



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

**Press Release
Date: 14th October, 2022
Time of Issue: 1230 hrs IST**

Subject: (i) Conditions are very likely to become favourable for further withdrawal of Southwest Monsoon from remaining parts of Central India; some more parts of Maharashtra & East India and some parts of Northeast India during next 3 days.

(ii) Isolated Heavy rainfall spell likely to continue over south Peninsular India during next 5 days.

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

Withdrawal of Southwest Monsoon: (Withdrawal Map in Annexure II)

- Southwest monsoon has further withdrawn from remaining parts of Uttarakhand, Uttar Pradesh & Gujarat; most parts of Madhya Pradesh and some parts of Bihar, Jharkhand, Chhattisgarh & Maharashtra. The withdrawal line of **Southwest Monsoon** now passes through Raxaul, Daltonganj, Pendra Road, Chhindwara, Jalgaon, Dahanu, Long. 71.0°E/Lat. 19.5°N.
- Conditions are very likely to become favourable for further withdrawal of Southwest Monsoon from remaining parts of Central India; some more parts of Maharashtra & East India and some parts of Northeast India during next 3 days.

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

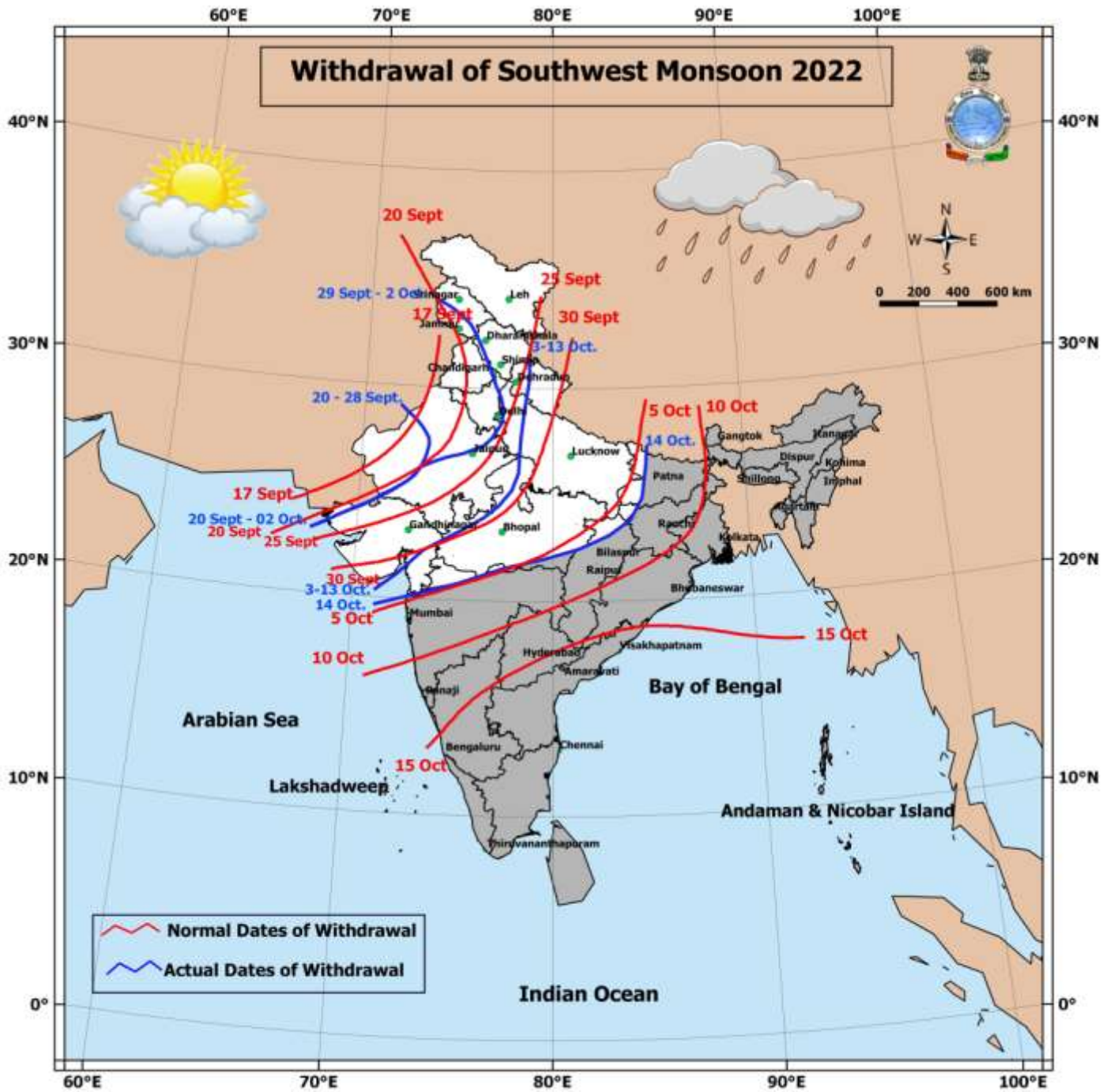
- A cyclonic circulation lies over westcentral & adjacent southwest Bay of Bengal in lower tropospheric levels.
- A cyclonic circulation lies over eastcentral Arabian Sea off Karnataka coast in lower & middle tropospheric levels.
- A cyclonic circulation is likely to form over north Andaman Sea & neighbourhood around 18th October 2022.
- **Under the influence of above systems;**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 14th-18th; South Interior Karnataka during 14th-17th; North Interior Karnataka during 14th-16th; Telangana and Coastal Karnataka on 14th & 15th; Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh and Rayalaseema on 14th and Lakshadweep on 18th October, 2022. **Isolated very heavy rainfall also likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe on 17th & 18th October, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Andaman & Nicobar Islands during 15th-18th October, 2022.
 - **Dry weather very likely to prevail over most parts of Northwest & central India.**

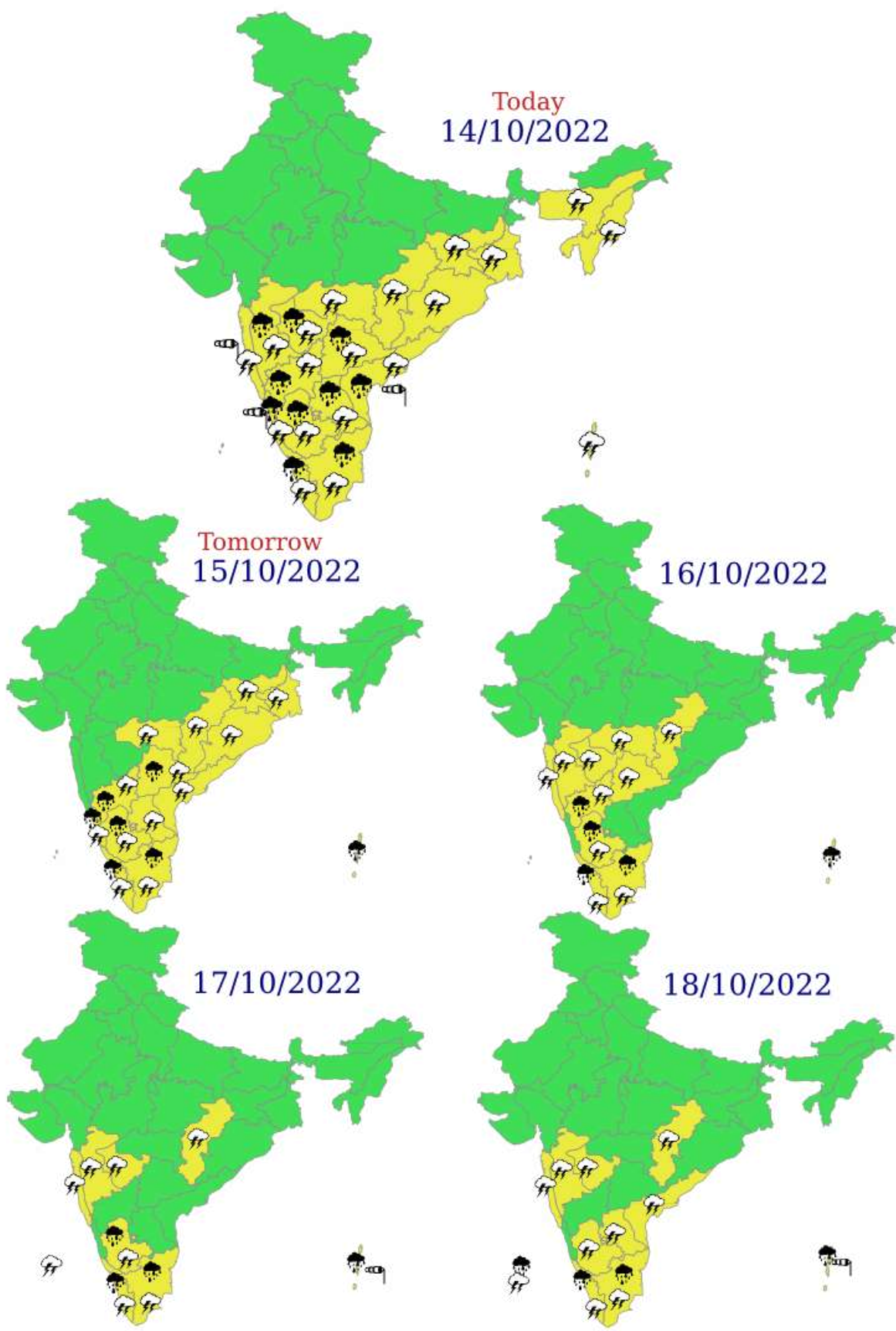
For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

- ❖ **Isolated very heavy rainfall occurred over** Marathwada and **heavy rainfall** over Andaman & Nicobar Islands, Assam, Coastal Andhra Pradesh, Rayalaseema, Tamil Nadu, South Interior Karnataka and Kerala.

Rainfall (in cm):

- ❖ **Marathwada:** Ashti (dist Beed) 12, Bhum (dist Osmanabad) 7;
- ❖ **Assam:** Khowang (dist Dibrugarh) 10;
- ❖ **Kerala & Mahe:** Myladumpara (Idukki district) 10, Neyyattinkara (Thiruvananthapuram district) & West Kallada AWS (Kollam district) 9 each, Anchal ARG (Kollam district) & Konni ARG (Pathanamthitta district) 8 each, Thenmala ARG (Kollam district) 7;
- ❖ **Rayalaseema:** Muddanur (dist Ysr District) 9, Pulivendla (dist Ysr District) 8, Hindupur (dist Anantapuramu) 8, Nallamada (dist Anantapuramu) 7;
- ❖ **South Interior Karnataka:** Kunigal (dist Tumakuru) 9, Kalasa (dist Chikkamagaluru) 9, Chamarajanagar (dist Chamarajanagar) 8, Hesaraghatta (dist Bengaluru Urban) 8, Balehonnur (dist Chikkamagaluru) 8, Gubbi (dist Tumakuru) 8, Belur (dist Hassan) 7, Bengaluru City Obsy (dist Bengaluru Urban) 7;
- ❖ **Andaman & Nicobar Islands:** Hutbay-8;
- ❖ **Coastal Andhra Pradesh:** Gudivada (dist Krishna) 8, Addanki (dist Prakasam) 8;
- ❖ **Tamil Nadu:** Pechiparai Agro (dist Kanyakumari), Pechiparai (dist Kanyakumari), Bhavani (dist Erode), PWD Tiruppur (dist Tiruppur) 8 each, Kumarapalayam (dist Namakkal), Chittar (dist Kanyakumari), Sivalogam (dist Kanyakumari), Pennagaram (dist Dharmapuri), Rameswaram (dist Ramanathapuram) 7 each.





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