



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 06th October, 2022
Time of Issue: 1230 hrs IST

Subject: (i) Intense rainfall spell likely to continue over Uttar Pradesh and Uttarakhand till 08th October, 2022.
(ii) Heavy rainfall spell likely over Coastal Andhra Pradesh, Rayalaseema, Telangana and Madhya Pradesh during next 2-3 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)

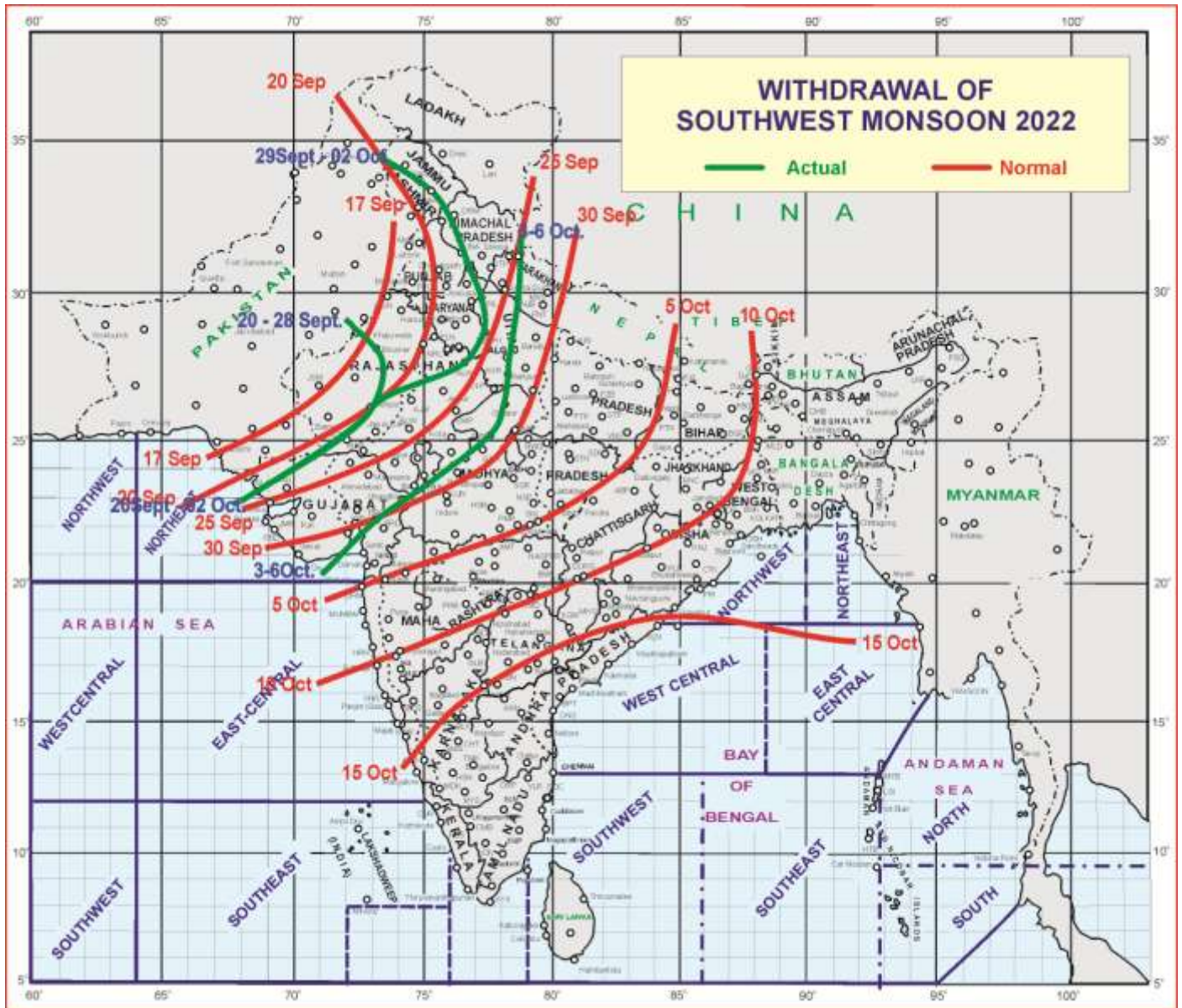
- A cyclonic circulation lies over south Coastal Andhra Pradesh & neighbourhood in lower tropospheric levels.
- A trough runs from the cyclonic circulation over south Coastal Andhra Pradesh & neighbourhood to central parts of north Uttar Pradesh across Telangana, Vidarbha & West Madhya Pradesh in lower tropospheric levels.
- Another cyclonic circulation lies over central parts of south Bay of Bengal in 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 West Uttar Pradesh during 06th-10th; East Uttar Pradesh during 06th-08th; Haryana on 08th & 09th; East Rajasthan during 07th-09th and West Madhya Pradesh during 06th-09th; East Madhya Pradesh on 06th & 07th; Vidarbha and October, 2022. **Isolated very heavy rainfall very likely over Uttarakhand during 06th-09th; West Uttar Pradesh during 07th-09th and East Uttar Pradesh on 06th October, 2022. Isolated extremely heavy falls also likely over Uttarakhand on 07th & 08th and East Uttar Pradesh on 06th October, 2022.**
 - Scattered/Fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Gujarat Region and Madhya Maharashtra on 08th & 09th; Marathwada on 07th; Coastal Andhra Pradesh & Yanam during 06th-09th; Rayalaseema, North Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 06th-08th; Telangana on 06th & 07th and south Konkan & Goa, Coastal & South Interior Karnataka on 06th October, 2022. **Isolated very heavy rainfall also very likely over south Coastal Andhra Pradesh, Telangana and Rayalaseema on 06th October, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Bihar, Andaman & Nicobar Islands on 06th; Sub-Himalayan West Bengal & Sikkim during 06th-08th; Odisha on 06th & 09th October, 2022.
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Arunachal Pradesh and Assam & Meghalaya during 06th-10th and over Mizoram & Tripura on 09th & 10th October, 2022.

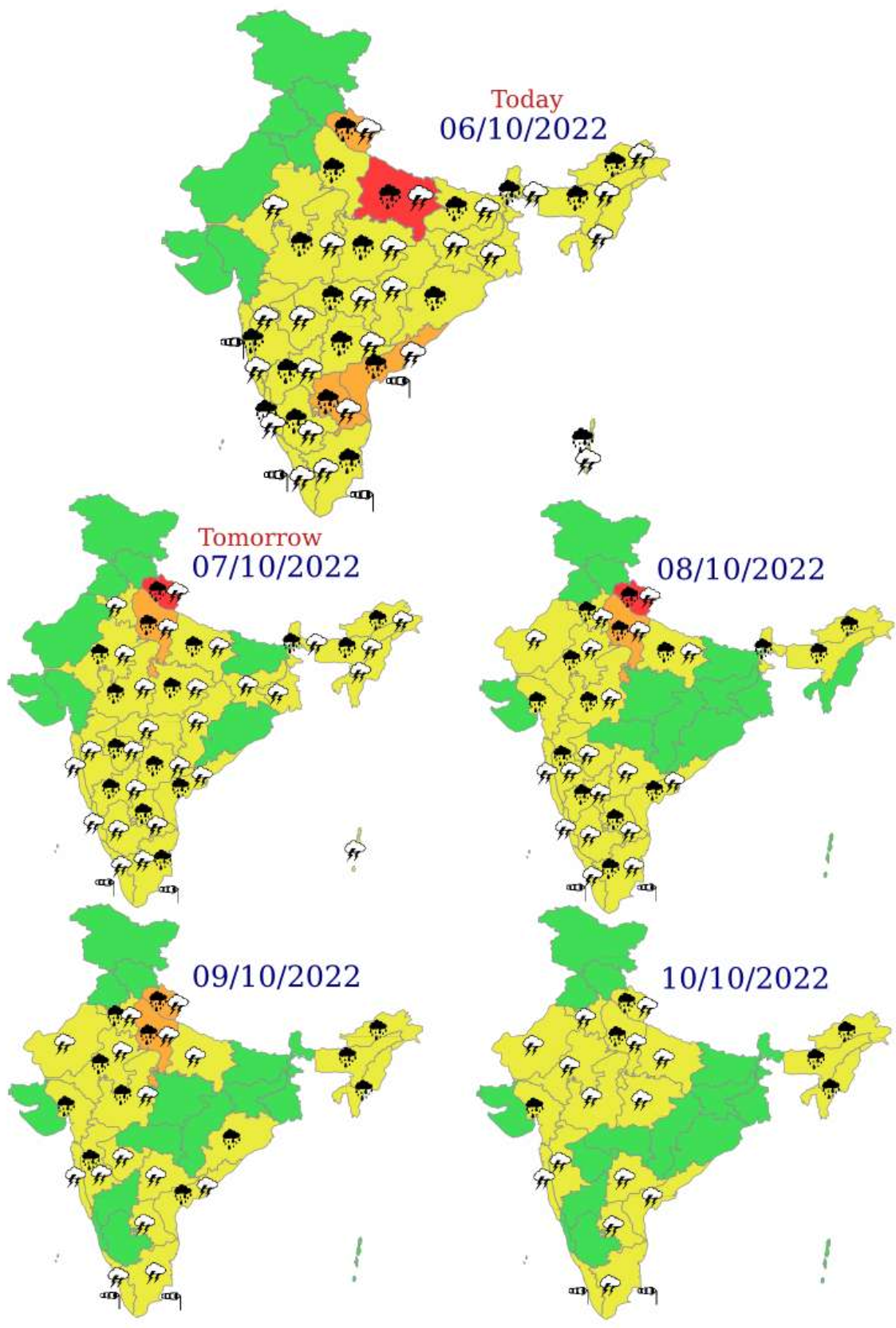
For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php

Isolated extremely heavy rainfall occurred over East Uttar Pradesh; **isolated very heavy rainfall** over Sub-Himalayan West Bengal, Arunachal Pradesh and Coastal Andhra Pradesh and **heavy rainfall** over Uttarakhand, East Madhya Pradesh, Assam, Odisha, Tamil Nadu and Kerala.

Rainfall (in cm):

- ❖ **East Uttar Pradesh:** Trimohani Ghat Maharajganj 41, Gonda Cwc Gonda 36, Ayodhya Ayodhya 31, Chanderdeepghat Gorakhpur 30, Bhinga Shrawasti 23, Uska Bazar Fmo Siddharth Nagar 22, Kakerdarighat Shrawasti 21, Elgin Bridge Barabanki 20, Haraiya Basti 18, Gorakhpur Gorakhpur 18, Mau Tehsil Chitrakoot 17, Fatehpur Tehsil Barabanki 16, Patti Pratapgarh 16, Kaiserganj Bahraich 16, Raniganj Pratapgarh 15, Nichloul Maharajganj 15, Maharajganj Maharajganj 15, Notanwa Maharajganj 14, Ayodhya (Ag) Ayodhya 14, Lambhuaa Sultanpur 14, Sultanpur Obsy Sultanpur 14, Haidargarh Barabanki 14, Ramnagar Barabanki 14, Karwi Chitrakoot 13, Pharenda Maharajganj 13, Birdghat Gorakhpur 13, Kunda Pratapgarh 13, Lalganj Aara Pratapgarh 12, Basti Cwc Basti 12, Lucknow (Cr) Lucknow 12, Basti Obsy Basti 12, Balrampur(T) Balrampur 11, Pratapgarh (T) Pratapgarh 11, Bahraich Bahraich 11, Lucknow (Hs) Lucknow 10, Bhanpur Basti 10, Shoharatgarh Siddharth Nagar 10;
- ❖ **Sub-Himalayan West Bengal:** Falakata : 16, Bagrakote : 9;
- ❖ **Arunachal Pradesh:** Bhalukpong (West Kameng) 13, Karsingsa & Itanagar (dist Papumpare) 7 each;
- ❖ **Coastal Andhra Pradesh:** Repalle (dist Guntur) 12, Konakanamitla (dist Prakasam) 11, Cumbum (dist Prakasam) 10, Bestavaripeta (dist Prakasam) 10, Srungavarapukota (dist Vizianagaram) 9, Marripudi (dist Prakasam) 9, Podili (dist Prakasam) 8, Visakhapatnam (dist Vishakhapatnam) 8, Avanigada (dist Krishna) 7, Narsapuram (dist West Godavari) 7, Amaravati (dist Guntur) 7, Piduguralla (dist Guntur) 7, Ongole (dist Prakasam) 7;
- ❖ **Kerala:** Malampuzha Dam(Palakkad dist) 11, Palakkad 10, Perinthalamanna & Angadipuram (both in Malappuram district) 7 each;
- ❖ **East Madhya Pradesh:** Gaurihar (dist Chhatarpur) 9, Rajnagar (dist Chhatarpur) 8, Ajaigarh (dist Panna) 7, Jaisinagar (dist Sagar) 7, Lavkushnagar (dist Chhatarpur) 7, West Madhya Pradesh: Sohagpur (dist Narmadapuram) 7;
- ❖ **Assam:** Lakhimpur (dist Lakhimpur) 8;
- ❖ **Tamil Nadu:** Kalavai PWD 8, Kancheepuram 7;
- ❖ **Uttarakhand:** Roshnabad (Dist Haridwar) 7;
- ❖ **Odisha:** Pottangi 7; Kaptipada 7.





IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

(i) Isolated very heavy rainfall very likely over Uttarakhand during 06th-09th; West Uttar Pradesh during 07th-09th and East Uttar Pradesh, south Coastal Andhra Pradesh, Telangana and Rayalaseema on 06th October, 2022.

(ii) Isolated extremely heavy falls also likely over Uttrakhand on 07th & 08th and East Uttar Pradesh on 06th 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 kutcha 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.

SPATIAL DISTRIBUTION (% 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)



WARNING
WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

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

