



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

**Press Release  
Date: 06<sup>th</sup> September, 2022  
Time of Issue: 1310 hrs IST**

**Subject: (i) Intense rainfall spell over South Peninsular India during next 4 days and decrease thereafter.  
(ii) Increase in rainfall activity along East coast and Maharashtra from 8<sup>th</sup> September, 2022.  
(iii) Subdued rainfall activity over 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)**

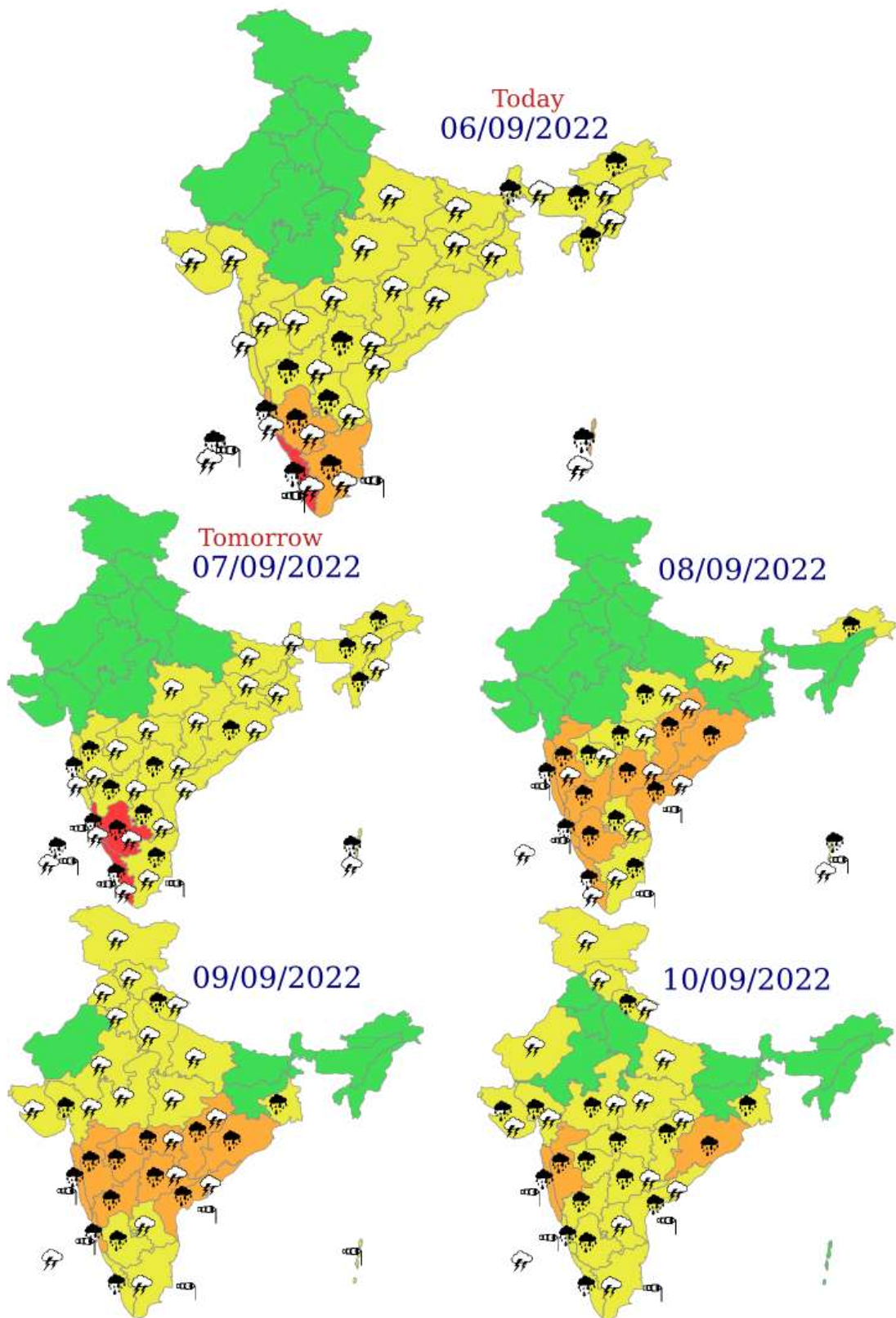
- The **monsoon trough** runs near its normal position. The eastern end is likely to shift southwards after 48 hours.
- A cyclonic circulation lies over South Interior Karnataka & neighbourhood and extends upto mid tropospheric levels.
- A north- south trough runs from Chhattisgarh to cyclonic circulation over South Interior Karnataka at lower levels.
- **A cyclonic circulation likely to form over Eastcentral Bay of Bengal around 07<sup>th</sup> September, 2022. Under its influence a Low Pressure Area likely to form over Westcentral Bay of Bengal during subsequent 48 hours.**
- **Under the influence of the above systems:**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Lakshadweep on 06<sup>th</sup> & 07<sup>th</sup>; Coastal Andhra Pradesh & Yanam during 08<sup>th</sup>-10<sup>th</sup>; Rayalaseema & Tamil Nadu Puducherry & Karaikal during 06<sup>th</sup>-08<sup>th</sup>; Telangana, Karnataka and Kerala & Mahe during next 5 days. **Isolated very heavy rainfall also likely over Tamil Nadu Puducherry & Karaikal on 06<sup>th</sup>; Coastal Karnataka on 06<sup>th</sup>, 08<sup>th</sup> & 09<sup>th</sup>; North Interior Karnataka, Coastal Andhra Pradesh & Yanam & Telangana on 08<sup>th</sup> & 09<sup>th</sup>; South Interior Karnataka on 06<sup>th</sup> & 08<sup>th</sup>; Kerala & Mahe on 08<sup>th</sup> September, 2022. Isolated extremely heavy rainfall also likely over Lakshadweep on 06<sup>th</sup>; Kerala & Mahe on 06<sup>th</sup> & 07<sup>th</sup> and over Coastal & South Interior Karnataka on 07<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over on Sub-Himalayan West Bengal & Sikkim on 06<sup>th</sup>; East Madhya Pradesh on 08<sup>th</sup>; Chhattisgarh, Vidarbha & Marathwada during 08<sup>th</sup>-10<sup>th</sup>; Odisha, Konkan & Goa and Madhya Maharashtra during 07<sup>th</sup>-10<sup>th</sup>; Gujarat Region on 09<sup>th</sup> & 10<sup>th</sup>; southwest Madhya Pradesh and Saurashtra & Kutch on 10<sup>th</sup>; Andaman & Nicobar Islands during 06<sup>th</sup>-08<sup>th</sup> and over Gangetic West Bengal on 09<sup>th</sup> & 10<sup>th</sup> September, 2022. **Isolated very heavy rainfall also likely over Andaman & Nicobar Islands on 06<sup>th</sup>; Odisha, Konkan & Goa and Madhya Maharashtra during 08<sup>th</sup>-10<sup>th</sup>; Chhattisgarh on 08<sup>th</sup> & 09<sup>th</sup>; Marathwada & Vidarbha on 09<sup>th</sup> and over Gujarat State on 10<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Arunachal Pradesh during 06<sup>th</sup>-08<sup>th</sup> and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 06<sup>th</sup> & 07<sup>th</sup> September, 2022.
  - Fairly widespread to widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Uttarakhand on 09<sup>th</sup> & 10<sup>th</sup> September, 2022.
  - Subdued rainfall activity 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 North Interior Karnataka, Kerala, Lakshadweep, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, South Interior Karnataka and **heavy rainfall** at isolated places over East Madhya Pradesh, Gujarat Region, Odisha, Rayalaseema, Telangana, Coastal & South Interior Karnataka, Coastal Andhra Pradesh, Andaman & Nicobar Islands, and Tamil Nadu.

#### Rainfall (in cm):

- ❖ **Kerala & Lakshadweep:** Agathi (Lakshadweep UT) 19, Chalakkudy (Thrissur district) 14, Peerumedu & Thodupuzha (both in Idukki district) 12 each, Amini & Minicoy (both in Lakshadweep UT), Mavelikkara (Alappuzha district), Kanjirappally & Kozha (both in Kottayam district) & Neryamangalam ARG (Ernakulam district) 9 each, Munnar (Idukki district) & Peringalkuthu AWS (Thrissur district) 8 each, C.I.A.L. Kochi (Ernakulam district), Kayamkulam (Alappuzha district), Irinjalakuda (Thrissur district) 7 each;
- ❖ **Arunachal Pradesh:** Bhalukpong-18, Karsingsa-7;
- ❖ **Sikkim:** Gyalsing Aws & Gyalsing Pto-16 each;
- ❖ **North Interior Karnataka:** Lokapur (dist Bagalkote) 16, Annigere Ars (dist Dharwad) 15, Gadag Pbo Obsy (dist Gadag) 12, Badami (dist Bagalkote) 12, Bagalkote Pto (dist Bagalkote) 11, Shirahatti (dist Gadag) 11, Lakshmeswar (dist Gadag) 11, Bagalkote Agro (dist Bagalkote) 11, Bellatti (dist Gadag) 9, Rabkavi (dist Bagalkote) 9, Kerur (dist Bagalkote) 8, Kundgol (dist Dharwad) 8, Narayanpur Hms (dist Yadgir) 7;
- ❖ **Sub-Himalayan West Bengal:** Buxaduar-15, Falakata-11, Hasimara-9;
- ❖ **Coastal Andhra Pradesh & Yanam:** Karamchedu (dist Prakasam) 9;
- ❖ **Gujarat Region:** Jalalpor (dist Navsari) 9;
- ❖ **Tamil Nadu:** Nilakottai (dist Dindigul) 9, Viralimalai (dist Pudukkottai) 8, Anaippalayam (dist Karur), Tiruvarur (dist Tiruvarur), Periyakulam (dist Theni), Chinnakalar (dist Coimbatore), Hosur (dist Krishnagiri) 7 each;
- ❖ **Odisha:** Ganjam-9;
- ❖ **Rayalaseema:** Atmakur (dist Anantapuramu) 8, Chittoor (dist Chittoor) 7, Alur (dist Kurnool) 7;
- ❖ **Andaman & Nicobar Islands:** Long Island-8;
- ❖ **Coastal Karnataka:** Banavasi (dist Uttara Kannada) 8, Yellapur (dist Uttara Kannada) 7;
- ❖ **South Interior Karnataka:** Electronic City Arg (dist Bengaluru Urban) 8, Nayakanahatty (dist Chitradurga) 8, Hoskote (dist Bengaluru Rural) 7, Malur (dist Kolar) 7, Hiriyur Hms (dist Chitradurga) 7;
- ❖ **Telangana:** Kalwakurthy (dist Nagarkurnool) 7;
- ❖ **East Madhya Pradesh:** Amanganj (dist Panna) 7.



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

**i) Isolated extremely heavy rainfall** over Lakshadweep on 06th; Kerala & Mahe on 06th & 07th and over Coastal & South Interior Karnataka on 07th September, 2022.

**ii) Isolated very heavy rainfall** over Andaman & Nicobar Islands & Tamil Nadu Puducherry & Karaikal on 06th; Coastal Karnataka on 06th, 08th & 09th; Chhattisgarh, North Interior Karnataka, Coastal Andhra Pradesh & Yanam & Telangana on 08th & 09th; South Interior Karnataka on 06th & 08th; Kerala & Mahe on 08th; Odisha, Konkan & Goa and Madhya Maharashtra during 08th-10th; Marathwada & Vidarbha on 09th and over Gujarat State on 10th 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)



**Thunderstorm with Lightning**

**WARNING**

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