



Weekly Weather Report of Vidarbha for Week ending on 02.10.2024

Chief Synoptic Features (26.09.2024 – 02.10.2024):

❖ The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. ❖ The cyclonic circulation over Vidarbha now lies over north Madhya Maharashtra & neighbourhood and extends upto 5.8 km above mean sea level tilting southwards with height. ❖ The trough now runs from the cyclonic circulation over north Madhya Maharashtra & neighbourhood to north Bangladesh across Vidarbha, Chhattisgarh, Jharkhand, Gangetic West Bengal and extends upto 5.8 km above mean sea level. The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. The cyclonic circulation over north Madhya Maharashtra & neighbourhood now lies over southwest Madhya Pradesh and neighbourhood and extends upto 5.8 km above mean sea level tilting southwestwards with height. The trough from north Madhya Maharashtra & neighbourhood to north Bangladesh now runs from south Gujarat to northwest Bihar across the cyclonic circulation over southwest Madhya Pradesh and neighborhood between 1.5 km & 5.8 km above mean sea level. The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. The trough now runs from northeast Arabian Sea to northwest Bihar across, the cyclonic circulation over southwest Uttar Pradesh & neighbourhood and extends upto 5.8 km above mean sea level. ❖ The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. The cyclonic circulation over southwest Uttar Pradesh & neighbourhood now lies over northwest Madhya Pradesh & neighbourhood and extends upto 4.5 km above mean sea level tilting southwestwards with height. The trough from South Interior Karnataka to Gulf of Mannar now runs from Comorin area to Rayalaseema across Interior Tamil Nadu and extends upto 0.9 km above mean sea level. Conditions are becoming favourable for the further withdrawal of southwest monsoon from some more parts of Rajasthan, Haryana, Punjab and some parts of Jammu-Kashmir-Ladakh-Gilgit-Baltistan Muzaffarabad & Himachal Pradesh during next 2-3 days. The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. The trough from Comorin area to Rayalaseema now runs from Comorin area to off south Coastal Karnataka and extends upto 1.5 km above mean sea level. A trough runs from north Konkan to southeast Uttar Pradesh across Madhya Pradesh between 1.5 & 3.1 km above mean sea level. The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. ❖ A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. ❖ The trough from Comorin area to south Coastal Karnataka now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level. ❖ The trough from north Konkan to southeast Uttar Pradesh now runs from north Konkan to northeast Madhya Pradesh across Interior Maharashtra at 3.1 km above mean sea level. The line of withdrawal of southwest monsoon continues to pass through Firozpur, Sirsa, Churu, Ajmer, Mount Abu, Deesa, Surendranagar, Junagarh and $21^{\circ}\text{N}/70^{\circ}\text{E}$. ❖ A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. ❖ The trough from Comorin area to south Coastal Karnataka now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level. ❖ The trough from north Konkan to southeast Uttar Pradesh now runs from north Konkan to northeast Madhya Pradesh across Interior Maharashtra at 3.1 km above mean sea level.

LEGEND: Isolated Days: upto 2 days, Few days: upto 3 days, Many days: 4 to 5 days & Most days: 6 to 7 days during the week.

RAINFALL SUMMARY

Category of Rainfall	Week	Season
	26.09.2024 TO 02.10.2024	01.06.2024 TO 30.09.2024
	Number of districts	Number of districts
LARGE EXCESS (+60% or more)	03	NIL
EXCESS (+20% to +59%)	02	NIL
NORMAL (+19% to -19%)	02	NIL
DEFICIENT (-20% to -59%)	04	1
LARGE DEFICIENT (-60% to -99%)	NIL	10
NO RAIN (-100%)	NIL	NIL
NO DATA	NIL	NIL

Realised Maximum Temperature departure During the Week over Vidarbha:

VIDARBHA	26-Sept-2024	27-Sept-2024	28-Sept-2024	29-Sept-2024	30-Sept-2024	01-Oct-2024	02-Oct-2024
TEMPERATURE DEPARTURE	N	BN	BN	N	N	N	N

Realised Minimum Temperature departure During the Week over Vidarbha:

VIDARBHA	26-Sept-2024	27-Sept-2024	28-Sept-2024	29-Sept-2024	30-Sept-2024	01-Oct-2024	02-Oct-2024
TEMPERATURE DEPARTURE	N	N	N	N	N	AN	AN

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	26-Sept-2024	27-Sept-2024	28- Sept - 2024	29- Sept - 2024	30- Sept -2024	01- Oct - 2024	02- oct - 2024
SPATIAL DISTRIBUTION	Widespread	Widespread	Widespread	Scattered	Scattered	Scattered	Isolated
ACTIVITY	Active	Vigorous	Normal	Normal	Weak	Weak	Weak

Legends :- Station Reporting Rainfall

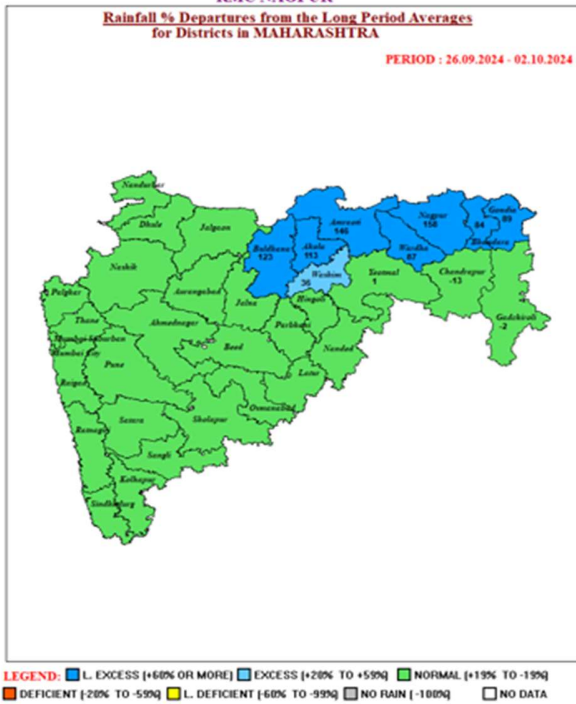
76 - 100	WS	Widespread / Most Places
51-75	FWS	Fairly Widespread / Many Places
26-50	SCT	Scattered / A Few Places
1-25	ISOL	Isolated
No Rain	DRY	Dry

DISTRICTWISE WEEKLY AND SEASONAL RAINFALL FOR THE WEEK ENDING 18.09.2024:

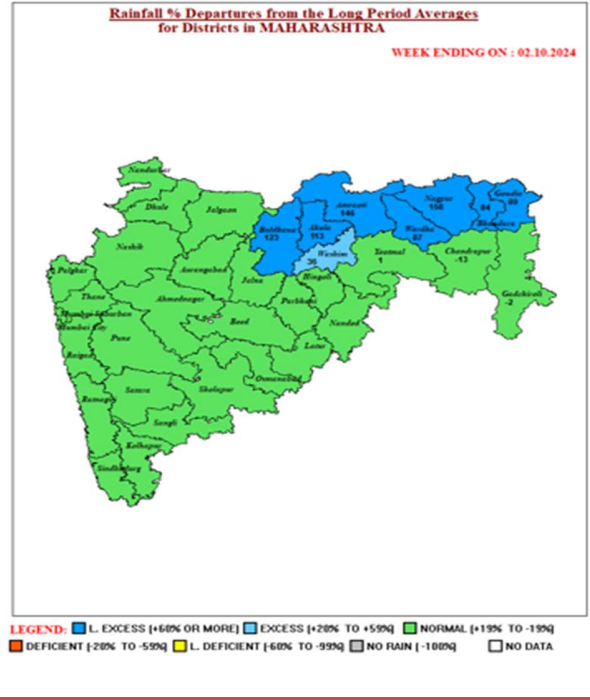
VIDARBHA	FROM 26.09.2024 TO 02.10.2024			FROM 01.06.2024 TO 30.09.2024		
DISTRICTS	W_ACTUAL	W_NORMAL	W_DEP	P_ACTUAL	P_NORMAL	P_DEP
AKOLA	20.7	22.5	-8	1.7	13.5	-87
AMRAOTI	32.4	19.9	63	0.2	10	-98
BHANDARA	27.7	21.6	28	0.9	9.2	-90
BULDHANA	23.6	22	7	1	13.7	-93
CHANDRAPUR	13.4	22.2	-40	4.8	10.8	-56
GADCHIROLI	12.3	24.4	-50	0.5	11.7	-96
GONDIA	28.1	22.2	27	0.5	8.9	-95
NAGPUR	43	18.4	134	0.4	7.8	-95
WARDHA	34.8	21.4	63	0.2	10.4	-98
WASHIM	15.8	20.7	-24	2.6	13.4	-80
YEOTMAL	16.8	24.2	-31	3.9	13.6	-71
SUBDIVISION RAINFALL	23.4	21.9	7	1.7	11.3	-85

RAINFALL MAP FOR WEEK ENDING Dt. 18.09.2024 & FOR SEASON FROM Dt.01.06.2024 TO 18.09.2024:

**INDIA METEOROLOGICAL DEPARTMENT
RMC NAGPUR**



**INDIA METEOROLOGICAL DEPARTMENT
RMC NAGPUR**



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

VIDARBHA

26/09/2024: Deolgaon Raja (dist Buldhana) 6, Lonar (dist Buldhana) 5, Sindkhed Raja (dist Buldhana) 4, Barshitakli (dist Akola) 3, Daryapur (dist Amraoti) 3, Jalgaon Jamod (dist Buldhana) 3, Armori (dist Gadchiroli) 3, Chandur Bazar (dist Amraoti) 3, Sakoli (arg) (dist Bhandara) 3, Patur (dist Akola) 3, Sironcha (dist Gadchiroli) 3, Karanjlad (dist Washim) 3, Murtajapur (dist Akola) 3, Tiwsa (dist Amraoti) 3, Anjangaon (dist Amraoti) 3, Paratwada (dist Amraoti) 2, Salekasa (dist Gondia) 2, Tirora (dist Gondia) 2, Chikhli (dist Buldhana) 2, Goregaon (dist Gondia) 2, Batkuli (dist Amraoti) 2, Ghatanji (dist Yeotmal) 2, Sakoli (dist Bhandara) 2, Mehkar (dist Buldhana) 2, Akola (dist Akola) 2, Arni (dist Yeotmal) 2, Bhamragad (dist Gadchiroli) 2, Amraoti (dist Amraoti) 2, Motala (dist Buldhana) 2, Malkapur (dist Buldhana) 2, Chikhaldra (dist Amraoti) 2, Khamgaon (dist Buldhana) 2, Lakhandur (dist Bhandara) 1, Akot (dist Akola) 1, Telhara (dist Akola) 1, Ballarpur (dist Chandrapur) 1, Amgaon (dist Gondia) 1, Ashti (dist Wardha) 1, Ahiri (dist Gadchiroli) 1, Chandrapur (dist Chandrapur) 1, Arjuni Morgaon (dist Gondia) 1, Morsi (dist Amraoti) 1, Mauda (dist Nagpur) 1, Digras (dist Yeotmal) 1, Risod (dist Washim) 1, Nandura (dist Buldhana) 1, Dhanora (dist Gadchiroli) 1, Balapur (dist Akola) 1, Nagbhir (dist Chandrapur) 1, Bramhapuri (dist Chandrapur) 1, Nandgaonkazi (dist Amraoti) 1, Umerkhed (dist Yeotmal) 1, Desaiganj (dist Gadchiroli) 1, Gondia Ap (dist Gondia) 1, Kuhi (dist Nagpur) 1, Kurkheda (dist Gadchiroli) 1, Mahagaon (dist Yeotmal) 1, Kamptee (dist Nagpur) 1, Darwha (dist Yeotmal) 1, Amgaon (dist Gondia) 2, Murtajapur (dist Akola) 2, Malegaon (dist Washim) 2, Arvi (dist Wardha) 2, Bhadravati (dist Chandrapur) 2, Ashti (dist Wardha) 2, Anjangaon (dist Amraoti) 2, Mahagaon (dist Yeotmal) 2, Warud (dist Amraoti) 2, Morsi (dist Amraoti) 1, Katol (dist Nagpur) 1, Mohadi (dist Bhandara) 1, Risod (dist Washim) 1, Kalamb (dist Yeotmal) 1, Hinganghat (dist Wardha) 1, Nandura (dist Buldhana) 1, Dhanora (dist Gadchiroli) 1, Akot (dist Akola) 1, Pusad (dist Yeotmal) 1, Bhandara (dist Bhandara) 1, Arni (dist Yeotmal) 1, Saoner (dist Nagpur) 1, Washim (dist Washim) 1, Dharni (dist Amraoti) 1, Ralegaon (dist Yeotmal) 1, Chamorshi (dist Gadchiroli) 1, Pauni (dist Bhandara) 1, Chimur (dist Chandrapur) 1, Sangrampur (dist Buldhana) 1, Nandgaonkazi (dist Amraoti) 1, Gadchiroli (dist Gadchiroli) 1, Bramhapuri (dist Chandrapur) 1, Batkuli (dist Amraoti) 1, Korchi (dist Gadchiroli) 1, Korpana (dist Chandrapur) 1, Balapur (dist Akola) 1, Umrer (dist Nagpur) 1, Warora (dist Chandrapur) 1, Motala (dist Buldhana) 1

27/09/2024: Nagpur (aws) (dist Nagpur) 10, Wardha (Aws) (dist Wardha) 7, Hingna (dist Nagpur) 7, Gondia Ap (dist Gondia) 7, Mauda (dist Nagpur) 6, Chikhaldia (dist Amraoti) 6, Selu (dist Wardha) 5, Kamptee (dist Nagpur) 5, Tiwsa (dist Amraoti) 5, Goregaon (dist Gondia) 5, Gondia (dist Gondia) 5, Tumsar (dist Bhandara) 5, Perseoni (dist Nagpur) 5, Ramtek (arg) (dist Nagpur) 4, Sakoli (arg) (dist Bhandara) 4, Wardha (dist Wardha) 4, Amraoti (dist Amraoti) 4, Narkheda (dist Nagpur) 4, Khamgaon (dist Buldhana) 4, Nagpur Aerodrome (dist Nagpur) 4, Ramtek (dist Nagpur) 3, Deoli (dist Wardha) 3, Lakhandur (dist Bhandara) 3, Chandur Bazar (dist Amraoti) 3, Sadakarjuni (dist Gondia) 3, Paratwada (dist Amraoti) 3, Kurkheda (dist Gadchiroli) 3, Shegaon (dist Buldhana) 3, Yeotmal (aws) (dist Yeotmal) 3, Sakoli (dist Bhandara) 3, Bhiwapur (dist Nagpur) 3, Sindewahi (dist Chandrapur) 3, Umerkhed (dist Yeotmal) 3, Kuhi (dist Nagpur) 2, Babulgaon (dist Yeotmal) 2, Malkapur (dist Buldhana) 2, Gondia (Aws) (dist Gondia) 2, Manora (dist Washim) 2, Dhamangaon RIwy (dist Amraoti) 2, Desaignj (dist Gadchiroli) 2, Daryapur (dist Amraoti) 2, Mehkar (dist Buldhana) 2, Kalmeshwar (dist Nagpur) 2, Lakhani (dist Bhandara) 2, Arjuni Morgaon (dist Gondia) 2, Armori (dist Gadchiroli) 2, Deori (dist Gondia) 2, Patur (dist Akola) 2, Jalgaon Jamod (dist Buldhana) 2, Yeotmal (dist Yeotmal) 2, Kharangha (dist Wardha) 2, Mangrulpir (dist Washim) 2, Mul (dist Chandrapur) 1, Joiti (dist Chandrapur) 1

28/09/2024: Sangrampur (dist Buldhana) 2, Jalgaon Jamod (dist Buldhana) 1, Telhara (dist Akola) 1, Katol (dist Nagpur) 1, Bramhapuri (dist Chandrapur) 1, Chikhaldia (dist Amraoti) 1, Kharangha (dist Wardha) 1, Malkapur (dist Buldhana) 1, Arjuni Morgaon (dist Gondia) 1
09/29/2024: Warud (dist Amraoti) 2, Akot (dist Akola) 1, Amraoti (dist Amraoti) 1, Batkuli (dist Amraoti) 1, Anjangaon (dist Amraoti) 1

30/09/2024: Patur (dist Akola) 1

01/10/2024: Pombhurna (dist Chandrapur) 1, Korpana (dist Chandrapur) 1, Deori (dist Gondia) 1, Rajura (dist Chandrapur) 1, Manora (dist Washim) 1, Sangrampur (dist Buldhana) 1, Buldana (dist Buldhana) 1, Sadakarjuni (dist Gondia) 1, Lakhani (dist Bhandara) 1

02/10/2024 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