



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

**Press Release
Date: 26th September, 2022
Time of Issue: 1230 hrs IST**

**Subject: (i) Withdrawal of Southwest Monsoon from some more parts of northwest India and some parts of adjoining central India during next 3-4 days
(ii) Isolated heavy rainfall spell over Tamilnadu & Puducherry and Coastal Andhra Pradesh during next 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 3-4 days.

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

- A cyclonic circulation lies over central Pakistan & neighbourhood in lower tropospheric levels.
- A cyclonic circulation lies over Westcentral Bay of Bengal & neighbourhood in lower & middle tropospheric levels.
- A Western Disturbance as a trough in mid-tropospheric westerlies runs roughly along Long. 72°E to the north of Lat. 27°N.
- **Under the influence of above systems:**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Bihar on 26th and over Sub-Himalayan West Bengal & Sikkim on 26th & 27th and Odisha on 28th & 29th, September, 2022.
 - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam during 27th - 30th and over Tamilnadu, Puducherry & Karaikal during 26th-28th September, 2022.
 - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Assam & Meghalaya on 26th & 28th, Mizoram on 26th and over Andaman & Nicobar Islands on 29th & 30th September, 2022.

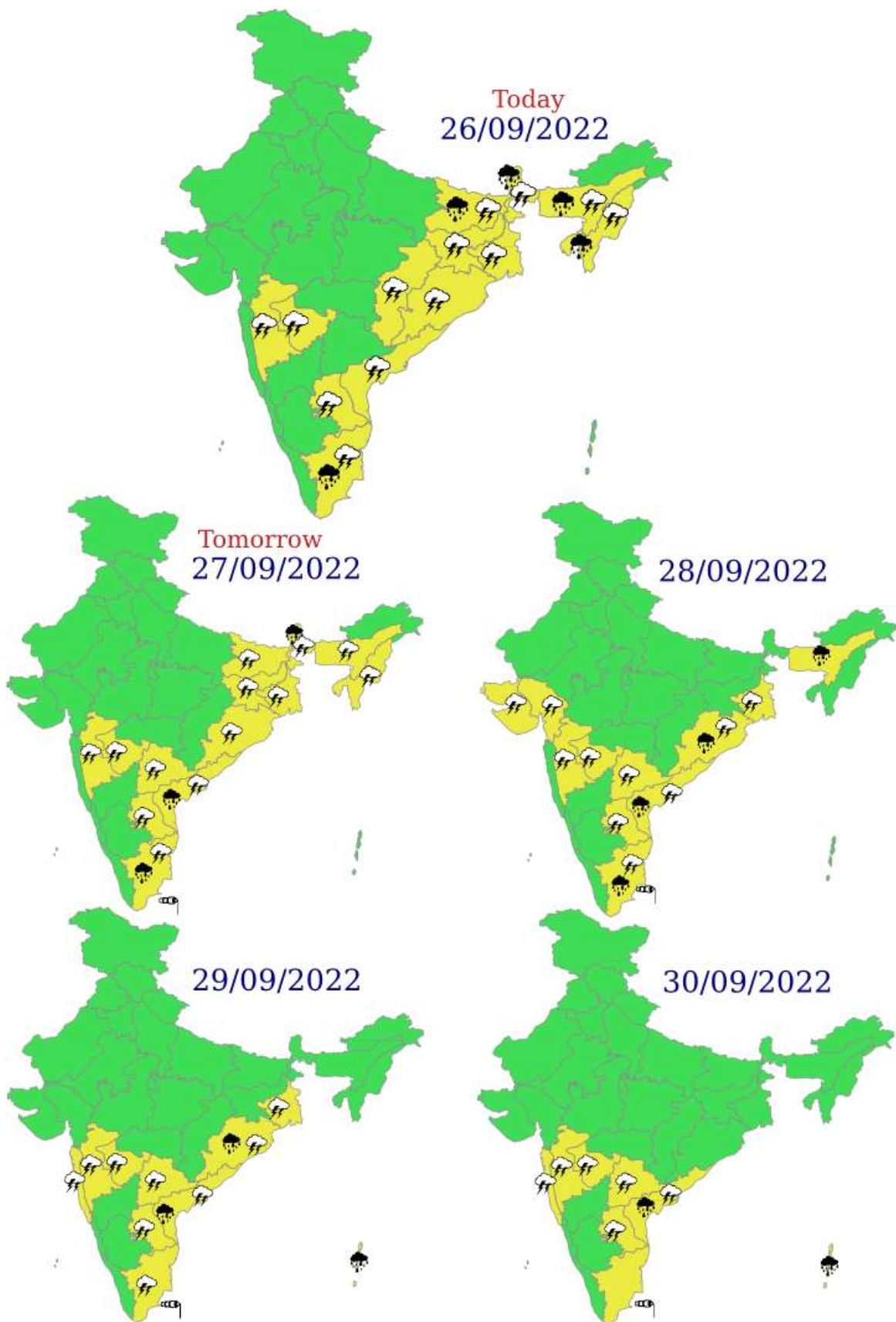
For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Very heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, East Uttar Pradesh and Tamilnadu and **heavy rainfall** at isolated places over Punjab, Haryana, Chhattisgarh, Bihar, Sub-Himalayan West Bengal & Sikkim, Odisha, Marathwada and Telangana.

Rainfall (in cm):

- ❖ **Uttarakhand:** Deharadun: Chkrata-19; Mussorie-13; Garhwal Tehri: Deoprayag-8; Uttarkashi: Barkot-7;
- ❖ **Himachal Pradesh:** Sirmor: Pachhad-17; Kangra: Dharsala and Ghamroor-9; Champa: Dalhousi-8;
- ❖ **Tamilnadu:** Trichy Town (dist Trichy), Budalur (dist Thanjavur) 17 each, Grand Anaicut (dist Thanjavur) 15, Thanjavur (dist Thanjavur), Vallam (dist Thanjavur), Neivasal Thenpathi (dist Thanjavur) 12 each, Ponmalai (dist Trichy), Trichy Junction (dist Trichy) 11 each, Trichy AP (dist Trichy), Thuvakudi (dist Trichy), Mannargudi (dist Tiruvarur) 10 each, Navalur Kottapattu (dist Trichy), Tirukattupalli (dist Thanjavur), Pullambadi (dist Trichy), Pattukottai (dist Thanjavur), Vathalai Anaicut (dist Trichy), Nandhiyar Head (dist Trichy), Velankanni (dist Nagapattinam) 9 each, Kattumayilur (dist Cuddalore), Thanjavur PTO (dist Thanjavur) 8, Nagapattinam (dist Nagapattinam), Naduvattam (dist Nilgiris), Lalgudi (dist Trichy), Tiruvarur (dist Tiruvarur) 7 each;
- ❖ **Telangana:** Kalwakurthy (dist Nagarkurnool) 10;
- ❖ **Sub-Himalayan West Bengal:** Sevoke : 9;
- ❖ **Odisha:** Nuagada (dist Gajapati) 9;
- ❖ **Chhattisgarh:** Kusmi (dist Balrampur) 9;
- ❖ **Sikkim:** Sankalan : 9, Mangan (PTO) : 9, Shipgyer : 4.
- ❖ **Punjab:** Phangota (dist Pathankot) 9;
- ❖ **Haryana:** Morni (dist Panchkula) 8;
- ❖ **Marathwada:** Patoda (dist Beed) 8, Tuljapur (dist Osmanabad) 8, Nilanga (dist Latur) 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.

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)

 **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