



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

Weekly Weather Report of Vidarbha for Week ending on 17.12.2025

Chief Synoptic Features (11-12-2025 – 17-12-2025):

- ❖ The trough in westerlies with its axis at 5.8 km above mean sea level roughly along Long. 89°E to the north of Lat. 23°N has moved away east northeastwards. Subtropical westerly Jet Stream with core winds of the order upto 110 knots at 12.6 km above mean sea level now prevails over Northeast India on 11th December 2025.
- ❖ A fresh Western Disturbance as a trough in middle tropospheric level with its axis at 5.8 km above mean sea level runs roughly along Longitude 53°E to the north of Latitude 32°N. Subtropical westerly Jet Stream with core winds of the order upto 110 knots at 12.6 km above mean sea level is prevailing over Northeast India on 12th December 2025.
- ❖ A fresh Western Disturbance as a trough in middle tropospheric level with its axis at 5.8 km above mean sea level runs roughly along Long. 52°E to the north of Lat. 31°N. Subtropical westerly Jet Stream with core winds of the order upto 95 knots at 12.6 km above mean sea level continues to prevail over Northeast India on 13th December 2025.
- ❖ The Western Disturbance as an upper air cyclonic circulation over north Pakistan & neighbourhood at 3.1 km above mean sea level persists. The Western Disturbance as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 55°E to the north of Lat. 31°N persisted on 14th December 2025.
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 60°E to the north of Lat. 30°N persists. Subtropical westerly Jet Stream with core winds of the order upto 120 knots at 12.6 km above mean sea level prevails over Northwest India on 15th December 2025.
- ❖ The Western Disturbance as an upper air cyclonic circulation over north Pakistan & neighbourhood now lies over north Pakistan and adjoining Jammu at 3.1 km above mean sea level with a trough aloft in middle tropospheric westerlies with its axis at 5.8 km above mean sea level runs roughly along Long. 72°E to the north of Lat. 32°N. Subtropical westerly Jet Stream with core winds of the order upto 120 knots at 12.6 km above mean sea level continues to prevail over North India on 16th December 2025.
- ❖ Subtropical westerly Jet Stream with core winds of the order upto 100 knots at 12.6 km above mean sea level prevails over North India on 17th December 2025.
- ❖ Dry Weather continues to prevailed over Vidarbha from 11th to 17th December 2025.

Main Weather Observations

❖ Cold wave conditions occurred in isolated pockets of Vidarbha on 11th December 2025.

RAINFALL SUMMARY

	Week	Season		
Category of Rainfall	11-12-2025 – 17.12.2025	01.10.2025 to 17.12.2025		
	Number of districts	Number of districts		
LARGE EXCESS (+60% or more)	NIL	NIL		
EXCESS (+20% to +59%)	NIL	01		
NORMAL (+19% to -19%)	NIL	06		
DEFICIENT (-20% to -59%)	NIL	03		
LARGE DEFICIENT (-60% to -99%)	NIL	01		
NO RAIN (-100%)	11	NIL		
NO DATA	NIL	NIL		

Realised Maximum Temperature departure During the Week over <u>Vidarbha 11-12-2025 – 17.12.2025</u>:

	11-	12-	13-	14-	15-	16-	17-
VIDARBHA	December	December	December	December	December-	December	December -
	-2025	-2025	-2025	-2025	2025	-2025	2025
TEMPERATURE DEPARTURE	N	N	N	N	N	N	N

Realised Minimum Temperature departure During the Week over Vidarbha 11-12-2025 – 17.12.2025:

-	tounded minimum remperature departure burning the Week ever viduolita 11 12 2025 17:12:2025.							
		11-	12-	13-	14-	15-	16-	17-
ı	VIDARBHA	December	December	December -	December	December	December	December
		-2025	-2025	2025	-2025	-2025	-2025	-2025
	TEMPERATURE DEPARTURE	ABN	ABN	BN	BN	BN	BN	BN

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 <u>Vidarbha 11-12-2025 – 17.12.2025</u>:

	11-	12-	13-	14-	15-	16-	17-
VIDARBHA	December	December	December	December	December-	December	December
	-2025	-2025	-2025	-2025	2025	-2025	-2025
SPATIAL	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DISTRIBUTION							
ACTIVITY	WEAK	WEAK	WEAK	WEAK	WEAK	WEAK	WEAK

Legends :- Station Reporting Rainfall

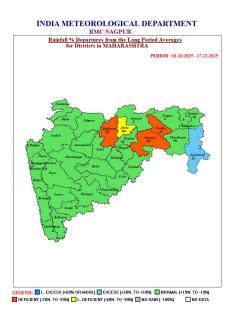
<u> </u>		
76 – 100	WS	Widespread / Most Places
51-75	FWS	Fairly Widespread / Many Places
26-50	SCT	Scattered / A Few Places
1-25	ISOL	Isolated
No Rain	DRY	Dry

DISTRICTWISE WEEKLY AND SEASONAL RAINFALL FOR THE WEEK ENDING 17.12.2025:

VIDARBHA	11-12-2025 - 17.12.2025				01.	10.2025 - 17.	12.2025
DISTRICTS	W_ACTUAL	W_NORMAL	W_DEP	U_ACTUAL	P_ACTUAL	P_NORMAL	P_DEP
AKOLA	0	0.4	-100	22.3	22.3	72.2	-69
AMRAOTI	0	0.7	-100	64.9	64.9	68.4	-5
BHANDARA	0	0.9	-100	73.6	73.6	69.4	6
BULDHANA	0	0.3	-100	52.8	52.8	73.8	-28
CHANDRAPUR	0	1.1	-100	96.7	96.7	81.1	19
GADCHIROLI	0	0.8	-100	103.3	103.3	77.8	33
GONDIA	0	1.1	-100	72.8	72.8	62.7	16
NAGPUR	0	1.3	-100	73.2	73.2	70.4	4
WARDHA	0	1.2	-100	51.7	51.7	74.9	-31
WASHIM	0	0.8	-100	61.9	61.9	76.2	-19
YEOTMAL	0	0.7	-100	54.9	54.9	77.1	-29
SUBDIVISION RAINFALL	0	0.8	-100	70	70	74	-5

RAINFALL MAP FOR WEEK ENDING Dt. 10.12.2025 & FOR SEASON FROM Dt. 01.10.2025 TO 17.12.2025:





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

VIDARBHA

12/11/2025 NONE

12/12/2025 NONE

12/13/2025 NONE

12/14/2025 NONE

12/15/2025

NONE

12/16/2025 NONE

12/17/2025 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