

**ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN**

**Significant Weather Features**

**Weather Warning and Forecast:**

**Northwest India:**

- **Scattered to fairly widespread** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 25<sup>th</sup> -28<sup>th</sup>; isolated to scattered over Himachal Pradesh during 28<sup>th</sup> - 30<sup>th</sup> and Uttarakhand on 25<sup>th</sup>, 26<sup>th</sup> & during 28<sup>th</sup> - 30<sup>th</sup> April.
- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab and Haryana, Chandigarh during 27<sup>th</sup> -30<sup>th</sup>; west Uttar Pradesh during 28<sup>th</sup> -30<sup>th</sup>; East Uttar Pradesh during 28<sup>th</sup> April -01<sup>st</sup> May and Rajasthan during 27<sup>th</sup> -29<sup>th</sup> April.

**Northeast India:**

- **Fairly widespread to widespread** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Arunachal Pradesh during 25<sup>th</sup> -28<sup>th</sup>; Assam & Meghalaya during 27<sup>th</sup> April -01<sup>st</sup> May; Nagaland, Manipur, Mizoram & Tripura during 25<sup>th</sup> -29<sup>th</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 25<sup>th</sup> & 26<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Arunachal Pradesh on 25<sup>th</sup>; 26<sup>th</sup> & 29<sup>th</sup>; Assam & Meghalaya on 25<sup>th</sup> & 26<sup>th</sup>; Nagaland, Manipur, Mizoram & Tripura during 27<sup>th</sup> -30<sup>th</sup>; with isolated **very heavy rainfall** likely over Arunachal Pradesh during 27<sup>th</sup>, 28<sup>th</sup> 30<sup>th</sup> April & 01<sup>st</sup> May and Assam & Meghalaya during 27<sup>th</sup> April-01<sup>st</sup> May.

**East India:**

- **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over West Bengal & Sikkim, Bihar, Jharkhand, Odisha during 25<sup>th</sup> April- 01<sup>st</sup> May.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup>; Gangetic West Bengal and Jharkhand during 26<sup>th</sup>; Bihar on 26<sup>th</sup> & 27<sup>th</sup>; Jharkhand during 26<sup>th</sup> -28<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim during 25<sup>th</sup> April- 01<sup>st</sup> May.
- **Isolated Hailstorm activity** likely over Jharkhand on 26<sup>th</sup> & 27<sup>th</sup> April.

**Central India:**

- **Isolated light** to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Madhya Pradesh during 27<sup>th</sup> -29<sup>th</sup>; Chhattisgarh during 25<sup>th</sup> - 29<sup>th</sup>; Vidarbha on 28<sup>th</sup> & 29<sup>th</sup> April.

**South Peninsular India:**

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Tamil Nadu, Puducherry & Karaikal, Rayalaseema and Coastal Andhra Pradesh & Yanam on 28<sup>th</sup> & 29<sup>th</sup>; Kerala & Mahe during 27<sup>th</sup> -29<sup>th</sup>; Telangana during 25<sup>th</sup> -29<sup>th</sup>; Interior Karnataka during 25<sup>th</sup> -29<sup>th</sup> with lightning over Coastal Karnataka during 25<sup>th</sup> -29<sup>th</sup> and Kerala & Mahe on 25<sup>th</sup> & 26<sup>th</sup> April.
- **Isolated Hailstorm activity** likely over North Interior Karnataka during 25<sup>th</sup> -27<sup>th</sup> April.

**West India:**

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)**

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likely over Madhya Maharashtra & Marathawada on 25<sup>th</sup> & 26<sup>th</sup> April.

**Forecast of maximum/day temperatures:**

- No significant change in maximum temperatures likely over Western Himalayan Region till 27<sup>th</sup> April and thereafter gradual fall by 2-3°C during 28<sup>th</sup> April- 01<sup>st</sup> May.
- No significant change in maximum temperatures likely over plains of Northwest India till 27<sup>th</sup> April and thereafter gradual fall by 2-4°C during 28<sup>th</sup> April- 01<sup>st</sup> May.
- No significant change in maximum temperatures likely over East India till 26<sup>th</sup> and gradual fall by 3-4°C during 27<sup>th</sup> April -01<sup>st</sup> May.
- Gradual fall in maximum temperatures by 3-6 °C likely over Northeast till 27<sup>th</sup> and thereafter no significant change during 28<sup>th</sup> April -01<sup>st</sup> May.
- No significant change in maximum temperatures likely over Maharashtra till 25<sup>th</sup> and thereafter gradual fall by 2-4°C during 26<sup>th</sup> April-01<sup>st</sup> May.
- Gradual rise in maximum temperatures by 2-3 °C likely over Gujarat State till 26<sup>th</sup> April fall by 2-4 °C during 27<sup>th</sup> -April-01<sup>st</sup> May.
- No significant change in maximum temperatures likely over rest parts of the country.

**Heat wave, Hot & Humid weather and Warm night conditions warning:**

- **Heat wave conditions** very likely in isolated pockets of Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttar Pradesh, Punjab Haryana Chandigarh & Delhi and central India during 25<sup>th</sup> -27<sup>th</sup>; Rajasthan on 25<sup>th</sup> & 26<sup>th</sup>; Bihar on 25<sup>th</sup> April.
- **Hot & humid weather conditions** very likely to prevail in isolated pockets over Gangetic West Bengal on 25<sup>th</sup>; Odisha during 25<sup>th</sup> -27<sup>th</sup>; Tripura, Konkan & Goa, Gujarat State, Coastal Karnataka, Kerala & Mahe on 25<sup>th</sup> & 26<sup>th</sup>; Tamil Nadu, Puducherry & Karaikal during 25<sup>th</sup> -29<sup>th</sup> April.
- **Warm night conditions** very likely to prevail in isolated pockets over Punjab, Uttar Pradesh on 25<sup>th</sup> & 26<sup>th</sup>; Haryana, Chandigarh, Delhi during 25<sup>th</sup> -27<sup>th</sup>; Madhya Pradesh & Chhattisgarh on 27<sup>th</sup> & 28<sup>th</sup> April.

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**Main Weather Observations:**

- ❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0830 hours IST of today): **at most places** over Sub Himalayan West Bengal & Sikkim; **at a few places** over Arunachal Pradesh, Assam & Meghalaya and Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; **at isolated places** over Bihar, Uttarakhand, Madhya Maharashtra, Telangana, Rayalaseema, Tamil Nadu, Puducherry & Karaikal, Coastal Karnataka, North Interior Karnataka, South 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): **Assam & Meghalaya**: Tezpur (dist Sonitpur) 7; Tangla ARG (dist Udalguri) 6; Bhumuraguri (dist Sonitpur) 4; **Sub Himalayan West Bengal & Sikkim**: Tadong (dist Gangtok), Gangtok (dist Gangtok), Majherdabri Tea Garden (dist Alipurduar) 6 Each; Baintgoorie T.e. (dist Jalpaiguri), Bhatkawa Tea Estate (dist Jalpaiguri), Kailashpur Tea Estate (dist Jalpaiguri), Zurrantee T.e (dist Jalpaiguri) 5 Each; Rongo (dist Kalimpong), Chalouni Tea Estate (dist Jalpaiguri), Patkapara Tea Estate (dist Alipurduar) 4 Each.
- ❖ **Heavy Rainfall observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heavy rain** at isolated places over Assam and Sub Himalayan West Bengal & Sikkim.
- ❖ **Heat Wave to Severe Heat Wave conditions** (from 0830 hours IST of yesterday to 0830 hours IST of today): **Heat Wave to Severe Heat Wave conditions** prevailed over isolated places over Himachal Pradesh; **heat wave conditions** at a few places over Haryana, Chandigarh & Delhi, West Uttar Pradesh and **heat wave conditions** at isolated places over Jammu-Kashmir, Punjab, East Uttar Pradesh and north Rajasthan.
- ❖ **Severe Warm night conditions** (from 0830 hours IST of yesterday to 0830 hours IST of today): reported over Haryana and warm night conditions prevailed over Rajasthan.
- ❖ **Hailstorm reported** (from 0830 hours IST of yesterday to 0830 hours IST of today): over Uttarakhand and North Interior Karnataka.
- ❖ **Minimum Temperature Departures (as on 25-04-2026)**: appreciably above normal (3.1°C to 5.0°C) over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Haryana, Rajasthan, Uttar Pradesh, Bihar, West Bengal & Sikkim, Marathwada, Madhya Maharashtra; above normal (1.6 to 3.0°C) over Madhya Pradesh, Kerala & Mahe, Assam & Meghalaya, Mizoram, Nagaland, Gangetic West Bengal; below normal (-3.0°C to -1.6°C) over Chhattisgarh, Odisha and near normal over rest parts of the country. **The lowest minimum temperature of 20.5 °C was observed at Najibabad (West Uttar Pradesh) over the plains of India..**
- ❖ **Maximum Temperature Departures (as on 24-04-2026)**: **markedly above normal(> 5.1°C)** at many places over Jammu-Kashmir Ladakh-Gilgit-Baltistan-Muzaffarabad; at most places over Arunachal Pradesh and Himachal Pradesh; at few places over East Madhya Pradesh; at isolated places over Assam & Meghalaya, Gangetic West Bengal, East Uttar Pradesh, West Uttar Pradesh, Haryana-Chandigarh-Delhi, Punjab, East Rajasthan, West Madhya Pradesh, Konkan & Goa and Chhattisgarh. **appreciably above normal (3.1°C to 5.0°C)** at many places over Uttarakhand; at most places over West Rajasthan; at few places over Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, Gujarat Region and Vidarbha; at isolated places over Jharkhand, Saurashtra & Kutch, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. **above normal (1.6°C to 3.0°C)** at many places over Rayalaseema and South Interior Karnataka; at most places over Nagaland, Manipur, Mizoram & Tripura; at few places over Madhya Maharashtra, Marathwada, Telangana, North Interior Karnataka and Lakshadweep; at isolated places over Andaman & Nicobar Islands and Coastal Andhra Pradesh & Yanam. **near normal (-1.5°C to 1.5°C)** at most places over Coastal Karnataka. **The highest maximum temperature of 45.2°C was reported at PRAYAGRAJ (UTTAR PRADESH).**

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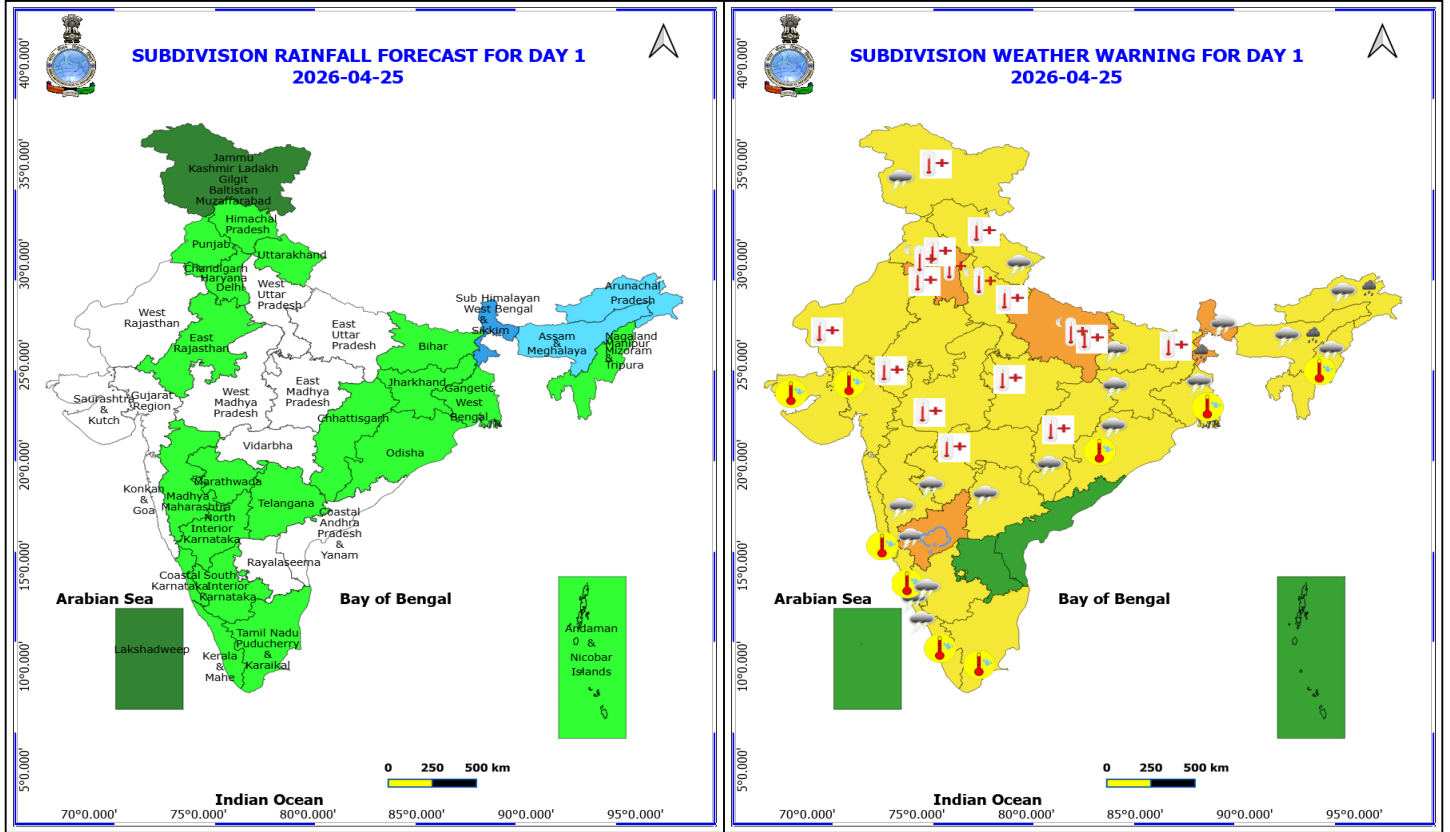
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### Meteorological Analysis (Based on 0830 hours IST)

- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level now runs roughly along Long. 70°E to the north of Lat. 32°N.
- The **upper air cyclonic circulation** over west Uttar Pradesh now lies over Northwest Uttar Pradesh at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** lies over East Uttar Pradesh & neighbourhood at 1.5 km above mean sea level.
- An **upper air cyclonic circulation** over northern parts of central Uttar Pradesh at 0.9 km above mean sea level.
- An **upper air cyclonic circulation** lies over southwest Rajasthan adjoining Pakistan at 1.5 km above mean sea level.
- The **trough** runs from cyclonic circulation over northern parts of central Uttar Pradesh to cyclonic circulation over southwest Rajasthan adjoining Pakistan across East Rajasthan at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over east Bihar & neighbourhood at 0.9 km above mean sea level persists.
- The **trough/ wind discontinuity** from North Interior Karnataka to Comorin area across South Interior Karnataka and Tamil Nadu at 0.9 km above mean sea level persists.
- **Subtropical westerly Jet Stream** with core winds of the order of 80 knots at 12.6 km above mean sea level continues to prevail over East & Northeast India.
- The **Anti-cyclonic circulation** over Maharashtra & neighbourhood now lies over interior Maharashtra & neighbourhood and now seen between 3.1 & 5.8 km above mean sea level.
- A **trough** in westerlies at 1.5 km above mean sea level runs roughly along Long. 93°E to the north of Lat. 22°N.

### 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.



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

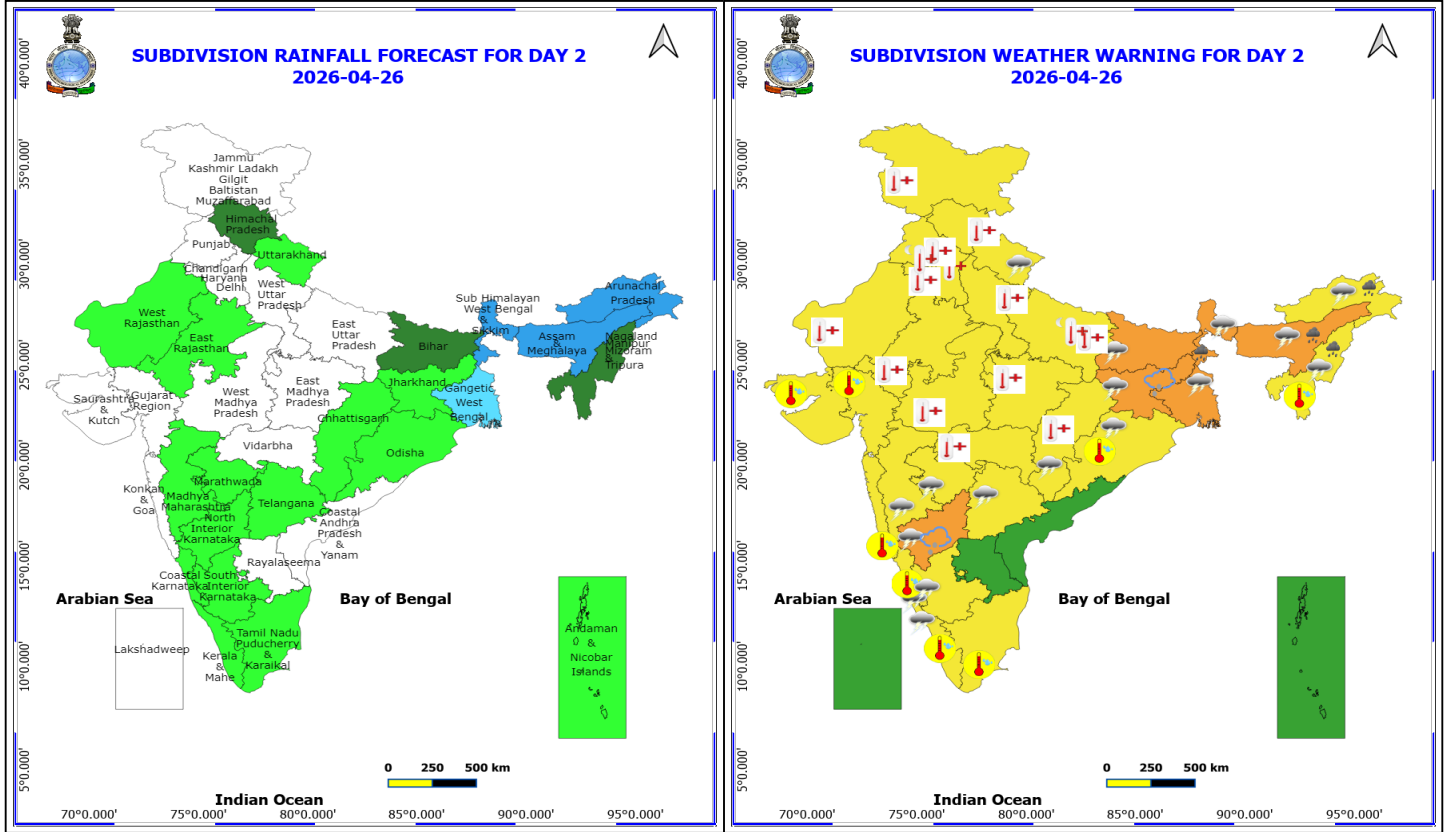
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❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi, Punjab and Uttar Pradesh.

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**26 April (Day 2)**

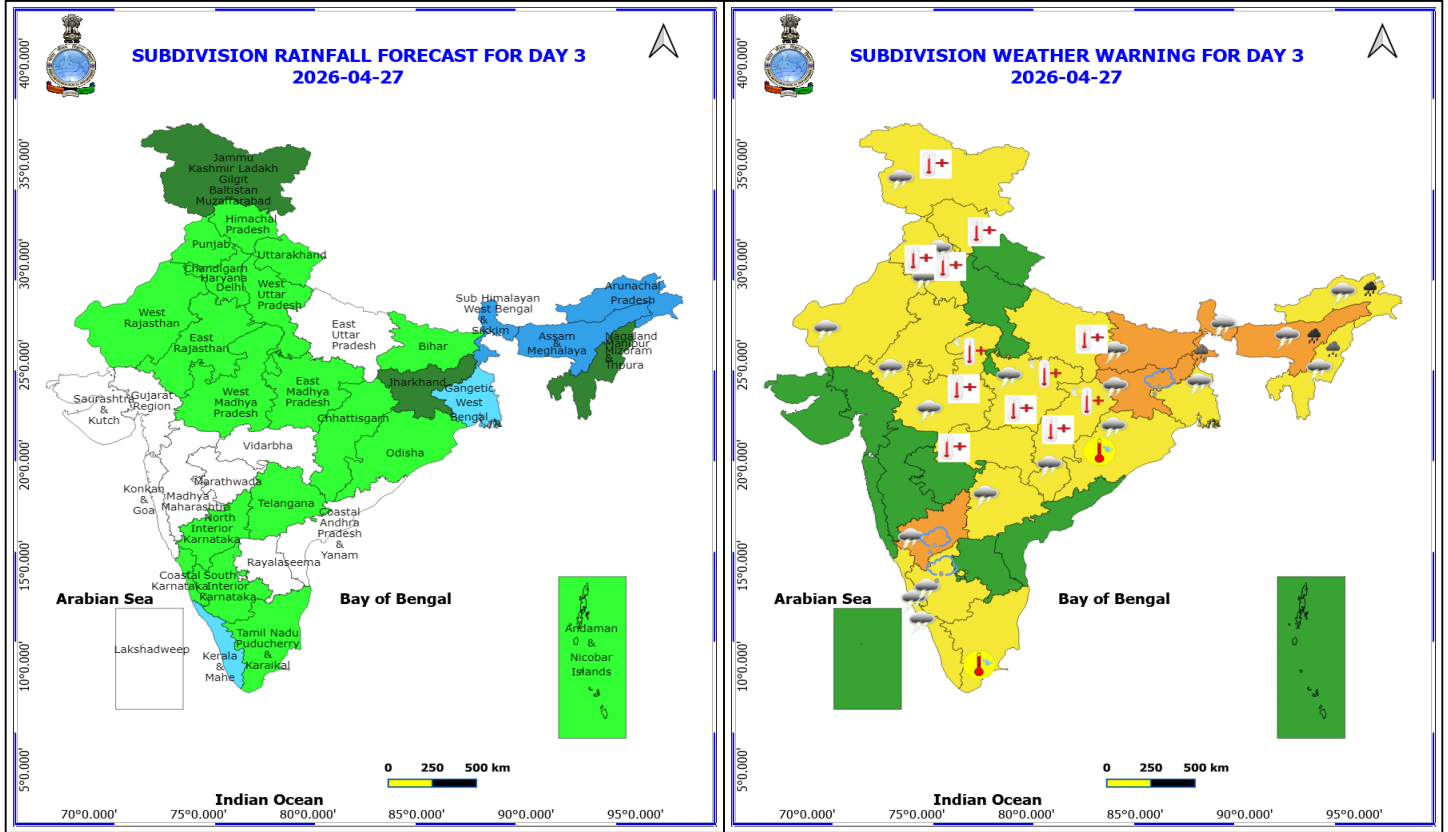
- ❖ **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Jharkhand and North Interior Karnataka.
-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

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❖ **Warm Night conditions** very likely at isolated places over East Uttar Pradesh, Haryana, Chandigarh & Delhi and Punjab.

❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off North Odisha and West Bengal coasts & over isolated parts of northwest Bay of Bengal.



**27 April (Day 3)**

- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** very likely at isolated places over Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Interior Karnataka and Jharkhand.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** very likely at isolated places over Bihar and Jharkhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Haryana, Chandigarh & Delhi, Interior Karnataka, Kerala & Mahe, Madhya Pradesh, Punjab and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Arunachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Coastal Karnataka.
- ❖ **Heat Wave conditions** very likely at isolated places over Chhattisgarh, East Uttar Pradesh, Haryana, Chandigarh & Delhi, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Madhya Pradesh, Punjab and Vidarbha.
- ❖ **Hot and Humid weather** very likely at isolated places over Odisha and Tamil Nadu Puducherry & Karaikal.

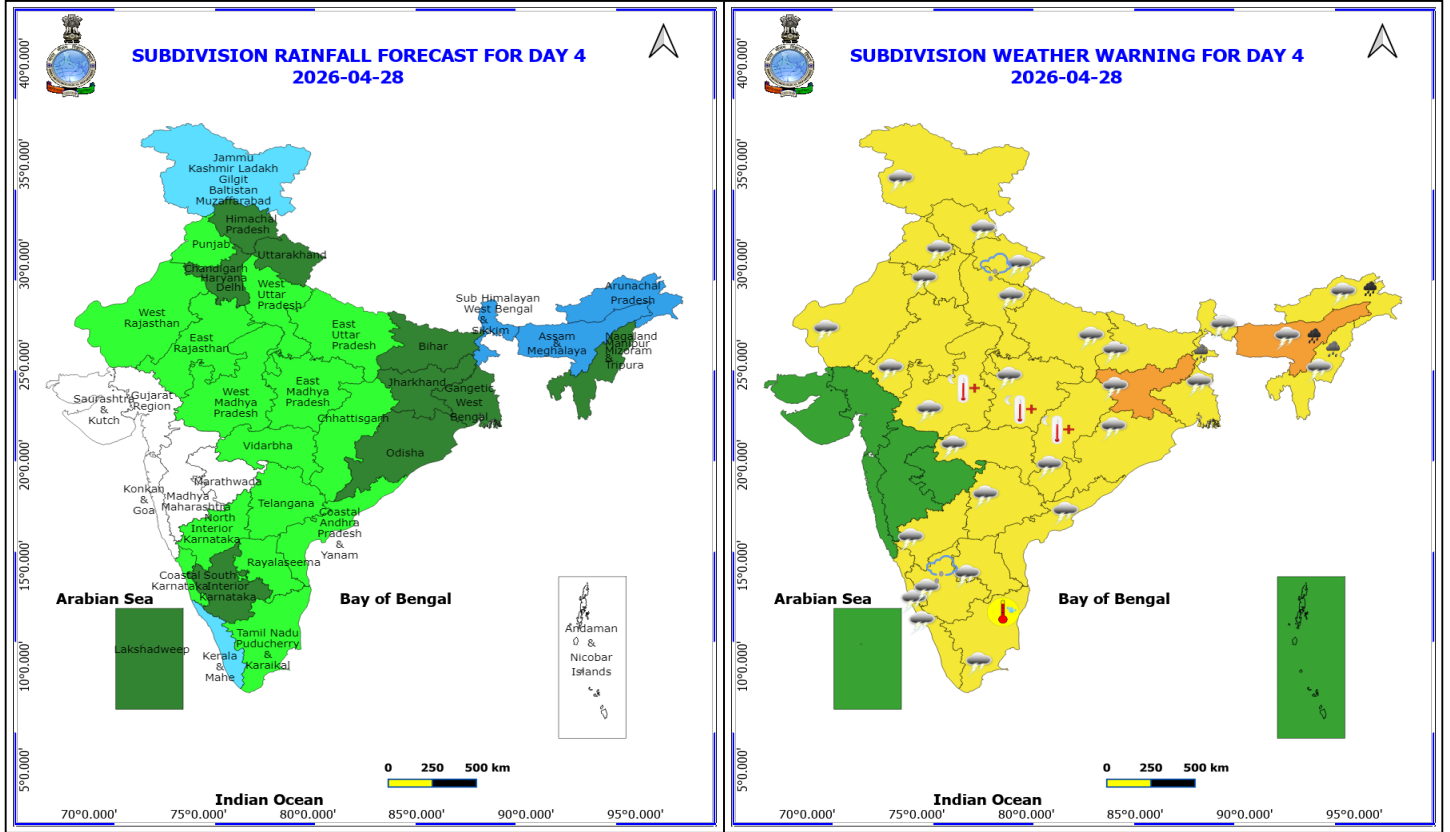
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❖ **Warm Night conditions** very likely at isolated places over Chhattisgarh and Madhya Pradesh.

❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off North Odisha and West Bengal coasts & over isolated parts of northwest Bay of Bengal.



**28 April (Day 4)**

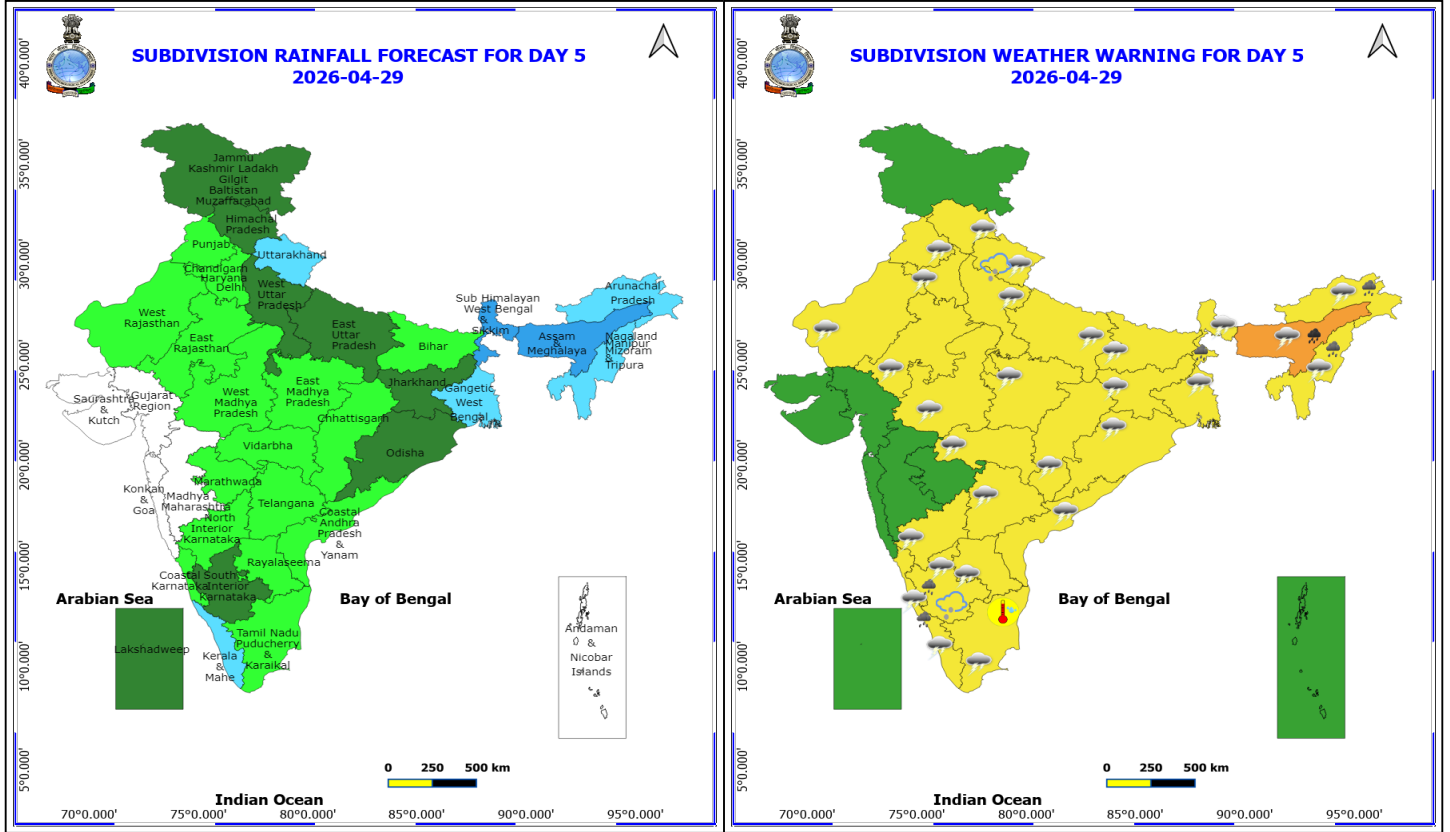
- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over South Interior Karnataka and Uttarakhand.
- ❖ **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 Andhra Pradesh, Assam & Meghalaya, Bihar, Chhattisgarh, East Rajasthan, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Interior Karnataka, Kerala & Mahe, Madhya Pradesh, Odisha, Punjab, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Arunachal Pradesh, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh, Vidarbha and West Rajasthan.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka.
- ❖ **Hot and Humid weather** likely at isolated places over Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** likely at isolated places over Chhattisgarh and Madhya Pradesh.
- ❖ **Squally wind with speed 45-55 kmph gusting to 65 kmph** is likely to prevail along and off North Odisha Coast

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and West Bengal Coast & over isolated parts of northwest Bay of Bengal.



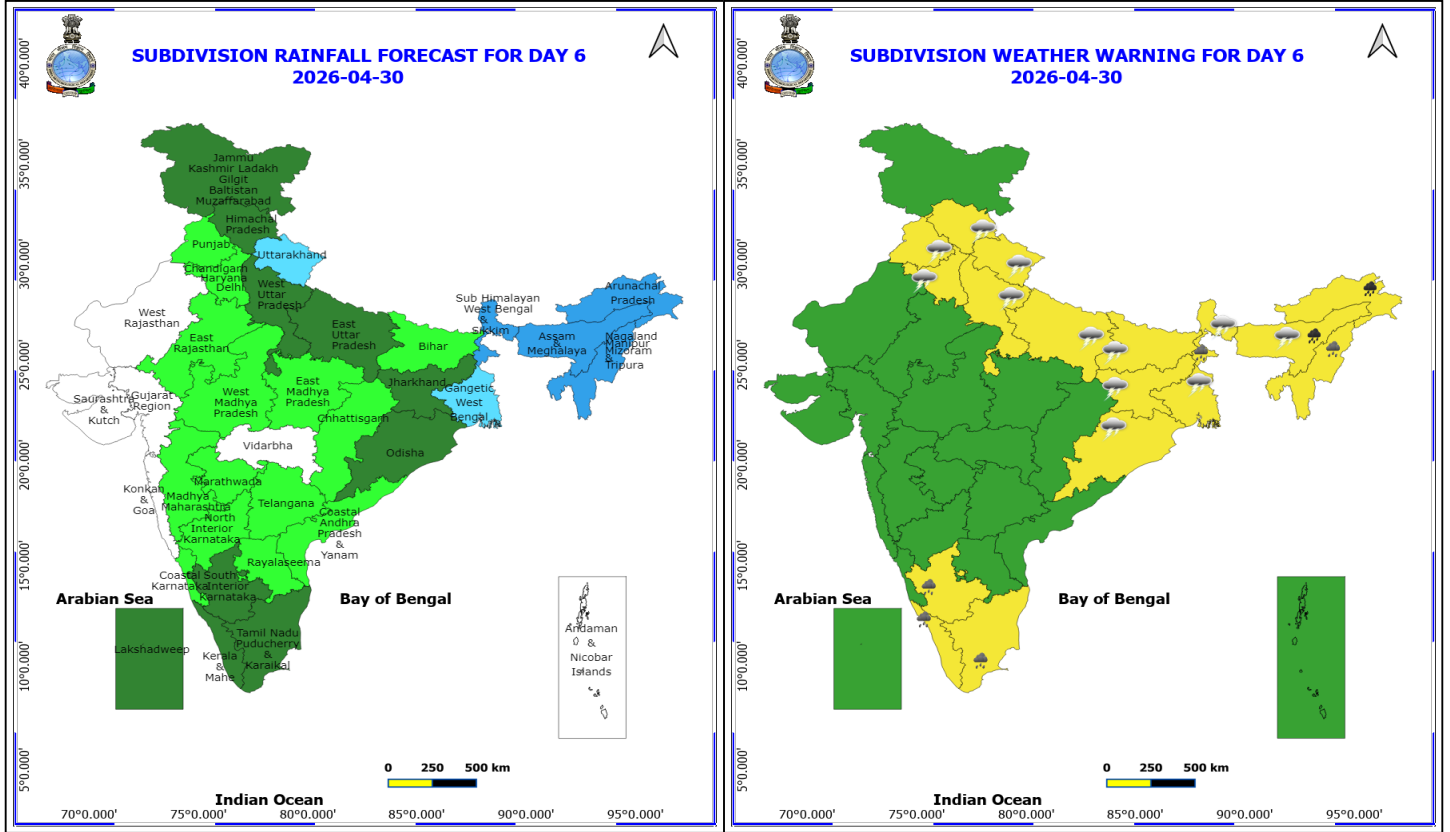
**29 April (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Hailstorm** likely at isolated places over South Interior Karnataka and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Chhattisgarh, Gangetic West Bengal, Haryana, Chandigarh & Delhi, Interior Karnataka, Jharkhand, Kerala & Mahe, Madhya Pradesh, Odisha, Punjab, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Himachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal and Vidarbha.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh and Coastal Karnataka.
- ❖ **Hot and Humid weather** likely at isolated places over Tamil Nadu Puducherry & Karaikal.

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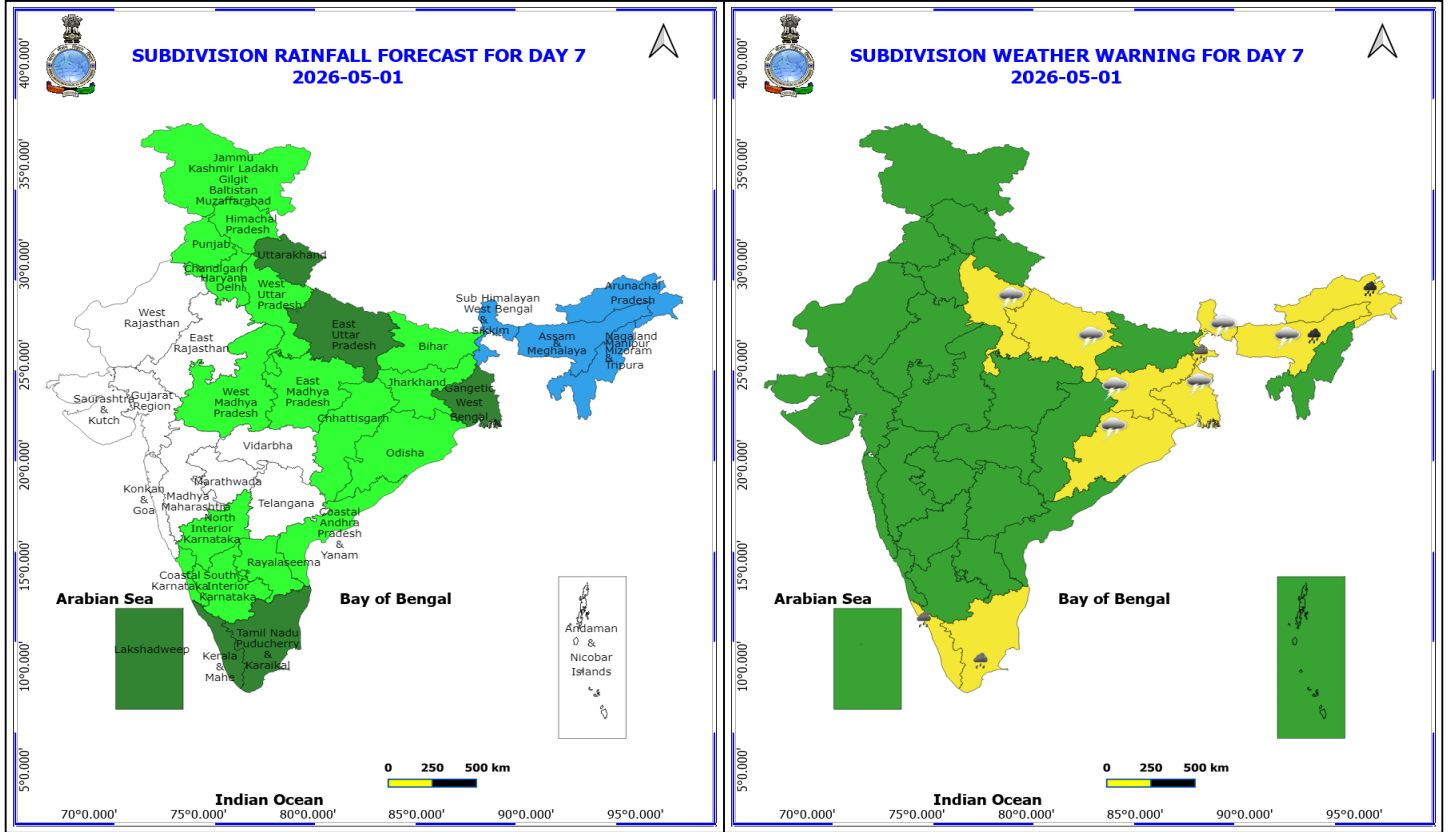


**30 April (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Gangetic West Bengal, Jharkhand, Odisha and Uttarakhand.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Assam & Meghalaya, Bihar, Haryana, Chandigarh & Delhi, Himachal Pradesh, Punjab, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.

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**1 May (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Heavy Rainfall** likely at isolated places over Kerala & Mahe, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Gangetic West Bengal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Assam & Meghalaya, Jharkhand, Odisha, Sub Himalayan West Bengal & Sikkim and Uttar Pradesh.

**No Fishermen Warning**



## Table-1

### 7 Days Rainfall Forecast

S.No.	Subdivision	25- Apr	26- Apr	27- Apr	28- Apr	29- Apr	30- Apr	1- May
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	ISOL	ISOL	ISOL	DRY	DRY	DRY	DRY
2	ARUNACHAL PRADESH	FWS	WS	WS	WS	FWS	WS	WS
3	ASSAM & MEHGHALAYA	FWS	WS	WS	WS	WS	WS	WS
4	N. M. M. & T.	ISOL	SCT	SCT	SCT	FWS	WS	WS
5	S.H. WEST BENGAL & SIKKIM	WS	WS	WS	WS	WS	WS	WS
6	GANGETIC WEST BENGAL	ISOL	FWS	FWS	SCT	FWS	FWS	SCT
7	ODISHA	ISOL	ISOL	ISOL	SCT	SCT	SCT	ISOL
8	JHARKHAND	ISOL	ISOL	SCT	SCT	SCT	SCT	ISOL
9	BIHAR	ISOL	SCT	ISOL	SCT	ISOL	ISOL	ISOL
10	EAST UTTAR PRADESH	DRY	DRY	DRY	ISOL	SCT	SCT	SCT
11	WEST UTTAR PRADESH	DRY	DRY	ISOL	ISOL	SCT	SCT	ISOL
12	UTTARAKHAND	ISOL	ISOL	ISOL	SCT	FWS	FWS	SCT
13	HARYANA, CHD & DELHI	ISOL	DRY	ISOL	SCT	ISOL	ISOL	ISOL
14	PUNJAB	ISOL	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	SCT	ISOL	SCT	SCT	SCT	ISOL
16	JAMMU AND KASHMIR AND LADAKH	SCT	DRY	SCT	FWS	SCT	SCT	ISOL
17	WEST RAJASTHAN	DRY	ISOL	ISOL	ISOL	ISOL	DRY	DRY
18	EAST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
19	WEST MADHYA PRADESH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
20	EAST MADHYA PRADESH	DRY	DRY	ISOL	ISOL	ISOL	ISOL	ISOL
21	GUJRAT REGION	DRY	DRY	DRY	DRY	DRY	DRY	DRY
22	SAURASHTRA & KUTCH	DRY	DRY	DRY	DRY	DRY	DRY	DRY
23	KONKAN & GOA	DRY	DRY	DRY	DRY	DRY	DRY	DRY
24	MADHYA MAHARASHTRA	ISOL	ISOL	DRY	DRY	DRY	ISOL	DRY
25	MARATHWADA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	DRY
26	VIDARBHA	DRY	DRY	DRY	ISOL	ISOL	DRY	DRY
27	CHATTISGARH	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
28	COASTAL ANDHRA PRADESH	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	DRY
30	RAYALASEEMA	DRY	DRY	DRY	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
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	SCT	ISOL
35	KERALA	ISOL	ISOL	FWS	FWS	FWS	SCT	SCT
36	LAKSHDWEEP	SCT	DRY	DRY	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 2026-04-24

Fig. 2: Departure of Maximum Temp. Dated 2026-04-24

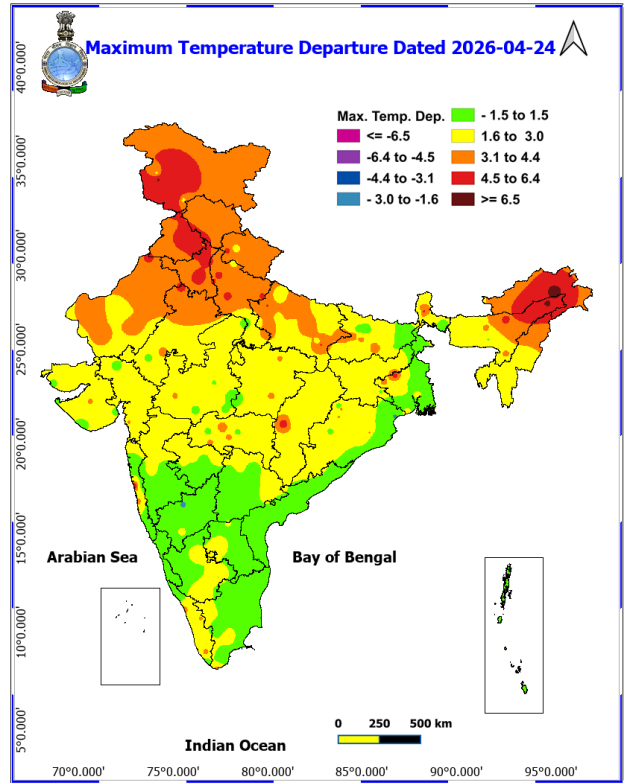
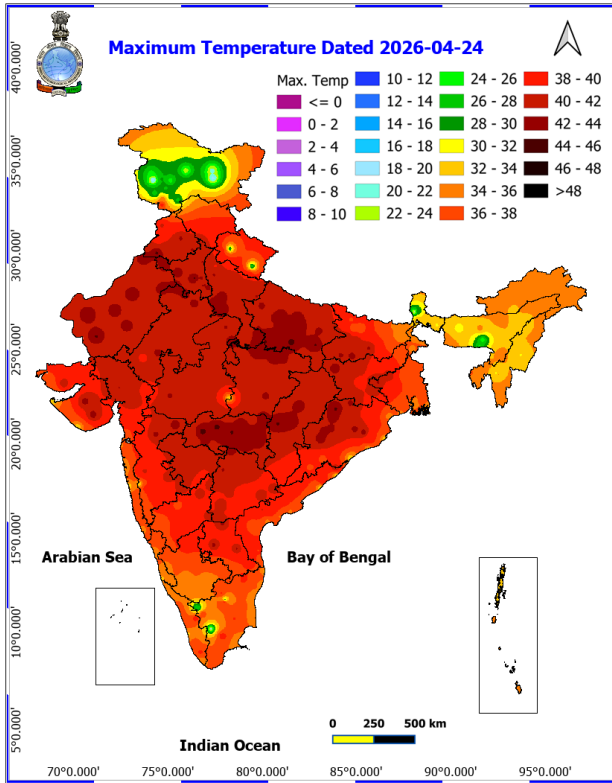
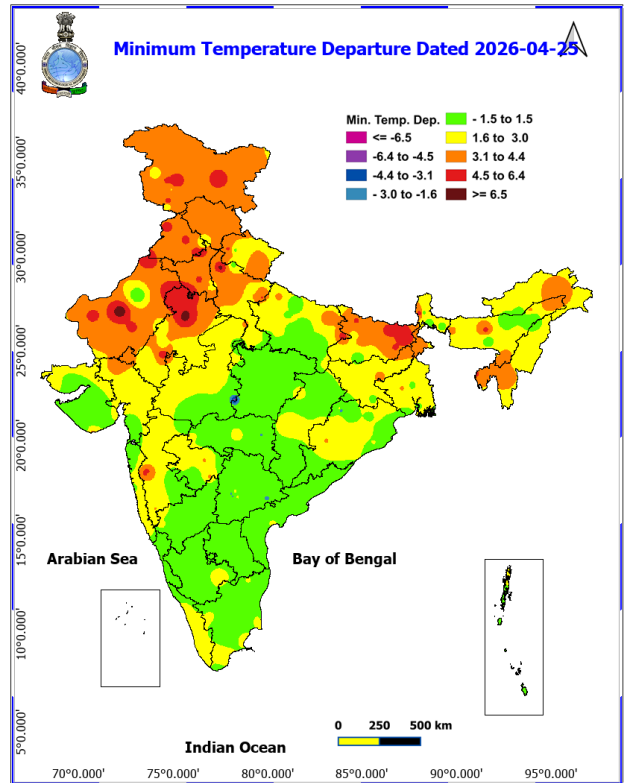
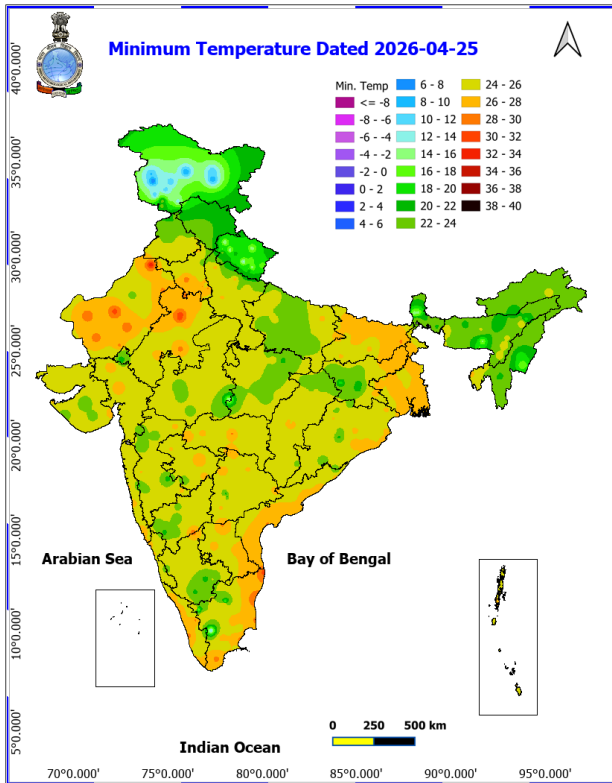


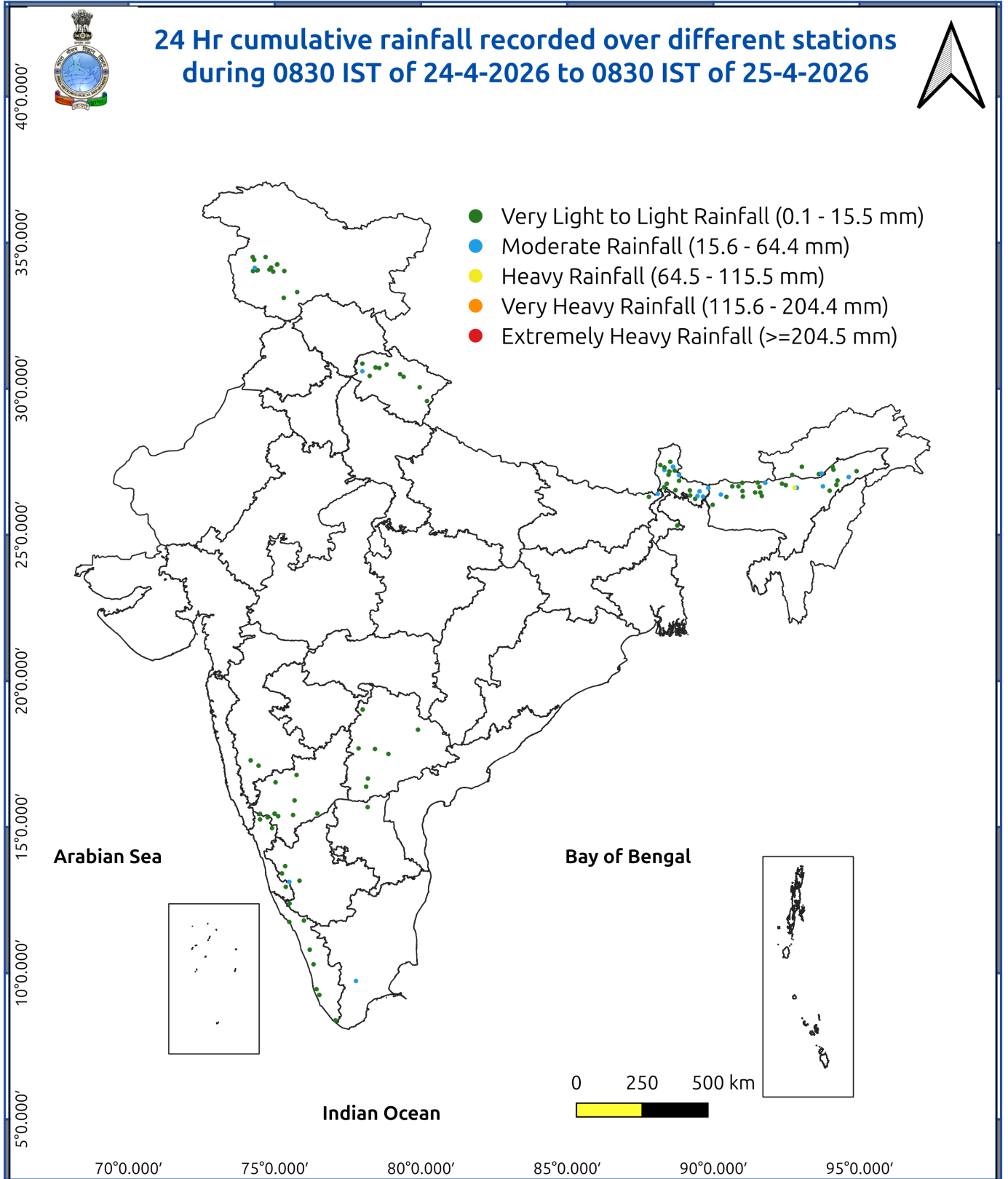
Fig. 3: Minimum Temperatures Dated 2026-04-25

Fig. 4: Departure of Minimum Temp. Dated 2026-04-25



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## Impact and Actions

### Impact & suggested due to heavy rainfall

- **Isolated heavy rainfall** likely over Arunachal Pradesh on 25<sup>th</sup>; 26<sup>th</sup> & 29<sup>th</sup>; Assam & Meghalaya on 25<sup>th</sup> & 26<sup>th</sup>; Nagaland, Manipur, Mizoram & Tripura during 27<sup>th</sup> -30<sup>th</sup>; over Sub-Himalayan West Bengal & Sikkim during 25<sup>th</sup> April- 01<sup>st</sup> May with isolated **very heavy rainfall** likely over Arunachal Pradesh during 27<sup>th</sup>, 28<sup>th</sup> 30<sup>th</sup> April & 01<sup>st</sup> May and Assam & Meghalaya during 27<sup>th</sup> April-01<sup>st</sup> 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.

- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 25<sup>th</sup> & 26<sup>th</sup>; over Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup>; Gangetic West Bengal and Jharkhand during 26<sup>th</sup>; Bihar on 26<sup>th</sup> & 27<sup>th</sup>; Jharkhand during 26<sup>th</sup> -28<sup>th</sup> April.
- Isolated **Hailstorm activity** likely over Jharkhand on 26<sup>th</sup> & 27<sup>th</sup>; over North Interior Karnataka during 25<sup>th</sup> -27<sup>th</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 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.

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- Keep away from all the objects that conduct electricity.

### Impact expected and action suggested

- **Heat wave conditions** very likely in isolated pockets of Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttar Pradesh, Punjab Haryana Chandigarh & Delhi and central India during 25<sup>th</sup> -27<sup>th</sup>; Rajasthan on 25<sup>th</sup> & 26<sup>th</sup>; Bihar on 25<sup>th</sup> April

### Alert Areas

- High temperature & increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work.
- High health concern for vulnerable people e.g. infants, elderly, people with chronic diseases.
- Avoid heat exposure– keep cool. Avoid dehydration.
- Drink sufficient water- even if not thirsty.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

### Agromet advisories for various parts of the country

#### Agromet advisories for likely impact of Hailstorms

- In **Sub-Himalayan West Bengal, Jharkhand and Interior Karnataka**, use hail nets or hail caps in fruit orchards and vegetable plants to protect them from mechanical damage.
- Ensure effective field drainage to prevent waterlogging. Undertake picking of matured fruits at the earliest. Keep the harvested produce in safe places.

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

- In **Arunachal Pradesh**, shift the harvested cabbage, pea, mustard, late-maturing paddy & potatoes produce to safe places. Ensure proper drainage in the fields of rice, maize, other standing crops, vegetables, and orchards.
- In **Assam**, maintain proper drainage to avoid water stagnation in the crop fields. Prioritise immediate harvesting of the mature crops and move the produce to a dry, covered warehouse. Use plastic sheets or temporary nets to cover sensitive nursery beds.
- **Meghalaya**- Postpone sowing of carrot, okra, French bean. Provide proper drainage in maize, ginger and tomato. Provide staking/bamboo support to prevent lodging.
- In **Sub-Himalayan West Bengal and Sikkim**, ensure proper field drainage to prevent waterlogging, particularly in ginger, tomato, and Dalle Khorsani fields. Protect the nurseries of cucurbits and Dalle Khorsani by covering them with polyethylene sheets or agro-net to safeguard young seedlings. Additionally, apply locally available mulching materials in ginger fields to minimize the direct impact of rainfall.

#### Agromet advisories for likely impact of High temperatures/ Heat Waves

- **Maharashtra** - In **Konkan**, irrigate green gram, vegetables, and newly planted areca nut and coconut. In **Vidarbha**, apply need-based light and frequent irrigation to summer green gram, groundnut, onion, sunflower, sesame, fodder crops, orchards, and vegetables during cooler hours. Use straw mulch in vegetable and orchard crops to reduce evaporation, and install shade nets for newly planted crops.
- **Gujarat**- Apply light and frequent irrigation to standing crops like cluster bean, cucumber, ridge gourd, bottle gourd, sponge gourd, and bitter gourd during morning or evening hours. Irrigate groundnut at the flowering and pegging stages.
- **Odisha** - Provide light irrigation to paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.

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- **Madhya Pradesh** - Apply light irrigation to maize, *moong*, *urd*, groundnut, and vegetable crops as required.
- **Chhattisgarh** - Apply light irrigation after weeding and hoeing in *rabi* maize, banana, and papaya plantations. Complete harvesting of wheat and chickpea, and ensure safe storage.
- **Bihar**- Apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures.
- **Coastal Andhra Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as paddy, *rabi* maize, sorghum, chickpea, groundnut, sesame, sugarcane, vegetables, and fruit orchards.
- **Himachal Pradesh**:Apply need-based irrigation in wheat, mustard, horticulture and vegetable crops like tomato, capsicum, cabbage & cauliflower, French beans, cucumber, bitter melon, bottle gourd etc.
- **Uttarakhand**:Provide irrigation to sunflower, fodder maize, tomato, brinjal, etc.
- **Punjab and Haryana** - Provide light irrigation to maintain adequate moisture in standing crops such as summer *moong*, cotton, vegetables, mango, guava & loquat.
- **Uttar Pradesh** - Provide light irrigation to maintain adequate moisture in standing crops such as hybrid maize, Zaid black gram, green gram, vegetables, and sugarcane.
- **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.
- **Tamil Nadu** - Provide irrigation and mulching to reduce the evapotranspiration in sugarcane, cotton, banana and chilli.
- **Kerala** - Apply irrigation to banana plants and coconut palms. Ensure that there is enough moisture in the soil.
- **Gangetic West Bengal** - apply light irrigation to summer crops and vegetables to maintain soil moisture.
- Apply mulching to conserve soil moisture in the standing crops.

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

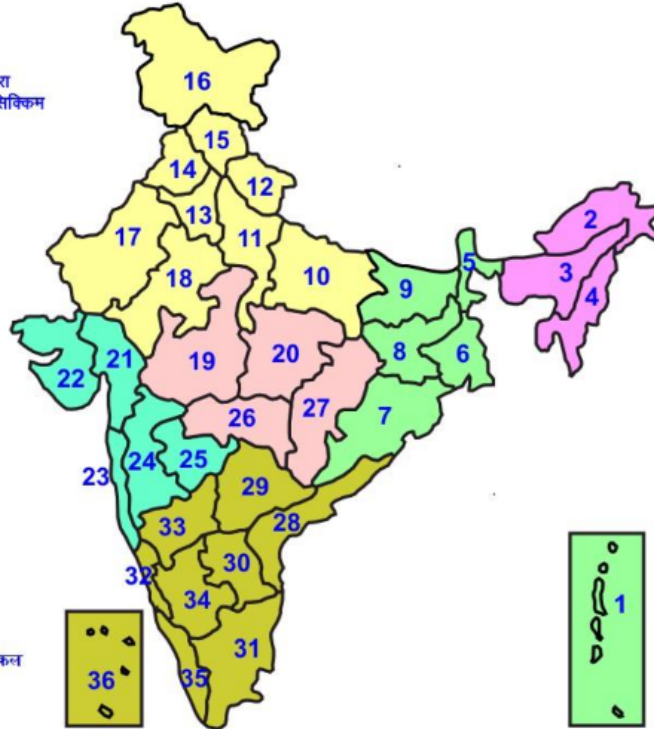
- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds.
- Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.

#### Livestock / Poultry / Fisheries

- Keep the animals inside the shed during 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 excess water, thereby preventing fish from escaping in the event of overflow.
- In regions with high temperatures and heat waves, provide clean, hygienic, and ample drinking water for animals, and cover the roofs of poultry sheds with grass to reduce the adverse effects.

## 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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