



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

**Weekly Weather Report of Vidarbha for Week ending on 24.12.2025**

**Chief Synoptic Features (18.12.2025 – 24.12.2025):**

- ❖ Subtropical westerly Jet Stream with core winds of the order upto 110 knots at 12.6 km above mean sea level prevails over North India on 18<sup>th</sup> December 2025.
- ❖ The Western Disturbance as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above mean sea level persists. Another Western Disturbance as a cyclonic circulation over Southwest Iran & neighbourhood extending upto 5.8 km above mean sea level persists. Subtropical westerly Jet Stream with core winds of the order upto 100 knots at 12.6 km above mean sea level continues to prevail over North India on 19<sup>th</sup> December 2025.
- ❖ The Western Disturbance as a cyclonic circulation over Southwest Iran & neighbourhood now lies over central Iran & neighbourhood extending upto 5.8 km above mean sea level. Subtropical westerly Jet Stream with core winds of the order upto 105 knots at 12.6 km above mean sea level continues to prevail over North India. A fresh feeble Western Disturbance likely to affect western Himalayan Region from 25<sup>th</sup> December. The Western Disturbance as a cyclonic circulation over Jammu & neighbourhood at 3.1 km above mean sea level has moved away east-northeastwards direction on 20<sup>th</sup> December 2025.
- ❖ The Western Disturbance lay as a trough in middle and upper tropospheric westerlies levels with its axis at 5.8 km above mean sea level roughly along Long. 62°E to the north of Lat. 27°N. A cyclonic circulation lay over equatorial Indian ocean & adjoining southwest Bay of Bengal at 1.5 km above mean sea level on 21<sup>st</sup> December 2025.
- ❖ The Western Disturbance as a trough in middle and upper tropospheric levels with its axis at 5.8 km above mean sea level now runs roughly along Long. 64°E to the north of Lat. 29°N. The cyclonic circulation over Comorin area & neighbourhood at 0.9 km above mean sea level persisted on 22<sup>nd</sup> December 2025.
- ❖ Subtropical westerly Jet Stream with core winds of the order of 135 knots at 12.6 km above mean sea level continues to prevail over Northwest India. The Western Disturbance as a trough in middle and upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 70°E to the north of Lat. 32°N persisted on 23<sup>rd</sup> December 2025.
- ❖ The Western Disturbance as a trough in middle and upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 74°E to the north of Lat. 32°N has moved away in east-northeastwards direction. The upper air cyclonic circulation over south east Arabian sea adjoining south Kerala extending upto 1.5 km above mean sea level persisted on 24<sup>th</sup> December 2025.
- ❖ Dry weather prevailed over the region during the week from 18<sup>th</sup> to 24<sup>th</sup> December 2025.

**Main Weather Observations**

- ❖ Cold wave conditions occurred in isolated pockets over Vidarbha from 18<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup>, 22<sup>nd</sup> December 2025.

## **RAINFALL SUMMARY**

<b>Category of Rainfall</b>	<b>Week</b>	<b>Season</b>
	<b>18.12.2025 – 24.12.2025</b>	<b>01.10.2025 to 24.12.2025</b>
	<b>Number of districts</b>	<b>Number of districts</b>
<b>LARGE EXCESS (+60% or more)</b>	<b>NIL</b>	<b>NIL</b>
<b>EXCESS (+20% to +59%)</b>	<b>NIL</b>	<b>01</b>
<b>NORMAL (+19% to -19%)</b>	<b>NIL</b>	<b>06</b>
<b>DEFICIENT (-20% to -59%)</b>	<b>NIL</b>	<b>03</b>
<b>LARGE DEFICIENT (-60% to -99%)</b>	<b>NIL</b>	<b>01</b>
<b>NO RAIN (-100%)</b>	<b>11</b>	<b>NIL</b>
<b>NO DATA</b>	<b>NIL</b>	<b>NIL</b>

### **Realised Maximum Temperature departure During the Week over Vidarbha 18.12.2025 – 24.12.2025:**

<b>VIDARBHA</b>	<b>18- December- 2025</b>	<b>19- December- 2025</b>	<b>20- December- 2025</b>	<b>21- December- 2025</b>	<b>22- December- 2025</b>	<b>23- December- 2025</b>	<b>24- December- 2025</b>
<b>TEMPERATURE DEPARTURE</b>	AN	N	N	N	N	N	N

### **Realised Minimum Temperature departure During the Week over Vidarbha 18.12.2025 – 24.12.2025:**

<b>VIDARBHA</b>	<b>18- December -2025</b>	<b>19- Decembe r-2025</b>	<b>20- December- 2025</b>	<b>21- Decembe r-2025</b>	<b>22- Decembe r-2025</b>	<b>23- Decembe r-2025</b>	<b>24- Decembe r-2025</b>
<b>TEMPERATURE DEPARTURE</b>	BN	BN	BN	BN	BN	BN	N

### ***Legend:***

<b>Maximum and Minimum Temperature Departure</b>	
<b>Category</b>	<b>Departure from normal</b>
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 During the Week over Vidarbha 18.12.2025 – 24.12.2025:**

<b>VIDARBHA</b>	<b>18- December- 2025</b>	<b>19- December- 2025</b>	<b>20- December- 2025</b>	<b>21- December- 2025</b>	<b>22- December- 2025</b>	<b>23- December- 2025</b>	<b>24- December- 2025</b>
<b>SPATIAL DISTRIBUTION</b>	Dry	Dry	Dry	Dry	Dry	Dry	Dry
<b>ACTIVITY</b>	Weak	Weak	Weak	Weak	Weak	Weak	Weak

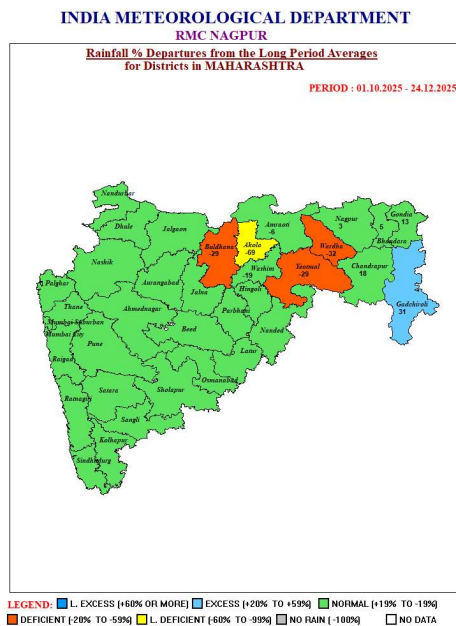
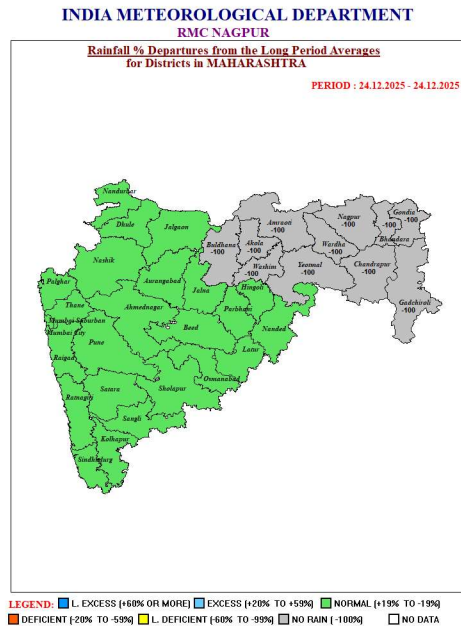
**Legends :- Station Reporting Rainfall**

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 24.12.2025:**

<b>VIDARBHA</b>	<b>18.12.2025 – 24.12.2025</b>				<b>01.10.2025 - 24.12.2025</b>		
<b>DISTRICTS</b>	<b>W_ACTUAL</b>	<b>W_NORMAL</b>	<b>W_DEP</b>	<b>U_ACTUAL</b>	<b>P_ACTUAL</b>	<b>P_NORMAL</b>	<b>P_DEP</b>
<b>AKOLA</b>	0	0.8	-100	22.3	22.3	73	-69
<b>AMRAOTI</b>	0	0.5	-100	64.9	64.9	68.9	-6
<b>BHANDARA</b>	0	0.6	-100	73.6	73.6	70	5
<b>BULDHANA</b>	0	0.4	-100	52.8	52.8	74.2	-29
<b>CHANDRAPUR</b>	0	1	-100	96.7	96.7	82.1	18
<b>GADCHIROLI</b>	0	0.9	-100	103.3	103.3	78.7	31
<b>GONDIA</b>	0	1.7	-100	72.8	72.8	64.4	13
<b>NAGPUR</b>	0	0.6	-100	73.2	73.2	71	3
<b>WARDHA</b>	0	0.7	-100	51.7	51.7	75.6	-32
<b>WASHIM</b>	0	0.2	-100	61.9	61.9	76.4	-19
<b>YEOTMAL</b>	0	0.6	-100	54.9	54.9	77.7	-29
<b>SUBDIVISION RAINFALL</b>	0	0.7	-100	70	70	74.7	-6

# **RAINFALL MAP FOR WEEK ENDING Dt. 24.12.2025 & FOR SEASON FROM Dt.01.10.2025 TO 24.12.2025:**



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

### **VIDARBHA**

12/18/2025  
NONE

12/19/2025  
NONE

12/20/2025  
NONE

12/21/2025  
NONE

12/22/2025  
NONE

12/23/2025  
NONE

12/24/2025  
NONE

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