

**ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN**

**Significant Weather Features**

**WEATHER FORECAST AND WARNING:**

**Northwest India:**

- **Isolated to Scattered** light to moderate rainfall with thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph) likely over East Uttar Pradesh and Rajasthan on 01<sup>st</sup> April.
- 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 gusting to 60 kmph) likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh on 03<sup>rd</sup> & 04<sup>th</sup> & 07<sup>th</sup> April; Uttarakhand during 03<sup>rd</sup> -05<sup>th</sup> April; **Isolated to scattered** light to moderate rainfall with isolated thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph reaching 60 kmph) likely over Punjab, Haryana Chandigarh & Delhi on 03<sup>rd</sup> & 04<sup>th</sup>, West Uttar Pradesh during 03<sup>rd</sup> - 05<sup>th</sup> April; East Uttar Pradesh on 04<sup>th</sup> & 05<sup>th</sup> April; East Rajasthan during 03<sup>rd</sup>, 04<sup>th</sup> & on 06<sup>th</sup> & 07<sup>th</sup>; West Rajasthan during 02<sup>nd</sup> -04<sup>th</sup> and 06<sup>th</sup> & 07<sup>th</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) with isolated hailstorm activity** likely over West Uttar Pradesh on 04<sup>th</sup> & 05<sup>th</sup> and East Uttar Pradesh on 05<sup>th</sup> April.
- **Isolated hailstorm activity** also likely over Jammu-Kashmir on 03<sup>rd</sup> and Himachal Pradesh on 03<sup>rd</sup> & 04<sup>th</sup>, Uttarakhand on 04<sup>th</sup>, Punjab and Haryana Chandigarh & Delhi on 03<sup>rd</sup> & 04<sup>th</sup>, West Uttar Pradesh on 04<sup>th</sup> & 05<sup>th</sup>, East Uttar Pradesh on 5<sup>th</sup>, West Rajasthan on 03<sup>rd</sup>, East Rajasthan on 04<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 03<sup>rd</sup> April.

**Northeast India:**

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph) likely over Arunachal Pradesh on 01<sup>st</sup>, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 01<sup>st</sup> & 02<sup>nd</sup> April with lightning over Arunachal Pradesh on 04<sup>th</sup> & 05<sup>th</sup>, Assam & Meghalaya during 03<sup>rd</sup> – 05<sup>th</sup> and Nagaland, Manipur, Mizoram & Tripura on 03<sup>rd</sup> April.
- **Isolated heavy rainfall** likely over Arunachal Pradesh on 01<sup>st</sup>, 02<sup>nd</sup> and during 05<sup>th</sup> - 07<sup>th</sup> April; Assam & Meghalaya on 01<sup>st</sup> April.

**East India:**

- **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds** (speed reaching 40-50 kmph gusting to 60 kmph) likely over Andaman & Nicobar Islands on 01<sup>st</sup>, Sub-Himalayan West Bengal & Sikkim on 01<sup>st</sup> & 05<sup>th</sup>, Gangetic West Bengal on 05<sup>th</sup>; Bihar on 01<sup>st</sup>, 05<sup>th</sup> & 06<sup>th</sup>, Jharkhand on 01<sup>st</sup>, 04<sup>th</sup> & 05<sup>th</sup>, Odisha during 01<sup>st</sup> – 05<sup>th</sup>.
- **Isolated heavy rainfall** likely over Sikkim on 01<sup>st</sup> April.

**Central India:**

- **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-50 kmph) likely over Central India during next 5 days.
- **Isolated Hailstorm activity** likely over Madhya Pradesh during 01<sup>st</sup> -03<sup>rd</sup>, Vidarbha on 01<sup>st</sup> & 02<sup>nd</sup> April.

**West India:**

- **Isolated to scattered** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-50 gusting to 60 kmph) likely over Madhya Maharashtra, Marathawada and Gujarat State during 01<sup>st</sup> -04<sup>th</sup> April with lightning over coastal Maharashtra on 02<sup>nd</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Madhya Maharashtra on 02<sup>nd</sup> & 03<sup>rd</sup> and Marathawada on 02<sup>nd</sup> & 03<sup>rd</sup> April.
- **Isolated hailstorm activity** likely over Madhya Maharashtra during 01<sup>st</sup> – 03<sup>rd</sup> and Marathawada on 03<sup>rd</sup> April.

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**South Peninsular India:**

- **Isolated** light to moderate rainfall **with thunderstorm, lightning & gusty winds** (speed reaching 30-50 gusting to 60 kmph) likely over Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka during next 5 days and Kerala & Mahe during 03<sup>rd</sup> – 5<sup>th</sup>, Rayalaseema on 04<sup>th</sup> & 05<sup>th</sup> April; with **lightning** over Kerala & Mahe on 01<sup>st</sup> & 02<sup>nd</sup> and Tamil Nadu, Puducherry & Karaikal during 03<sup>rd</sup>- 05<sup>th</sup>; Coastal Karnataka during 01<sup>st</sup> – 03<sup>rd</sup> April.
- **Isolated hailstorm activity** likely over North Interior Karnataka on 04<sup>th</sup> & 05<sup>th</sup> and South Interior Karnataka on 05<sup>th</sup> April.

**Hot & Humid weather Warnings:**

- **Hot & humid conditions** very likely to prevail in isolated pockets over Kerala & Mahe on 01<sup>st</sup> & 02<sup>nd</sup>; Gangetic West Bengal & Jharkhand during 02<sup>nd</sup>-04<sup>th</sup>; Odisha during 01<sup>st</sup>-04<sup>th</sup> April

**Forecast of maximum/day temperatures:**

- Gradual rise in maximum temperatures by 2-4°C likely over Northwest India till 02<sup>nd</sup> April and then, gradual fall by 2-4°C on 03<sup>rd</sup> & 04<sup>th</sup> April and no significant change thereafter during 05<sup>th</sup> – 07<sup>th</sup>. However, it will remain normal to below normal till 06<sup>th</sup> April, 2026.
- Rise in maximum temperatures by 2-3°C likely over Central India on 01<sup>st</sup> April; gradual fall by 2-3 °C during 02<sup>nd</sup> – 04<sup>th</sup> and no significant change during 05<sup>th</sup>-07<sup>th</sup> April.
- Gradual rise in maximum temperatures by 4-6°C likely over East India till 04<sup>th</sup> April and gradual fall by 2-3°C during 05<sup>th</sup>-07<sup>th</sup> April.
- No significant change in maximum temperatures likely over Northeast India till 02<sup>nd</sup> April, gradual rise by 3-4°C during 03<sup>rd</sup> – 05<sup>th</sup>; no significant change in maximum temperatures on 06<sup>th</sup> & 07<sup>th</sup> April.
- Rise in maximum temperatures by 2-3°C likely over Maharashtra on 01<sup>st</sup> April; gradual fall by 2-4°C during 02<sup>nd</sup> – 07<sup>th</sup> April.
- No significant change in maximum temperatures likely over Gujarat State on 01<sup>st</sup> April, gradual fall by 2-3°C on 02<sup>nd</sup> April; no significant change in maximum temperatures during 03<sup>rd</sup> - 07<sup>th</sup> April.
- No significant change in maximum temperatures likely over rest parts of the country.

### Main Weather Observations:

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at many places** over Andaman & Nicobar Islands and Haryana-Chandigarh-Delhi; **at a few places** over Gangetic West Bengal, Punjab, Himachal Pradesh, Coastal Karnataka and South Interior Karnataka; **at isolated places** over Sub Himalayan West Bengal & Sikkim, Bihar, Uttarakhand, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, West Rajasthan, East Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, North Interior Karnataka and Kerala & Mahe; **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:** Mangan (dist Mangan) 11; Singhik (dist Mangan) 8; Shipgyar (dist Mangan) 7; Cooch Behar (dist Cooch Behar) 6; **South Interior Karnataka:** Shivamogga PTO (dist Shivamogga) 7; Navile AWS (dist Shivamogga) 6; **North Interior Karnataka:** Kalghatgi (dist Dharwad) 4.

❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over Sub Himalayan West Bengal & Sikkim and South Interior Karnataka.

- **Hailstorm activity** reported at isolated places over Himachal Pradesh, Punjab, Haryana, Uttar Pradesh, East Rajasthan, West Madhya Pradesh, Jharkhand.

❖ **Minimum Temperature Departures (as on 01-04-2026):** **appreciably above normal (3.1? to 5.0?)** over Bihar, East Madhya Pradesh; **above normal (1.6? to 3.0?)** over Himachal Pradesh, Uttar Pradesh, West Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Assam & Meghalaya; **below normal (-3.0? to -1.6?)** over Saurashtra & Kutch, Delhi, Telangana, Tamil Nadu, Puducherry & Karaikal and near normal over rest parts of the country. **The lowest minimum temperature** of 14.6°C was observed at Amritsar (Punjab) over the plains of India .

❖ **Maximum Temperature Departures (as on 31-03-2026):** **appreciably above normal(3.1°C to 5.0°C)** at few places over Arunachal Pradesh; at isolated places over Assam & Meghalaya, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand and Punjab. **above normal(1.6°C to 3.0°C)** at few places over Haryana-Chandigarh-Delhi, East Madhya Pradesh, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Lakshadweep; at isolated places over Jharkhand, Bihar, Himachal Pradesh, West Rajasthan, Saurashtra & Kutch, Telangana and Tamil Nadu, Puducherry & Karaikal. **near normal(-1.5°C to 1.5°C)** at many places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, East Rajasthan and Rayalaseema; at most places over Andaman & Nicobar Islands, West Madhya Pradesh, Coastal Karnataka and South Interior Karnataka; at few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Gujarat Region, Vidarbha, Chhattisgarh and North Interior Karnataka; at isolated places over Gangetic West Bengal, Madhya Maharashtra and Marathwada. **The highest maximum temperature** of 40.3°C was reported at HOSHANGABAD (**Narmadapuram**) (MADHYA PRADESH).

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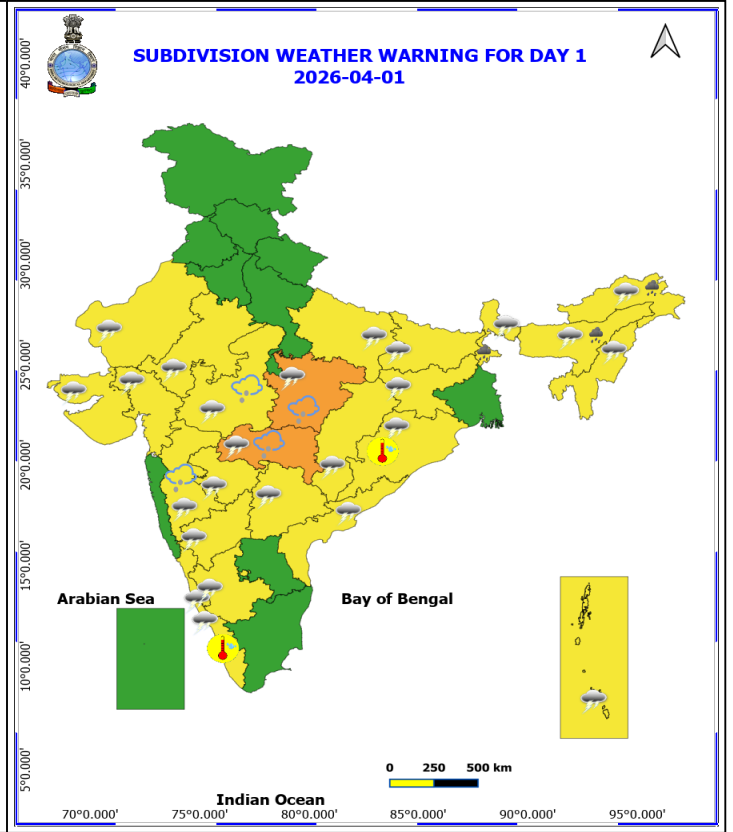
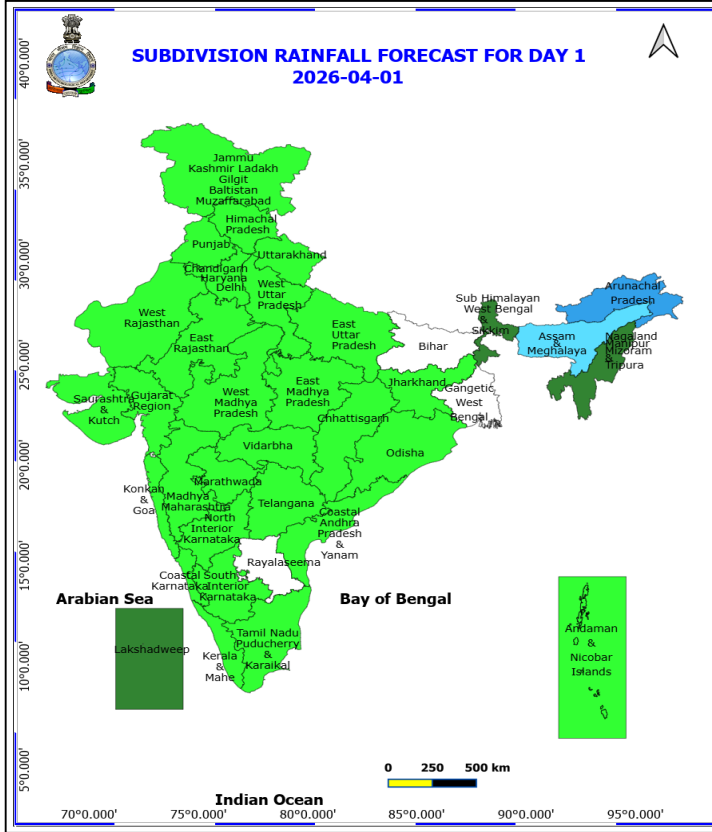
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### Meteorological Analysis (Based on 0830 hours IST)

- A fresh **Western Disturbance seen as a cyclonic circulation** over East Iran & neighbourhood at 3.1 km above mean sea level with the trough aloft in middle level tropical westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 50°E to the north of Lat. 40°N to Long. 58°E to the north of Lat. 28°N
- An **upper air cyclonic circulation** lies over southeast Pakistan & adjoining Kutch at 1.5 above mean sea level.
- An **upper air cyclonic circulation** lies over southeast Madhya Pradesh & neighbourhood at 1.5 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persists.
- The **upper air cyclonic circulation** over East Bihar & neighbourhood at 0.9 km above mean sea level persists.
- A **trough** runs from East Bihar to North Madhya Maharashtra across Jharkhand, North Chhattisgarh and Madhya Pradesh at 0.9 km above mean sea level.
- A **trough** runs from interior Tamil Nadu to North Interior Karnataka at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood now lies over central Assam upto 1.5 km above mean sea level.
- **Subtropical westerly Jet Stream** with core winds of the order of 100 knots at 12.6 km above mean sea level prevails over Northeast India.
- A fresh **Western Disturbance** is likely to affect Northwest India from 07<sup>th</sup> April, 2026.
- The **Western Disturbance** as a trough in middle tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 80°E to the north of Lat. 28°N has been moved away.
- The **East-West trough** from **upper air cyclonic circulation** over East Bihar to Manipur across south Sub-Himalayan West Bengal, north Bangladesh, Meghalaya and southeast Assam at 0.9 above mean sea level has been less marked.
- The **trough/Wind discontinuity** from **upper air cyclonic circulation** over East Bihar to south Tamil Nadu across east Madhya Pradesh, Vidarbha, Marathwada, Interior Karnataka at 0.9 km above mean sea level has been less marked.
- The **upper air cyclonic circulation** over Coastal Andhra Pradesh & adjoining Telangana at 0.9 km above mean sea level has been less marked.
- The **upper air cyclonic circulation** over Southeast Arabian Sea off Kerala coast at 0.9 km above mean sea level has been less marked.

### Weather Outlook for subsequent 3 days

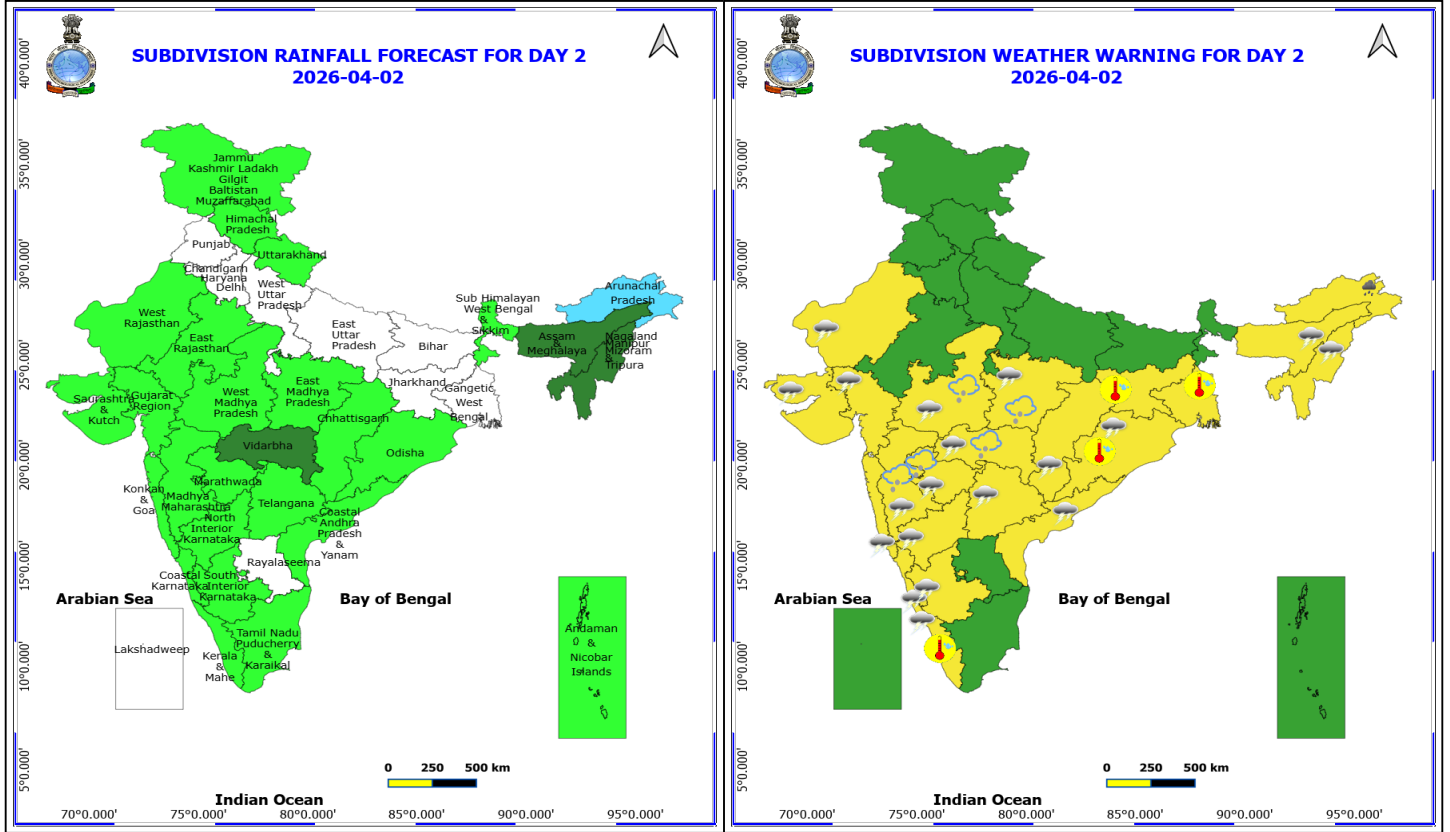
- Widespread rainfall activity likely over Northeast India, Jammu & Kashmir adjoining Punjab, Himachal Pradesh, Tamil Nadu and isolated rainfall activity over Uttarakhand & adjoining plains of western himalayan region, Central India, Odisha & adjoining Coastal Andhra Pradesh.



### 1 April (Day 1)

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Madhya Maharashtra, Madhya Pradesh and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Bihar, Madhya Pradesh, Maharashtra and Telangana.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Chhattisgarh, Coastal Andhra Pradesh, East Uttar Pradesh, Gujarat State, Jharkhand, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Karnataka and Kerala & Mahe.
- ❖ **Hot and Humid weather** very likely at isolated places over Kerala & Mahe and Odisha.

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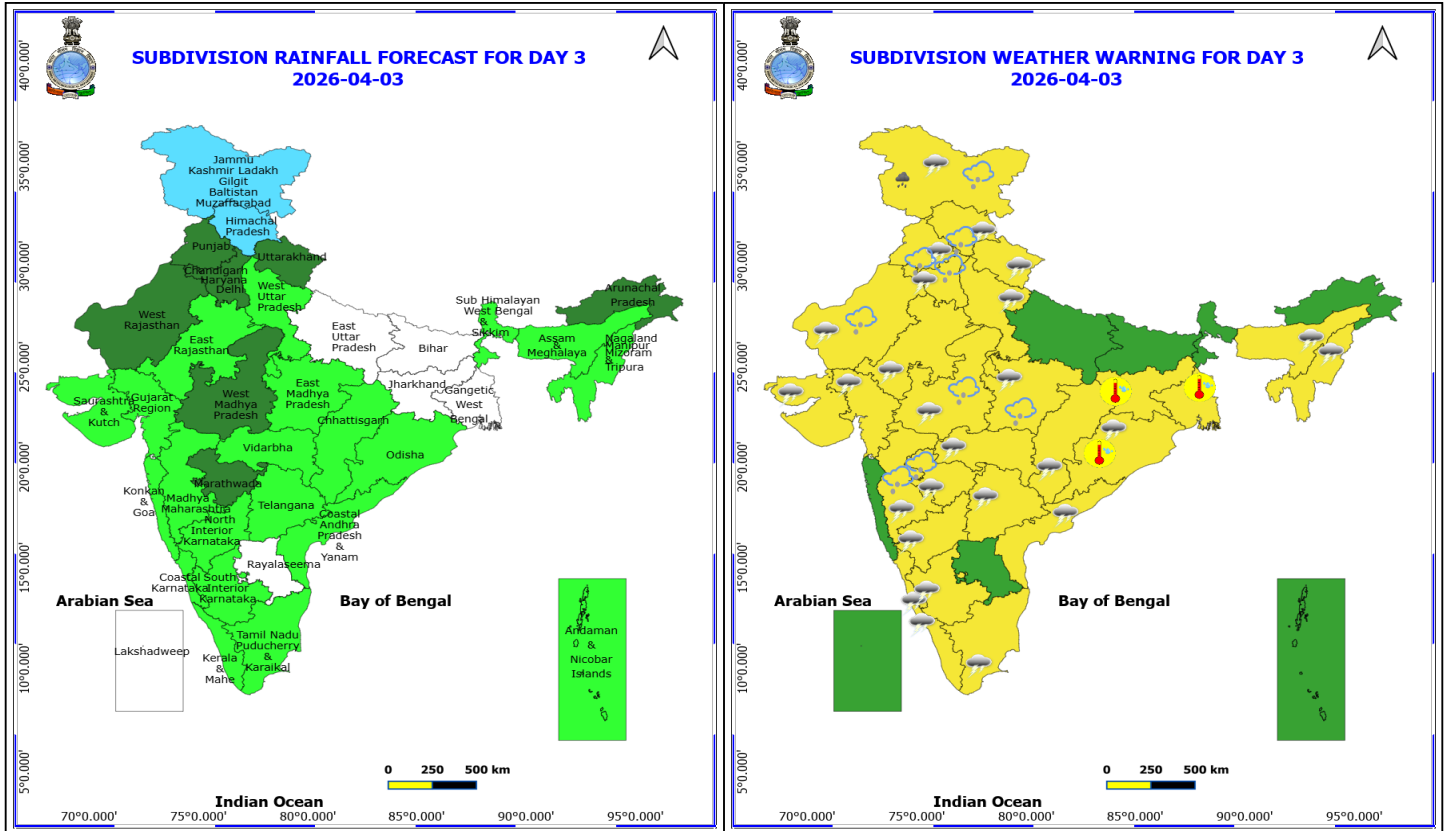


**2 April (Day 2)**

- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Madhya Pradesh and Maharashtra.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Madhya Maharashtra and Marathwada.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Chhattisgarh, Coastal Andhra Pradesh, Gujarat State, Odisha, Telangana and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Karnataka, Kerala & Mahe and Konkan & Goa.
- ❖ **Hot and Humid weather** very likely at isolated places over Gangetic West Bengal, Jharkhand, Kerala & Mahe and Odisha.

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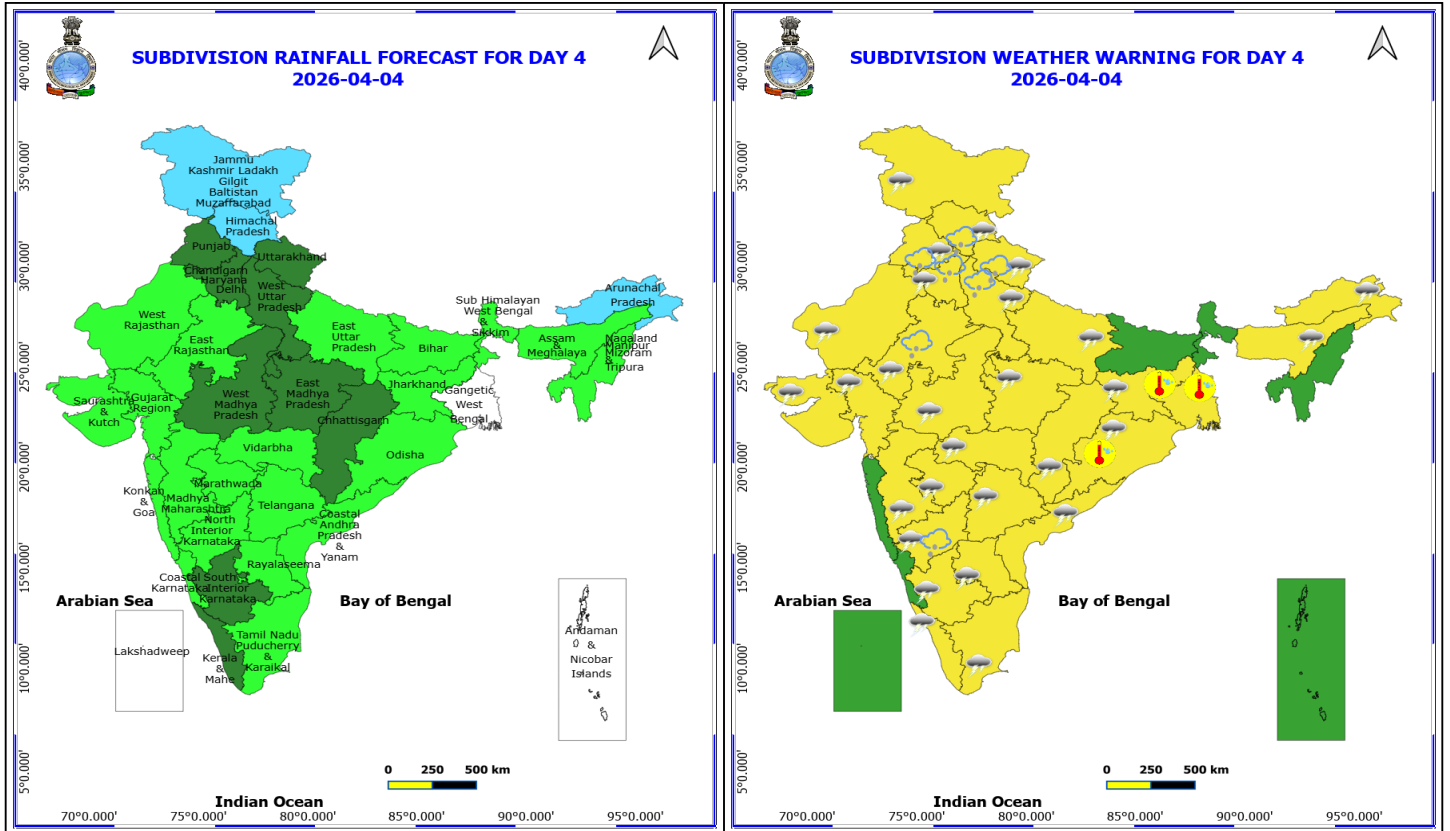
### 3 April (Day 3)

- ❖ **Heavy Rainfall** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Madhya Pradesh, Marathwada, Punjab and West Rajasthan.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Himachal Pradesh, Madhya Maharashtra and Marathwada.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka, Punjab, Rajasthan, Uttarakhand and Vidarbha.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Coastal Andhra Pradesh, Gujarat State, Odisha, South Interior Karnataka, Telangana and West Uttar Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Assam & Meghalaya, Coastal Karnataka, Nagaland, Manipur, Mizoram and Tripura and Tamil Nadu Puducherry & Karaikal.
- ❖ **Hot and Humid weather** very likely at isolated places over Gangetic West Bengal, Jharkhand and Odisha.

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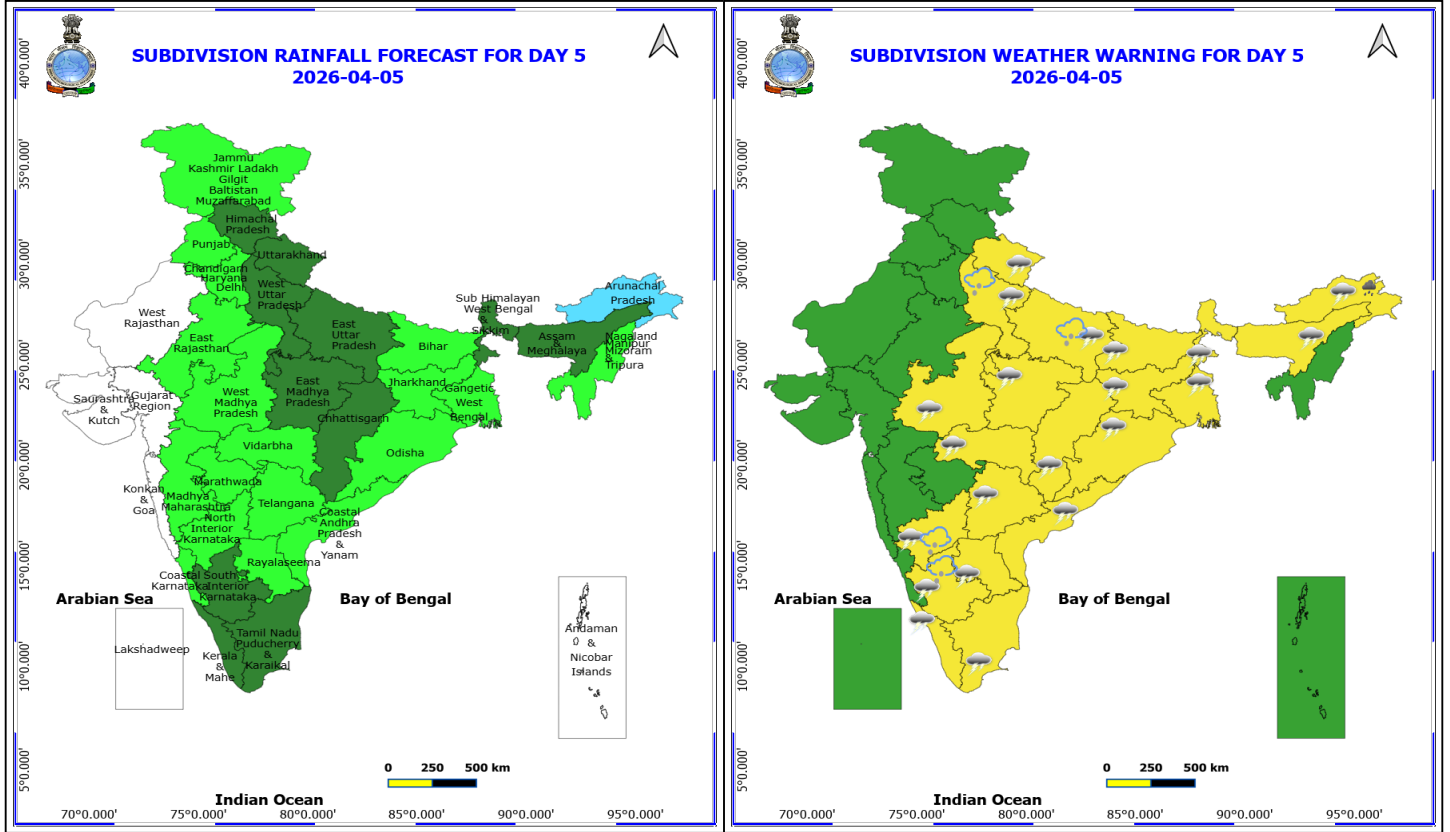
**4 April (Day 4)**

- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over East Rajasthan, Haryana, Chandigarh & Delhi, Himachal Pradesh, North Interior Karnataka, Punjab, Uttarakhand and West Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Himachal Pradesh and Marathwada.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Chhattisgarh, East Rajasthan, Haryana, Chandigarh & Delhi, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Madhya Maharashtra, Madhya Pradesh, North Interior Karnataka, Punjab and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, East Uttar Pradesh, Gujarat State, Odisha, South Interior Karnataka, Telangana, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Tamil Nadu Puducherry & Karaikal and West Uttar Pradesh.
- ❖ **Hot and Humid weather** likely at isolated places over Gangetic West Bengal, Jharkhand and Odisha.

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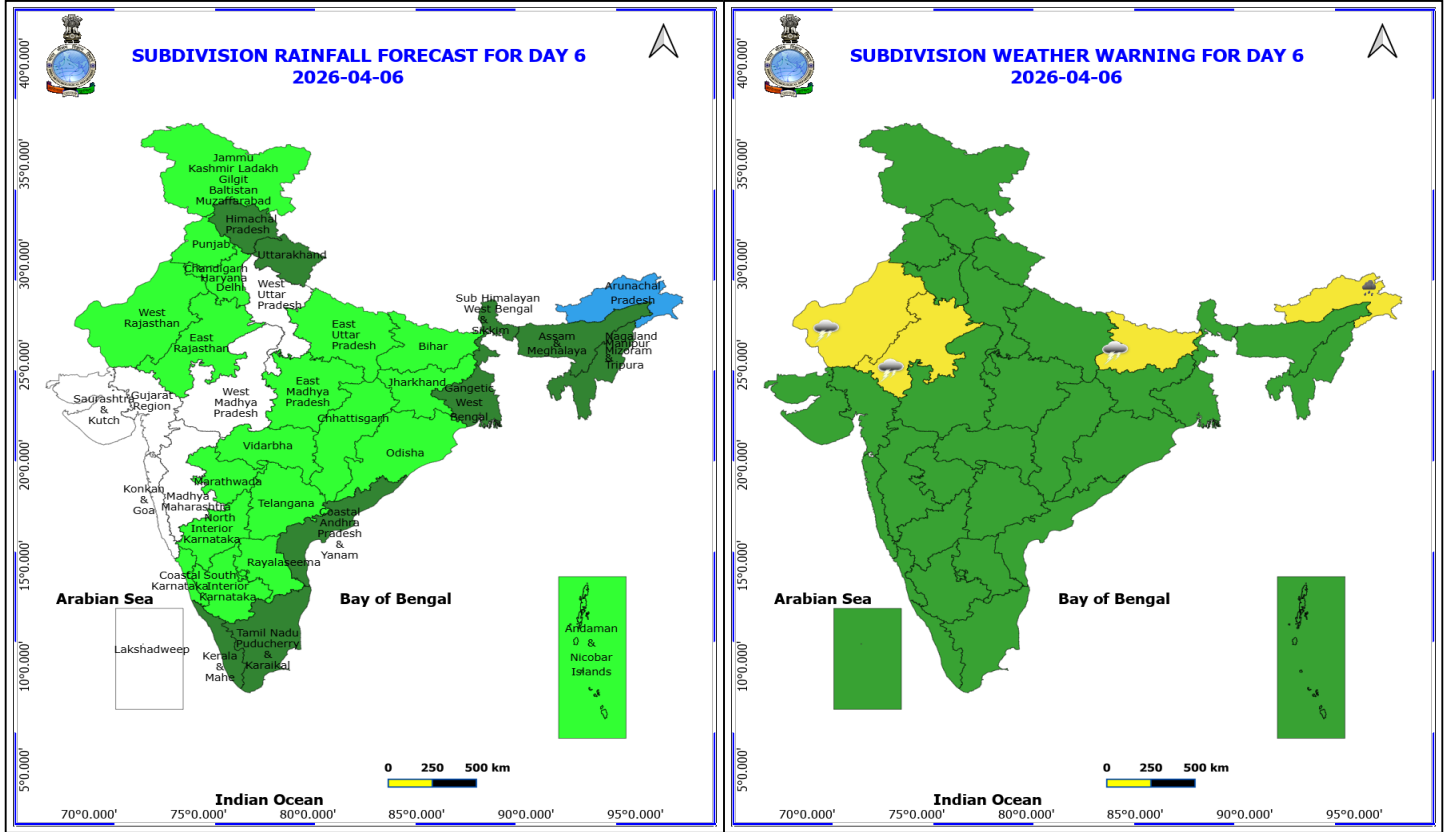
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**5 April (Day 5)**

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over Interior Karnataka and Uttar Pradesh.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over East Uttar Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Bihar, Chhattisgarh, Jharkhand, Kerala & Mahe, Madhya Pradesh, North Interior Karnataka and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Andhra Pradesh, Odisha, South Interior Karnataka, Telangana, Vidarbha and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Tamil Nadu Puducherry & Karaikal and West Uttar Pradesh.

**No Fishermen Warning**

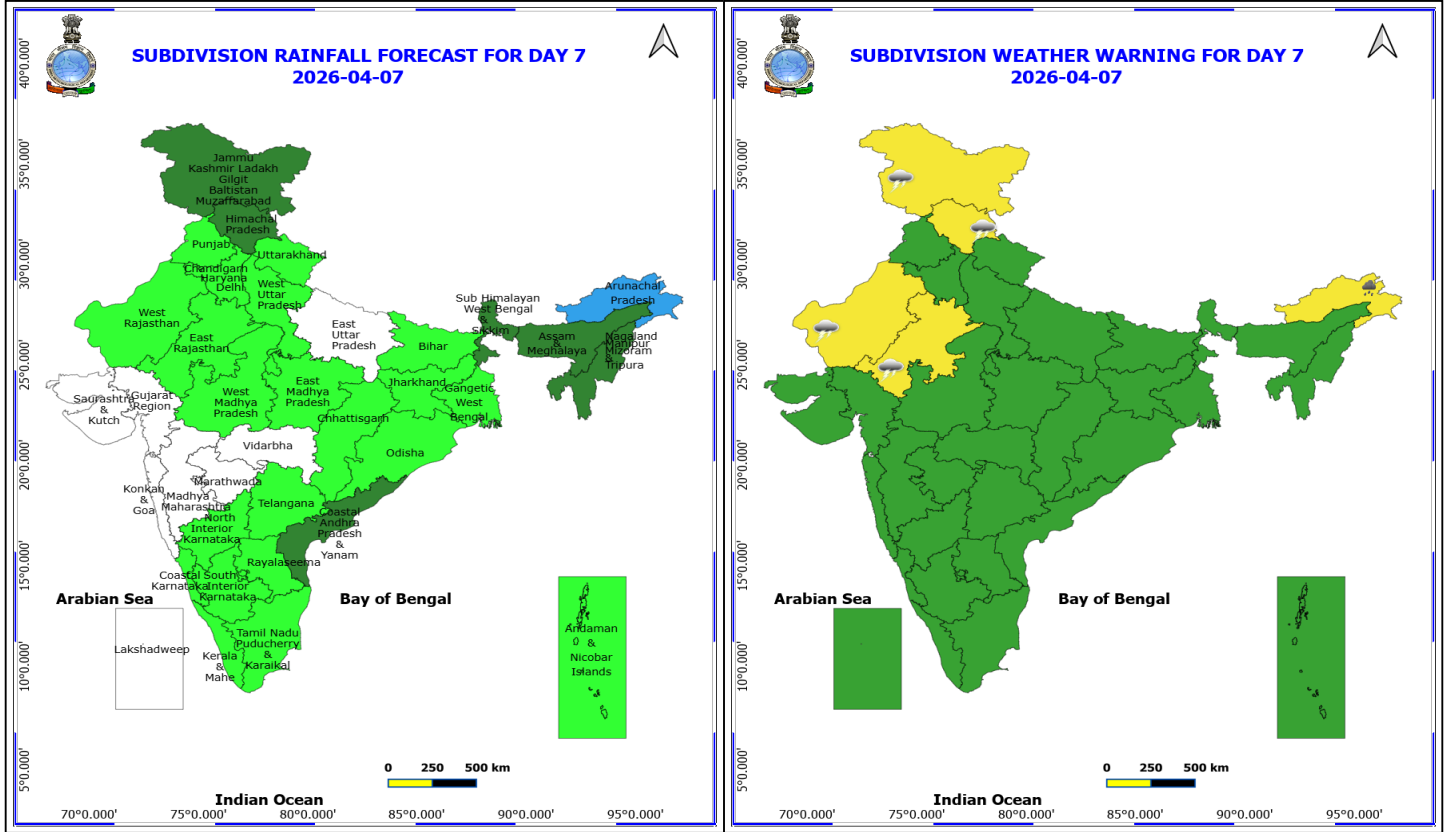


**6 April (Day 6)**

- ❖ Heavy Rainfall likely at isolated places over Arunachal Pradesh.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) likely at isolated places over Bihar.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Rajasthan.

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**7 April (Day 7)**

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **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 East Rajasthan and Himachal Pradesh.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over West Rajasthan.

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## Table-1

### 7 Days Rainfall Forecast

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

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 2026-03-31

Fig. 2: Departure of Maximum Temp. Dated 2026-03-31

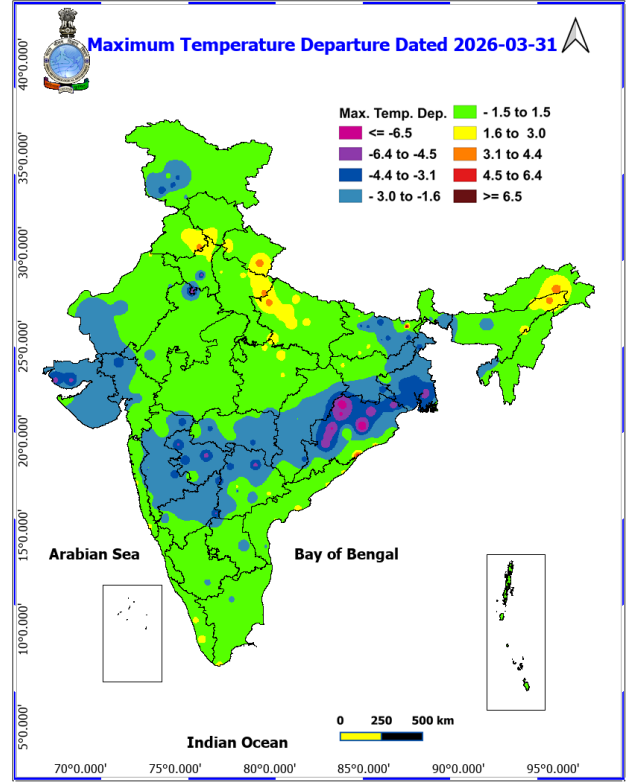
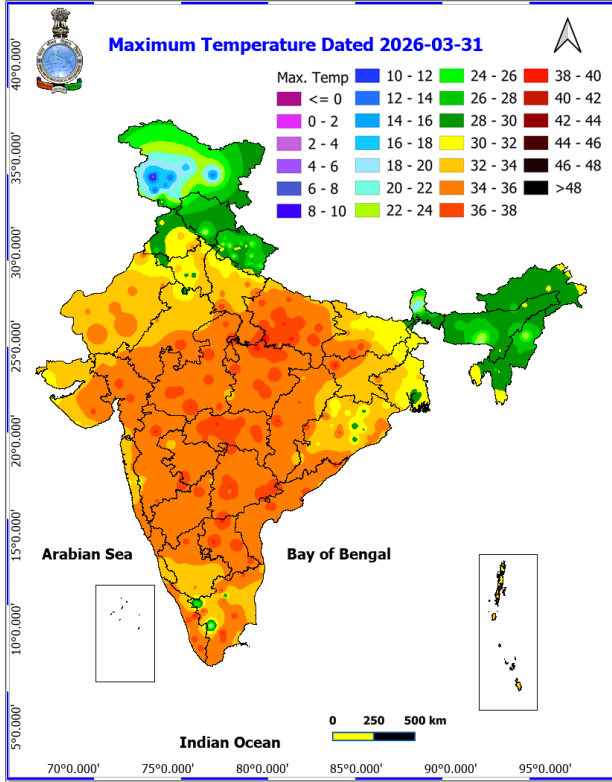
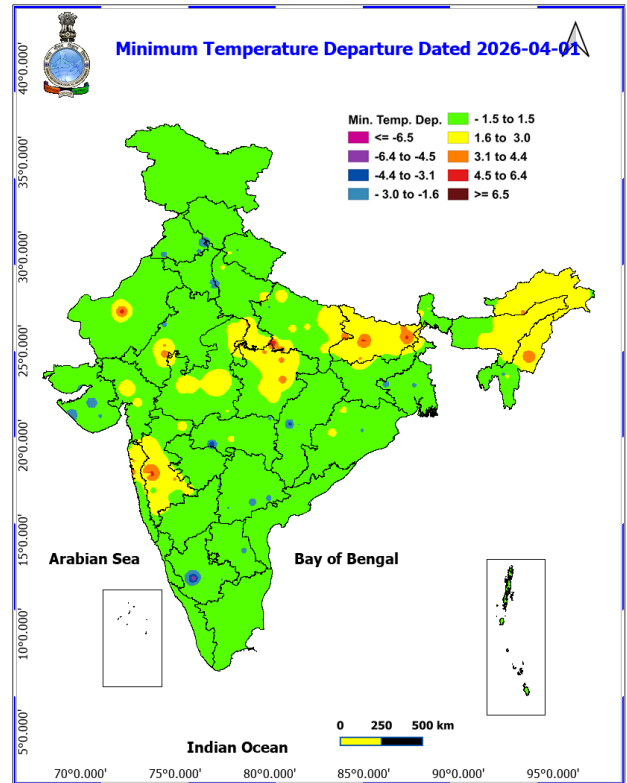
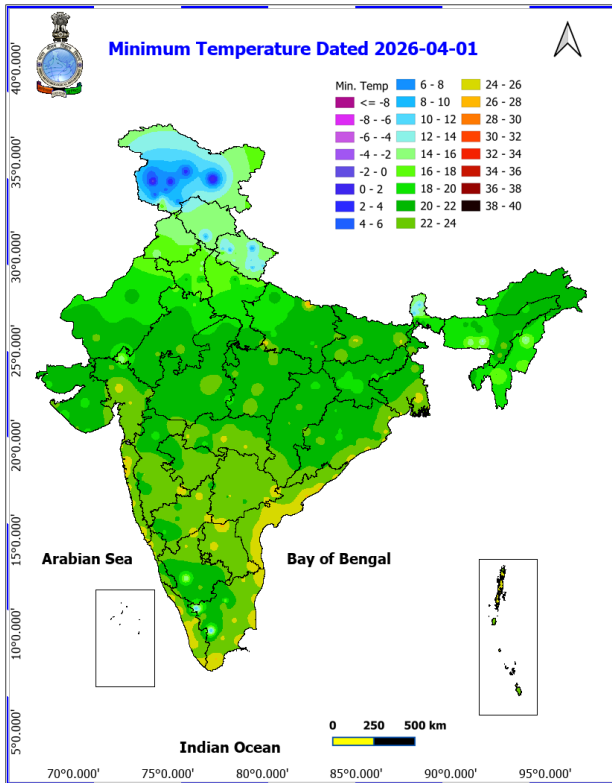


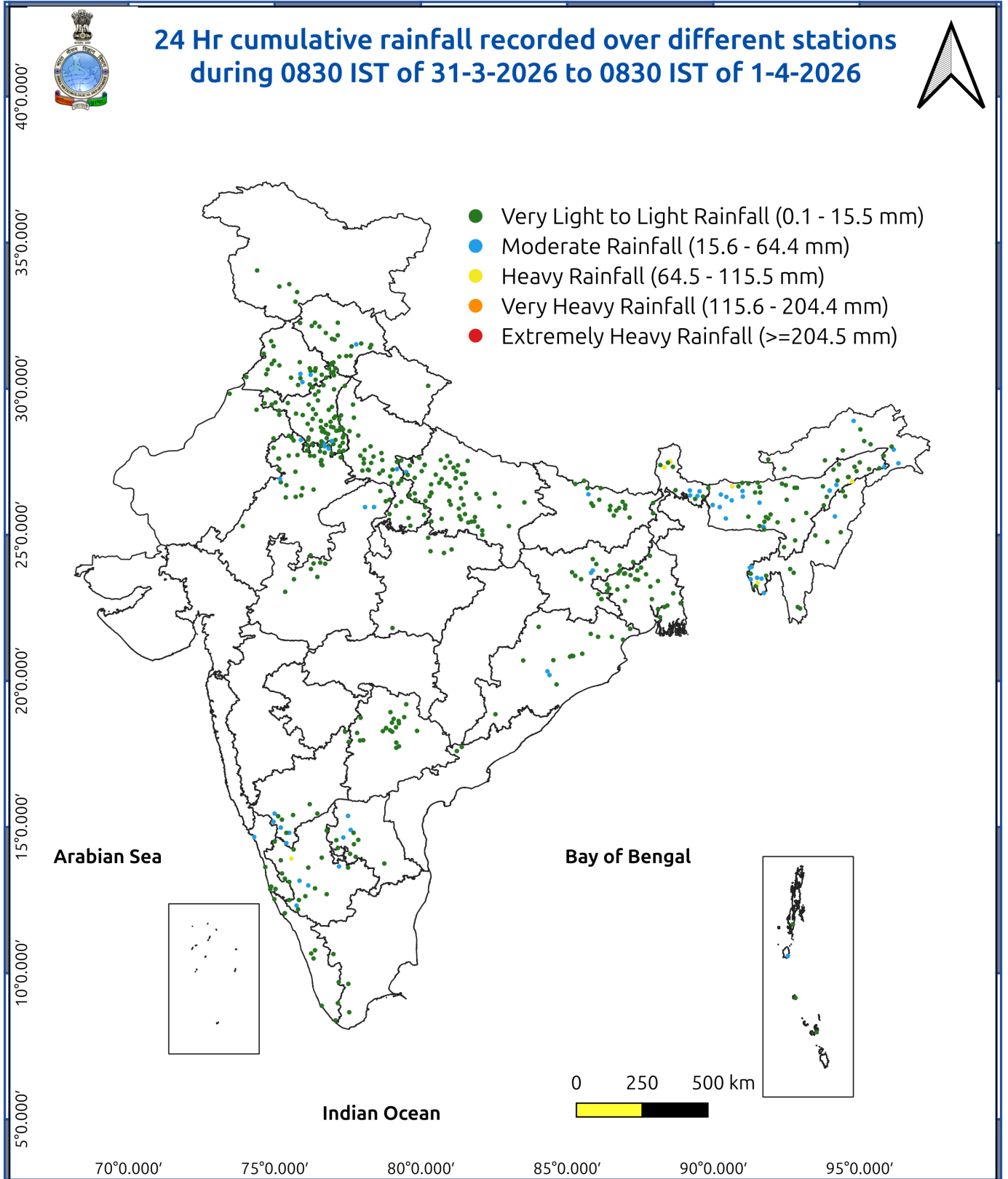
Fig. 3: Minimum Temperatures Dated 2026-04-01

Fig. 4: Departure of Minimum Temp. Dated 2026-04-01



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## Impact and Actions

### Impact & Action Suggested due to heavy/very heavy rainfall:

- **Isolated heavy rainfall** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 03<sup>rd</sup> April; over Arunachal Pradesh on 01<sup>st</sup>, 02<sup>nd</sup> and during 05<sup>th</sup> - 07<sup>th</sup> April; Assam & Meghalaya on 01<sup>st</sup> April; over Sub-Himalayan West Bengal & Sikkim on 01<sup>st</sup> April.

### 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 kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- 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

- **Isolated hailstorm activity** also likely over Jammu-Kashmir on 03<sup>rd</sup> and Himachal Pradesh on 03<sup>rd</sup> & 04<sup>th</sup>, Uttarakhand on 04<sup>th</sup>, Punjab and Haryana Chandigarh & Delhi on 03<sup>rd</sup> & 04<sup>th</sup>, West Uttar Pradesh on 04<sup>th</sup> & 05<sup>th</sup>, East Uttar Pradesh on 5<sup>th</sup>, West Rajasthan on 03<sup>rd</sup>, East Rajasthan on 04<sup>th</sup> April; over Madhya Pradesh during 01<sup>st</sup> -03<sup>rd</sup>, Vidarbha on 01<sup>st</sup> & 02<sup>nd</sup> April; over Madhya Maharashtra during 01<sup>st</sup> – 03<sup>rd</sup> and Marathwada on 03<sup>rd</sup> April; over North Interior Karnataka on 04<sup>th</sup> & 05<sup>th</sup> and South Interior Karnataka on 05<sup>th</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph) with hailstorm activity** likely over West Uttar Pradesh on 04<sup>th</sup> & 05<sup>th</sup> and East Uttar Pradesh on 05<sup>th</sup> April; over Madhya Maharashtra on 02<sup>nd</sup> & 03<sup>rd</sup> and Marathwada on 02<sup>nd</sup> & 03<sup>rd</sup> April.

### 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 kutchha houses/walls and huts.

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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.

**Agromet advisories for various parts of the country**

**Agromet advisories for likely impact of Hailstorms**

- Use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage in **Madhya Pradesh, Vidarbha, Madhya Maharashtra, Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana.**
- Undertake harvesting of matured crops and fruits immediately and shift them to safer places.
- In **Jammu & Kashmir**, undertake harvesting of matured mustard during clear weather and keep the harvested produce in safe places.

**Agromet advisories for likely impact of Heavy Rainfall**

- In **Sub Himalayan West Bengal**, ensure proper drainage channel, and drain out excess water from fields of rice, maize, other standing crops, vegetables and orchard. Shift the harvested produce to safe places. Cover the nursery of cucurbits and Dalle khorsani with polyethylene sheets or agro-nets.
- In **Arunachal Pradesh**, undertake harvesting of cabbage, pea, mustard and late-maturing paddy varieties and digging of potatoes. Shift the harvested produce to safe places. Maintain proper drainage channels in the fields of rice, maize, other standing crops, vegetables and orchards.
- In **Assam**, drain out excess rainwater from the standing crop fields.
- In **Meghalaya**, ensure proper drainage in summer vegetable crops. Carry out staking and propping of plantation crops and protect young seedlings from heavy rainfall. Keep the harvested pods of garden peas in safer place immediately.
- In **Tripura**, make necessary arrangements to drain out excess water from the low-lying areas to prevent water logging.
- In **Kerala**, drain out excess water from the standing crops fields and orchards.

**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 properly and cover them to minimise the risk of displacement due to 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**

- Keep the animals inside the shed during Heavy Rainfall/Hailstorm period and provide them balanced feed. Store feed and fodder in a safe place to prevent spoilage.

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**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, Coastal Maharashtra (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 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  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $40^{\circ}\text{C}$

Warm Night: When minimum temperature departure  $4.5^{\circ}\text{C}$  to  $6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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  $-4.5^{\circ}\text{C}$  to  $-6.4^{\circ}\text{C}$ .  
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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