



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

**Press Release
Date: 13th October, 2022
Time of Issue: 1245 hrs IST**

Subject: (i) Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 2-3 days. It is likely to further withdraw from remaining parts of Gujarat state, some parts of Maharashtra and some parts of East India during subsequent 2 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)

- The withdrawal line of Southwest Monsoon continues to pass through Long. 79.0°E/ Lat. 31.7° N, Uttarkashi, Nazibabad, Agra, Gwalior, Ratlam, Bharuch and Long. 71.0°E / Lat. 20.3° N.
- **Conditions are very likely to become favourable for withdrawal of southwest monsoon from some more parts of northwest & central India during next 2-3 days. It is likely to further withdraw from remaining parts of Gujarat state, some parts of Maharashtra and some parts of East India during subsequent 2 days.**

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

- A cyclonic circulation lies over Comorin area & neighbourhood in lower tropospheric levels.
- A cyclonic circulation lies over central Bay of Bengal and neighbourhood in lower tropospheric levels.
- **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 13th-17th; Chhattisgarh, Rayalaseema and North Interior Karnataka on 13th; South Interior Karnataka during 13th- 15th & 17th; Coastal Andhra Pradesh on 13th&14th and Coastal Karnataka on 17th October, 2022.
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Andaman & Nicobar Islands during 15th-17th October, 2022.
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Arunachal Pradesh and Assam & Meghalaya on 13th October, 2022.
 - Mainly dry weather very likely to prevail over most parts of Northwest India from today, the 13th October onwards.

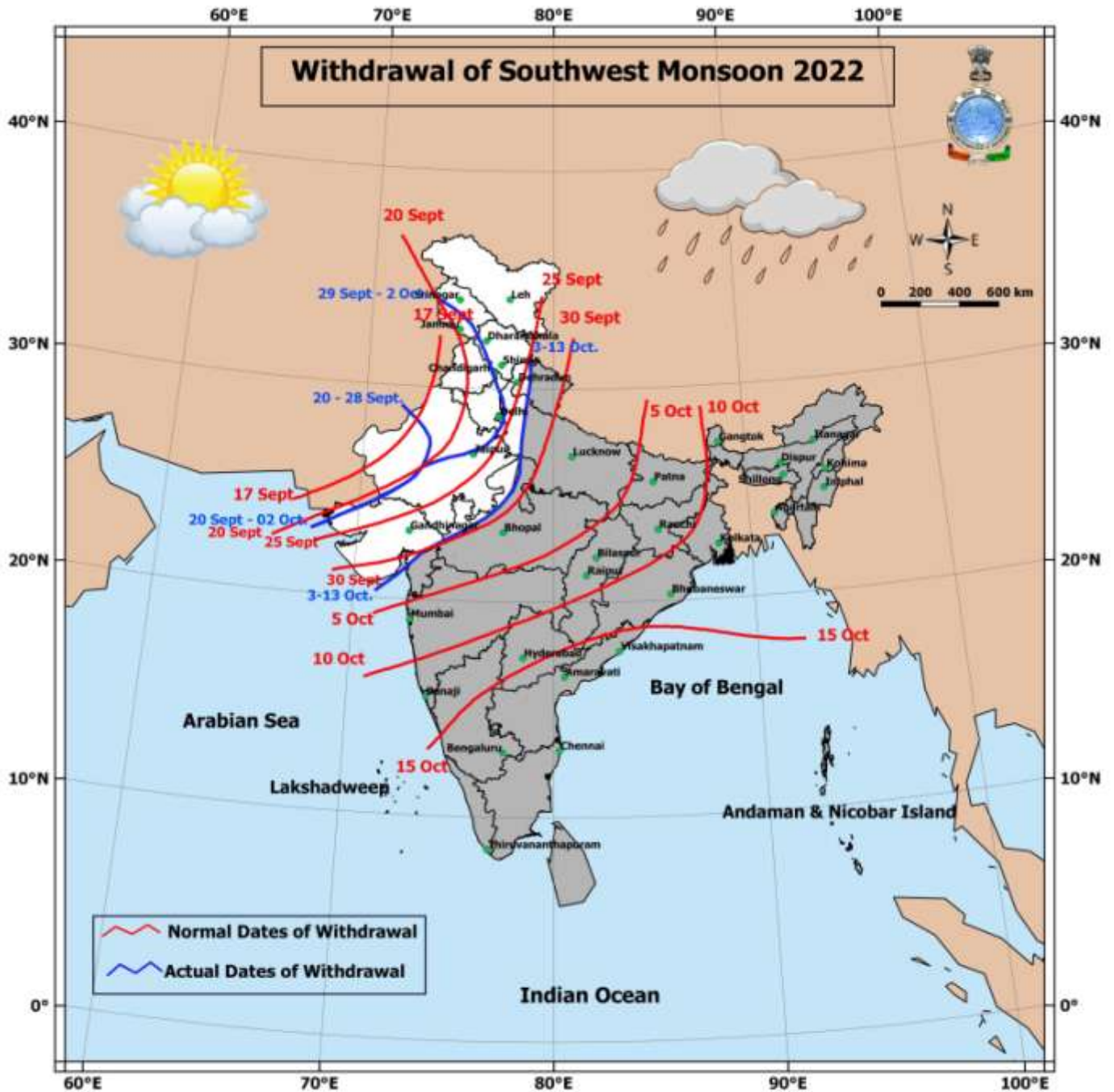
For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

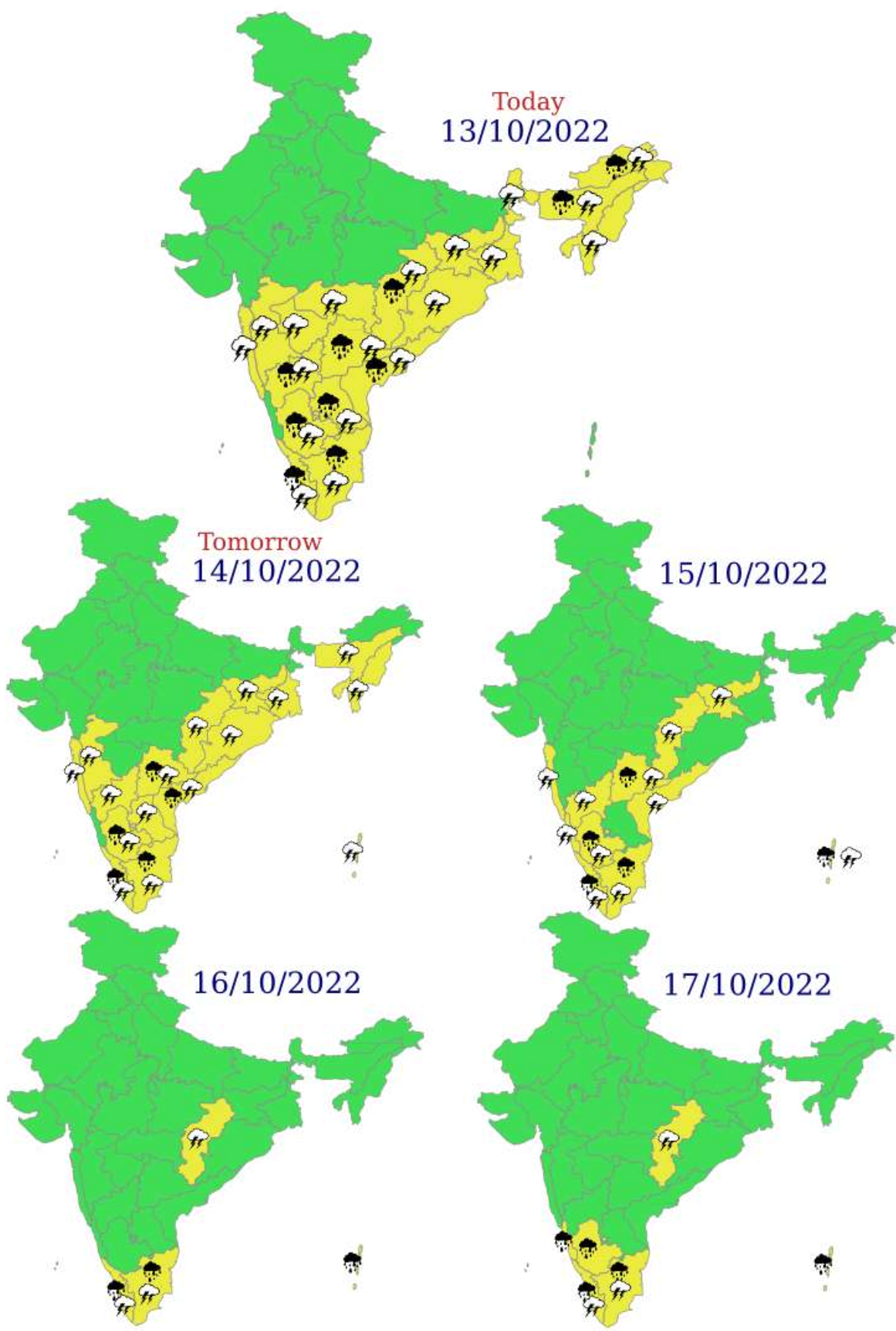
Annexure I

- ❖ **Isolated very heavy rainfall occurred over** Rayalaseema, Assam & Meghalaya, North Interior Karnataka and Sub-Himalayan West Bengal & Sikkim and **heavy rainfall** over Tamil Nadu, Chhattisgarh, South Interior Karnataka, Telangana, Gangetic West Bengal, Konkan & Goa, Himachal Pradesh, Jharkhand and Odisha.

Rainfall (in cm):

- ❖ **Rayalaseema:** Devanakonda (dist Kurnool) 16, Rayadurg (dist Anantapuramu) 14, Jammalamadugu (dist Ysr District) 12, Nandavaram (dist Kurnool) 11, Banaganapalle (dist Kurnool) 11, Gooty (dist Anantapuramu) 10, Pagidyala (dist Kurnool) 10, Gonegandla (dist Kurnool) 10, Puttur (dist Chittoor) 9, Yemmiganur (dist Kurnool) 8, Jupadu Bungalow (dist Kurnool) 8, Hindupur (dist Anantapuramu) 8, Alur (dist Kurnool) 8, Nandyal (dist Kurnool) 8, Gorantla (dist Anantapuramu) 7, C Belagal (dist Kurnool) 7, Thambalapalle (dist Chittoor) 7, Pulivendla (dist Ysr District) 7;
- ❖ **Assam & Meghalaya:** Dhubri (dist Dhubri) 13, Dhubri (CWC) (dist Dhubri) 12, Tikrikilla (dist West Garo Hills) 8, Sohra (dist East Khasi Hills) 7;
- ❖ **North Interior Karnataka:** Raibagh (dist Belagavi) 13, Kerur (dist Bagalkote) 12, Kurdi (dist Raichur) 9, Bilgi (irri.) (dist Bagalkote) 9, Manvi (dist Raichur) 7, Bagalkote Pto (dist Bagalkote) 7;
- ❖ **Sub-Himalayan West Bengal & Sikkim:** AMFU Majhian 12;
- ❖ **Tamil Nadu:** Vadipatti (dist Madurai) Manjalar (dist Theni) 11 each , Rajapalayam (dist Virudhunagar) , Andipatti (dist Madurai) 9 each , Srivilliputhur (dist Virudhunagar) Kodaikanal Boat Club (dist Dindigul) 8 each, Satankulam (dist Toothukudi) , Pilavakkal (dist Virudhunagar) 7 each;
- ❖ **Chhattisgarh:** Ramanujnagar (dist Surajpur) 10, Kusmi (dist Balrampur) 9, Balrampur (dist Balrampur) 8;
- ❖ **South Interior Karnataka:** Madhugiri (dist Tumakuru) 9, Midigeshi (dist Tumakuru) 8, Channagiri (dist Davangere) 7;
- ❖ **Telangana:** Vangoor (dist Nagarkurnool) 8, Chegunta (dist Medak) 8, Mahbubnagar (dist Mahabubnagar) 7, Hakimpet Iaf (dist M. Malkajgiri) 7, Jukkal (dist Kamareddy) 7, Gopalpet (dist Wanaparthy) 7, Hyderabad A.p. (dist Hyderabad) 7, Kondapur (dist Sangareddy) 7, Medchal (dist M. Malkajgiri) 7, Raikode (dist Sangareddy) 7;
- ❖ **Gangetic West Bengal:** Uluberia 8;
- ❖ **Konkan & Goa:** Kankavli (dist Sindhudurg) 7;
- ❖ **Himachal Pradesh:** Naina Davi (dist Bilaspur) 7;
- ❖ **Jharkhand:** Jamshedpur (dist East Singbhum) 7,
- ❖ **Odisha:** Altuma (Dist Dhenkanal) 9, Boudhgarh (Dist Boudhgarh) 8, Kantapada (Dist Cuttack) 8, Ghasipura & Ghatagaon (Dist Keonjhar) 8, Chandbali (Dist Bhadrak) 7, Kamakhyanagar (Dist Dhenkanal) 7, Biridi (Dist Jagatsinghpur) 7, Korei (Dist Jujpur) 7; Phiringia (Dist Kandhamal) 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)



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

