



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

**Press Release**  
**Date: 07<sup>th</sup> September, 2022**  
**Time of Issue: 1300 hrs IST**

**Subject: (i) Intense rainfall spell likely to continue over South Peninsular India during next 4 days and decrease thereafter.**  
**(ii) Heavy rainfall spell over Odisha and Maharashtra during next 5 days.**  
**(iii) Subdued rainfall activity likely to continue over plains of Northwest India during next 5 days.**

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

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

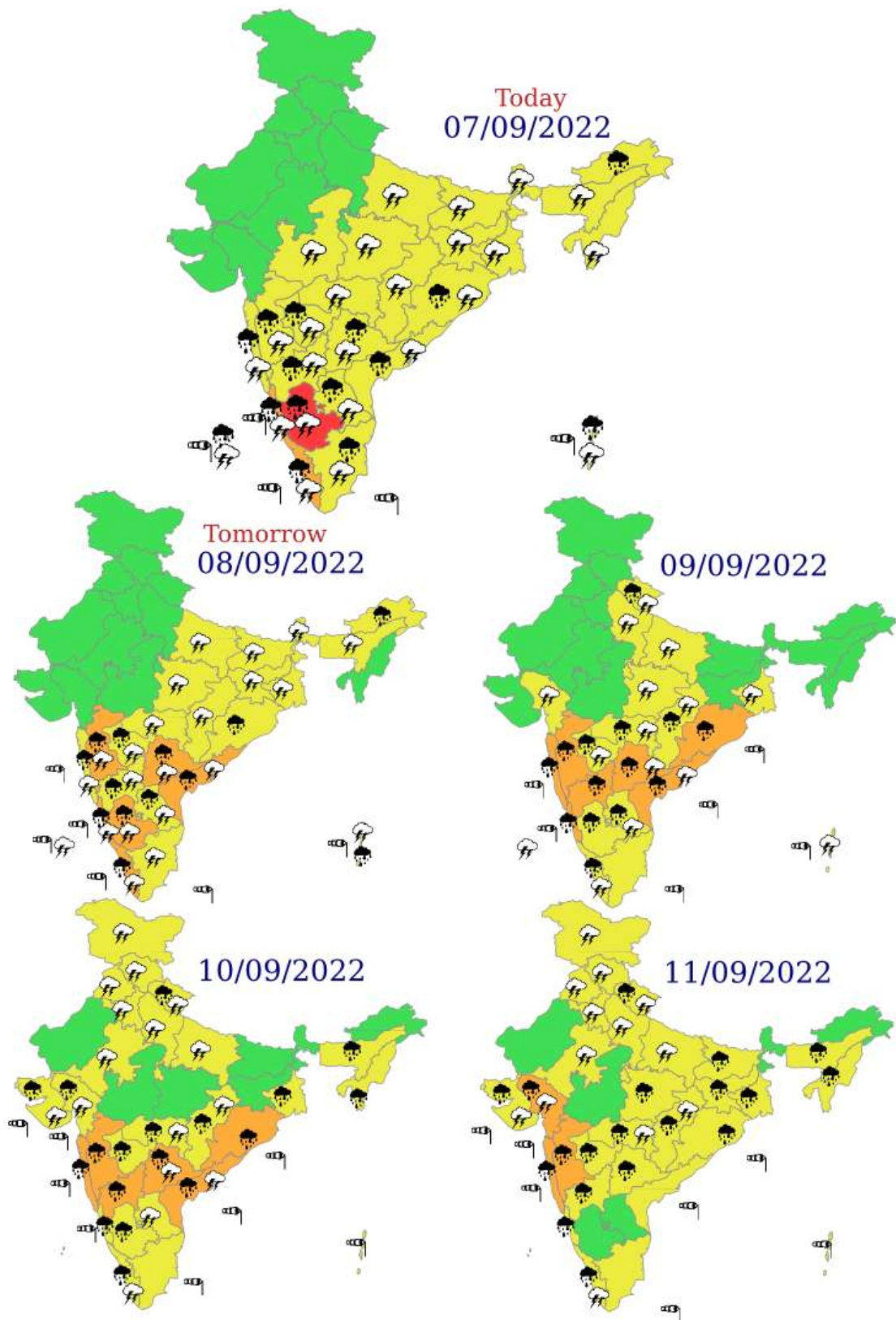
- The **monsoon trough** runs south of its normal position.
- A cyclonic circulation lies over Interior Karnataka & neighbourhood and extends upto middle tropospheric levels.
- **A cyclonic circulation lies over Eastcentral & adjoining Southeast Bay of Bengal and extends upto middle tropospheric levels. Under its influence, a Low Pressure Area likely to form over Westcentral Bay of Bengal during next 24 hours.**
- A trough runs from cyclonic circulation over Eastcentral & adjoining Southeast Bay of Bengal to north Kerala across Rayalaseema & South Interior Karnataka in middle tropospheric levels.
- **Under the influence of the above systems:**
  - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Lakshadweep & Tamil Nadu Puducherry & Karaikal on 07<sup>th</sup>; Rayalaseema during 07<sup>th</sup>-09<sup>th</sup>; Coastal Andhra Pradesh & Yanam and South Interior Karnataka during 07<sup>th</sup>-10<sup>th</sup>; Telangana, Coastal & North Interior Karnataka and Kerala & Mahe during next 5 days. **Isolated very heavy rainfall also likely over Kerala & Mahe on 07<sup>th</sup> & 08<sup>th</sup>; Coastal Karnataka during 07<sup>th</sup>-09<sup>th</sup>; South Interior Karnataka on 08<sup>th</sup>; North Interior Karnataka on 09<sup>th</sup> & 10<sup>th</sup>; Coastal Andhra Pradesh & Yanam & Telangana during 08<sup>th</sup>-10<sup>th</sup> September, 2022. Isolated extremely heavy rainfall also likely over South Interior Karnataka on 07<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Andaman & Nicobar Islands on 07<sup>th</sup> & 08<sup>th</sup>; Chhattisgarh & Vidarbha 09<sup>th</sup>-11<sup>th</sup>; Gujarat State & Gangetic West Bengal on 10<sup>th</sup> & 11<sup>th</sup>; Bihar, Jharkhand, East Madhya Pradesh on 11<sup>th</sup> and over Odisha, Marathwada, Konkan & Goa and Madhya Maharashtra during next 5 days. **Isolated very heavy rainfall also likely over Odisha on 09<sup>th</sup> & 10<sup>th</sup>; Gujarat Region on 11<sup>th</sup>; Madhya Maharashtra during 08<sup>th</sup>-11<sup>th</sup> and over Konkan & Goa during 09<sup>th</sup>-11<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Arunachal Pradesh on 07<sup>th</sup> & 08<sup>th</sup> and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 10<sup>th</sup> & 11<sup>th</sup> September, 2022.
  - Fairly widespread to widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Uttarakhand during 09<sup>th</sup>-11<sup>th</sup> September, 2022.
  - Subdued rainfall activity likely to continue over most parts of Northwest India during next 5 days.

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)

**Very Heavy rainfall** occurred in isolated places over Bihar & Interior Karnataka and **heavy rainfall** at isolated places over Odisha, Arunachal Pradesh, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Rayalaseema, Telangana, Coastal Karnataka, Madhya Maharashtra, Konkan & Goa, Kerala, Coastal Andhra Pradesh and Tamil Nadu.

**Rainfall (in cm):**

- ❖ **Bihar:** West Champaran: Tribeni-16;
- ❖ **North Interior Karnataka:** Guttal (dist Haveri) 15, Gadag Pbo Obsy (dist Gadag) 8, Kakkeri (dist Yadgir) 8, Sindgi (dist Vijayapura) 7, Shirahatti (dist Gadag) 7;
- ❖ **South Interior Karnataka:** Ajjampura (dist Chikkamagaluru) 12, Tiptur (dist Tumakuru) 8;
- ❖ **Kerala:** Kakkayam AWS (Kozhikode district) 11, Peruvannamuzhi ARG (Kozhikode district) 10, Ayyankunnu Aws/ Arg & Cheruvanchery Aws/Arg (both in Kannur district), Kudulu (Kasaragod district) 8, Kozhikode, Kozhikode AWS, Quilandi & Vadakara (both in Kozhikode district), Irikkur, Aralam (both in Kannur district) & Padinjarathara Dam AWS (Wayanad district), Kudlu\_AFMU& Muliya (both in Kasaragod district) 7 each;
- ❖ **Coastal Karnataka:** Mangaluru Ap Obsy (dist Dakshina Kannada) 11, Mangaluru (dist Dakshina Kannada) 10, Brahmavar Aws (dist Udupi) 9, Kundapur (dist Udupi) 9, Puttur Hms (dist Dakshina Kannada) 8, Mani (dist Dakshina Kannada) 7;
- ❖ **Coastal Andhra Pradesh & Yanam:** Seethanagaram (dist Vizianagaram) 10, Venkatagiri (dist Spsr Nellore) 8, Vepada (dist Vizianagaram) 7;
- ❖ **Madhya Maharashtra:** Padegaon\_agri (dist Satara) 10, Rahata (dist Ahmednagar) 8;
- ❖ **Konkan & Goa:** Vaibhavwadi (dist Sindhudurg) 9, Sangameshwar Devrukh (dist Ratnagiri) 9, Chiplun (dist Ratnagiri) 8;
- ❖ **Telangana:** Maddur (dist Narayanpet) 9, Kodakandla (dist Jangaon) 8;
- ❖ **Tamil Nadu:** Vilupuram (dist Villupuram), Mundiampakkam (dist Villupuram), Kedar (dist Villupuram) 9 each, Arantangi (dist Pudukkottai), Arimalam (dist Pudukkottai), Natrampalli (dist Tirupattur), Koliyanur (dist Villupuram), Kadavanur (dist Kallakurichi) 7 each;
- ❖ **Rayalaseema:** Kalyandrug (dist Anantapuramu) 8, Thottambedu (dist Chittoor) 7, Brahasamudram (dist Anantapuramu) 7, Hindupur (dist Anantapuramu) 7, Gummagatta (dist Anantapuramu) 7;
- ❖ **Arunachal Pradesh:** Tuting (dist Upper Siang) 8;
- ❖ **Odisha:** Korapurt: Similiguda-8, Pottangi-7;
- ❖ **NMMT:** Kvk Dhalai (dist Dhalai) 8,
- ❖ **Assam & Meghalaya:** Bihubar (dist Sibsagar) 7.



## IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

**i) Isolated extremely heavy rainfall** over South Interior Karnataka on 07th September, 2022.

**ii) Isolated very heavy rainfall** over Kerala & Mahe on 07<sup>th</sup> & 08<sup>th</sup>; Coastal Karnataka during 07<sup>th</sup>-09<sup>th</sup>; South Interior Karnataka on 08<sup>th</sup>; Odisha & North Interior Karnataka on 09<sup>th</sup> & 10<sup>th</sup>; Coastal Andhra Pradesh & Yanam & Telangana during 08<sup>th</sup>-10<sup>th</sup>; Gujarat Region on 11<sup>th</sup>; Madhya Maharashtra during 08<sup>th</sup>-11<sup>th</sup> and over Konkan & Goa during 09<sup>th</sup>-11<sup>th</sup> September 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)



Thunderstorm with Lightning



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