

2026-04-23

Time of Issue: 07:55:00 hours IST  
(Morning)

## ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

### Significant Weather Features

#### Northwest India:

- **Isolated to Scattered** light to moderate rainfall/snowfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 24<sup>th</sup> & 25<sup>th</sup>; Himachal Pradesh during 25<sup>th</sup> - 29<sup>th</sup>; Uttarakhand on 25<sup>th</sup> & 26<sup>th</sup> April.
- **Isolated to Scattered** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-40 kmph)** likely over Punjab and Haryana Chandigarh & Delhi during 26<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 30-50 kmph)** likely over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura on 23<sup>rd</sup> & 24<sup>th</sup>; Assam & Meghalaya during 23<sup>rd</sup> -26<sup>th</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Assam & Meghalaya on 26<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Arunachal Pradesh on 24<sup>th</sup>; Assam & Meghalaya during 25<sup>th</sup>; Nagaland, Manipur, Mizoram & Tripura on 25<sup>th</sup> & 26<sup>th</sup> with isolated **very heavy rainfall** likely over Arunachal Pradesh during 25<sup>th</sup> -29<sup>th</sup>; Assam & Meghalaya during 26<sup>th</sup> -29<sup>th</sup> April.

#### East India:

- **Isolated to scattered light** to moderate rainfall with **thunderstorm, lightning gusty winds (speed reaching 30-50 kmph)** likely over Sub-Himalayan West Bengal & Sikkim during 23<sup>rd</sup>-29<sup>th</sup>; Gangetic West Bengal during 24<sup>th</sup> -29<sup>th</sup>; Jharkhand during 24<sup>th</sup> -26<sup>th</sup>; Odisha during 23<sup>rd</sup> -26<sup>th</sup> April.
- **Thundersquall (wind speed reaching 50-60 kmph gusting to 70 kmph)** likely over Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup>; Bihar during 24<sup>th</sup> -26<sup>th</sup>; Gangetic West Bengal on 26<sup>th</sup> & 27<sup>th</sup> April.
- **Isolated heavy rainfall** likely over Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup> & 26<sup>th</sup> April.

#### South Peninsular India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Kerala & Mahe, Telangana, Coastal Karnataka and Interior Karnataka during 23<sup>rd</sup> -26<sup>th</sup>; Coastal Andhra Pradesh & Yanam during 23<sup>rd</sup> -25<sup>th</sup> **with lightning** over Tamil Nadu on 23<sup>rd</sup>-24<sup>th</sup>; Rayalaseema on 23<sup>rd</sup> April.
- Isolated **Hailstorm activity** likely over North Interior Karnataka on 23<sup>rd</sup> April.

#### West India:

- **Isolated** light to moderate rainfall with **thunderstorm, lightning & gusty winds (speed reaching 30-50 kmph)** likely over Konkan & Goa, Madhya Maharashtra, Marathwada during 23<sup>rd</sup> -25<sup>th</sup> April.
- Isolated **Hailstorm activity** likely over Madhya Maharashtra on 23<sup>rd</sup>-24<sup>th</sup> April.

#### Forecast of maximum/day temperatures:

- Gradual rise in maximum temperatures by 3-5°C likely over Northwest India till 26<sup>th</sup> April; gradual fall by about 2-3°C on 27<sup>th</sup> & 28<sup>th</sup> April.
- Gradual rise in maximum temperatures by 2-4 °C likely over central India till 26<sup>th</sup> and no significant change on 27<sup>th</sup> & 28<sup>th</sup> April.
- No significant change in maximum temperatures likely over East India till 25<sup>th</sup> and gradual fall by 2-3 °C during 26<sup>th</sup> -28<sup>th</sup> April.
- Gradual rise in maximum temperatures by 2-3 °C likely over Maharashtra till 25<sup>th</sup> April and no significant

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change during 26<sup>th</sup> -28<sup>th</sup> April.

- No significant change in maximum temperatures likely over Gujrat State till 23<sup>rd</sup> and gradual rise in maximum temperatures by 2-3°C thereafter during 24<sup>th</sup> – 27<sup>th</sup> and no significant change on 28<sup>th</sup> April.
- Gradual rise in maximum temperatures by 2-4 °C likely over Northeast India till 23<sup>rd</sup> and no significant change during 24<sup>th</sup> -28<sup>th</sup> April.
- No significant change in maximum temperatures likely over rest parts of the country.

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

- **Heat wave conditions** very likely in isolated pockets of Punjab, Haryana Chandigarh & Delhi on 24<sup>th</sup> & 25<sup>th</sup>; West Uttar Pradesh during 23<sup>rd</sup> & 25<sup>th</sup>; East Uttar Pradesh, Madhya Pradesh during 23<sup>rd</sup> -26<sup>th</sup>; Rajasthan during 24<sup>th</sup> -26<sup>th</sup>; Vidarbha & Chhattisgarh during 24<sup>th</sup> -27<sup>th</sup>; Gangetic West Bengal, Bihar & Jharkhand on 23<sup>rd</sup> April.
- **Hot & humid weather conditions** very likely to prevail in isolated pockets over Odisha and Coastal Andhra Pradesh & Yanam during 23<sup>rd</sup> -26<sup>th</sup>; Gangetic West Bengal during 23<sup>rd</sup> -25<sup>th</sup>; Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 23<sup>rd</sup> -24<sup>th</sup>; Coastal Karnataka on 23<sup>rd</sup>; coastal areas of Gujarat State on 24<sup>th</sup> -25<sup>th</sup> April.
- **Warm night conditions** very likely to prevail in isolated pockets over Haryana, Chandigarh, Delhi during 23<sup>rd</sup> -25<sup>th</sup>; Odisha during 24<sup>th</sup> -26<sup>th</sup>; Konkan & Goa during 23<sup>rd</sup> -25<sup>th</sup> April.

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**Main Weather Observations:**

❖ **Rainfall distribution** (from 0830 hours IST of yesterday to 0530 hours IST of today): **at most places** over Arunachal Pradesh and Nagaland, Manipur, Mizoram & Tripura; **at many places** over Assam & Meghalaya, Chhattisgarh, Madhya Maharashtra, Tamilnadu Puducherry & Karaikal and North Interior Karnataka; **Dry** over rest of the country.

❖ **Significant rainfall recorded(in cm)** (from 0830 hours IST of yesterday to 0530 hours IST of today): **Arunachal Pradesh:** Itanagar (dist Papum Pare) 1; **Assam & Meghalaya:** Barapani/shillong (dist East Khasi Hills) 1; **Chhattisgarh:** Jagdalpur (dist Bastar) 1.

❖ **Minimum Temperature Departures (as on 22-04-2026):** markedly above normal ( $> 5.1^{\circ}\text{C}$ ) at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, East Madhya Pradesh, Madhya Maharashtra and Tamil Nadu, Puducherry & Karaikal. appreciably above normal ( $3.1^{\circ}\text{C}$  to  $5.0^{\circ}\text{C}$ ) at isolated places over Assam & Meghalaya, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, East Rajasthan, Gujarat Region, Konkan & Goa, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Kerala & Mahe. above normal ( $1.6^{\circ}\text{C}$  to  $3.0^{\circ}\text{C}$ ) at many places over Gangetic West Bengal; at few places over Punjab, Jammu-Kashmir-Ladakh-Gilgit Baltistan-Muzaffarabad and West Rajasthan; at isolated places over Andaman & Nicobar Islands, Saurashtra & Kutch, Marathwada, Telangana and Rayalaseema. near normal ( $-1.5^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$ ) at many places over North Interior Karnataka; at most places over Arunachal Pradesh, Coastal Karnataka, South Interior Karnataka and Lakshadweep. **Today, the lowest minimum temperature of  $16.0^{\circ}\text{C}$  was observed at Bhilwara (East Rajasthan) over the plains of India.**

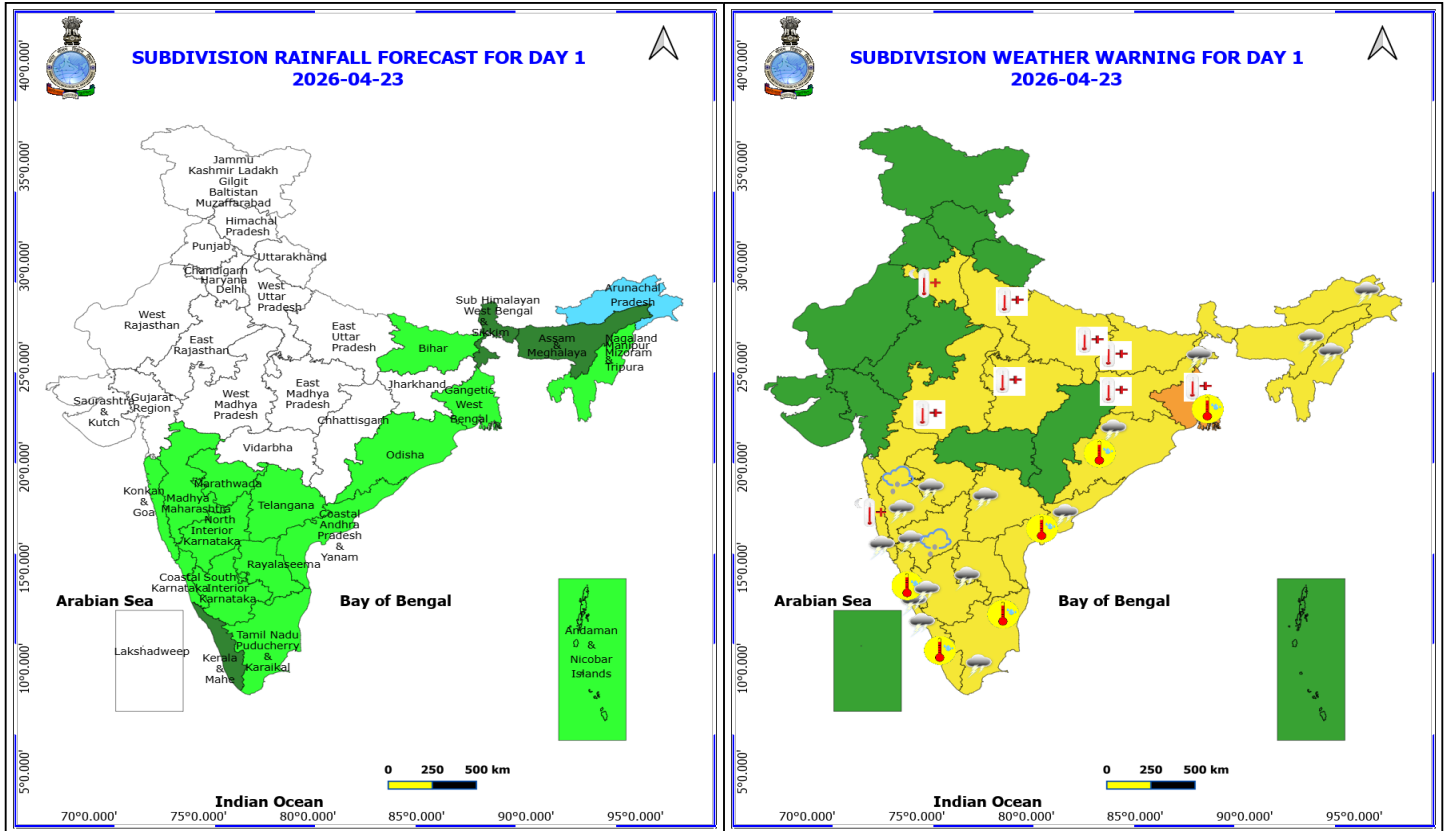
❖ **Maximum Temperature Departures (as on 22-04-2026):** markedly above normal ( $> 5.1^{\circ}\text{C}$ ) at a few places over Jammu-Kashmir; **appreciably above normal ( $3.1^{\circ}\text{C}$  to  $5.0^{\circ}\text{C}$ )** at few places over Himachal Pradesh, Haryana-Chandigarh, Meghalaya, Kerala and Tripura; at isolated places over East Uttar Pradesh. **above normal ( $1.6^{\circ}\text{C}$  to  $3.0^{\circ}\text{C}$ )** at many places over Delhi, Jharkhand, East Madhya Pradesh and Tamil Nadu, Puducherry & Karaikal; at a few places over West Madhya Pradesh, East Rajasthan, Odisha, Vidarbha, West Bengal & Sikkim, Mizoram, Coastal Karnataka and Lakshadweep; at isolated places over Punjab, West Rajasthan and Bihar; **below normal ( $-3.1^{\circ}\text{C}$  to  $-1.6^{\circ}\text{C}$ )** at isolated places over Saurashtra & Kutch and Madhya Maharashtra. The **highest maximum temperature of  $44.6^{\circ}\text{C}$**  is reported at **Jharsiguda (Odisha)**.

### Meteorological Analysis (Based on 0530 hours IST)

- The **Western Disturbance** as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 52°E to the north of Lat. 32°N persists.
- The **trough/ wind discontinuity** from Marathwada to Comorin area across Interior Karnataka, Rayalaseema, Tamil Nadu at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over northeast Assam & neighbourhood now lies over Meghalaya & neighbourhood at 0.9 km above mean sea level.
- The **upper air cyclonic circulation** over southwest Rajasthan & adjoining Pakistan at 0.9 km above mean sea level persists.
- The **upper air cyclonic circulation** over north Tamil Nadu & neighbourhood at 1.5 km above mean sea level persists.
- The **trough** in westerlies at 1.5 km above mean sea level now runs roughly along Long. 90°E to the north of Lat. 21°N.
- **Subtropical westerly Jet Stream** with core winds of the order of 90-120 knots at 12.6 km above mean sea level continues to prevail over East & Northeast India.
- The **Anti-cyclonic circulation** over interior Maharashtra & adjoining Telangana and North Interior Karnataka now lies over central parts of South Madhya Pradesh & neighbourhood between 3.1 & 5.8 km above mean sea level.

### Weather Outlook for subsequent 3 days

- **Widespread** rainfall activity likely over Northeast India, Western Himalayan Region and Isolated rainfall activity over Gujarat and Western parts of Peninsular India.



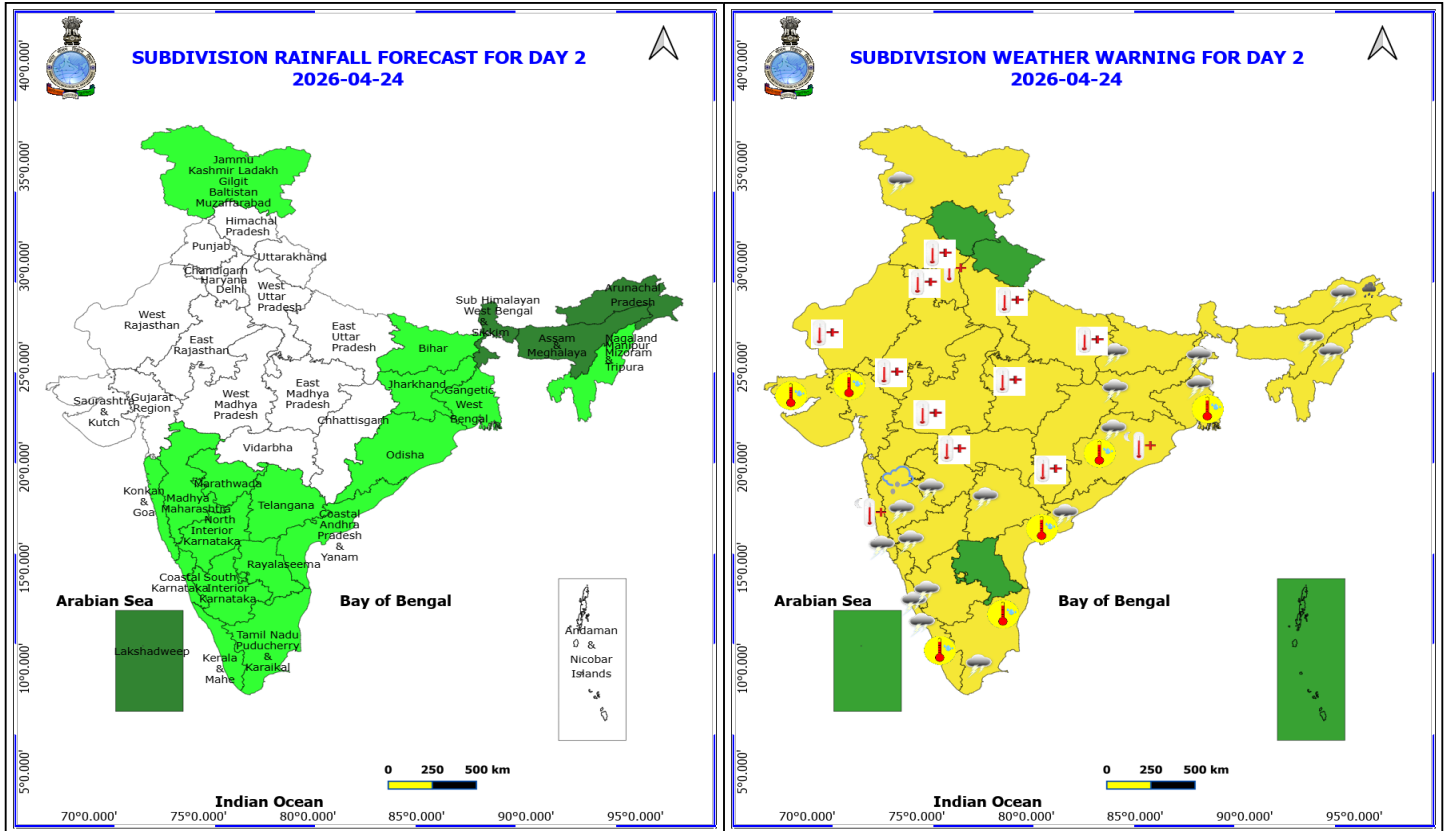
**23 April (Day 1)**

- ❖ **Thunderstorm accompanied with Hailstorm** very likely at isolated places over Madhya Maharashtra and North Interior Karnataka.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Kerala & Mahe, Konkan & Goa, Madhya Maharashtra and Marathwada.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Coastal Andhra Pradesh, Karnataka, Odisha, Sub Himalayan West Bengal & Sikkim and Telangana.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Nagaland, Manipur, Mizoram and Tripura, Rayalaseema and Tamil Nadu Puducherry & Karaikal.
- ❖ **Heat Wave conditions** very likely at isolated places over Bihar, Gangetic West Bengal, Jharkhand, Madhya Pradesh and Uttar Pradesh.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Gangetic West Bengal, Kerala & Mahe, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** very likely at isolated places over Haryana, Chandigarh & Delhi and Konkan & Goa.

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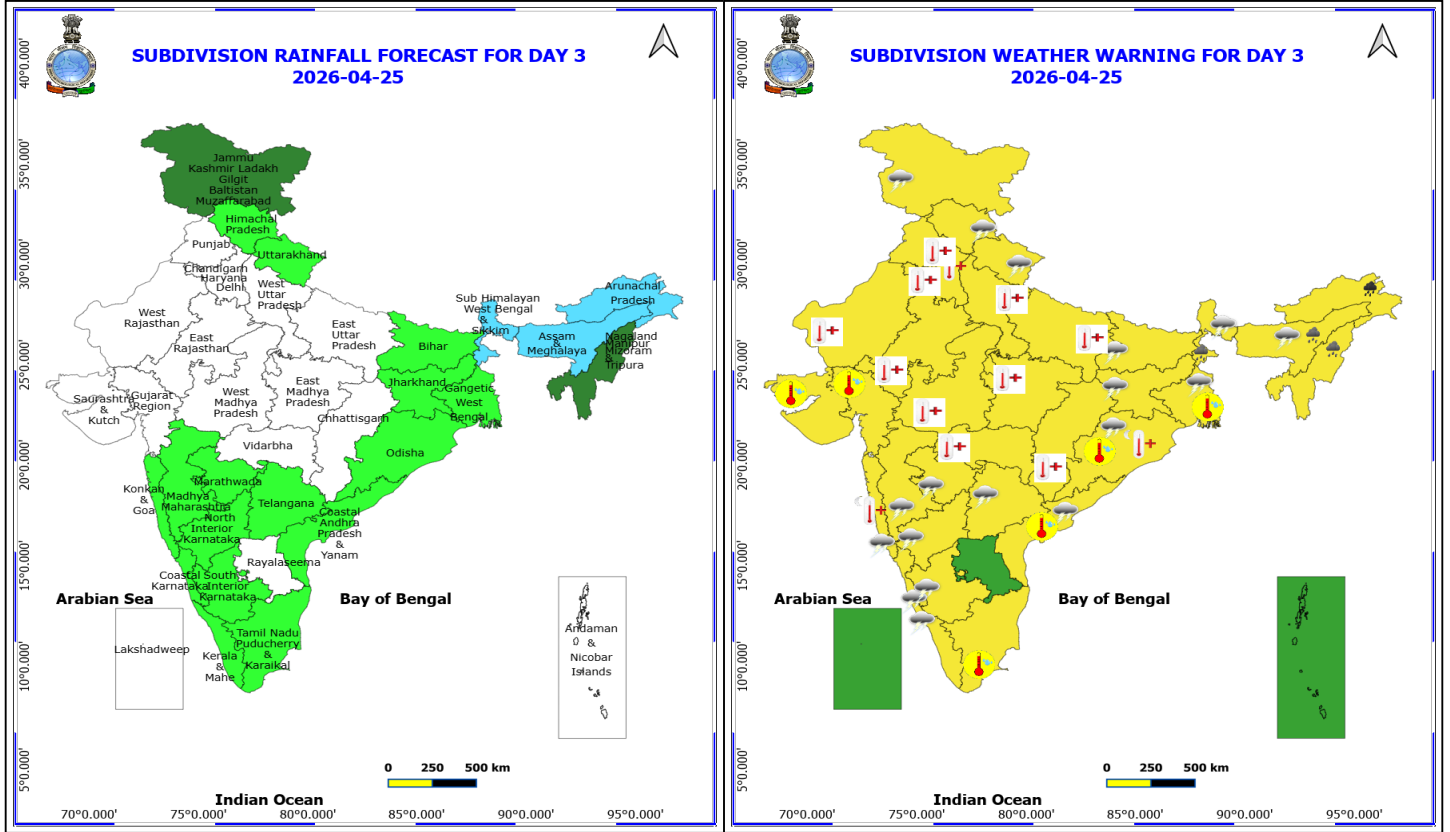
**24 April (Day 2)**

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

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**25 April (Day 3)**

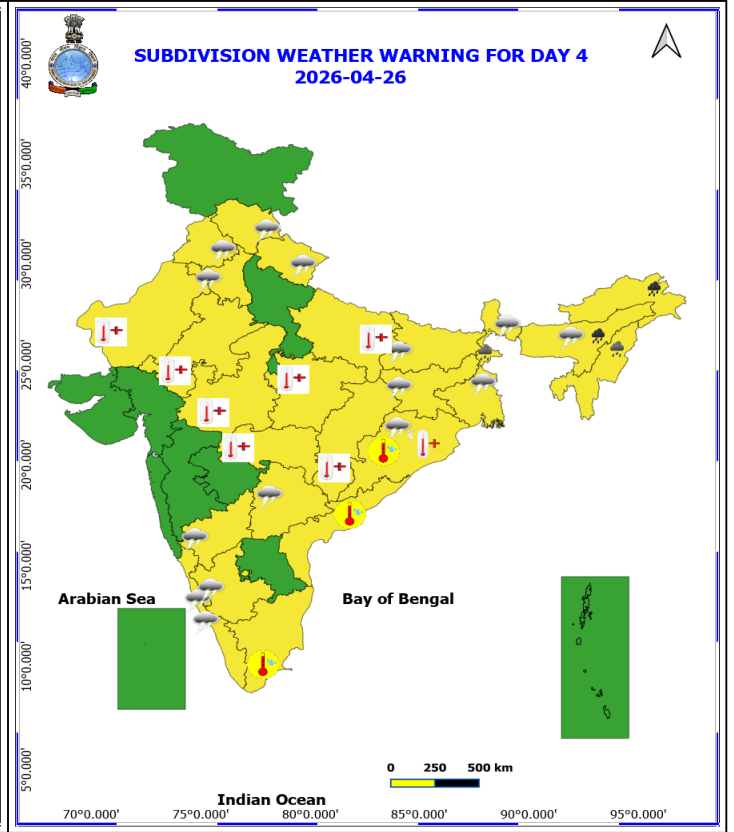
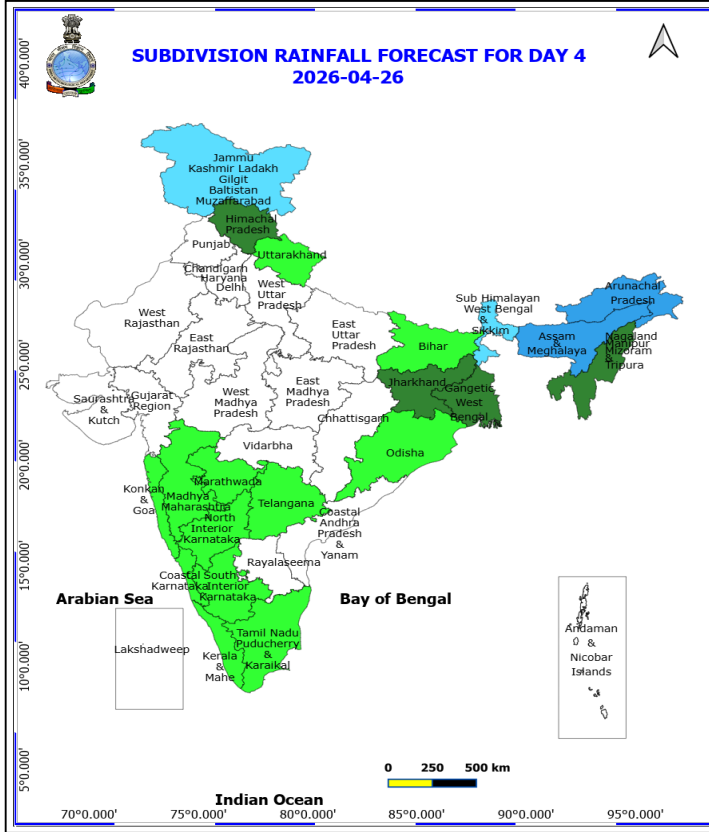
- ❖ **Heavy to Very Heavy Rainfall** very likely at isolated places over Arunachal Pradesh.
- ❖ **Heavy Rainfall** very likely at isolated places over Assam & Meghalaya, Nagaland, Manipur, Mizoram and Tripura and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)**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

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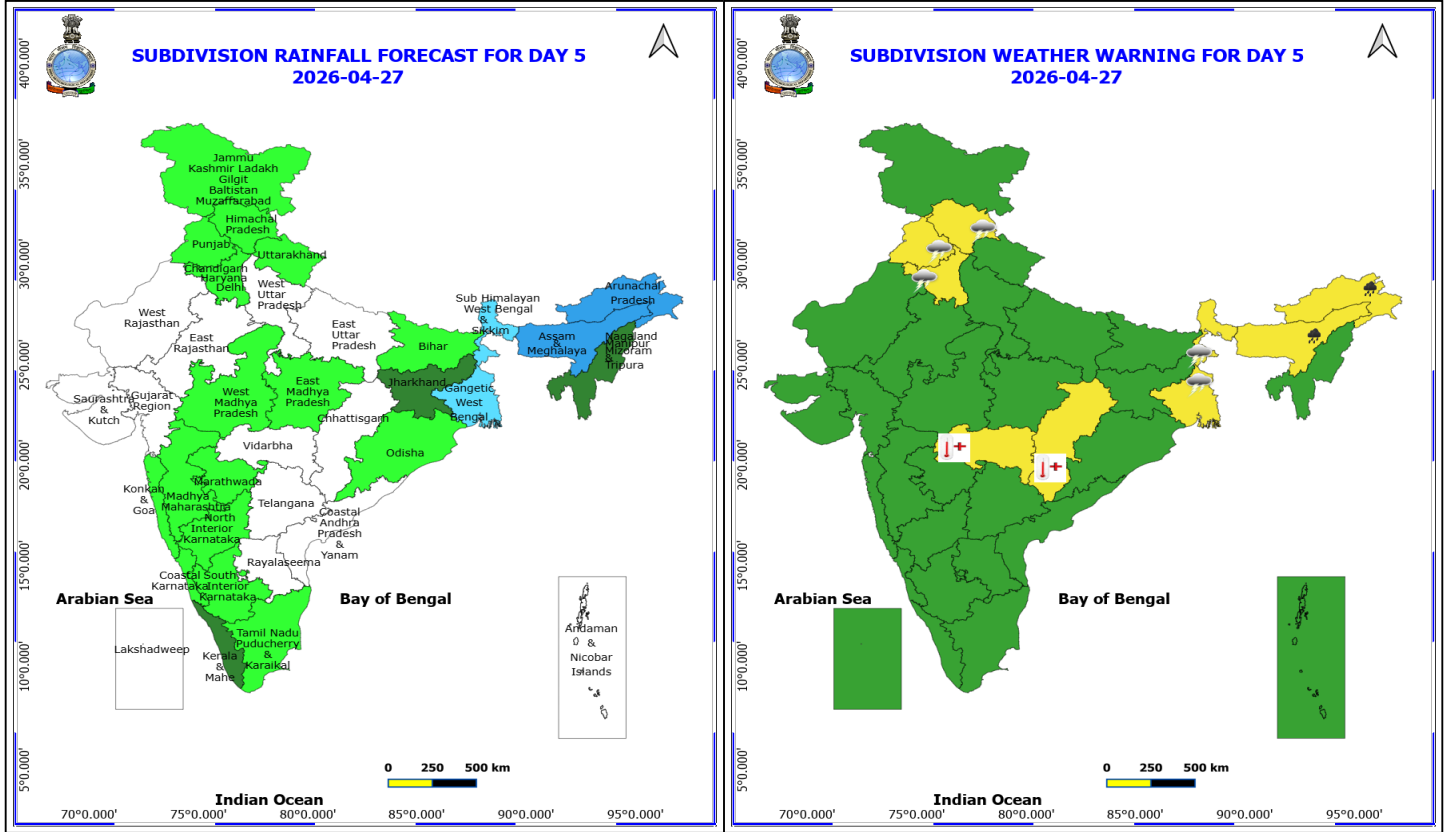
**26 April (Day 4)**

- ❖ **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.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Assam & Meghalaya, Bihar and Gangetic West Bengal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh, Jharkhand, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi, Interior Karnataka, Kerala & Mahe, Punjab, Telangana and Uttarakhand.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Coastal Karnataka.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh, East Uttar Pradesh, Madhya Pradesh, Rajasthan and Vidarbha.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **Warm Night conditions** likely at isolated places over Odisha.

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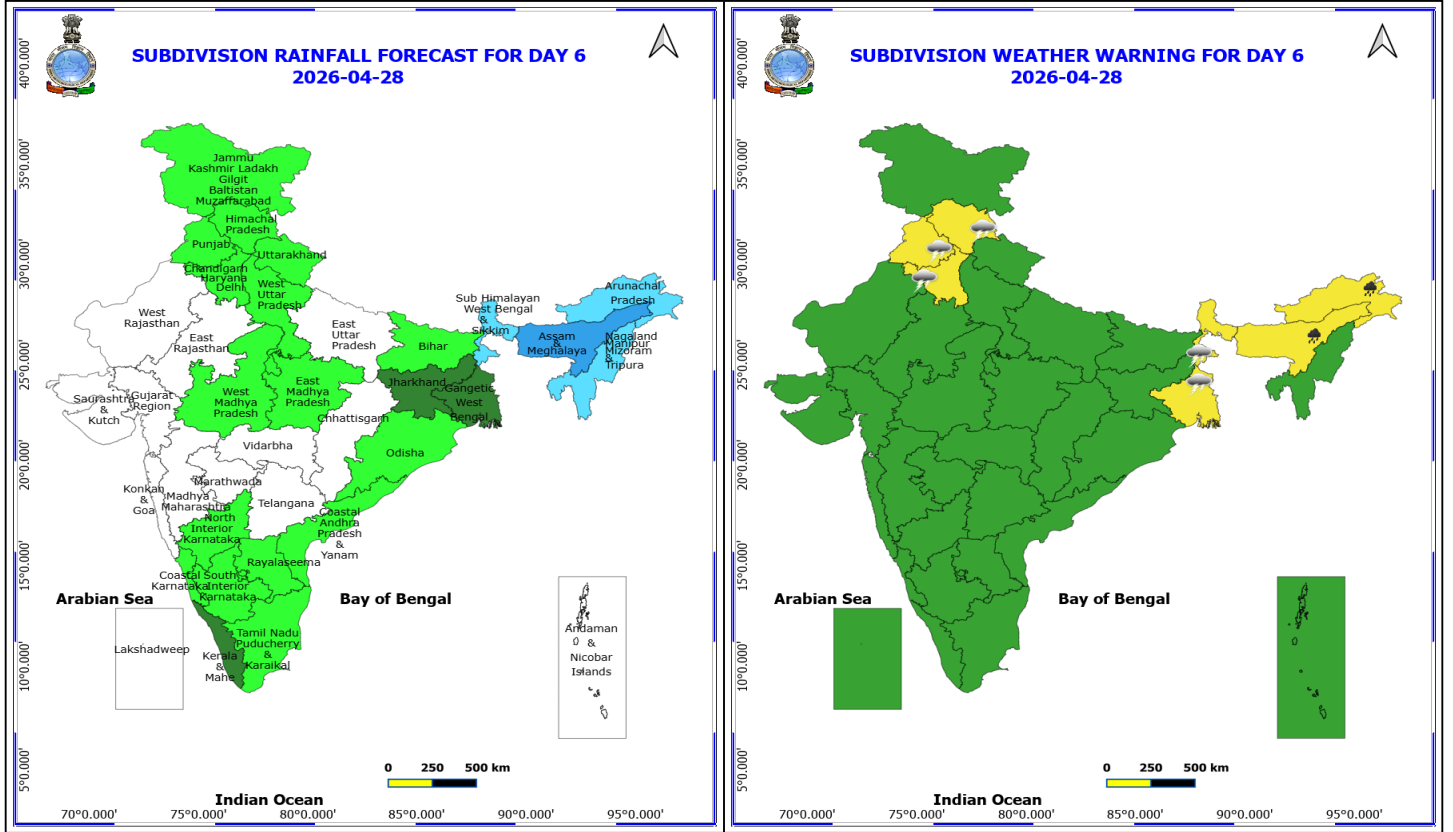


**27 April (Day 5)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thundersquall with wind speed reaching(50-60kmph)** likely at isolated places over Gangetic West Bengal.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.
- ❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh and Vidarbha.

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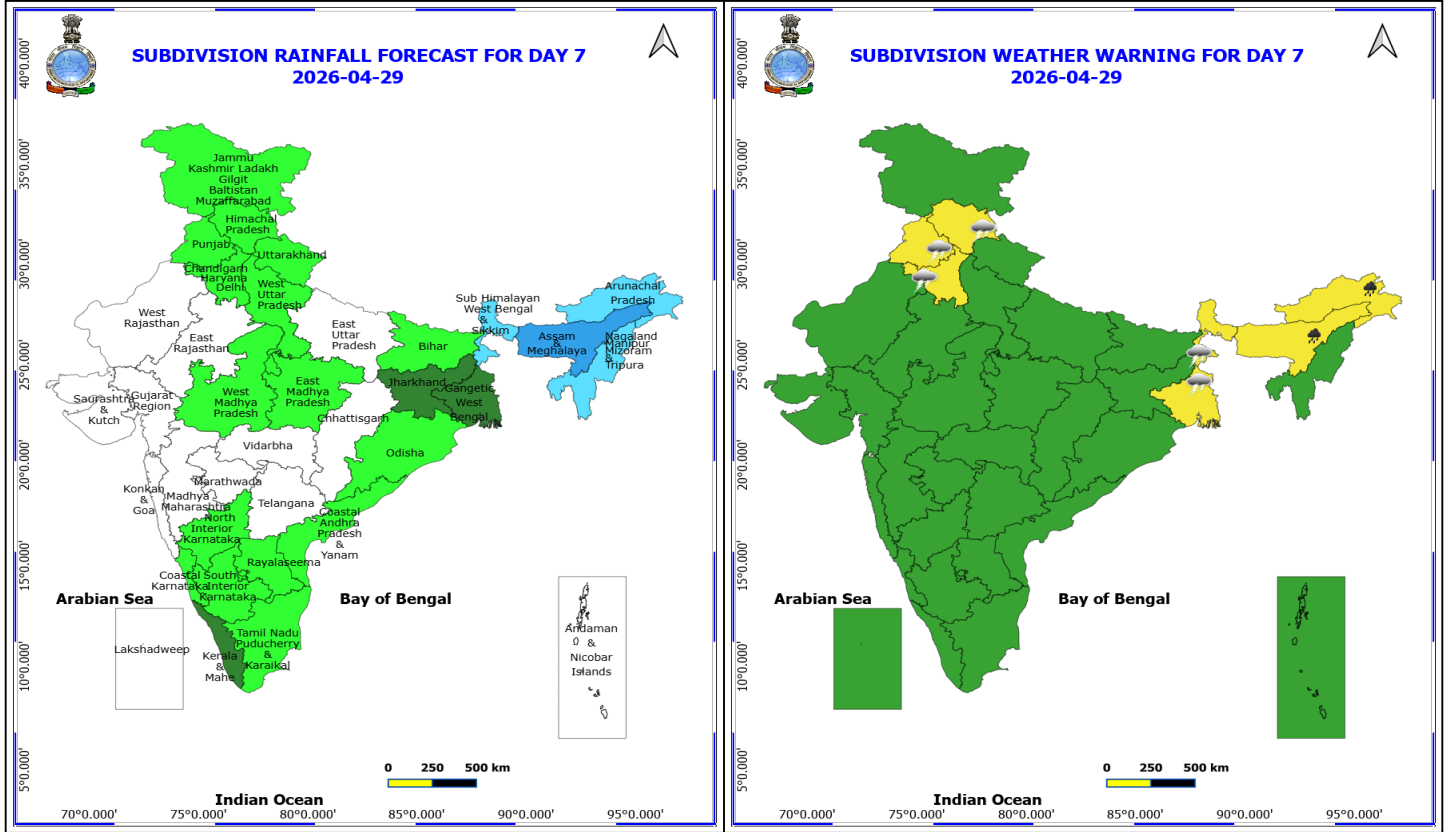


**28 April (Day 6)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

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**29 April (Day 7)**

- ❖ **Heavy to Very Heavy Rainfall** likely at isolated places over Arunachal Pradesh and Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Himachal Pradesh and West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Haryana, Chandigarh & Delhi and Punjab.

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## Table-1

### 7 Days Rainfall Forecast

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

Fig. 2: Departure of Maximum Temp. Dated 2026-04-22

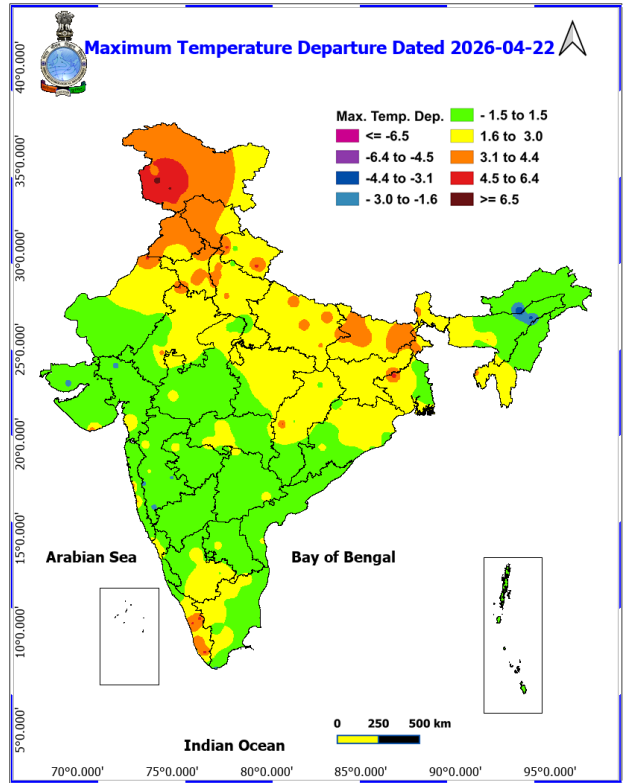
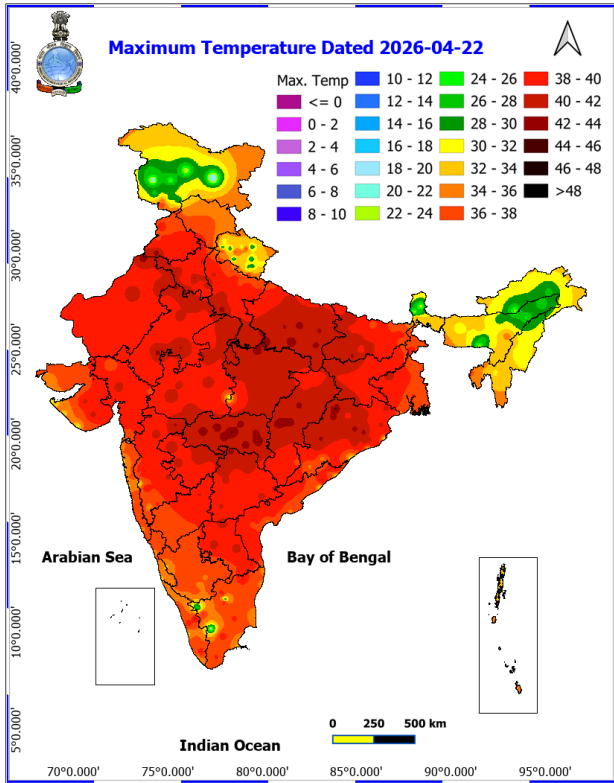
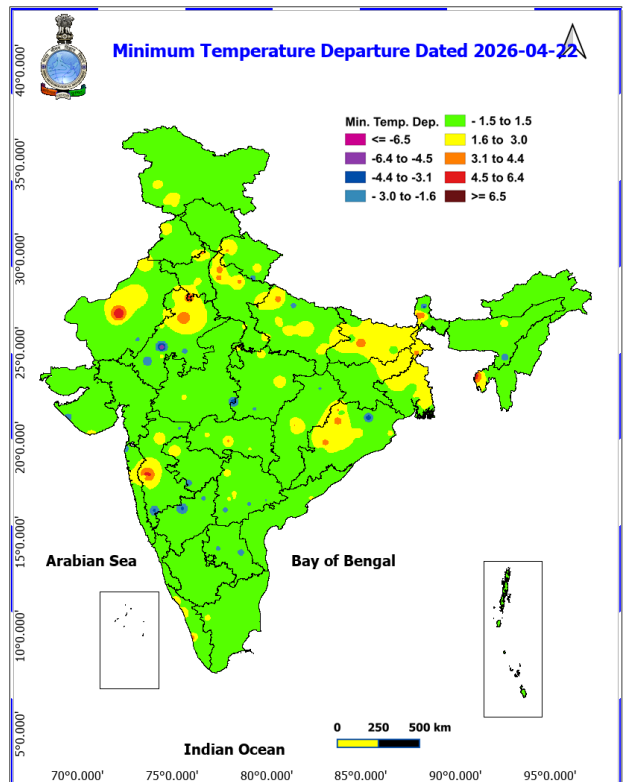
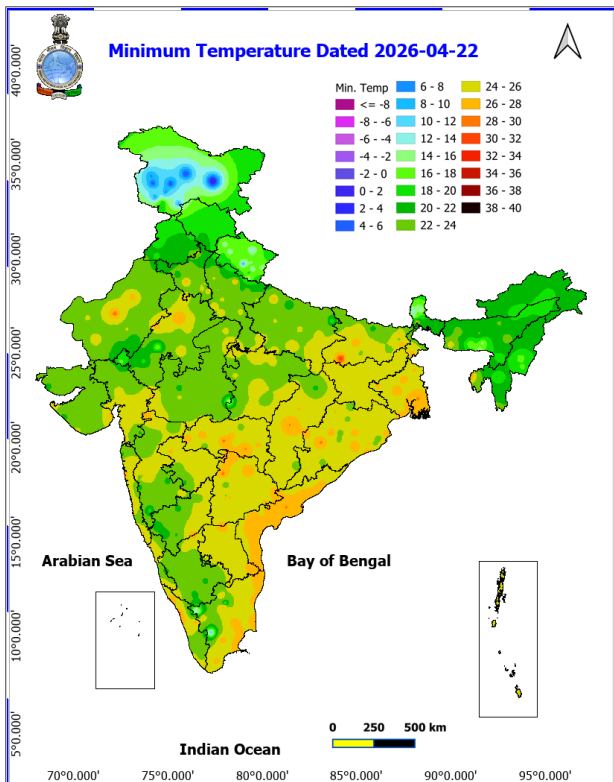
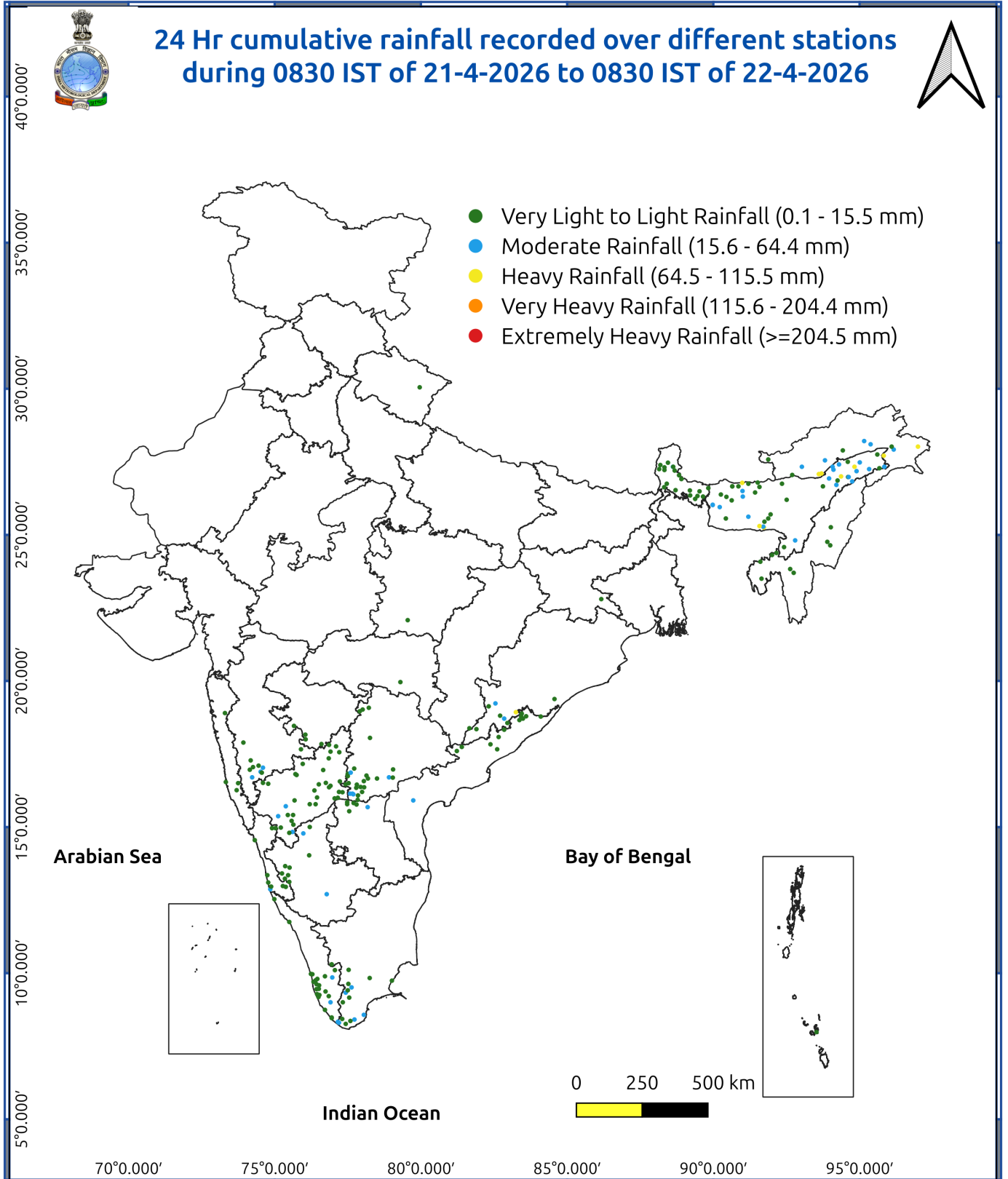


Fig. 3: Minimum Temperatures Dated 2026-04-22

Fig. 4: Departure of Minimum Temp. Dated 2026-04-22





## Impact and Actions

### Impact & suggested due to heavy rainfall

- **Isolated heavy rainfall** likely over Arunachal Pradesh on 24<sup>th</sup>; Assam & Meghalaya during 25<sup>th</sup>, Nagaland, Manipur, Mizoram & Tripura and Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup> & 26<sup>th</sup>, with isolated **very heavy rainfall** likely over Arunachal Pradesh during 25<sup>th</sup>-29<sup>th</sup>; Assam & Meghalaya during 26<sup>th</sup> -29<sup>th</sup> April.

### 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 26<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 25<sup>th</sup>; Bihar during 24<sup>th</sup> -26<sup>th</sup>; Gangetic West Bengal on 26<sup>th</sup> & 27<sup>th</sup> April.
- Isolated **Hailstorm activity** likely over North Interior Karnataka on 23<sup>rd</sup>; Madhya Maharashtra on 23<sup>rd</sup>-24<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.
- Keep away from all the objects that conduct electricity.

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- Impact expected and action suggested due to **Heat wave conditions** very likely in isolated pockets of Punjab, Haryana Chandigarh & Delhi on 24<sup>th</sup> & 25<sup>th</sup>; West Uttar Pradesh during 23<sup>rd</sup> & 25<sup>th</sup>; East Uttar Pradesh, Madhya Pradesh during 23<sup>rd</sup>-26<sup>th</sup>; Rajasthan during 24<sup>th</sup> -26<sup>th</sup>; Vidarbha & Chhattisgarh during 24<sup>th</sup>-27<sup>th</sup>; Gangetic West Bengal, Bihar & Jharkhand on 23rd 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 **Assam, Meghalaya, Madhya Maharashtra, Marathwada and North 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**, harvest cabbage, pea, mustard, late-maturing paddy varieties & potatoes carefully and shift the harvested produce to safe places. Ensure proper drainage channels in the fields of rice, maize, other standing crops, vegetables, and orchards.
- In **Assam and Meghalaya**, make necessary arrangements to remove excess rainwater from the crop fields.
- **Agromet advisories for likely impact of High temperatures/ Heat Waves**
- **Maharashtra** - In **Konkan**, irrigate green gram, vegetables, and newly planted arecanut 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 *Boro* paddy, summer maize, green gram, black gram, groundnut, and vegetable fields. Ensure adequate soil moisture is maintained in mango and cashew crops.
- **Madhya Pradesh** – Apply light irrigation to maize, *moong*, *urd*, groundnut and vegetable crops as per requirement.
- **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.
- **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.
- **Punjab and Haryana** – Provide light irrigation to maintain adequate moisture in standing crops such as summer *moong*, cotton, vegetables, mango, guava & loquat.
- **Uttar Pradesh** -

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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.
- **Tamilnadu** - 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

- 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.

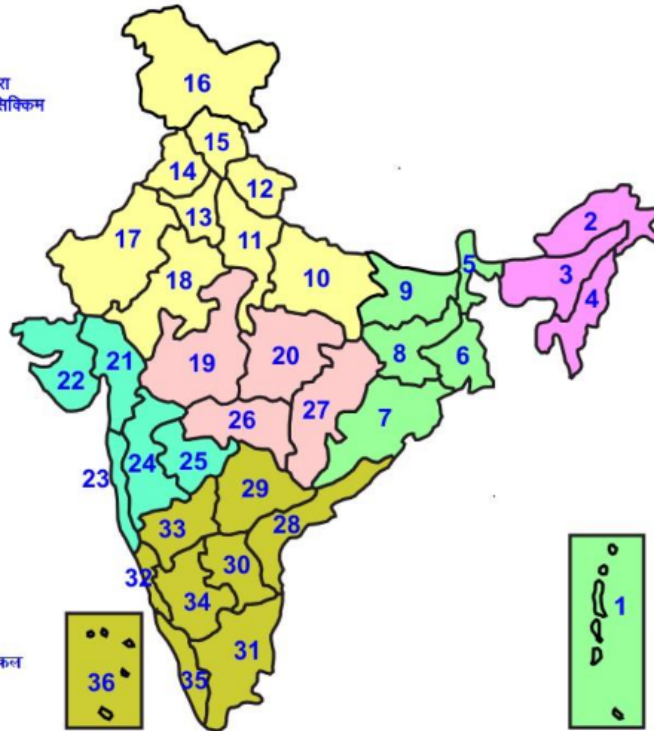
### Legends & abbreviations:

### 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 Marathwada.
- **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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