



Date of Issue: 16-04-2025
 Time of Issue: 1330 IST

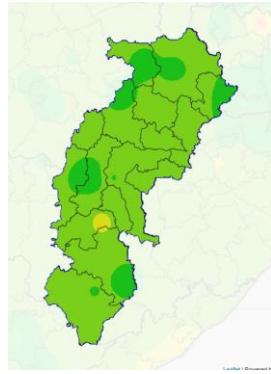
Key Points

- In past 24 hours, thunderstorm with gusty wind, lightning and hail with light to moderate rain occurred at isolated places.
- Thunderstorm activity likely to continue over the region for next 5 days.
- No large change in maximum temperature for next 24 hours, thereafter rise by 2-3°C over Central and North Chhattisgarh.

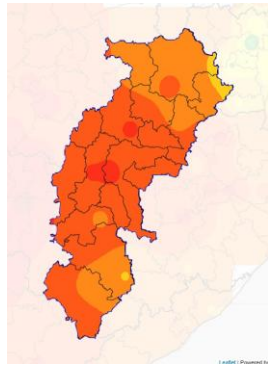
Synoptic System: 1) The trough in westerlies from north Bihar to north coastal Andhra Pradesh now runs from Sikkim to north Odisha across West Bengal and Jharkhand between 3.1 & 5.8 km above mean sea level.
 2) An upper air cyclonic circulation lies over East Madhya Pradesh & neighbourhood at 1.5 km above mean sea level.
 3) A trough runs from above cyclonic circulation over East Madhya Pradesh to Gangetic West Bengal across Chhattisgarh, Jharkhand and extends upto 1.5 km above mean sea level.
 4) The trough from south Madhya Pradesh to South Interior Karnataka now runs from the above cyclonic circulation over east Madhya Pradesh to South Interior Karnataka across Marathwada & North Interior Karnataka and extends upto 1.5 km above mean sea level.

Weather Summary: Light to moderate rain realized in isolated places in last 24 hours. Maximum temperatures was appreciably below normal in Bastar subdivision and normal over rest of the divisions. Highest maximum temperature **40.5°C** was realized in **Rajnandgaon** and lowest minimum temperature **20.2°C** was realized in **Durg**.

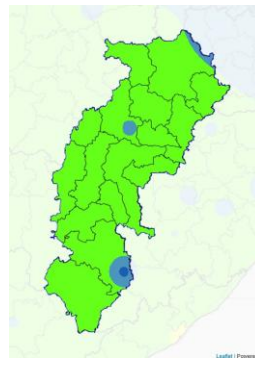
| Station | Temperature (°C) | | | | Rainfall (MM) | | Rel. Hum (%) | |
|--------------|---------------------|-----------|---------------------|-----------|---------------|----------|--------------|----------|
| | Maximum Temperature | Departure | Minimum Temperature | Departure | 0830 IST | 1730 IST | 0830 IST | 1730 IST |
| Lalpur | 39.2 | -0.1 | 23.6 | -1.4 | 0.0 | 0.0 | 56 | 41 |
| Mana Airport | 38.5 | -0.9 | 21.7 | -2.9 | 0.0 | 0.0 | 54 | 51 |
| Bilaspur | 39.0 | -2.0 | 23.6 | -0.6 | 0.6 | 0.0 | 62 | 26 |
| Pendra Road | 36.0 | -1.0 | 21.0 | -1.7 | Trace | Trace | 58 | 32 |
| Ambikapur | 36.0 | -0.9 | 20.9 | -0.5 | 0.0 | 0.0 | 52 | 23 |
| Jagdapur | 33.7 | -3.5 | 20.4 | -2.3 | 17.2 | 0.0 | 66 | 91 |
| Durg | 38.8 | -1.5 | 20.2 | -4.4 | Trace | Trace | 69 | 51 |
| Rajnandgaon | 40.5 | - | 20.5 | - | 0.0 | 0.0 | - | - |



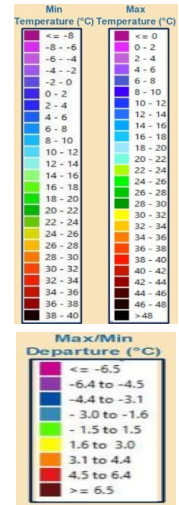
T-Min



T-Max



Max. Temp. Dept.



Legend

Temperature forecast for next 5 days:

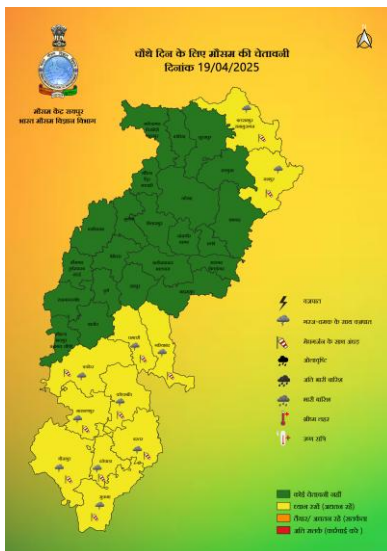
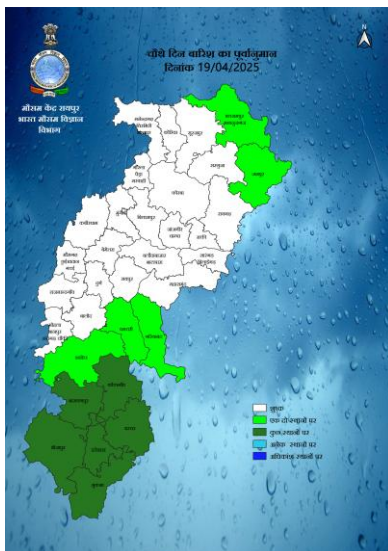
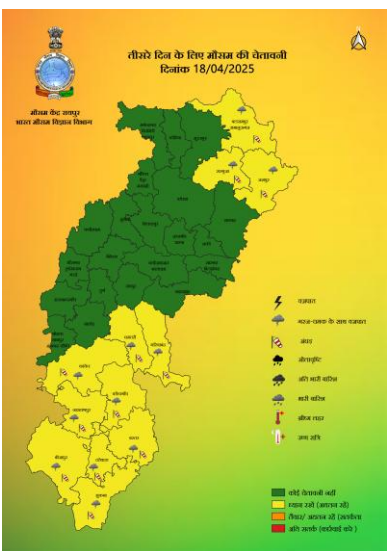
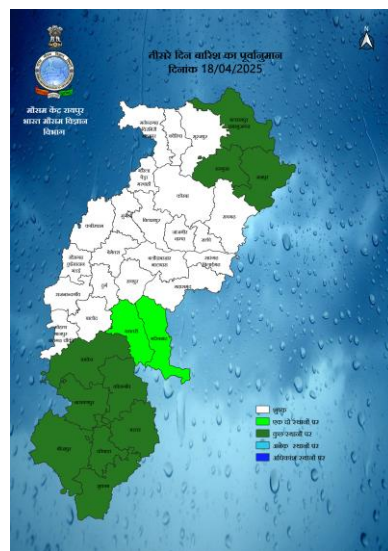
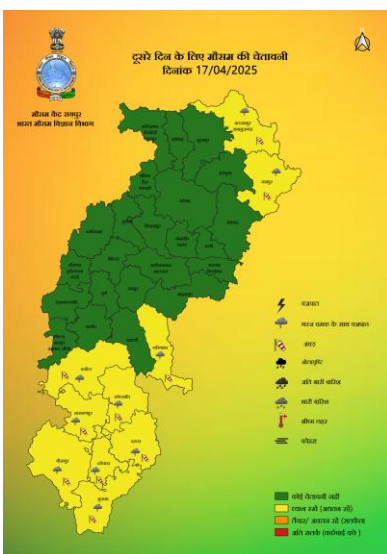
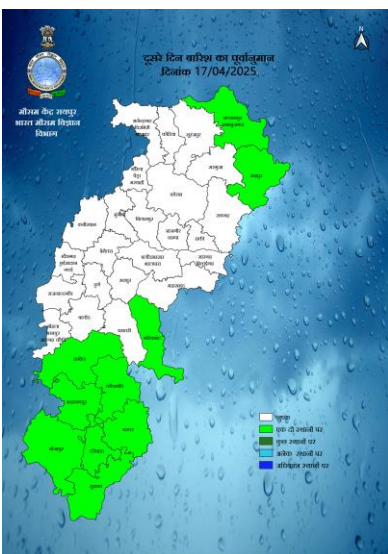
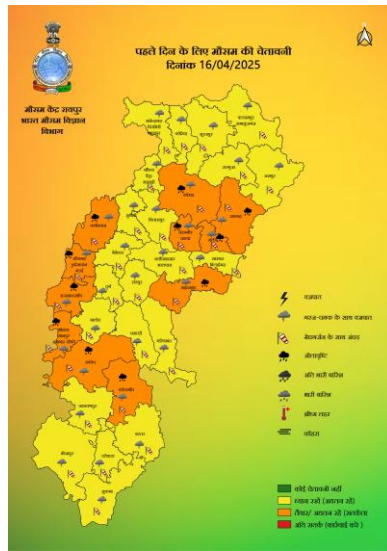
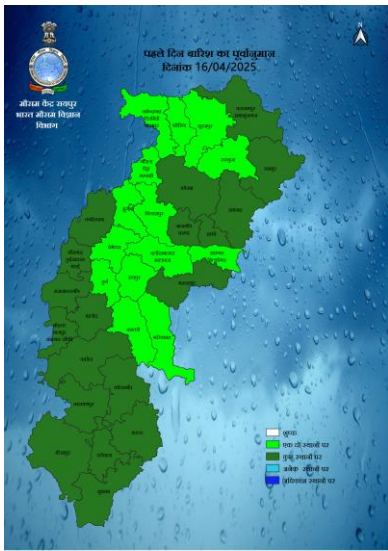
- No large change in maximum temperature for next 24 hours over Central and North Chhattisgarh, thereafter rise by 2-3°C. Over South Chhattisgarh No large change for next 5 days.

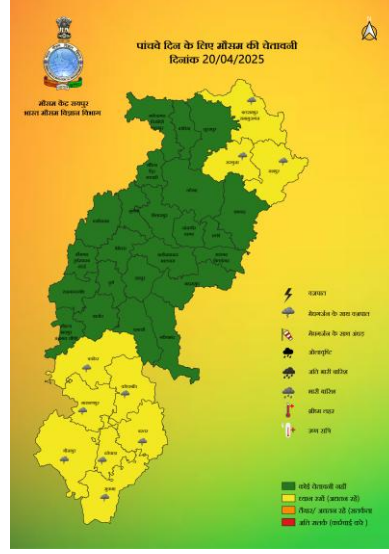
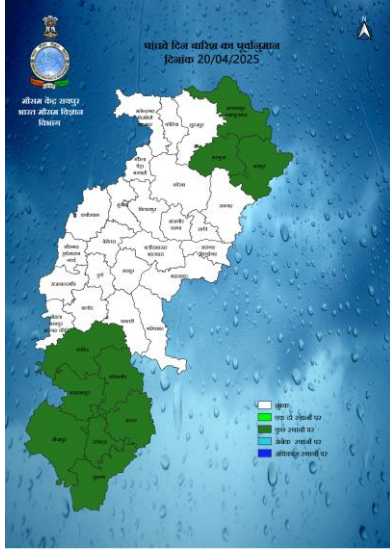
Raipur City forecast for next 24 hours:- Today 16th April, partly cloudy sky with possibility of rain or thunderstorm or dust storm is likely at isolated places. Maximum and minimum temperatures are likely to remain around 39°C and 24°C respectively.

7 day Forecast and Warning:

| Date | Forecast | Warnings |
|------------|--|---|
| 16-04-2025 | Light to moderate rain at isolated places. | Thunderstorm with gusty wind, Lightning and Hail at isolated places. |
| 17-04-2025 | Light rain at isolated places. | Thunderstorm with gusty wind and Lightning at isolated places over South Chhattisgarh and extreme north Chhattisgarh. |
| 18-04-2025 | Light to moderate rain at isolated places. | Thunderstorm with gusty wind and Lightning at isolated places over South Chhattisgarh and extreme north Chhattisgarh. |
| 19-04-2025 | Light rain at isolated places. | Thunderstorm with gusty wind and Lightning at isolated places over South Chhattisgarh and extreme north Chhattisgarh. |
| 20-04-2025 | Light rain at isolated places. | Thunderstorm with gusty wind and Lightning at isolated places over South Chhattisgarh and extreme north Chhattisgarh. |
| 21-04-2025 | Light rain at isolated places. | Nil |
| 22-04-2025 | Light rain at isolated places. | Nil |

District-wise Rainfall and Warning Forecast in Graphical format:





IMPACT AND NECESSARY ACTION:

Heat Wave:

- Drink sufficient water as often as possible, even if not thirsty.
- Avoid going out in the sun, especially between 12:00 noon and 4:00 p.m.
- Wear lightweight, light-coloured, loose, cotton clothes.
- If a person is affected by heat stroke, move the victim to a cooler environment. Try a cool bath or sponging to reduce body temperature. Put water of normal temperature on the head.

THUNDERSTORMS WITH LIGHTNING AND HAIL:

- When sound of thunder is heard, go indoors to a safe shelter immediately. Avoid staying near metal structures and constructions with metal sheeting. Safe shelters include pukka home, pukka building, or hard top vehicles with the windows rolled up.
- If no shelter is available, immediately get into the crouch position.
- There is a possibility of tin sheets used on kaccha houses to fly.
- Avoid taking shelter under trees.
- Do not use electric / electronic appliances.
- Keep away from all utility lines and objects that conduct electricity.
- Shift the harvested crops in agricultural fields to safe storage.
- Install anti hail nets over horticultural and vegetable crop fiels to minimize the affect of hail storm.

पूर्वानुमान निर्देशिका FORECAST LEGENDS:

| वर्षा वाले स्टेशनों की संख्या का प्रतिशत PERCENTAGE STATIONS REPORTING RAINFALL | | | |
|---|--|------------|---|
| % STATIONS | CATEGORY | % STATIONS | CATEGORY |
| 76-100 | अधिकांश स्थानों पर MOST PLACES / WIDESPREAD (WS) | 26 - 50 | कुछ स्थानों पर FEW PLACES / SCATTERED (SCT) |
| 51-75 | अनेक स्थानों पर MANY PLACES / FAIRLY WIDESPREAD (FWS) | 0 - 25 | एक-दो स्थानों पर ONE OR TWO PLACES / ISOLATED (ISOL) |
| वर्षा नहीं NO RAIN | | शुष्क DRY | |

चेतावनी निर्देशिका WARNING LEGENDS:-

| | |
|--|--|
| अति सतर्क (कार्रवाई करें) WARNING (TAKE ACTION) | निगरानी रखें (जागरूक रहें) WATCH (BE AWARE) |
| चेतावनी (कार्रवाई के लिए तैयार रहें) ALERT (BE PREPARED TO TAKE ACTION) | कोई चेतावनी नहीं / NO WARNING |

संभाव्य पूर्वानुमान PROBABILISTIC FORECAST:-

| शब्दावली TERMS | घटना की प्रायिकता PROBABILITY OF OCCURANCE |
|---------------------------|---|
| असंभावना UNLIKELY | < 25% |
| संभावना LIKELY | 26-50% |
| अति संभावना VERY LIKELY | 51 -75% |
| प्रबल संभावना MOST LIKELY | >75% |

वर्षा की तीव्रता Rainfall Intensity(in 24 hours):

| | |
|-------------------------------------|---|
| अति हल्की Very Light | 0.1 to 2.4 mm |
| हल्की Light | 2.5 - 15.5 mm |
| मध्यम Moderate | 15.6 - 64.4 mm |
| भारी Heavy | 64.5 - 115.5 mm |
| अति भारी Very Heavy | 115.6 - 204.4 mm |
| सीमांत भारी Extremely Heavy | ≥ 204.5 mm |
| असाधारण भारी Exceptionally Heavy | स्टेशन या समीपस्थ स्थान की मासिक या ऋतु की कुल वर्षा के लगभग तुल्य वर्षा (12 से.मी. से अधिक वर्षा होने पर ही लागू)When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm. |

(Temperature change and departures)

वर्षा की तीव्रता Rainfall Intensity :

| तापमानों का 24 घण्टे में परिवर्तन (24 hours Temperature Change) | | तापमानों का सामान्य से विचलन (Temperature Departures) | |
|--|--------------------|--|--------------------|
| चिन्हांकित गिरावट (Marked fall) | -4.1 °C or less | चिन्हांकित कम (Markedly below normal) | -5.0 °C or less |
| उल्लेखनीय गिरावट (Appreciably fall) | -2.1 °C to -4.0 °C | उल्लेखनीय कम (Appreciably below normal) | -3.1 °C to -5.0 °C |
| विशेष परिवर्तन नहीं (No large change) | -2.0 °C to +2.0 °C | कम (Below normal) | -1.6 °C to -3.0 °C |
| उल्लेखनीय वृद्धि (Appreciably rise) | 2.1 °C to 4.0 °C | सामान्य (Normal) | -1.5 °C to 1.5 °C |
| चिन्हांकित वृद्धि (Marked rise) | 4.1 °C or more | अधिक (Above normal) | 1.6 °C to 3.0 °C |
| | | उल्लेखनीय अधिक (Appreciably above normal) | 3.1 °C to 5.0 °C |
| | | चिन्हांकित अधिक (Markedly above normal) | 5.0 °C or more |