



## Regional Daily Weather Report

Monday, 25 September 2023

Issue Time : 12:00 Hrs. IST

### Synoptic Observation

Southwest Monsoon has withdrawn from parts of southwest Rajasthan, the 25th September, 2023 against its normal date of withdrawal from southwest Rajasthan of 17th September. The withdrawal of Southwest Monsoon is based on the following meteorological conditions: (i) Anti-cyclonic circulation at 850 hPa level, (ii) No rainfall during last 5 days and (iii) Water vapour imagery indicates dry weather conditions over the region. The line of withdrawal of Southwest Monsoon passes through 28.3°N/72.0°E, Nokhra, Jodpur, Barmer, 25.7°N/70.3°E Another trough runs from southeast Uttar Pradesh to Telangana across Chhattisgarh and extends upto 3.1 km above mean sea level. A cyclonic circulation lies over south Chhattisgarh & neighbourhood between 4.5 & 5.8 km above mean sea level. A trough runs from cyclonic circulation over south Chhattisgarh to south Konkan between 4.5 & 5.8 km above mean sea level. A cyclonic circulation lies north coastal Tamil Nadu & neighbourhood between 4.5 & 5.8 km above mean sea level.

### Main Weather Observations

Monsoon was active over over Vidarbha , Normal over West madhya , Chhattisgarh and weak over East Madhya Pradesh. Rainfall distribution was widespread over most places over Vidarbha, fairly widespread over Chhattisgarh, few places over West Madhya Pradesh and isolated places over East Madhya Pradesh. Thunderstorm with lightning occurred over isolated places over the region.

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#### "Chief Amount of Rainfall (1cm & above) :

**West Madhya Pradesh :** Udainagar (dist Dewas) 15, Bhikangaon (dist Khargone) 7, Khandwa (dist Khandwa) 7, Gogawan (dist Khargone) 7, Hatpiplaya (dist Dewas) 7, Kasarwad (dist Khargone) 6, New Harsud (dist Khandwa) 5, Agar (dist Agar-malwa) 5, Barwaha (dist Khargone) 5, Bhagwanpura (dist Khargone) 5, Sitamau (dist Mandsaur) 5, Khategaon (dist Dewas) 5, Khirkiya-arg (dist Harda) 4, Zirapur (dist Rajgarh) 4, Manasa (dist Neemuch) 4, Bhanpura (dist Mandsaur) 4, Shamgarh (dist Mandsaur) 3, Sonkatch (dist Dewas) 3, Punasa Dam (dist Khandwa) 3, Jhirnya (dist Khargone) 3, Moman Badodiya (dist Shajapur) 2, Suvasara (dist Mandsaur) 2, Kannod (dist Dewas) 2, Shivpuri (dist Shivpuri) 2, Harda (dist Harda) 2, Dharampuri Tappa (dist Dhar) 2, Jawad (dist Neemuch) 2, Bareli (dist Raisen) 2, Sanawad (dist Khargone) 2,

**East Madhya Pradesh:-** Sausar (dist Chhindwara) 3, Tendukheda (dist Narsinghpur) 1, Harrai (dist Chhindwara) 1, Khurai (dist Sagar) 1, Kurai (dist Seoni) 1,

**Vidarbha:-** Zarizamni (dist Yeotmal) 4, Arni (dist Yeotmal) 4, Wardha (dist Wardha) 4, Ramtek (dist Nagpur) 4, Hinganghat (dist Wardha) 3, Washim (dist Washim) 3, Pandherikawara (dist Yeotmal) 3, Nagpur Aerodrome (dist Nagpur) 3, Malegaon (dist Washim) 3, Karanjlad (dist Washim) 3, Bhadravati (dist Chandrapur) 3, Kuhi (dist Nagpur) 3, Chandur Riwy (dist Amraoti) 3, Samudrapur (dist Wardha) 3, Mangrulpir (dist Washim) 3, Sindkhed Raja (dist Buldhana) 3, Yeotmal (dist Yeotmal) 3, Selu (dist Wardha) 3, Digras (dist Yeotmal) 2, Ashti (dist Wardha) 2, Mul (dist Chandrapur) 2, Ralegaon (dist Yeotmal) 2, Amgaon (dist Gondia) 2, hatanji (dist Yeotmal) 2, Kalamb (dist Yeotmal) 2, Mahagaon (dist Yeotmal) 2, Arjuni Morgaon (dist Gondia) 2, Deori (dist Gondia) 2, Chandrapur (dist Chandrapur) 2, Salekasa (dist Gondia) 2, Mauda (dist Nagpur) 2, Risod (dist Washim) 2, Tumsar (dist Bhandara) 2, Manora (dist Washim) 2, Dhamangaon Riwy (dist Amraoti) 2, Pusad (dist Yeotmal) 2, Saoli (dist Chandrapur) 1, Sironcha (dist Gadchiroli) 1, Hingna (dist Nagpur) 1, Babulgaon (dist Yeotmal) 1, Sindewahi (dist Chandrapur) 1, Ner (dist Yeotmal) 1, Saoner (dist Nagpur) 1, Lonar (dist Buldhana) 1, Wani (dist Yeotmal) 1, Korpana (dist Chandrapur) 1, Tiwsa (dist Amraoti) 1, Lakhani (dist Bhandara) 1, Mohadi (dist Bhandara) 1, Maregaon (dist Yeotmal) 1, Barshitakli (dist Akola) 1, Umrer (dist Nagpur) 1, Deoli (dist Wardha) 1, Nandgaonkazi (dist Amraoti) 1, Perseoni (dist Nagpur) 1, Warora (dist Chandrapur) 1, Chimur (dist Chandrapur) 1, Amraoti (dist Amraoti) 1, Deolgaon Raja (dist Buldhana) 1, Nagbhir (dist Chandrapur) 1, Bhandara (dist Bhandara) 1, Bramhapuri (dist Chandrapur) 1

**Chhattisgarh :-** Ambagarh Chowki (dist Rajnandgaon) 3, Jashpurnagar (dist Jashpur) 3, Pakhanjur (dist Kanker) 3, Mungeli (dist Mungeli) 3, Baloda Bazar (dist Baloda Bazar) 3, Poudi Uparora (dist Korba) 2, Nagari (dist Dhamtari) 2, Darbha (dist Bastar) 2, Kota (dist Bilaspur) 2, Takhatpur (dist Bilaspur) 2, Chhuikhadan (dist Rajnandgaon) 2, Janjgir (dist Janjgir) 2, Katekalyan (dist Dantewada) 2, Marwahi (dist Bilaspur) 2, Korba (dist Korba) 2, Sitapur (dist Surguja) 1, Mainpat (dist Surguja) 1, Baderajpur (dist Kondagaon) 1, Tapkara (dist Jashpur) 1, Gidam (dist Dantewada) 1, Katghora (dist Korba) 1, Gariabund (dist Gariaband) 1, Pathalgaon (dist Jashpur) 1

No large change observed in Maximum temperatures over Madhya Pradesh, Chhattisgarh and Vidarbha. They were normal over Madhya Pradesh, Vidarbha and Chhattisgarh. Gwalior recorded the highest maximum temperature of 34.9°C. No large change in Maximum temperature for next five days over the region.

### Minimum temperature

No large change in Minimum temperatures over Madhya Pradesh, Chhattisgarh and Vidarbha. They were normal over Madhya Pradesh, Vidarbha and Chhattisgarh. Raisen recorded the lowest minimum temperature of 16.6°C. No large change in Minimum temperatures for the next 4-5 days.



**Weather Forecast for next 5 days \* valid upto 0830 Hrs IST of 30 September 2023**

| Met Sub-division    | 25-Sep Today | 26-Sep Tue | 27-Sep Wed | 28-Sep Thu | 29-Sep Fri | 30-Sep Sat | 01-Oct Sun |
|---------------------|--------------|------------|------------|------------|------------|------------|------------|
| West Madhya Pradesh | SCT          | SCT        | ISOL       | ISOL       | ISOL       | ISOL       | ISOL       |
| East Madhya Pradesh | ISOL         | ISOL       | SCT        | SCT        | SCT        | SCT        | FWS        |
| Vidarbha            | FWS          | SCT        | SCT        | FWS        | FWS        | SCT        | SCT        |
| Chhattisgarh        | FWS          | FWS        | FWS        | FWS        | FWS        | FWS        | FWS        |

**Legend :**

**% Station**

|          |      |                                 |
|----------|------|---------------------------------|
| 76 - 100 | WS   | Widespread / Most Places        |
| 51-75    | FWS  | Fairly Widespread / Many Places |
| 26-50    | SCT  | Scattered / A Few Places        |
| 1-25     | ISOL | Isolated                        |
| No Rain  | DRY  | Dry                             |

**Outlook for subsequent two days from 02 October 2023 to 03 October 2023**

Thunderstorm with lightning at isolated places and rainfall very likely to prevail at isolated places over West Madhya Pradesh , few places over Vidarbha and East Madhya Pradesh and many places over Chhattisgarh.

**Weather Warnings for next 5 days \* valid upto 0830 Hrs IST of 29 September 2023**

|                     |   |
|---------------------|---|
| 25-Sep-2023 (Day 1) | Heavy rainfall and Thunderstorm accompanied lightning very likely to occur at isolated places over Madhya Pradesh, Vidarbha Chhattisgarh. |
| 26-Sep-2023 (Day 2) | Thunderstorm accompanied with lightning very likely to occur at isolated places over Madhya Pradesh Vidarbha and Chhattisgarh.            |
| 27-Sep-2023 (Day 3) | Thunderstorm accompanied with lightning very likely to occur at isolated places over Vidarbha and Chhattisgarh.                           |
| 28-Sep-2023 (Day 4) | NO WARNING  |
| 29-Sep-2023 (Day 5) | NO WARNING  |

**\* The Forecast and warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day**

**Legend :**

**Warning**

|                               |
|-------------------------------|
| <b>WARNING (TAKE ACTION)</b>  |
| <b>ALERT (BE PREPARED)</b>    |
| <b>WATCH (BE UPDATED)</b>     |
| <b>NO WARNING (NO ACTION)</b> |

**Probability of**

|             |         |
|-------------|---------|
| Unlikely    | < 25    |
| Likely      | 25 - 50 |
| Very Likely | 50 - 75 |
| Most Likely | > 75    |