradesh and Uttarakhand.
- ❖ **Heat Wave conditions** likely at isolated places over Gujarat State and West Rajasthan.

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Table-1

7 Days Rainfall Forecast

S.No.	Subdivision	7- May	8- May	9- May	10- May	11- May	12- May	13- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	FWS	FWS	FWS	FWS	FWS
2	ARUNACHAL PRADESH	FWS	SCT	SCT	SCT	SCT	SCT	FWS
3	ASSAM & MEHGHALAYA	SCT	SCT	SCT	SCT	FWS	FWS	WS
4	N. M. M. & T.	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
5	S.H. WEST BENGAL & SIKKIM	FWS	SCT	SCT	ISOL	ISOL	ISOL	SCT
6	GANGETIC WEST BENGAL	FWS	SCT	SCT	ISOL	ISOL	ISOL	SCT
7	ODISHA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
8	JHARKHAND	ISOL	ISOL	SCT	SCT	ISOL	SCT	SCT
9	BIHAR	ISOL	ISOL	SCT	ISOL	ISOL	DRY	DRY
10	EAST UTTAR PRADESH	ISOL	DRY	DRY	DRY	DRY	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	DRY	DRY	DRY	ISOL	ISOL	ISOL
12	UTTARAKHAND	SCT	ISOL	ISOL	ISOL	SCT	SCT	SCT
13	HARYANA, CHD & DELHI	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
14	PUNJAB	ISOL	DRY	DRY	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	DRY	DRY	DRY	SCT	SCT	SCT
16	JAMMU AND KASHMIR AND LADAKH	DRY	DRY	DRY	ISOL	FWS	FWS	FWS
17	WEST RAJASTHAN	DRY	DRY	DRY	DRY	ISOL	DRY	DRY
18	EAST RAJASTHAN	DRY	ISOL	DRY	DRY	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
20	EAST MADHYA PRADESH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
21	GUJRAT REGION	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	ISOL	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	ISOL	DRY	DRY	DRY	DRY	DRY
25	MARATHWADA	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
26	VIDARBHA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
27	CHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	DRY	DRY	DRY
30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	SCT	SCT	SCT
32	COSTAL KARNATAKA	SCT	SCT	ISOL	ISOL	ISOL	ISOL	ISOL
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	SCT	ISOL	ISOL	ISOL	SCT	ISOL	ISOL
35	KERALA	FWS	WS	WS	WS	WS	WS	WS
36	LAKSHDWEEP	FWS	FWS	FWS	FWS	FWS	FWS	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 2026-05-06

Fig. 2: Departure of Maximum Temp. Dated 2026-05-06

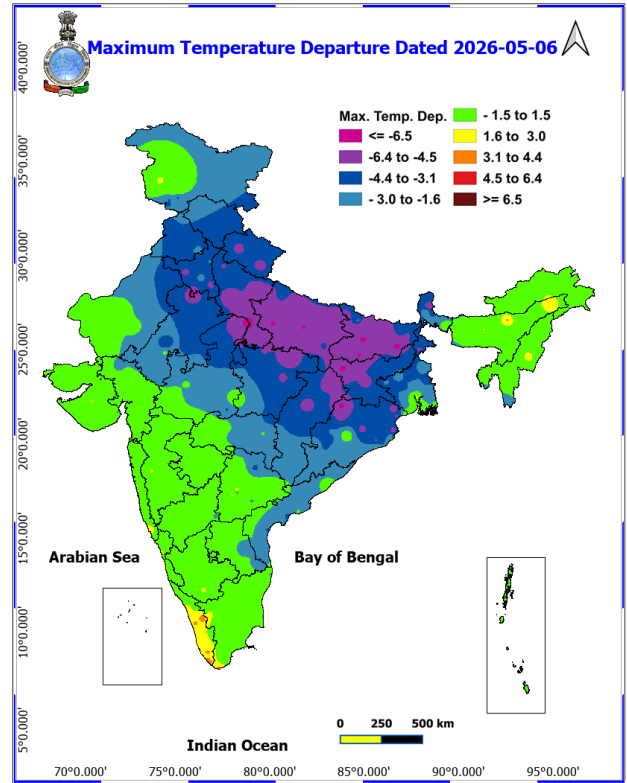
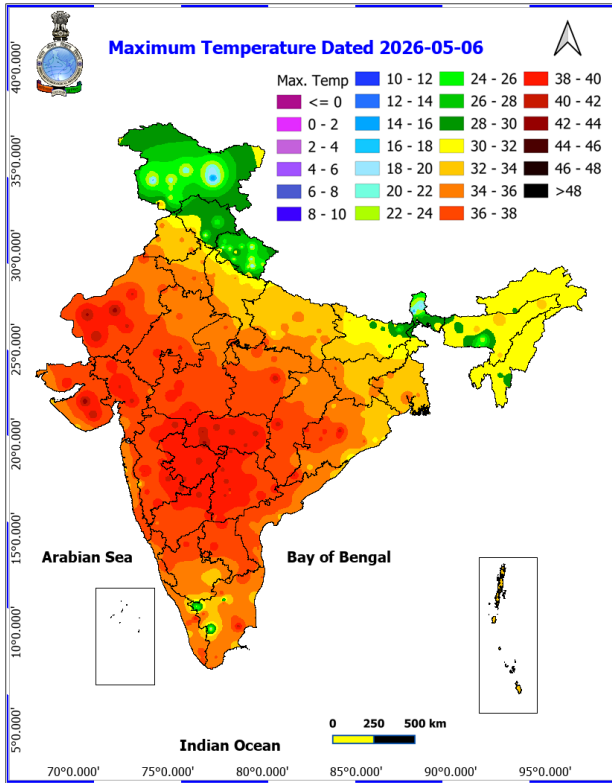
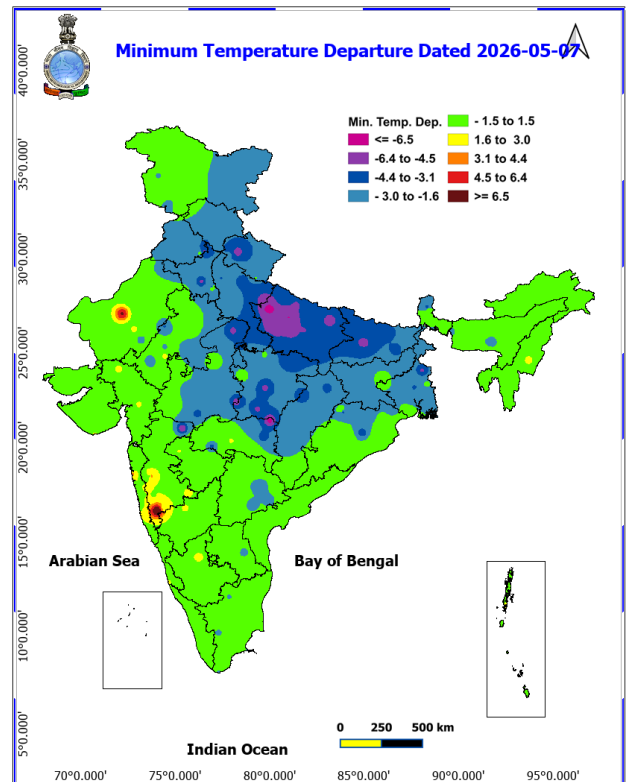
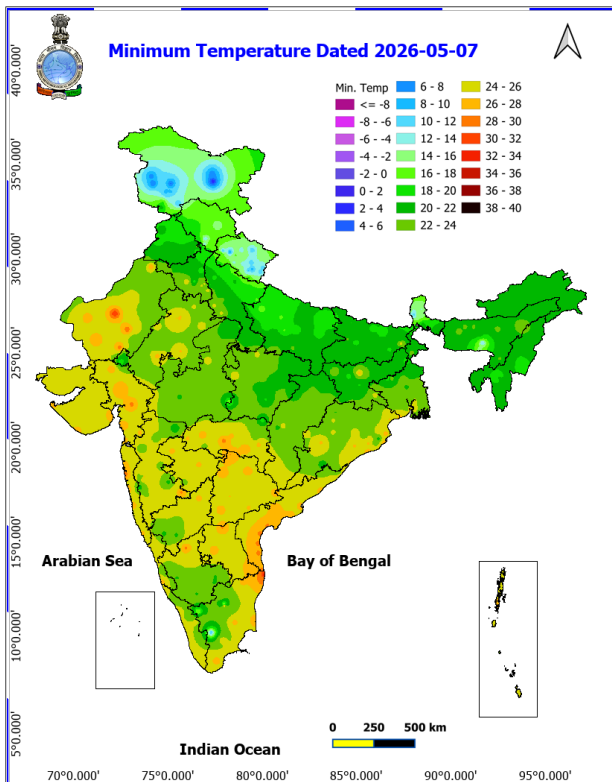
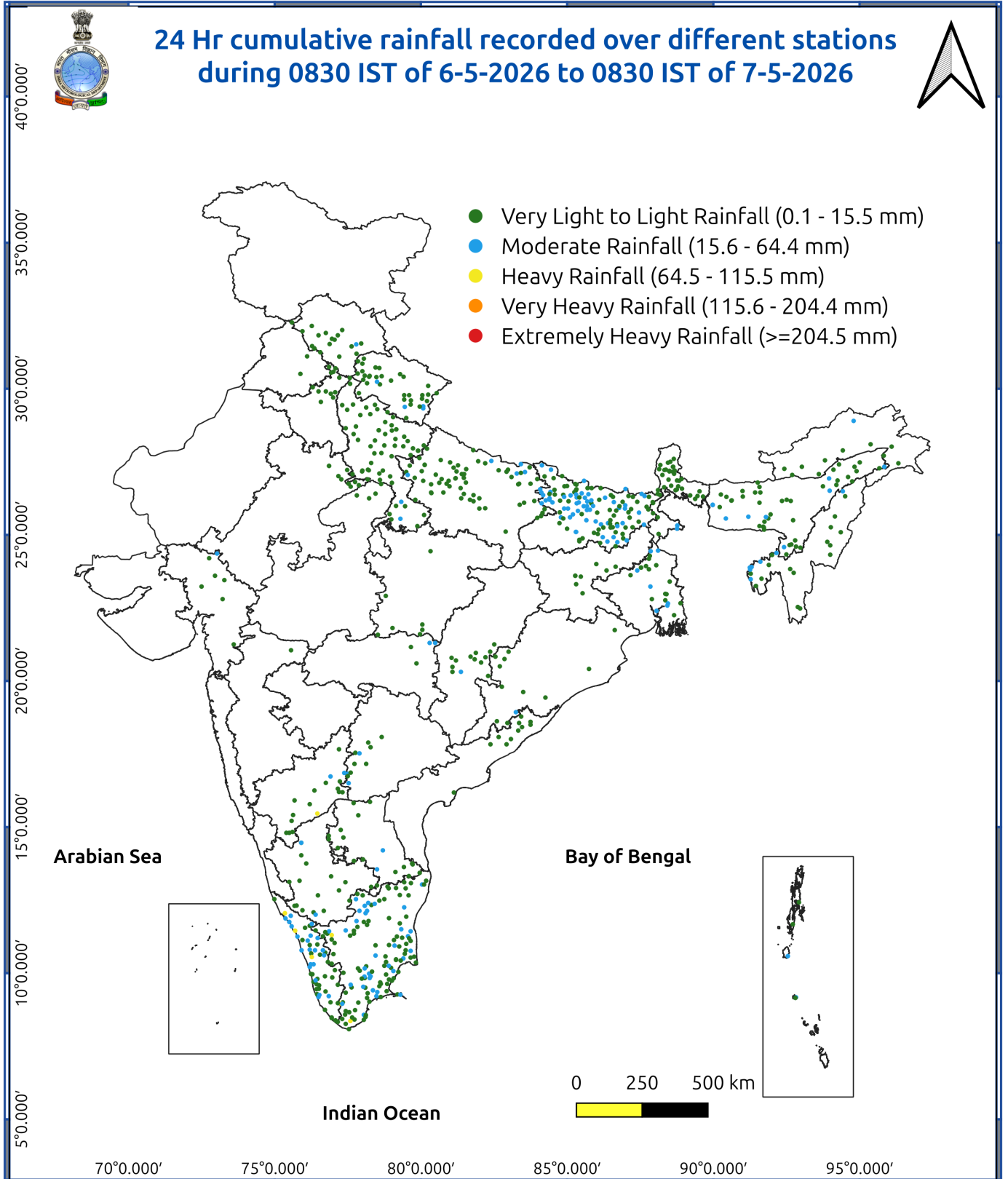


Fig. 3: Minimum Temperatures Dated 2026-05-07

Fig. 4: Departure of Minimum Temp. Dated 2026-05-07





Impact and Actions

Impact & suggested due to heavy rainfall

- **Isolated heavy rainfall** likely over Arunachal Pradesh on 07th, 12th & 13th and Assam & Meghalaya on 12th & 13th; over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 7 days; South Interior Karnataka on 07th & 08th May.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas.
- 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.

Impact expected and action suggested due to

- **Thunderstorm with gusty winds/ Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Northeast, Central India during 07th -09th; Northwest India during 11th -13th and East and South Peninsular India during next 5 days.

Impact expected:

- Breaking of tree branches, uprooting of large avenue trees. Large dead limbs blown from trees. Damage to Standing crops.
- Minor to Major damage to banana and papaya trees.
- Minor to major damage to power and communication lines due to breaking of branches.
- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

Action suggested:

- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

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Agromet advisories for various parts of the country

Agromet advisories for likely impact of Heavy Rainfall

In **Arunachal Pradesh**, ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards. Keep the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places.

In **Kerala**, provide adequate drainage for banana, coconut, and other vegetables. Provide support to banana plants.

In **Tamil Nadu**, maintain proper drainage to prevent water stagnation in blackgram, green gram, sugarcane, and vegetable plantations.

Agromet advisories for likely impact of High temperatures/ Heat Waves

In **Gujarat**, apply light and frequent irrigation to cluster bean and vegetables like cucumber, ridge gourd, bottle gourd, sponge gourd, bitter gourd etc. during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.

In **Rajasthan**, provide light irrigation to maintain adequate moisture in standing crops such as *Zaid* moong, American cotton & *Desi* cotton, okra, watermelon, muskmelon, tinda, cucumber & long melon.

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.

Livestock / Poultry / Fisheries

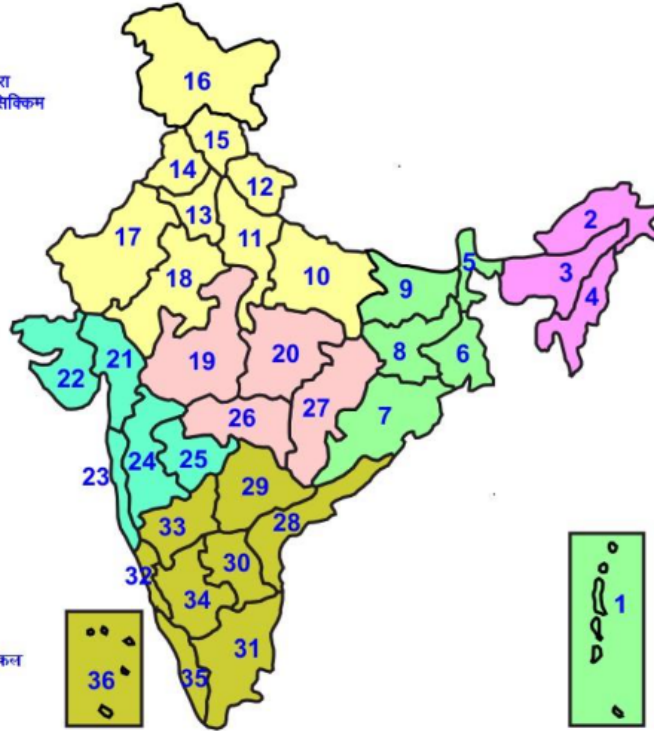
Keep the animals inside the shed during hailstorms/ heavy rainfall and provide them with balanced feed.

Store feed and fodder in a safe place to prevent spoilage.

Construct an outlet with proper netting around the ponds to drain excess water, thereby preventing fish from escaping in the event of overflow.

LEGENDS

- 1 अंडमान और निकोबार द्वीप समुह
- 2 अरुणाचल प्रदेश
- 3 असम और मेघालय
- 4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
- 5 उप हिमालय पश्चिम बंगाल एवं सिक्किम
- 6 पश्चिम बंगाल
- 7 ओडिसा
- 8 झारखंड
- 9 बिहार
- 10 पूर्वी उत्तर प्रदेश
- 11 पश्चिम उत्तर प्रदेश
- 12 उत्तराखंड
- 13 हरियाणा 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 | | | |

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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)

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