

Weekly Weather Report of Vidarbha for Week ending on 07.05.2025

Chief Synoptic Features (01.05.2025 – 07.05.2025):

- *An upper air cyclonic circulation lay over central parts of southeast Rajasthan & neighbourhood and extended upto 1.5 km above mean sea level. The north-south trough ran from above upper air cyclonic circulation over southeast Rajasthan & neighbourhood to north Kerala across West Madhya Pradesh, Vidarbha, Marathwada, Interior Karnataka and extended upto 1.5 km above mean sea level on dtd 01.05.2025.
- *The upper air cyclonic circulation over northeast Rajasthan and adjoining northwest Madhya Pradesh between 1.5 & 3.1 km above mean sea level persisted. The upper air cyclonic circulation over southwest Rajasthan & neighbourhood at 0.9 km above mean sea level persisted. The north- south trough from west Madhya Pradesh to north Kerala ran from Punjab to north Kerala across Haryana, cyclonic circulation over northeast Rajasthan and adjoining northwest Madhya Pradesh, Vidarbha, Marathwada, Interior Karnataka at 1.5 km above mean sea level. An east-west trough ran from above cyclonic circulation over northeast Rajasthan and adjoining northwest Madhya Pradesh to Bangladesh across north Madhya Pradesh, north Chhattisgarh, Jharkhand, Gangetic West Bengal and extended up to 1.5km above mean sea level on dtd. 02.05.2025.
- * The upper air cyclonic circulation over southwest Rajasthan lay over southeast Rajasthan & neighbourhood at 0.9 km above mean sea level. The north-south trough ran from the above cyclonic circulation over southeast Rajasthan & neighbourhood to south Tamil Nadu across Gujarat, Maharashtra, Interior Karnataka at 0.9 km above mean sea level. The east-west trough ran from the above cyclonic circulation southeast Rajasthan & neighbourhood to north Odisha across Madhya Pradesh, Chhattisgarh, Jharkhand and extends up to 1.5km above mean sea level on dtd. 03.05.2025.
- * The upper air cyclonic circulation over northern parts of Marathawada and neighbourhood at 0.9 km above mean sea level persisted. The north-south trough ran from cyclonic circulation over central parts of south Uttar Pradesh to south Tamil Nadu across Madhya Pradesh, cyclonic circulation over northern parts of Marathawada Interior Karnataka at 0.9 km above mean sea level on dtd. 04.05.2025.
- * An east-west trough ran from East Rajasthan to north Bangladesh across Madhya Pradesh, southeast Uttar Pradesh and Jharkhand & extended upto 1.5 km above mean sea level. The upper air cyclonic circulation over northwest Madhya Pradesh had merged with the above east-west trough. The north-south trough from Marathwada to south Tamil Nadu now runs from southeast Madhya Pradesh to South Interior Karnataka across Marathwada, Telangana, North Interior Karnataka at 0.9 km above mean sea level on dtd. 05.05.2025.
- * The east-west trough from East Rajasthan to Meghalaya ran from East Rajasthan to north Bangladesh across North Madhya Pradesh, northChhattisgarh, Jharkhand and Sikkim at 0.9 km above mean sea level. The north- south trough from east Vidarbha to South Tamil Nadu ran from the cyclonic circulation over south Telangana and neighbourhood to Gulf of Mannar across Rayalaseema and Tamil Nadu at 0.9 km above mean sea level on dtd 06.05.2025.
- * The upper air cyclonic circulation over northeast Rajasthan & neighbourhood lay over northwest Madhya Pradesh & neighbourhood and extended upto 1.5 km above mean sea level. The upper air cyclonic circulation over southwest Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persisted. The east-west trough ran from cyclonic circulation over southwest Rajasthan & neighbourhood to north Jharkhand across North Madhya Pradesh, north Chhattisgarh at 0.9 km above mean sea level on dtd 07.05.2025.

*Gusty winds occurred at isolated places over Vidarbha on dtd. 01.05.2025.

*Light to moderate rainfall, Hailstorm / thunderstorm with lightning / Gusty winds occurred at isolated places over Vidarbha on dtd. 02.05.2025, 05.05.2025, 06.05.2025, 07.05.2025.

* Trace rainfall occurred at isolated places over Vidarbha on dtd. 03.05.2025.

* Light to moderate rainfall, thunderstorm with lightning / Gusty winds occurred at isolated places over Vidarbha on dtd. 04.05.2025.

RAINFALL SUMMARY

Category of Rainfall	Week	Season
	01.05.2025 TO 07.05.2025	01.03.2025 to 07.05.2025
	Number of districts	Number of districts
LARGE EXCESS (+60% or more)	08	05
EXCESS (+20% to +59%)	NIL	01
NORMAL (+19% to -19%)	NIL	02
DEFICIENT (-20% to -59%)	NIL	NIL
LARGE DEFICIENT (-60% to -99%)	NIL	02
NO RAIN (-100%)	02	NIL
NO DATA	NIL	01

Realised Maximum Temperature departure During the Week over Vidarbha 01.05.2025 TO 07.05.2025:

VIDARBHA	01-May-2025	02-May-2025	03-May-2025	04-May-2025	05-May-2025	06-May-2025	07-May-2025
TEMPERATURE DEPARTURE	N	N	N	BN	BN	ABN	ABN

Realised Minimum Temperature departure During the Week over Vidarbha 01.05.2025 TO 07.05.2025:

VIDARBHA	01-May-2025	02-May-2025	03-May-2025	04-May-2025	05-May-2025	06-May-2025	07-May-2025
TEMPERATURE DEPARTURE	N	N	N	ABN	ABN	ABN	ABN

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	01-May-2025	02-May-2025	03-May-2025	04-May-2025	05-May-2025	06-May-2025	07-May-2025
SPATIAL DISTRIBUTION	DRY	SCT	DRY	FWS	FWS	SCT	FWS
ACTIVITY	Weak	Normal	Weak	Active	Normal	Normal	Normal

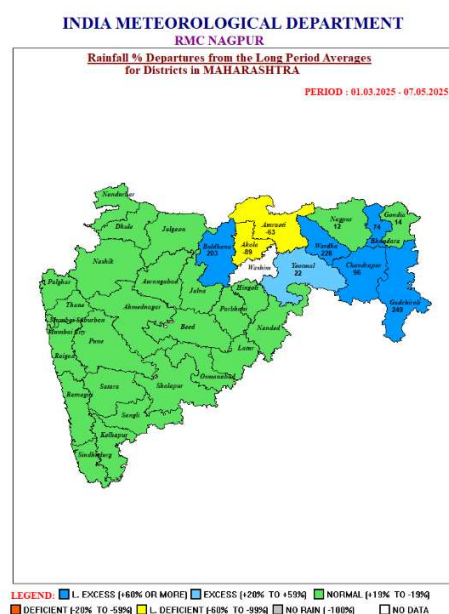
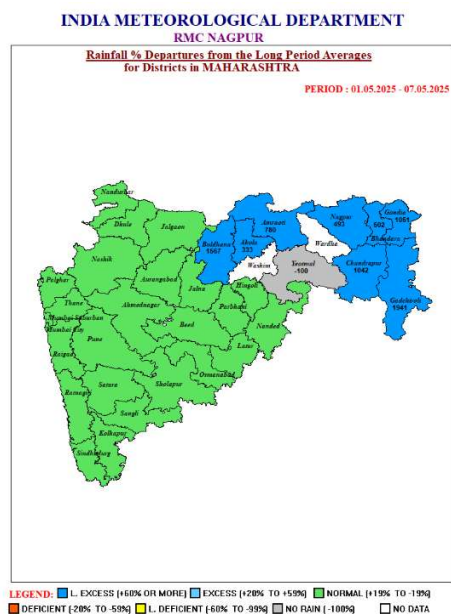
Legends :- Station Reporting Rainfall

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 07.05.2025:

VIDARBHA	01.05.2025 TO 07.05.2025				01.03.2025 to 07.05.2025		
DISTRICTS	W_ACTUAL	W_NORMAL	W_DEP	U_ACTUAL	P_ACTUAL	P_NORMAL	P_DEP
AKOLA	1.3	0.3	333		1.3	12	-89
AMRAOTI	4.4	0.5	780		4.4	11.9	-63
BHANDARA	15.1	2.5	502	24.9	39.9	23	74
BULDHANA	5	0.3	1567	21.1	26.1	8.6	203
CHANDRAPUR	36.5	3.2	1042	16.4	52.9	27	96
GADCHIROLI	59.2	2.9	1941	32.5	91.7	26.3	249
GONDIA	20.7	1.8	1051	11	31.7	27.9	14
NAGPUR	12.4	2.1	493	13	25.5	22.8	12
WARDHA		2.3		61.4	61.4	18.7	228
WASHIM		0.2				14.1	
YEOTMAL	0	1.5	-100	18	18	14.7	22
SUBDIVISION RAINFALL	19.5	1.7	1045	23.9	37.5	18.9	98

RAINFALL MAP FOR WEEK ENDING Dt. 07.05.2025 & FOR SEASON FROM Dt. 01.03.2025 TO 07.05.2025:



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

05/01/2025

NONE

05/02/2025: Arjuni Morgaon (dist Gondia) 1

05/03/2025

NONE

05/04/2025: Gadchiroli (dist Gadchiroli) 6, Saoli (dist Chandrapur) 4, Amgaon (dist Gondia) 3, Bhadravati (dist Chandrapur) 1, Dhanora (dist Gadchiroli) 1, Arjuni Morgaon (dist Gondia) 1, Kamptee (dist Nagpur) 1

05/05/2025: Bhiwapur (dist Nagpur) 3, Bhadravati (dist Chandrapur) 2, Gondia Ap (dist Gondia) 2, Chimur (dist Chandrapur) 1, Nagpur Aerodrome (dist Nagpur) 1

05/06/2025: Dhanora (dist Gadchiroli) 1, Kamptee (dist Nagpur) 1, Gondia Ap (dist Gondia) 1, Saoli (dist Chandrapur) 1, Bhadravati (dist Chandrapur) 1

05/07/2025: Korpana (dist Chandrapur) 1

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