



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

**Press Release**  
**Date: 04<sup>th</sup> September, 2022**  
**Time of Issue: 1215 hrs IST**

**Subject: (i) Isolated heavy rainfall spell likely to continue over extreme south Peninsular India during next 5 days and over Northeast India during next 3 days.**  
**(ii) Subdued rainfall activity likely to continue over plains of Northwest India and over Central 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 western end of **monsoon trough** runs to the north of its normal position and the eastern end along the foothills of Himalayas.
- A north-south trough runs from southeast Madhya Pradesh to Comorin area at lower tropospheric levels.
- A cyclonic circulation lies over Comorin area & neighbourhood in lower tropospheric levels.
- **Under the influence of the above systems:**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 3 days. **Isolated very heavy rainfall also likely over Arunachal Pradesh and Meghalaya on 04<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Bihar, Jharkhand, Vidarbha and Sub-Himalayan West Bengal & Sikkim on 04<sup>th</sup>; Gangetic West Bengal on 04<sup>th</sup> & 05<sup>th</sup>; Odisha during 05<sup>th</sup> - 08<sup>th</sup>; East Madhya Pradesh during 04<sup>th</sup>-06<sup>th</sup>; Chhattisgarh and Andaman & Nicobar Islands during 04<sup>th</sup>-08<sup>th</sup> September. **Isolated very heavy rainfall over Andaman & Nicobar Islands on 06<sup>th</sup> & 07<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Telangana, Rayalaseema, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and South Interior Karnataka during next 5 days; Coastal & North Interior Karnataka during 06<sup>th</sup>-08<sup>th</sup>, Lakshadweep during 05<sup>th</sup>-06<sup>th</sup> and Coastal Andhra Pradesh & Yanam on 08<sup>th</sup> September. **Isolated very heavy rainfall also likely over Kerala & Mahe during 06<sup>th</sup>-08<sup>th</sup> September, 2022.**
  - Fairly widespread to widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Jammu & Kashmir and Uttarakhand on 04<sup>th</sup>; Himachal Pradesh on 04<sup>th</sup> & 05<sup>th</sup> September, 2022.
  - Subdued rainfall activity over plains of Northwest India and over Central India during next 5 days.

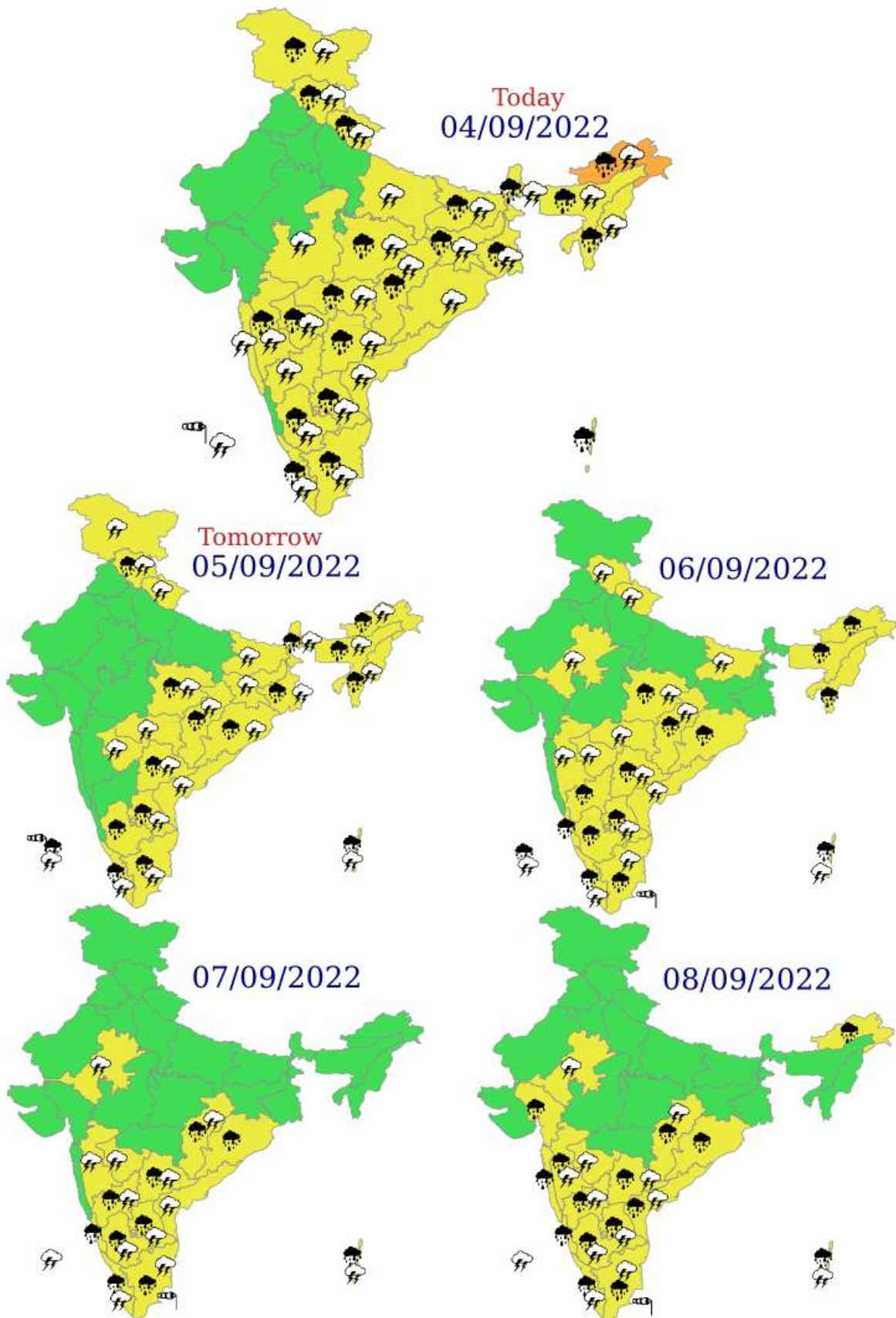
For more details kindly refer:

[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)

**Heavy to very heavy rainfall with extremely heavy falls** occurred at isolated places over Meghalaya and Arunachal Pradesh and **heavy rainfall** at isolated places over Himachal Pradesh, Punjab, Bihar, Jharkhand, Gangetic West Bengal, Assam, Tripura, East Madhya Pradesh, Chhattisgarh, Odisha, Marathawada, Konkan & Goa, Coastal Andhra Pradesh, Telangana and Tamil Nadu.

**Rainfall (in cm):**

- ❖ **Meghalaya:** Williamnagar (Dist East Garo Hills) 22, Shora (Dist East Khasi Hills) 13, Khliehriat (Dist West Jaintia Hills) 12, Sohra & Shell (Dist East Khasi Hills) 10, Cherrapunji 10; Baghmara (Dist South Garo Hills) 9, Tura (Dist West Garo Hills) 8;
- ❖ **Arunachal Pradesh:** Pasighat (Dist East Siang) 21; Yingkiong (Dist Upper Siang) 12, Tuting (Dist Upper Siang) 8,
- ❖ **Assam:** Lala (Dist Haikandi) 8, Kokrajhar (Dist Kokrajhar) 7, Badatighat (Dist Lakhimpur) 7;
- ❖ **Tripura:** Agartala (dist West Tripura) 9;
- ❖ **Odisha:** Harabhanga (Dist Boudhgarh) 9, Phiringia (Dist Kandhamal) 8, Banki (Dist Cuttack) 7, Reamal (Dist Deogarh) 7, Altuma & Dhenkanal (Dist Dhenkanal) 7;
- ❖ **Telangana:** Tandur (dist Vikarabad) 9, Kerameri (dist Kumaram Bheem) 7;
- ❖ **Konkan & Goa:** Santacruz - Imd Obsy (dist Mumbai Suburban) 9,
- ❖ **Chhattisgarh:** Dhamtari (dist Dhamtari) 9;
- ❖ **Bihar:** Kamtaul (dist Darbhanga) 9;
- ❖ **East Madhya Pradesh:** Nainpur (dist Mandla) 8, Bahri (dist Sidhi) 7, Ghansore (dist Seoni) 7, Chhapara (dist Seoni) 7, Ramnagar (dist Satna) 7;
- ❖ **Himachal Pradesh:** Baijnath & Guler (Dist Kangra) 8, Nadaun (Dist Hamirpur) 7;
- ❖ **Jharkhand:** Palganj (dist Giridih) 7;
- ❖ **Gangetic West Bengal:** Jangipur : 8, Gheropara : 8,
- ❖ **Punjab:** Madhopur (dist Pathankot) 7,
- ❖ **Tamilnadu:** Taluk Office Uthangarai & Jambukuttapatti (dist Krishnagiri) 7;
- ❖ **Marathwada:** Ahmedpur (dist Latur) 8, Kinwat (dist Nanded) 8,
- ❖ **Coastal Andhra Pradesh & Yanam:** Vepada (dist Vizianagaram) 7,



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

**Isolated very heavy rainfall** over Assam & Meghalaya and Arunachal Pradesh on 04<sup>th</sup>; Andaman & Nicobar Islands on 06<sup>th</sup> & 07<sup>th</sup>; Kerala & Mahe during 06<sup>th</sup>-08<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.

<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

