



**Government of India**  
**Ministry of Earth Sciences**  
**India Meteorological Department**

**Press Release**  
**Date: 07<sup>th</sup> October, 2022**  
**Time of Issue: 1245 hrs IST**

**Subject: (i) Heavy rainfall spell likely to continue over Uttarakhand, Uttar Pradesh, West Madhya Pradesh and East Rajasthan during next 4-5 days.**  
**(ii) Heavy rainfall spell likely over Tamilnadu, Interior Karnataka, Coastal Andhra Pradesh and Rayalaseema during next 3-4 days.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annex. I)**  
**Withdrawal of Southwest Monsoon (Annex II)**

- The withdrawal line of Southwest Monsoon continues to pass through Long. 79.0°E/ Lat. 31.7° N, Uttarkashi, Nazibabad, Agra, Gwalior, Ratlam, Bharuch and Long. 71.0°E / Lat. 20.3° N.

**Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure III)**

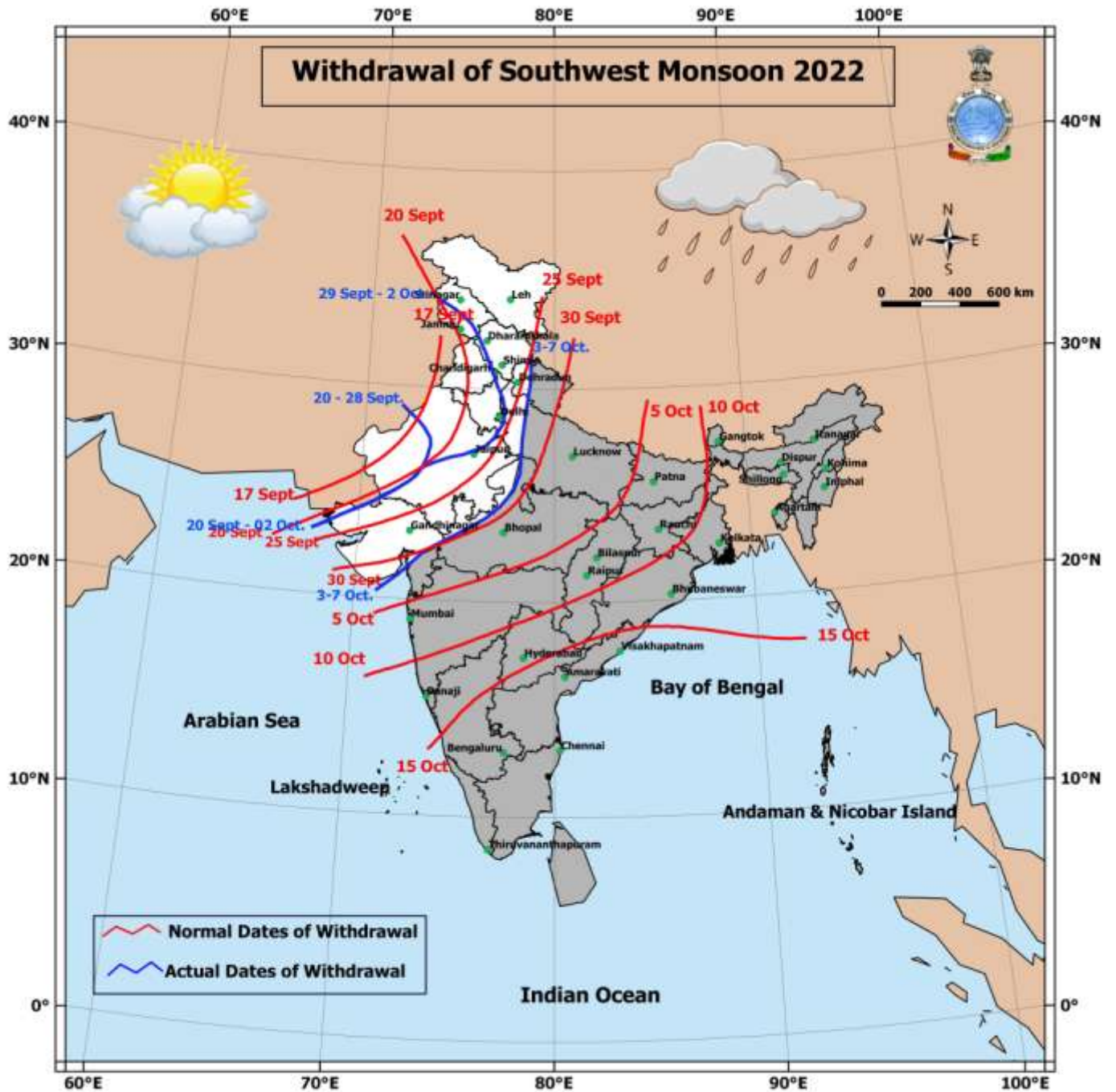
- A cyclonic circulation lies over Telangana and adjoining Vidarbha in lower tropospheric levels.
- A trough runs from the cyclonic circulation over Coastal Andhra Pradesh to Uttarakhand across Telangana, West Madhya Pradesh & West Uttar Pradesh in lower tropospheric levels.
- Another cyclonic circulation lies over central parts of south Bay of Bengal in lower and middle tropospheric levels.
- **Under the influence of above systems;**
  - Fairly widespread/widespread light/moderate rainfall with **isolated/scattered heavy falls & thunderstorm/lightning** very likely over Uttarakhand and Uttar Pradesh during 07<sup>th</sup>-11<sup>th</sup>; Haryana on 08<sup>th</sup> & 09<sup>th</sup>; East Rajasthan during 07<sup>th</sup>-09<sup>th</sup> and West Madhya Pradesh during 07<sup>th</sup>-10<sup>th</sup>; East Madhya Pradesh on 07<sup>th</sup> & 11<sup>th</sup> October, 2022. **Isolated very heavy rainfall very likely over Uttarakhand and West Uttar Pradesh during 07<sup>th</sup>-09<sup>th</sup>; East Uttar Pradesh on 07<sup>th</sup> October, 2022.**
  - Scattered/Fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Gujarat Region 07<sup>th</sup>-10<sup>th</sup>; Madhya Maharashtra and Coastal Andhra Pradesh & Yanam during 07<sup>th</sup>-09<sup>th</sup>; Marathwada on 7<sup>th</sup> & 9<sup>th</sup>; Konkan & Goa and Telangana on 07<sup>th</sup>; Rayalaseema and Tamil Nadu, Puducherry & Karaikal on 07<sup>th</sup>-11<sup>th</sup>; North Interior Karnataka, during 07<sup>th</sup>, 09<sup>th</sup> & 10<sup>th</sup>; South Interior Karnataka during 9<sup>th</sup> - 11<sup>th</sup>; Kerala on 9<sup>th</sup> & 10<sup>th</sup> October, 2022.
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Andaman & Nicobar Islands on 07<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim on 8<sup>th</sup> & 9<sup>th</sup>; Odisha on 9<sup>th</sup> & 10<sup>th</sup>; Bihar on 11<sup>th</sup> October, 2022.
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Arunachal Pradesh and Assam & Meghalaya during 07<sup>th</sup>-11<sup>th</sup> and over Nagaland, Manipur, Mizoram & Tripura on 10<sup>th</sup> & 11<sup>th</sup> October, 2022.

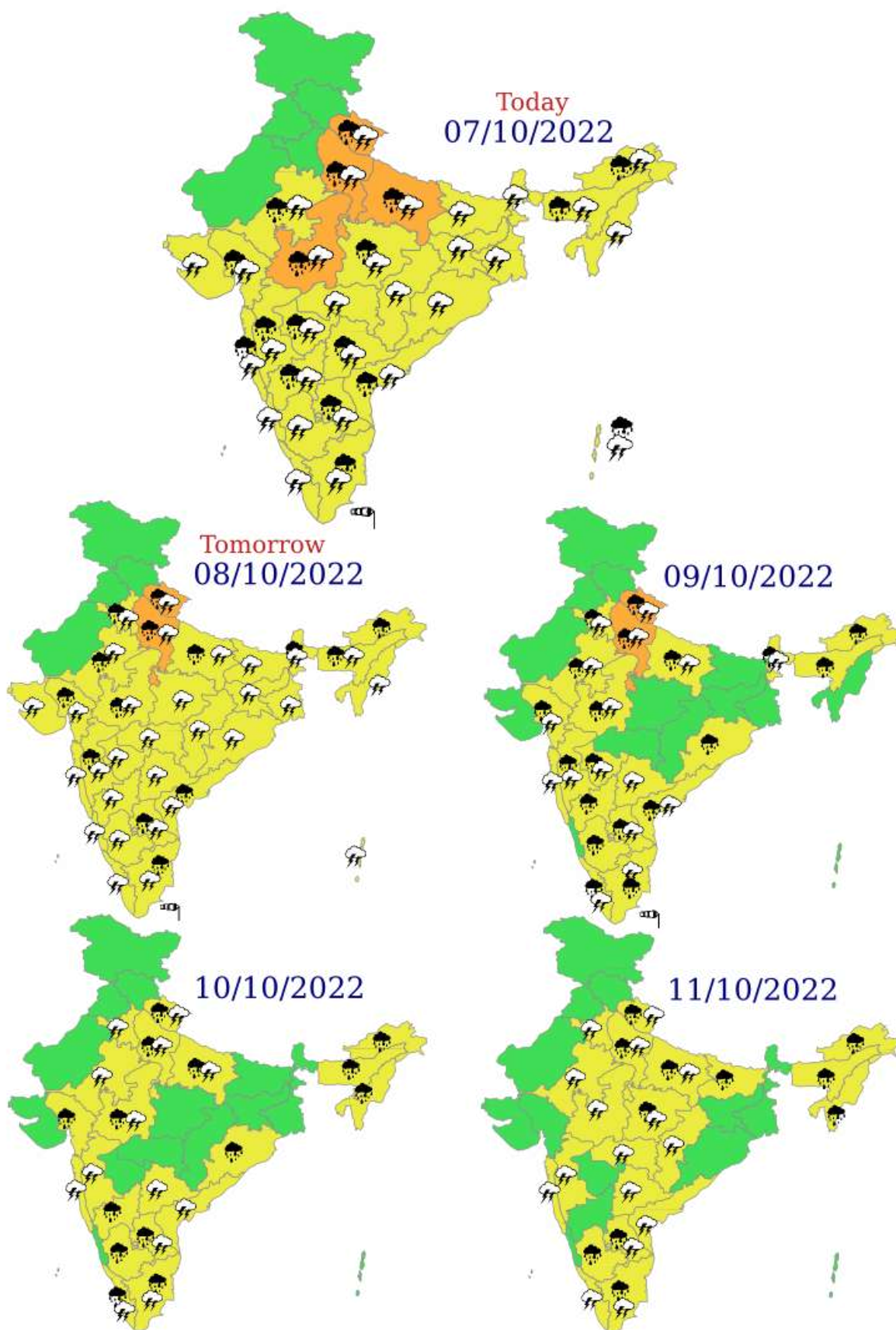
For more details kindly refer: [https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forcast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php)

**Isolated very heavy rainfall** over East Uttar Pradesh, Bihar, West Madhya Pradesh, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Marathawada and Rayalaseema and **heavy rainfall** over West Uttar Pradesh, East Madhya Pradesh, Odisha, Assam, Coastal Andhra Pradesh, Telangana and Tamil Nadu.

### Rainfall (in cm):

- ❖ **East Uttar Pradesh:** Kakerdarighat (Dist Shrawasti) 15, Ramnagar (Dist Barabanki) 13, Haidargarh (Dist Barabanki) 12, Palliakalan (Dist Kheri) 12, L Kheri 11; Bahraich 8;
- ❖ **Bihar:** Tribeni/Balmikinagar (Dist West Champaran) 15;
- ❖ **West Madhya Pradesh:** Susner (dist Agar-malwa) 14, Nagda (dist Ujjain) 14, Gulana (dist Shajapur) 13, Nalkheda (dist Agar-malwa) 12, Ichhawar (dist Sehore) 11, Moman Badodiya (dist Shajapur) 9, Ratlam-aws (dist Ratlam) 9, Sailana (dist Ratlam) 9, Kolar (dist Bhopal) 8, Biaora (dist Rajgarh) 8, Jawar (dist Sehore) 8, Khandwa (dist Khandwa) 8, Zirapur (dist Rajgarh) 8, Mahidpur (dist Ujjain) 7, Khaknar (dist Burhanpur) 7, Khachrod (dist Ujjain) 7, Chicholi (dist Betul) 7, Raisen-aws (dist Raisen) 7;
- ❖ **Rayalaseema:** Duvvur (dist Ysr District) 14, Raju Palem (dist Ysr District) 9, Pulivendla (dist Ysr District) 7, Vempalle (dist Ysr District) 7;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 13, Nevasa (dist Ahmednagar) 10, Karad (dist Satara) 7, Pachora (dist Jalgaon) 7, Karjat (dist Ahmednagar) 7;
- ❖ **Marathawada:** Paranda (dist Osmanabad) 12;
- ❖ **Gujarat Region:** Jambughoda (dist Panchmahal) 12, Morva Hadaf (dist Panchmahal) 8, Godhra (dist Panchmahal) 7;
- ❖ **Konkan & Goa:** Imd Obsy (dist Ratnagiri) 12, Kankavli (dist Sindhudurg) 7;
- ❖ **West Uttar Pradesh:** Baheri (Dist Bareilly) 11;
- ❖ **Odisha:** Naraj ( Dist Cuttack) 9, Mundali ( dist Cuttack) 8, Khurda (dist Banpur) 7;
- ❖ **Coastal Andhra Pradesh:** Nellimarla (dist Vizianagaram) 9, Atchampet (dist Guntur) 8, Tiruvuru (dist Krishna) 7, Bhimadole (dist West Godavari) 7, Yelamanchili (dist Vishakhapatnam) 7, Palasa (dist Srikakulam) 7, Mentada (dist Vizianagaram) 7;
- ❖ **East Madhya Pradesh:** Rajnagar (dist Chhatarpur) 8, Devendranagar (dist Panna) 7,
- ❖ **Assam:** Goalpara (AWS) (dist Goalpara) 8;
- ❖ **Telangana:** Konaraopeta (dist Rajanna Sircilla) 8, Peddemul (dist Vikarabad) 8, Atmakur Wnp (dist Wanaparthy) 7, Thimmajipeta (dist Nagarkurnool) 7, Kalwakurthy (dist Nagarkurnool) 7;
- ❖ **Tamil Nadu:** Puzhal ARG (dist Tiruvallur) 7.





## **IMPACT EXPECTED & ACTION SUGGESTED DUE TO-**

**Isolated very heavy rainfall very likely over Uttarakhand and West Uttar Pradesh during 07<sup>th</sup>-09<sup>th</sup> and East Uttar Pradesh and West Madhya Pradesh on 07th October, 2022.**

### **A. Impact Expected**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

### **B. Action Suggested**

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

**Legends:**

**Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

**Region wise classification of meteorological Sub-Divisions:**

- 1) **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



<b>WARNING</b>	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

<b>Probabilistic Forecast</b>	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

