



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

**Press Release  
Date: 12<sup>th</sup> October, 2022  
Time of Issue: 1215 hrs IST**

**Subject: (i) Heavy rainfall spell likely to continue over Tamilnadu during next 5 days and over Interior Karnataka & Rayalaseema during next 2 days.  
(ii) Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 3-4 days.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annexure I)**

**Withdrawal of Southwest Monsoon: (Withdrawal Map in Annexure 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.
- **Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 3-4 days.**

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

- A cyclonic circulation lies over Comorin area & neighbourhood in lower tropospheric levels.
- A cyclonic circulation lies over north Andaman Sea in lower tropospheric levels and is very likely to move nearly westwards during next 2-3 days.
- **Under the influence of above systems;**
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Madhya Maharashtra & Konkan & Goa on 12<sup>th</sup>; Tamil Nadu, Puducherry & Karaikal during 12<sup>th</sup>-16<sup>th</sup>; Rayalaseema and North Interior Karnataka on 12<sup>th</sup> & 13<sup>th</sup>; south interior Karnataka during 12<sup>th</sup>-14<sup>th</sup> and Kerala & Mahe on 15<sup>th</sup> & 16<sup>th</sup> October, 2022.
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Sub-Himalayan West Bengal & Sikkim and Bihar on 12<sup>th</sup> October, 2022. **Isolated very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim on 12<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 on 12<sup>th</sup> & 13<sup>th</sup> and over Nagaland, Manipur, Mizoram & Tripura on 12<sup>th</sup> October, 2022.
  - Mainly dry weather very likely to prevail over most parts of Northwest India from 14<sup>th</sup> October onwards.
  - Shallow to moderate fog is likely to prevail at isolated pockets over East Uttar Pradesh tomorrow morning.

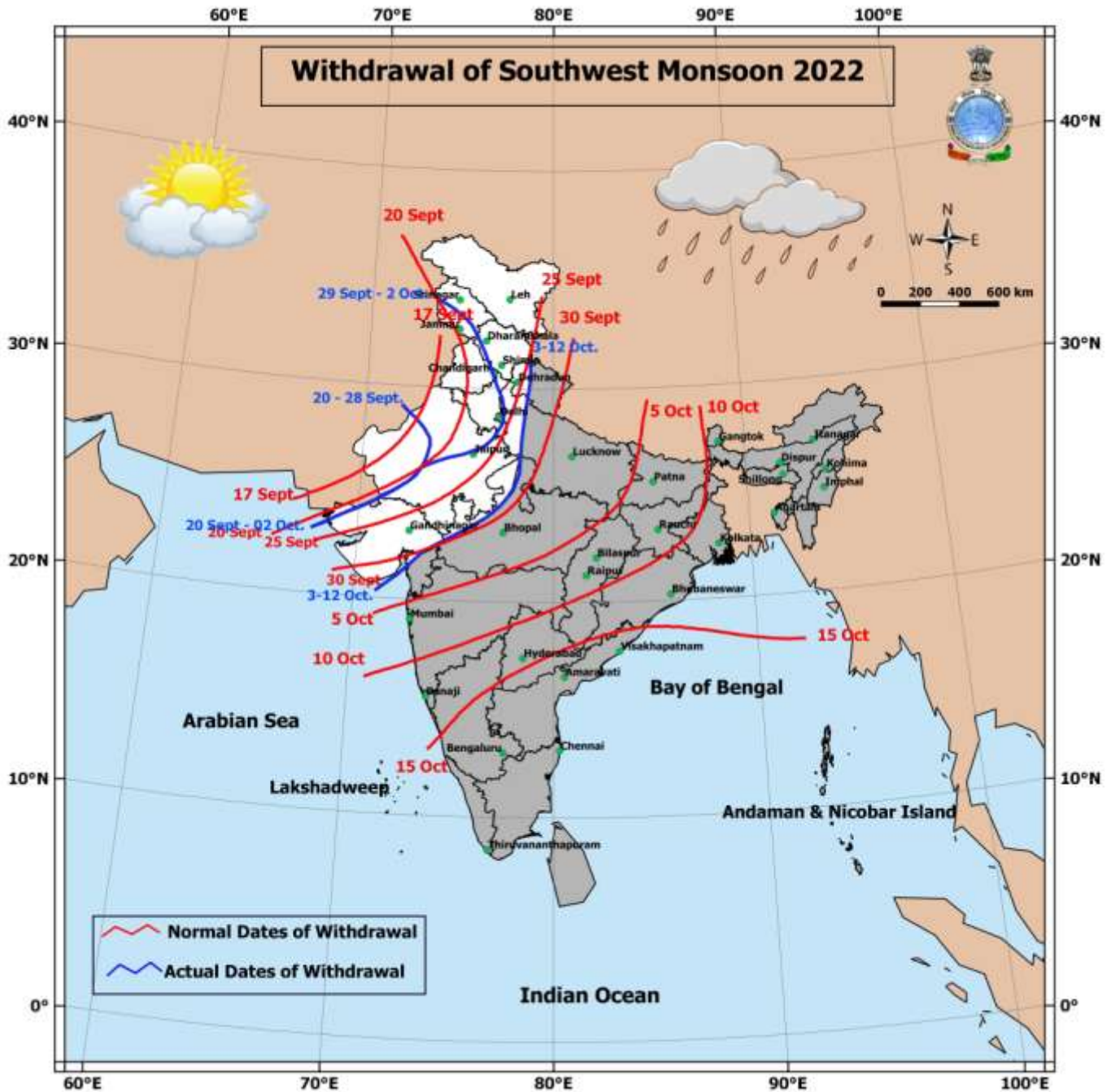
For more details kindly refer: [https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

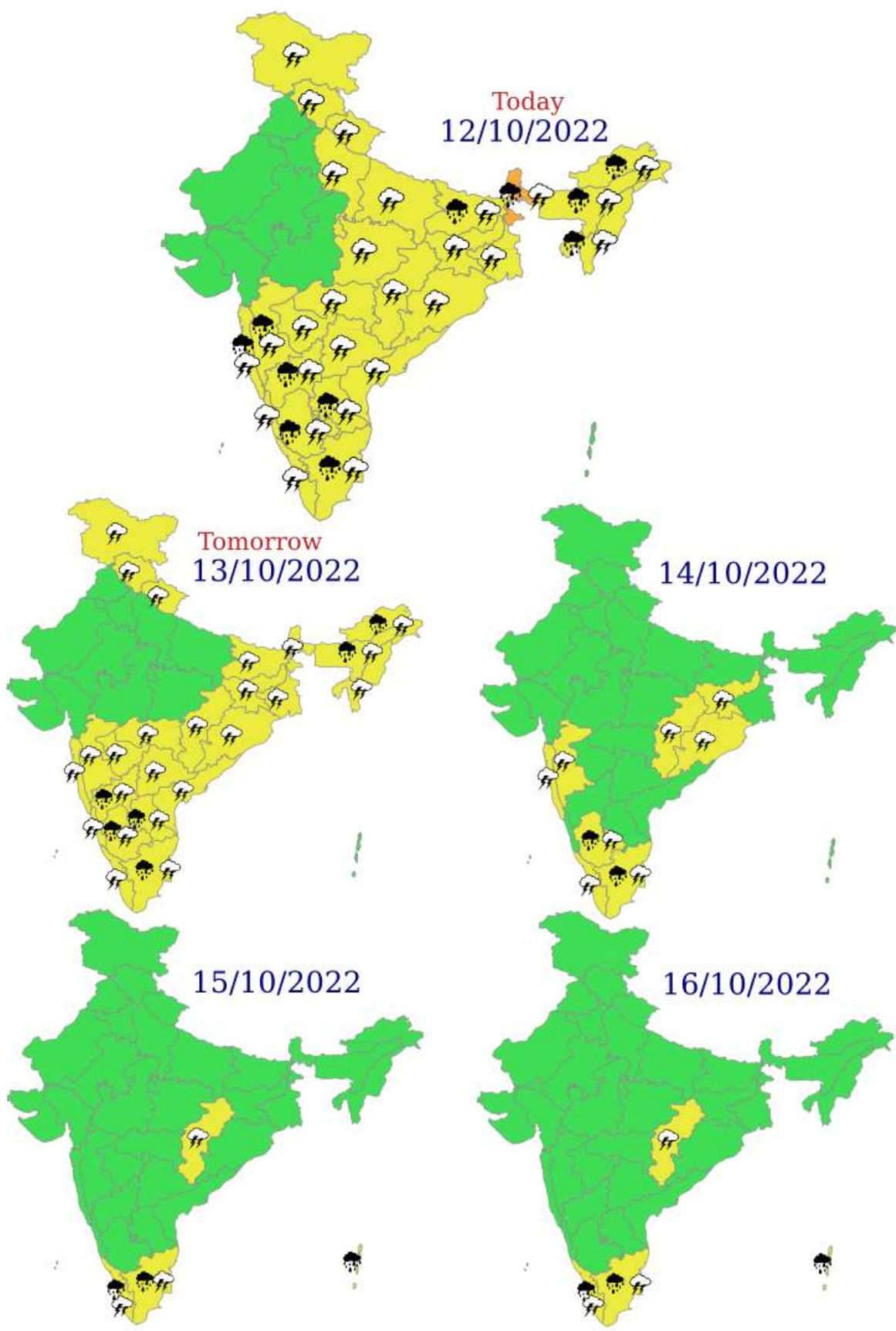
## Annexure I

- ❖ **Shallow to moderate fog** prevailed at isolated pockets over Delhi-NCR and East Uttar Pradesh in the morning hours of today.
- ❖ **Isolated very heavy rainfall occurred over Vidarbha**, Assam, West Bengal & Sikkim and Tamil Nadu and **heavy rainfall** over Himachal Pradesh, Haryana, East Uttar Pradesh, East Madhya Pradesh, Bihar, Jharkhand, Arunachal Pradesh, Meghalaya, North Interior Karnataka and Kerala.

### Rainfall (in cm):

- ❖ **Sub-Himalayan West Bengal & Sikkim:** Chengmari Tea Garden ARG 17, Samsing 17, Ramsai KVK AWS 12, Bagrakote 10, Rongo 10, Mangan (PTO) 10, Singhik 9, Jayanti ARG 9, Neora 9, Jhallong 9, Buxaduar 8, Bhutanghat 7;
- ❖ **Gangetic West Bengal:** Nalhathi 14, Debagram 13, Jhalda ARG 11, Sriniketan 11, Salar 11, Gheropara 9, Kandi 8, Rampurhat 8, Durgapur DVC 7, Rajnagar 7, Monteswar 7;
- ❖ **Tamil Nadu:** Kodaikanal Boat Club (dist Dindigul) 13, Chinnakalar (dist Coimbatore) 10, Kumarapalayam (dist Namakkal), Pennagaram (dist Dharmapuri), Thenparanadu (dist Trichy) 7 each;
- ❖ **Assam & Meghalaya:** Karimganj (dist Karimganj) 12, Tura (AWS) (dist West Garo Hills) 11, Tura KVK (AWS) (dist West Garo Hills) 9, Cachar KVK (AWS) (dist Cachar) 7;
- ❖ **North Interior Karnataka:** Kawadimatti Arg (dist Yadgir) 11, Haveri APMC (dist Haveri) 7, Jalahalli (dist Raichur) 7;
- ❖ **Arunachal Pradesh:** Passighat (dist East Siang) 10, Roing (dist Lower Dibang Valley) 8, Basar (dist Lepa Rada) 7;
- ❖ **East Madhya Pradesh:** Kirnapur (dist Balaghat) 10, Majholi (dist Jabalpur) 9, Baihar (dist Balaghat) 9, Malanjkhanda (dist Balaghat) 9, Paraswada (dist Balaghat) 7;
- ❖ **Bihar:** Birpur (dist Supaul) 10, Purnea (dist Purnea) 7, Chargharia (dist Kishanganj) 7, Gogri (dist Khagaria) 7;
- ❖ **Himachal Pradesh:** Pachhad (dist Sirmaur) 10;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 9, Akole (dist Ahmednagar) 7;
- ❖ **Jharkhand:** Jamshedpur (dist East Singhbhum) 9, Messenjor (dist Dumka) 8, Gobindpur (dist Dhanbad) 7, Godda (Godda) 7;
- ❖ **East Uttar Pradesh:** Kaiserganj (dist Bahraich) 8, Karwi (dist Chitrakoot) 7;
- ❖ **Kerala:** Seethathode AWS (Pathanamthitta district) 8;
- ❖ **Haryana:** Dadupur (dist Yamuna Nagar) 7.





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

**Isolated very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim on 12<sup>th</sup> 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.

<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)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

**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