



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

**Press Release  
Date: 28<sup>th</sup> September, 2022  
Time of Issue: 1145 hrs IST**

**Subject: (i) Withdrawal of Southwest Monsoon from some more parts of northwest India and some parts of adjoining central India during next 2-3 days.  
(ii) Isolated heavy rainfall spell over Southeast Peninsular India 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**

- The line of withdrawal of Southwest Monsoon passes through Khajuwala, Bikaner, Jodhpur and Naliya.
- Conditions are becoming favourable for further withdrawal of Southwest Monsoon from some more parts of northwest India and some parts of adjoining central India during next 2-3 days.

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

- A cyclonic circulation lies over Westcentral Bay of Bengal off Andhra Pradesh coast in lower tropospheric levels.
- An east- west trough runs from north Andaman Sea to Andhra Pradesh coast across Central Bay of Bengal at 3.1 km above mean sea level.
- A cyclonic circulation is likely to emerge into northeast & adjoining eastcentral Bay of Bengal around 01<sup>st</sup> October, 2022.
- Under the influence of above systems
  - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam, Telangana and Rayalaseema during 28<sup>th</sup>-30<sup>th</sup>; Tamilnadu, Puducherry & Karaikal on 28<sup>th</sup> & 29<sup>th</sup> and North Interior Karnataka on 29<sup>th</sup> & 30<sup>th</sup> September, 2022.
  - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls** very likely over Odisha on 29<sup>th</sup> September and 01<sup>st</sup> & 02<sup>nd</sup> October; and Jharkhand & Sub-Himalayan West Bengal-Sikkim on 02<sup>nd</sup> October, 2022.
  - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 02<sup>nd</sup> October, 2022.

For more details kindly refer:

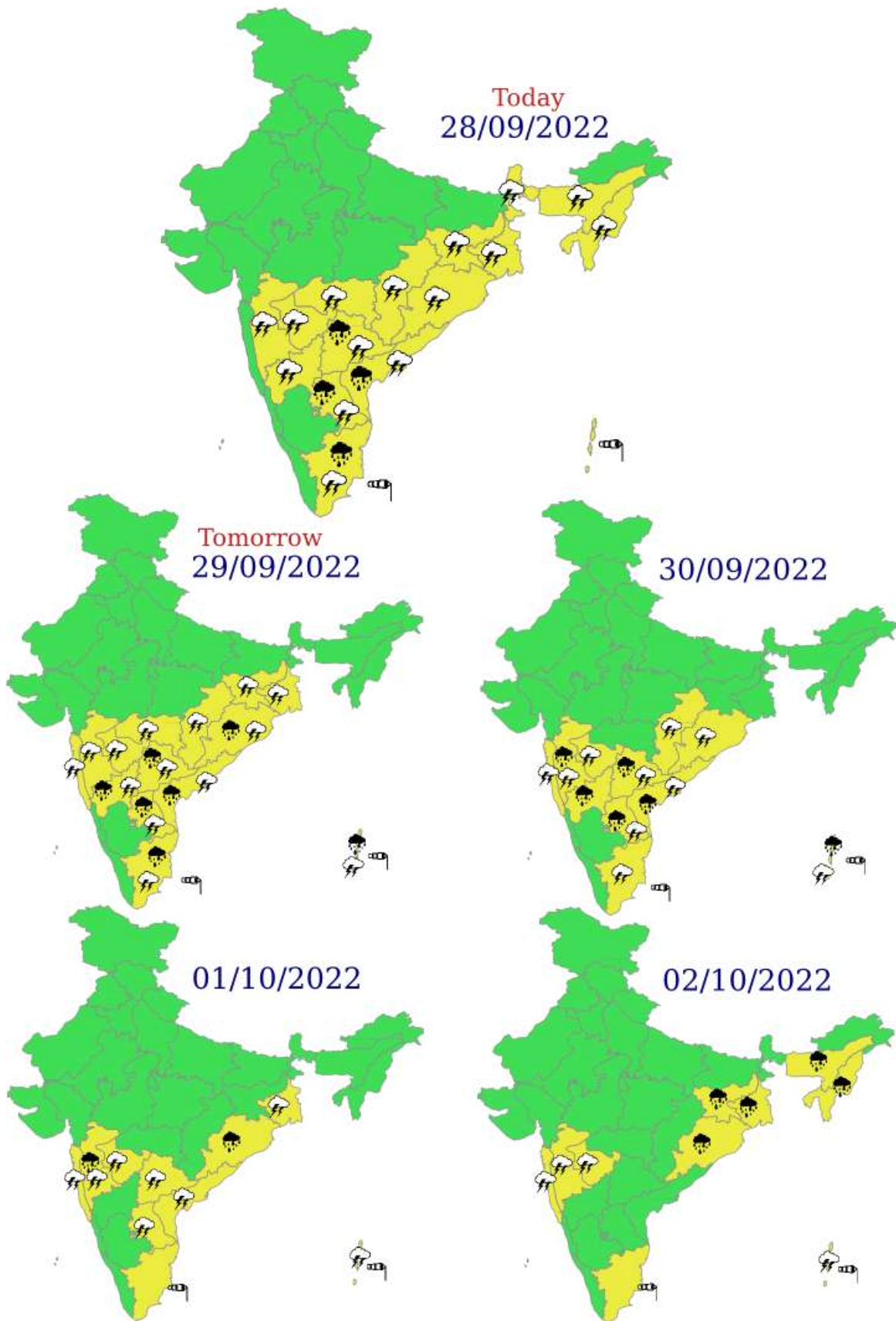
[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

## Annexure I

**Heavy rainfall** occurred at isolated places over Jharkhand, Coastal Andhra Pradesh and Rayalaseema.

### Rainfall (in cm):

- ❖ **Coastal Andhra Pradesh:** Kaikalur (dist Krishna) 9, Masulipatnam Cdr (dist Krishna) 7;
- ❖ **Jharkhand:** Nawadih (dist Bokaro) 8, Jamshedpur (dist East Singbhum) 7;
- ❖ **Rayalaseema:** Koilkuntla (dist Kurnool) 7;



**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**

<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