



Government of India  
Earth System Science Organization  
Ministry of Earth Sciences  
India Meteorological Department  
Regional Meteorological Centre  
Nagpur

Date: 28-Sep-2023

**Current Weather and Outlook for next two weeks (28-Sep-2023 to 11-Oct-2023) for Vidarbha**

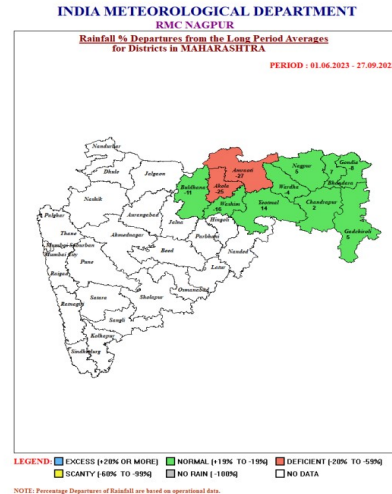
**Realised Rainfall**

Date	Distribution	Activity	Heavy Rainfall (cm)
21-09-2023	Widespread	Active	NIL
22-09-2023	Widespread	Vigorous	Chandrapur (dist Chandrapur) 9, Pombhurna (dist Chandrapur) 8
23-09-2023	Widespread	Vigorous	Agriculture College (dist Nagpur) 16, Nagpur Aerodrome (dist Nagpur) 12, Tumsar (dist Bhandara) 10, Kamptee (dist Nagpur) 9, Kuhi (dist Nagpur) 8, Ramtek (dist Nagpur) 8
24-09-2023	Widespread	Weak	NIL
25-09-2023	Widespread	Weak	NIL
26-09-2023	Fairly Widespread	Weak	NIL
27-09-2023	Fairly Widespread	Normal	NIL

**Cumulative Rainfall (01st June to 27th September 2023)**

District	Actual	Normal	Departure
AKOLA	518.7	687.2	-25
AMRAOTI	598.2	815.5	-27
BHANDARA	1153.7	1077.1	7
BULDHANA	572.5	641.7	-11
CHANDRAPUR	1091.3	1068.1	2
GADCHIROLI	1338.1	1279.7	5
GONDIA	1109.6	1204.2	-8
NAGPUR	978.4	930.3	5
WARDHA	795.9	833.4	-4
WASHIM	643.7	767	-16
YEOTMAL	914.1	800.9	14
SUBDIVISION RAJ	907.2	929.4	-2

**Cumulative Rainfall for 01st June to 27th September 2023**

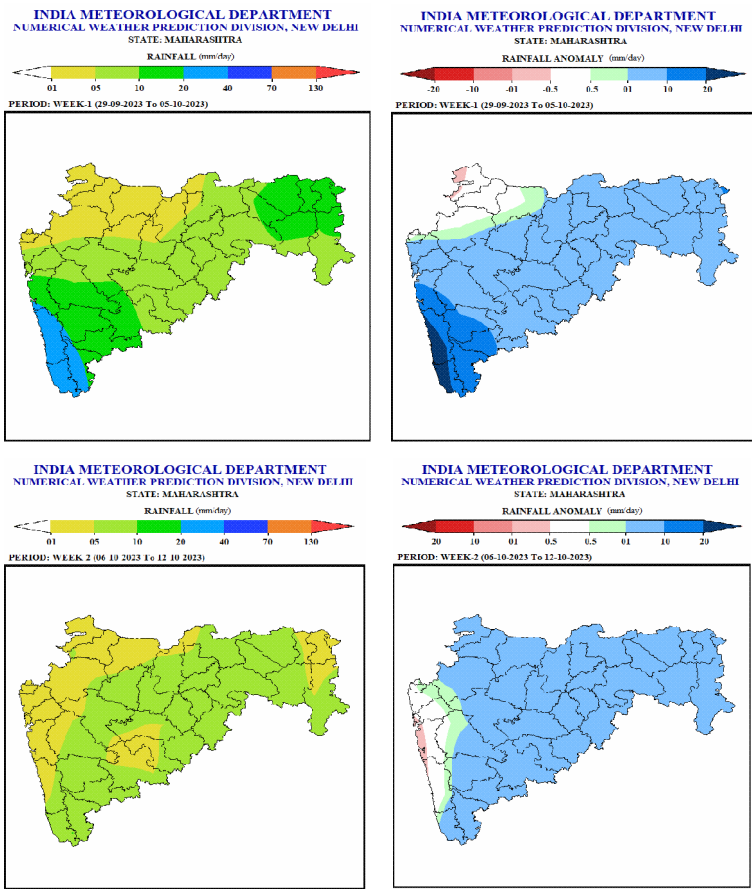


Chief synoptic conditions as on 27th-Sep-2023

The cyclonic circulation over Telangana & neighbourhood extending upto 2.1 km above mean sea level persists. The trough from east Vidarbha to south Konkan between 4.5 & 5.8 km above mean sea level persists. The cyclonic circulation over Westcentral Bay of Bengal off Andhra Pradesh coast between 4.5 & 5.8 km above mean sea level persists. A cyclonic circulation is likely to form over north Andaman Sea & neighbourhood around 29th September. Under its influence a Low-Pressure Area is likely to form over north Andaman Sea & adjoining Eastcentral Bay of Bengal during subsequent 24 hours. Thereafter, it is likely to move west-northwestwards with possibility of gradual intensification.

Forecast for next two weeks (28-Sep-2023 to 11-Oct-2023)

Period	Rainfall
Week 1 (28-09-2023 to 04-10-2023)	Light isolated/scattered rainfall is very likely over Vidarbha.
Week 2 (05-10-2023 to 11-10-2023)	Light to moderate fairly widespread to widespread rainfall activity with isolated heavy to very heavy falls are likely over Vidarbha during the week. Rainfall activity is likely to be above normal over Vidarbha.



**LEGENDS:**

Rainfall Category	% Departure from normal
Large excess	+60% and above
Excess	+20% to +59%
Normal	-19% to +19%
Deficient	-59% to -20%
Large deficient	-60% or less
No rain	-100%

Intensity of Rainfall	Amount of Rainfall
Very light	0.1 - 2.4 mm
Light	2.5 - 15.5 mm
Moderate	15.6 - 64.4 mm
Heavy	64.5 - 115.5 mm
Very heavy	115.6 - 204.4 mm
Extremely heavy	≥ 204.4
Exceptionally heavy	When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall

Category	% of stations
Widespread/ most places	76 - 100%
Fairly widespread/ many places	51 - 75%
Scattered/ few places	26 - 50%
Isolated	upto 25%
Dry	none of the stations reported rainfall

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

Term	Probability of occurrence
Unlikely	Less than 25%
Likely	25 - 50%
Very likely	51 - 75%
Most likely	76% and above