

#### National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

Saturday, April 27, 2024 Time of Issue: 0800 hours IST (MORNING)

#### ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

#### **Significant Weather Features:**

#### **Weather Systems and Forecast & Warnings:**

- ❖ A Western Disturbance as a cyclonic circulation lies over Pakistan & neighbourhood in lower & middle levels. An induced cyclonic circulation lies over West Rajasthan in lower tropospheric levels. Under their influence:
  - ✓ Fairly widespread to widespread light to moderate rainfall/snowfall accompanied with **thunderstorm**, **lightning** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and isolated rainfall over Uttarakhand during 27<sup>th</sup>-29<sup>th</sup> April, 2024 with possibility of **hailstorm over Himachal Pradesh during 27<sup>th</sup>-28<sup>th</sup> and Uttarakhand on 28<sup>th</sup> & 29<sup>th</sup> April, 2024.**
  - ✓ Isolated **Heavy rainfall** also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 27<sup>th</sup>-29<sup>th</sup> April and over Himachal Pradesh on 29<sup>th</sup> April, 2024.
  - ✓ Isolated to scattered rainfall accompanied with **thunderstorm**, **lightning & gusty winds (40-50 kmph)** very likely over Punjab, Haryana-Chandigarh-Delhi during 27<sup>th</sup>-28<sup>th</sup> April, 2024. Isolated **Hailstorm** very likely over Punjab and Haryana, Chandigarh & Delhi on 27<sup>th</sup> April, 2024.
  - ✓ **Strong surface winds (25-35 kmph)** very likely to prevail over Uttar Pradesh, Bihar and south Rajasthan on 27<sup>th</sup> April 2024.
- ❖ A trough/wind discontinuity runs from Marathwada to north Tamil Nadu in lower tropospheric levels. Under their influence:
  - ✓ Isolated light to moderate rainfall accompanied with **thunderstorm, lightning & gusty winds (30-40 kmph)** very likely over Madhya Maharashtra, Marathwada, Madhya Pradesh, Vidarbha, Chhattisgarh on 27<sup>th</sup> April, 2024.
  - ✓ Isolated **Hailstorm** very likely over Madhya Pradesh on 27<sup>th</sup> April, 2024.
- A cyclonic circulation lies over northeast Assam in lower tropospheric levels. Another cyclonic circulation lies over north Bangladesh and a trough runs from this to north Odisha in lower tropospheric levels. Under their influence:
  - Fairly widespread to widespread light to moderate rainfall/snowfall accompanied with isolated **thunderstorm** & lightning & gusty winds (40-50 kmph) very likely over Arunachal Pradesh and scattered to fairly widespread rainfall over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 27<sup>th</sup>-30<sup>th</sup> April, 2024.
  - ✓ Isolated light to moderate rainfall accompanied with **thunderstorm & lightning** very likely over Sikkim on 28<sup>th</sup> April. 2024.
  - ✓ **Isolated heavy rainfall** very likely over Arunachal Pradesh and Assam & Meghalaya on 28th & 30th April, 2024.

#### **Maximum temperature observation:**

❖ Yesterday, maximum temperatures were in the range of 42-44°C over many parts of Odisha & Rayalaseema; in some parts of Gangetic West Bengal, Vidarbha & Telangana and in isolated pockets over Chhattisgarh, East Uttar Pradesh, Madhya Pradesh & Madhya Maharashtra; 40-42°C over many parts of Bihar, Rayalaseema, Jharkhand, Marathwada and Coastal Andhra Pradesh & Yanam; in some parts of Gujarat state and Tamil Nadu and in isolated pockets over Sub-Himalayan West Bengal, Haryana-Chandigarh-Delhi & West Uttar Pradesh. These were above normal by 4-6°C over many parts of West Bengal; at isolated pockets over Bihar, Odisha, Telangana and Tamil Nadu and above normal by 2-4°C over many parts of Andhra Pradesh; in some parts of East Uttar Pradesh & Chhattisgarh and in isolated pockets over Haryana-Chandigarh-Delhi, Rajasthan, Madhya Pradesh and Vidarbha.

#### Heat Wave, Warm Night and Hot & Humid weather warning for next 5 days:

- ❖ Heat Wave to severe heat wave conditions very likely to prevail in many places over Gangetic West Bengal, in some parts over Odisha and in isolated pockets over Sub-Himalayan West Bengal during next 5 days. Heat wave conditions in isolated pockets over Bihar, Jharkhand, Telangana, Rayalaseema, Interior Karnataka, Tamil Nadu, East Uttar Pradesh during next 5 days; Kerala & Mahe during 27th-28th; Konkan during 27th-29th and West Uttar Pradesh, Coastal Andhra Pradesh & Yanam during 28th-30th April, 2024.
- ❖ Hot and humid weather very likely to prevail over Assam & Meghalaya, Tripura during 27<sup>th</sup>-28<sup>th</sup>; Kerala & Mahe, Coastal Karnataka, Tamil Nadu, Puducherry & Karaikal during 27<sup>th</sup>-30<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 27<sup>th</sup> April, 2024.





#### **Main Weather Observations:**

- ❖ Rainfall distribution (from 0830 hours IST to 1730 hours IST of yesterday): at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and at isolated places over West Madhya Pradesh, Gujarat Region and North Interior Karnataka.
- **❖ Significant amount of rainfall** (from 0830 hours IST to 1730 hours IST of yesterday) (in cm): **West Madhya Pradesh:** Betul-2, Ratlam-1;
- ❖ Yesterday, **Heat wave to severe heat wave** conditions observed at many places over West Bengal; at isolated places over Odisha and **heat wave conditions** at many places over East Bihar and at isolated places over Kerala. **Heat wave conditions have been prevailing over Odisha since 15**<sup>th</sup> **and Gangetic West Bengal since 17**<sup>th</sup> **April.**
- ❖ Minimum Temperature Departures (as on 26-04-2024): Minimum temperatures were markedly above normal (5.1°C or more) at isolated places over Madhya Maharashtra; appreciably above normal (3.1°C to 5.0°C) at isolated places over Gangetic West Bengal; above normal (1.6°C to 3.0°C) at many places over Kerala & Mahe; at a few places over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; at isolated places over Arunachal Pradesh, Bihar, Odisha, Marathwada, Saurashtra & Kutch, Konkan & Goa and Tamil Nadu, Puducherry & Karaikal. These were below normal (-1.6°C to -3.0°C) at isolated places over Punjab, Haryana-Chandigarh-Delhi, Madhya Pradesh, Gujarat state, Chhattisgarh and near normal over rest parts of the country. Yesterday, the lowest minimum temperature of 19.8°C was reported at Karnal (Haryana) over the plains of the country.
- ❖ Maximum Temperature Departures (as on 26-04-2024): Maximum temperatures were markedly above normal (5.1°C or more) at a few places over Gangetic West Bengal and Bihar; at isolated places over Sub-Himalayan West Bengal & Sikkim; appreciably above normal (3.1°C to 5.0°C) at many places over Rayalaseema; at a few places over Odisha, Telangana, Jharkhand and at isolated places over Tamil Nadu, Puducherry & Karaikal and Nagaland, Manipur, Mizoram & Tripura; above normal (1.6°C to 3.0°C) at a few places over Chhattisgarh, Arunachal Pradesh; at isolated places over Coastal Andhra Pradesh & Yanam, Interior Karnataka, Konkan & Goa and Kerala & Mahe. These were markedly below normal (-5.1°C or less) at a few places over Madhya Pradesh below normal (-1.6°C to -3.0°C) at a few places over Gujarat state at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and near normal over rest parts of the country. Yesterday, the highest maximum temperature of 44.6°C was reported at Nandyal (Rayalaseema) over the country.

#### राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



#### National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

# Meteorological Analysis (Based on 0530 hours IST)

- ❖ The Western Disturbance as a cyclonic circulation over south Iran & adjoining south Pakistan now lies over Pakistan & neighbourhood between 3.1 & 5.8 km above mean sea level with a trough aloft in upper tropospheric westerlies with its axis at 7.6 km above mean sea level roughly along long. 62°E to the north of lat. 25°N.
- The induced cyclonic circulation over West Rajasthan extending upto 1.5 km above mean sea level persists.
- ❖ The cyclonic circulation over northeast Assam & neighbourhood at 1.5 km above mean sea level persists.
- ❖ The cyclonic circulation over north Bangladesh at 0.9 km above mean sea level persists.
- ❖ The trough from above cyclonic circulation over north Bangladesh to north Odisha across Gangetic West Bengal at 0.9 km above mean sea level persists.
- ❖ The trough/wind discontinuity from Marathwada to north Tamil Nadu across Interior Karnataka extending upto 1.5 km above mean sea level persists.

# Weather Forecast for next 7 days (Upto 0830 hours IST of 04th May, 2024)

- ❖ Meteorological sub-division wise detailed 7 days rainfall forecast is given in Table-1.
- ❖ No significant change in maximum temperatures very likely over Central India during next 24 hours and rise by about 2°C thereafter.
- \* Rise in maximum temperatures by 2-3°C very likely over East India during next 24 hours and no significant change thereafter.
- ❖ Rise in maximum temperatures by 2-3°C very likely over Maharashtra and many parts of south peninsular India during next 4 days.
- ❖ No significant change in maximum temperatures very likely over rest parts of the country.

## Weather Outlook for subsequent 3 days (During 04th-06th May, 2024)

- ❖ Isolated to scattered light/moderate rainfall likely over Northwest, Northeast & south Peninsular India.
- ❖ Dry weather likely to prevail over rest parts of the country.



# राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



## National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

## Table-1

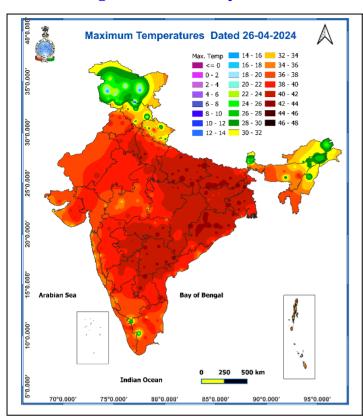
| 7 Days Rainfall Forecast |                                      |      |      |      |      |       |       |       |
|--------------------------|--------------------------------------|------|------|------|------|-------|-------|-------|
|                          |                                      | 27-  | 28-  | 29-  | 30-  | 01-   | 02-   | 03-   |
| S.                       |                                      | Apr  | Apr  | Apr  | Apr  | May   | May   | May   |
| No.                      | Subdivision                          | Day  | Day  | Day  | Day  |       | -     |       |
|                          |                                      | 1    | 2    | 3    | 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   | WS    | WS    | WS    |
| 3                        | ASSAM & MEGHALAYA                    | SCT  | FWS  | FWS  | WS   | WS    | WS    | WS    |
| 4                        | NAGALAND, MANIPUR, MIZORAM & TRIPURA | SCT  | SCT  | SCT  | FWS  | WS    | WS    | WS    |
| 5                        | SUB-HIMALAYAN WEST BENGAL & SIKKIM   | ISOL | ISOL | ISOL | ISOL | SCT   | SCT   | SCT   |
| 6                        | GANGETIC WEST BENGAL                 | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 7                        | ODISHA                               | ISOL | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 8                        | JHARKHAND                            | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 9                        | BIHAR                                | ISOL | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 10                       | EAST UTTAR PRADESH                   | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 11                       | WEST UTTAR PRADESH                   | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 12                       | UTTARAKHAND                          | SCT  | ISOL | ISOL | ISOL | ISOL  | DRY   | DRY   |
| 13                       | HARYANA CHANDIGARH & DELHI           | ISOL | ISOL | DRY  | DRY  | DRY   | DRY   | DRY   |
| 14                       | PUNJAB                               | SCT  | SCT  | ISOL | ISOL | DRY   | DRY   | DRY   |
| 15                       | HIMACHAL PRADESH                     | FWS  | FWS  | FWS  | SCT  | ISOL  | DRY   | DRY   |
| 16                       | JAMMU & KASHMIR AND LADAKH           | WS   | WS   | WS   | SCT  | ISOL  | DRY   | DRY   |
| 17                       | WEST RAJASTHAN                       | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 18                       | EAST RAJASTHAN                       | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 19                       | WEST MADHYA PRADESH                  | ISOL | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 20                       | EAST MADHYA PRADESH                  | ISOL | ISOL | DRY  | DRY  | DRY   | DRY   | DRY   |
| 21                       | GUJARAT REGION                       | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 22                       | SAURASHTRA & KUTCH                   | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 23                       | KONKAN & GOA                         | DRY  | ISOL | ISOL | DRY  | DRY   | DRY   | DRY   |
| 24                       | MADHYA MAHARASHTRA                   | ISOL | ISOL | ISOL | DRY  | DRY   | DRY   | DRY   |
| 25                       | MARATHAWADA                          | ISOL | ISOL | ISOL | DRY  | DRY   | DRY   | DRY   |
| 26                       | VIDARBHA                             | ISOL | ISOL | DRY  | DRY  | DRY   | DRY   | DRY   |
| 27                       | CHHATTISGARH                         | ISOL | ISOL | ISOL | DRY  | DRY   | DRY   | DRY   |
| 28                       | COASTAL ANDHRA PRADESH & YANAM       | DRY  | DRY  | DRY  | DRY  | ISOL  | ISOL  | ISOL  |
| 29                       | TELANGANA                            | DRY  | ISOL | ISOL | ISOL | ISOL  | DRY   | DRY   |
| 30                       | RAYALASEEMA                          | DRY  | DRY  | DRY  | DRY  | ISOL  | ISOL  | ISOL  |
| 31                       | TAMILNADU PUDUCHERRY & KARAIKAL      | DRY  | DRY  | DRY  | ISOL | ISOL  | ISOL  | ISOL  |
| 32                       | COASTAL KARNATAKA                    | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |
| 33                       | NORTH INTERIOR KARNATAKA             | DRY  | DRY  | ISOL | ISOL | ISOL  | DRY   | DRY   |
| 34                       | SOUTH INTERIOR KARNATAKA             | DRY  | DRY  | ISOL | ISOL | ISOL  | ISOL  | ISOL  |
| 35                       | KERALA & MAHE                        | ISOL | ISOL | ISOL | ISOL | ISOL  | ISOL  | ISOL  |
| 36                       | LAKSHADWEEP                          | DRY  | DRY  | DRY  | DRY  | DRY   | DRY   | DRY   |

| Legend | Category                      | %<br>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             |  |



## Fig. 1: Maximum Temperatures

## Fig. 2: Departure of Maximum Temperatures



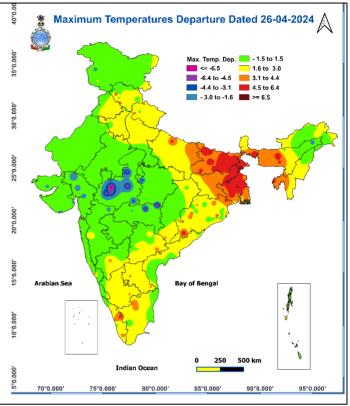
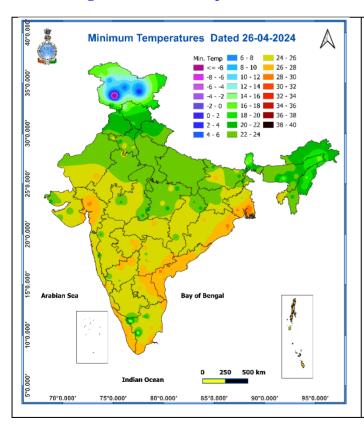


Fig. 3: Minimum Temperatures

Fig. 4: Departure of Minimum Temperatures



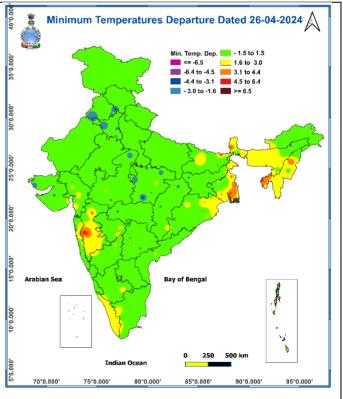
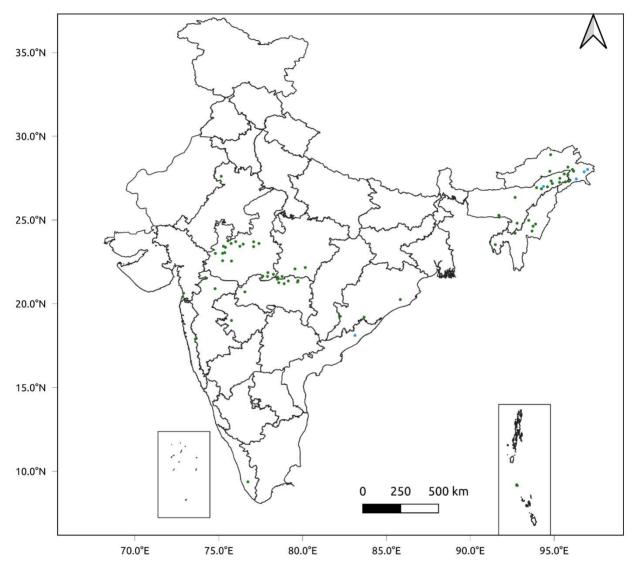




Fig. 5: Accumulated Rainfall (mm) during past 24 hours



# 24 Hr cumulative rainfall recorded over different stations during 0830 IST of 25-4-2024 to 0830 IST of 26-4-2024

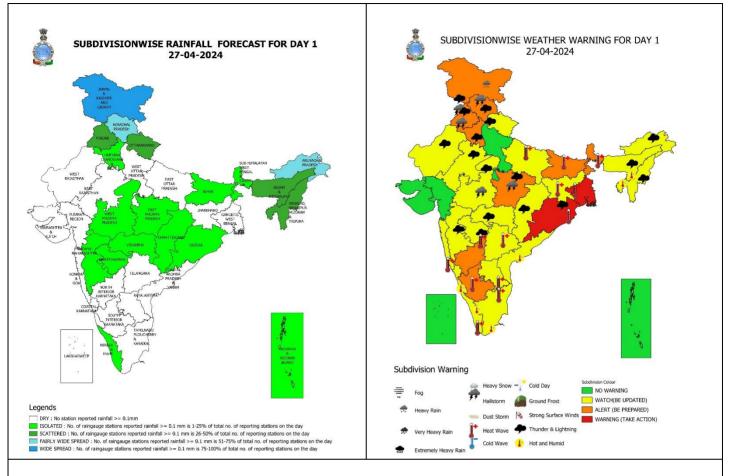


# Legends

- Very Light to Light Rainfall (0.1 15.5 mm)
- Moderate Rainfall (15.6 64.4 mm)
- Heavy Rainfall (64.5 115.5 mm)
- Very Heavy Rainfall (115.6 204.4 mm)
- Extremely Heavy Rainfall (>=204.5 mm)





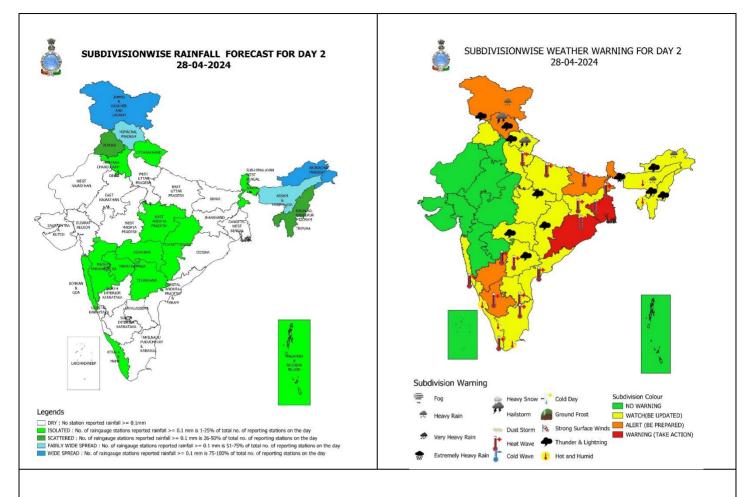


# 27 April (Day 1):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Himachal Pradesh, Punjab, Haryana-Chandigarh and Madhya Pradesh; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over Chhattisgarh; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Uttarakhand, Rajasthan, Vidarbha, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Madhya Maharashtra and Marathwada; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Odisha and Arunachal Pradesh
- ❖ Heavy rainfall very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- \* Hot and humid weather very likely to prevail over Assam & Meghalaya, Tripura, Konkan & Goa, Coastal Andhra Pradesh & Yanam, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave to severe heat wave conditions very likely to prevail at many places over Gangetic West Bengal and north Odisha; in isolated pockets over Sub-Himalayan West Bengal; heat wave conditions in isolated pockets over East Uttar Pradesh, Bihar, Jharkhand, Konkan & Goa, Telangana, Rayalaseema, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.





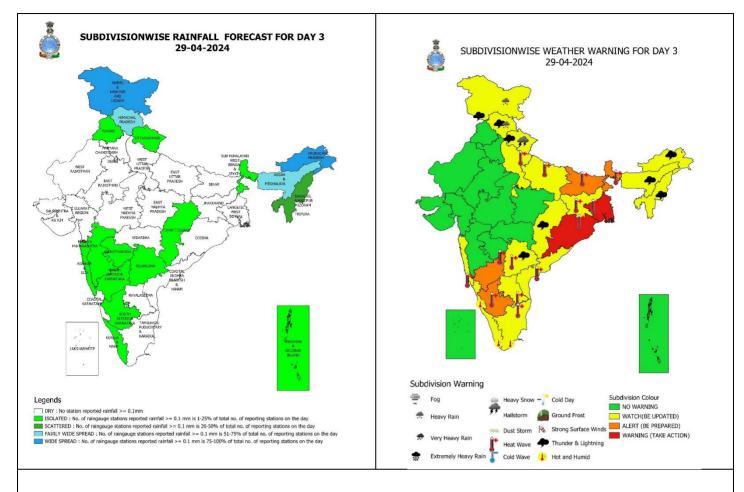


# 28 April (Day 2):

- \*Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) & hailstorm very likely at isolated places over Punjab, Haryana & Chandigarh; with lightning, gusty winds (speed reaching 30-40 kmph) & hailstorm at isolated places over Uttarakhand; with lightning & hailstorm at isolated places over Himachal Pradesh; with lightning & gusty winds (speed reaching 40-50 kmph) at isolated places over East Madhya Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Vidarbha, Chhattisgarh, Sub-Himalayan West Bengal & Sikkim and Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Arunachal Pradesh and Konkan & Goa.
- **\Lambda Heavy rainfall** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Arunachal Pradesh and Assam & Meghalaya.
- \* Hot and humid weather very likely to prevail over Assam & Meghalaya, Tripura, Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave to severe heat wave conditions very likely to prevail in many parts of Gangetic West Bengal; in some parts of Odisha; in isolated pockets over Sub-Himalayan West Bengal; heat wave conditions in isolated pockets over Uttar Pradesh, Bihar, Jharkhand, Konkan & Goa, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.





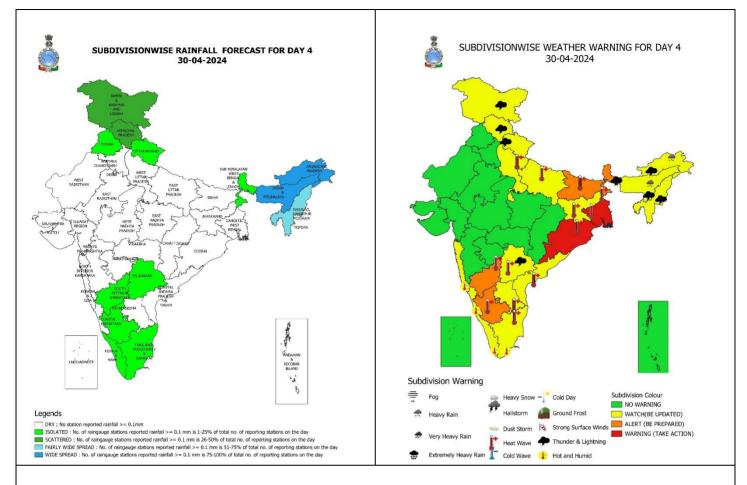


# 29 April (Day 3):

- Thunderstorm accompanied with lightning, gusty winds (speed reaching 30-40 kmph) & hailstorm likely at isolated places over Uttarakhand; with lightning & gusty winds (speed reaching 30-40 kmph) at isolated places over Chhattisgarh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura and Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Arunachal Pradesh and Konkan & Goa.
- **Heavy rainfall** likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh.
- ❖ Hot and humid weather likely to prevail over Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave to severe heat wave conditions likely to prevail in many parts of Gangetic West Bengal; in some parts of Odisha; in isolated pockets over Sub-Himalayan West Bengal; heat wave conditions in isolated pockets over Uttar Pradesh, Bihar, Jharkhand, Konkan & Goa, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.





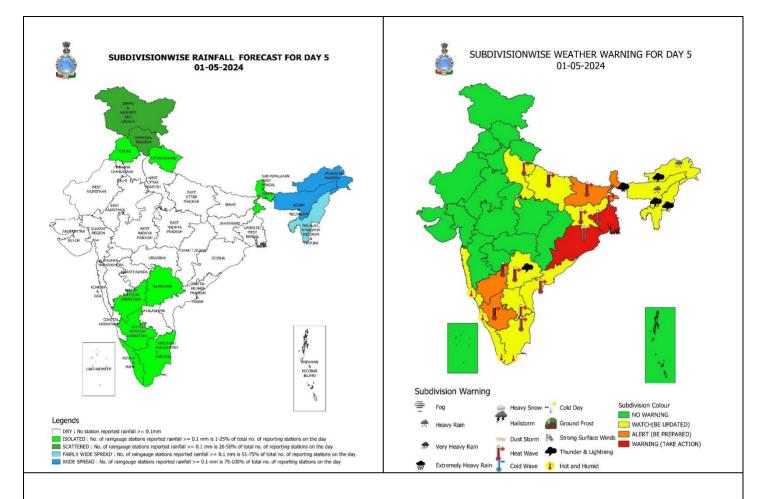


# **30 April (Day 4):**

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Uttarakhand and Telangana; with lightning at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ❖ Hot and humid weather likely to prevail over Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave to severe heat wave conditions likely to prevail in many parts of Gangetic West Bengal; in some parts of Odisha; in isolated pockets over Sub-Himalayan West Bengal; heat wave conditions in isolated pockets over Uttar Pradesh, Bihar, Jharkhand, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.







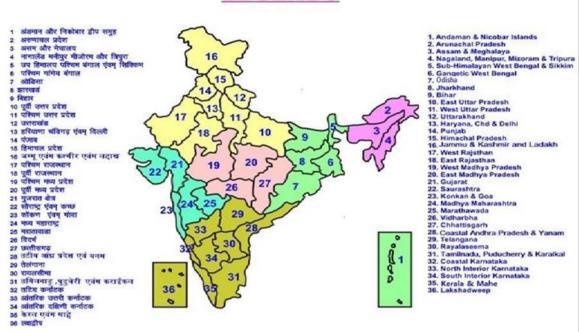
# 01 May (Day 5):

- ❖ Thunderstorm accompanied with lightning & gusty winds (speed reaching 30-40 kmph) likely at isolated places over Telangana; with lightning at isolated places over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- ❖ Hot and humid weather likely to prevail over Konkan & Goa, Coastal Karnataka, Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal.
- ❖ Heat wave to severe heat wave conditions likely to prevail in many parts of Gangetic West Bengal; in some parts of Odisha; in isolated pockets over Sub-Himalayan West Bengal; heat wave conditions in isolated pockets over Uttar Pradesh, Bihar, Jharkhand, Telangana, Coastal Andhra Pradesh & Yanam, Rayalaseema, Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.









## 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 Widespred (FWS/ Many Places) | 1-25       | Isolated (ISOL)               |

## 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                          |  |  |





