



**Government of India
Ministry of Earth Sciences
India Meteorological Department
Regional Meteorological Centre
Nagpur**

Weekly Weather Report of Vidarbha for Week ending on 30.04.2025

Chief Synoptic Features (24.04.2024 – 30.04.2025):

- *The north-south trough from north Chhattisgarh & neighbourhood to Gulf of Mannar ran from central Chhattisgarh to Gulf of Mannar across Vidarbha, Telangana, Interior Karnataka and Tamil Nadu at 0.9 km above mean sea level on 24.04.2025.
- *The north-south trough from northern part of Marathwada to Gulf of Mannar across Interior Karnataka and Tamil Nadu at 0.9 km above mean sea level persisted on 25.04.2025.
- *The north-south trough from southern parts of Madhya Maharashtra to Gulf of Mannar ran from Telangana to Gulf of Mannar across Rayalaseema and Tamil Nadu at 0.9 km above mean sea level on 26.04.2025.
- *The cyclonic circulation over southwest Rajasthan & neighbourhood extended upto 1.5 km above mean sea level persists. The north-south trough ran from west Vidarbha to Gulf of Mannar across Marathwada, Interior Karnataka & Tamil Nadu and extends upto 1.5 km above mean sea level on 27 April 2025.
- *The trough in westerlies between 3.1 & 9.6 km above mean sea level along Long. 82°E to the north of Lat. 19°N persists. The cyclonic circulation over southwest Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persists. A trough runs from the above cyclonic circulation over southwest Rajasthan & neighbourhood to north Madhya Maharashtra at 0.9 km above mean sea level persists. The north-south trough from west Vidarbha to Gulf of Mannar now runs from west Vidarbha to north Kerala across Marathwada, Interior Karnataka at 1.5 km above mean sea level on 28 April 2025.
- *The upper air cyclonic circulation over northwest Madhya Pradesh & neighbourhood extended upto 1.5 km above mean sea level. The north-south trough from above upper air cyclonic circulation over northwest Madhya Pradesh & neighbourhood to south Tamil Nadu across Vidarbha, Marathwada, Interior Karnataka, Tamil Nadu at 0.9 km above mean sea level on 29 April 2025.
- *The north-south trough from above upper air cyclonic circulation over southwest Rajasthan & neighbourhood to north Kerala across southeast Rajasthan, West Madhya Pradesh, Vidarbha, Marathwada, Interior Karnataka persists and seen upto 1.5 km above mean sea level. The other trough in westerlies along Long. 91°E to the north of Lat. 18°N between 3.1 & 5.8 km above mean sea level merged with the above cyclonic circulation over north Bangladesh & neighbourhood on 30 April 2025.
- *Heat wave observed at isolated pockets of Vidarbha on 24, 25, 26 April 2025.
- *Gusty winds observed at isolated pockets of Vidarbha on 25, 26 April 2025.
- *Light rainfall, thunderstorm with lightning, Gusty winds occurred at isolated places over Vidarbha on 27, 28, 29 April 2025.
- *Light rainfall, Hailstorm / Thunderstorm with lightning, Gusty winds occurred at isolated places over Vidarbha on 30 April 2025.

RAINFALL SUMMARY

| Category of Rainfall | Week | Season |
|--------------------------------|--------------------------|--------------------------|
| | 24.04.2025 TO 30.04.2025 | 01.03.2025 to 30.04.2025 |
| | Number of districts | Number of districts |
| LARGE EXCESS (+60% or more) | 04 | 02 |
| EXCESS (+20% to +59%) | NIL | 03 |
| NORMAL (+19% to -19%) | NIL | NIL |
| DEFICIENT (-20% to -59%) | 01 | 03 |
| LARGE DEFICIENT (-60% to -99%) | NIL | NIL |
| NO RAIN (-100%) | 02 | NIL |
| NO DATA | 04 | 03 |

Realised Maximum Temperature departure During the Week over Vidarbha:

| VIDARBHA | 24-April - 2025 | 25-April - 2025 | 26-April - 2025 | 27-April - 2025 | 28-April - 2025 | 29-April - 2025 | 30-April - 2025 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| TEMPERATURE DEPARTURE | AAN | AAN | N | BN | N | N | N |

Realised Minimum Temperature departure During the Week over Vidarbha:

| VIDARBHA | 24-April - 2025 | 25-April - 2025 | 26-April - 2025 | 27-April - 2025 | 28-April - 2025 | 29-April - 2025 | 30-April - 2025 |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| TEMPERATURE DEPARTURE | N | N | AN | N | N | N | N |

Legend:

| Maximum and Minimum Temperature Departure | |
|---|-----------------------|
| Category | Departure from normal |
| Markedly below normal | -5.1°C or less |
| Appreciably below normal | -3.1°C to -5.0°C |
| Below normal | -1.6°C to -3.0°C |
| Normal | -1.5°C to +1.5°C |
| Above normal | 1.6°C to 3.0°C |
| Appreciably above normal | 3.1°C to 5.0°C |
| Markedly above normal | 5.1°C or more |

Spatial Distribution of Realised Rainfall over Vidarbha:

| VIDARBHA | 24-April - 2025 | 25-April - 2025 | 26-April - 2025 | 27-April - 2025 | 28-April - 2025 | 29-April - 2025 | 30-April - 2025 |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| SPATIAL DISTRIBUTION | Dry | Dry | Dry | ISOLATED | SCATTERED | SCATTERED | SCATTERED |
| ACTIVITY | Weak | Weak | Weak | NORMAL | NORMAL | NORMAL | NORMAL |

Legends :- Station Reporting Rainfall

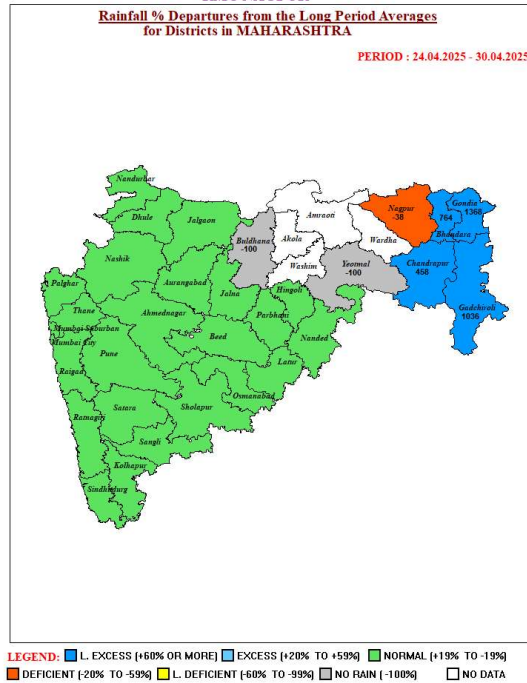
| | | |
|----------|------|---------------------------------|
| 76 - 100 | WS | Widespread / Most Places |
| 51-75 | FWS | Fairly Widespread / Many Places |
| 26-50 | SCT | Scattered / A Few Places |
| 1-25 | ISOL | Isolated |
| No Rain | DRY | Dry |

DISTRICTWISE WEEKLY AND SEASONAL RAINFALL FOR THE WEEK ENDING 30.04.2025:

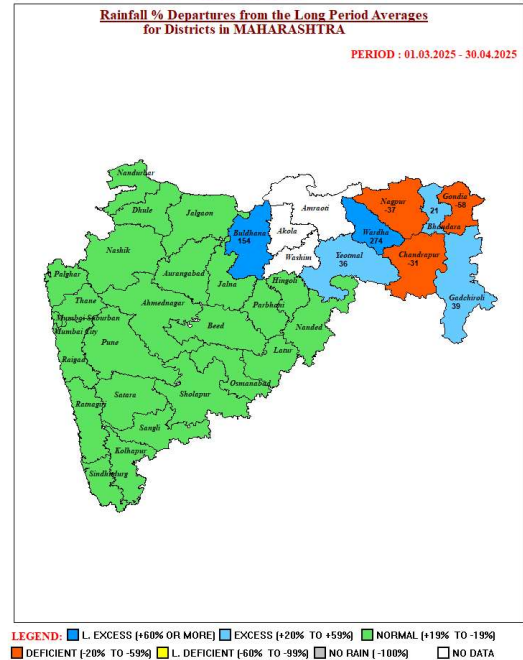
| VIDARBHA | 24.04.2025 TO 30.04.2024 | | | | 01.03.2025 to 30.04.2025 | | |
|----------------------|--------------------------|----------|-------|----------|--------------------------|----------|-------|
| DISTRICTS | W_ACTUAL | W_NORMAL | W_DEP | U_ACTUAL | P_ACTUAL | P_NORMAL | P_DEP |
| AKOLA | | 0.5 | | | | 11.7 | |
| AMRAOTI | | 0.4 | | | | 11.4 | |
| BHANDARA | 9.5 | 1.1 | 764 | 15.4 | 24.9 | 20.5 | 21 |
| BULDHANA | 0 | 0.3 | -100 | 21.1 | 21.1 | 8.3 | 154 |
| CHANDRAPUR | 10.6 | 1.9 | 458 | 5.8 | 16.4 | 23.8 | -31 |
| GADCHIROLI | 12.5 | 1.1 | 1036 | 20 | 32.5 | 23.4 | 39 |
| GONDIA | 10.3 | 0.7 | 1368 | 0.7 | 11 | 26.1 | -58 |
| NAGPUR | 0.8 | 1.2 | -38 | 12.3 | 13 | 20.7 | -37 |
| WARDHA | | 1.2 | | 61.4 | 61.4 | 16.4 | 274 |
| WASHIM | | 0.3 | | | | 13.9 | |
| YEOTMAL | 0 | 0.7 | -100 | 18 | 18 | 13.2 | 36 |
| SUBDIVISION RAINFALL | 5.9 | 0.9 | 553 | 18.5 | 23.9 | 17.2 | 39 |

RAINFALL MAP FOR WEEK ENDING Dt. 30.04.2025 & FOR SEASON FROM Dt.01.03.2025 TO 30.04.2025:

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Chief Amount of Rainfall during the week in cm over Vidarbha:

04/24/2025

NONE

04/25/2025

NONE

04/26/2025

NONE

04/27/2025: Korpana (dist Chandrapur) 2, Dhanora (dist Gadchiroli) 1

04/28/2025: Gondia Ap (dist Gondia) 2

04/29/2025: Goregaon (dist Gondia) 1

04/30/2025: Tumsar (dist Bhandara) 1, Arjuni Morgaon (dist Gondia) 1

VIDARBHA

| Category of Rainfall | Light: Less than 2 cm | Moderate: 2-6 cm |
|----------------------|-----------------------|--------------------------------|
| Heavy: 7-11cm | Very Heavy:12-20 cm | Extremely Heavy: 21 cm or more |