



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

**Press Release
Date: 02nd October, 2022
Time of Issue: 1230 hrs IST**

**Subject: (i) Heavy rainfall spell likely to commence over Himachal Pradesh, Uttarakhand and Uttar Pradesh from 06th October for subsequent 2-3 days.
(ii) Heavy rainfall spell over most parts of east & northeast India during next 3-4 days.**

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

Withdrawal of Southwest Monsoon (Annex II)

- The withdrawal line of Southwest Monsoon continues to pass through Jammu, Una, Chandigarh, Karnal, Baghpat, Delhi, Alwar, Jodhpur and Nalia. **(Refer Annexure II)**

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

- The **cyclonic circulation** over Westcentral Bay of Bengal off Andhra Pradesh coast extending upto middle tropospheric levels persists.
- Another **cyclonic circulation** lies over Northeast Bay of Bengal & neighbourhood and extends upto middle tropospheric levels. It is very likely to merge with above system from tomorrow, the 03rd October, 2022.
- **Under the influence of above systems;**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Odisha during 02nd-06th; Gangetic West Bengal during 02nd-04th; Jharkhand on 03rd & 04th; Bihar on 04th & 05th; northeast Madhya Pradesh on 05th & 06th; northwest Madhya Pradesh on 06th and Chhattisgarh on 04th & 05th October, 2022. **Isolated very heavy rainfall also very likely over Odisha on 04th October, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Himachal Pradesh, Uttarakhand and West Uttar Pradesh on 06th & 07th and East Uttar Pradesh from 05th to 07th October, 2022. **Isolated very heavy rainfall also very likely over Uttarakhand on 06th & 07th October, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam on 02nd, 04th & 05th; South Interior Karnataka on 02nd and Telangana on 05th & 06th October, 2022.
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 02nd-04th October, 2022.

For more details kindly refer:

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

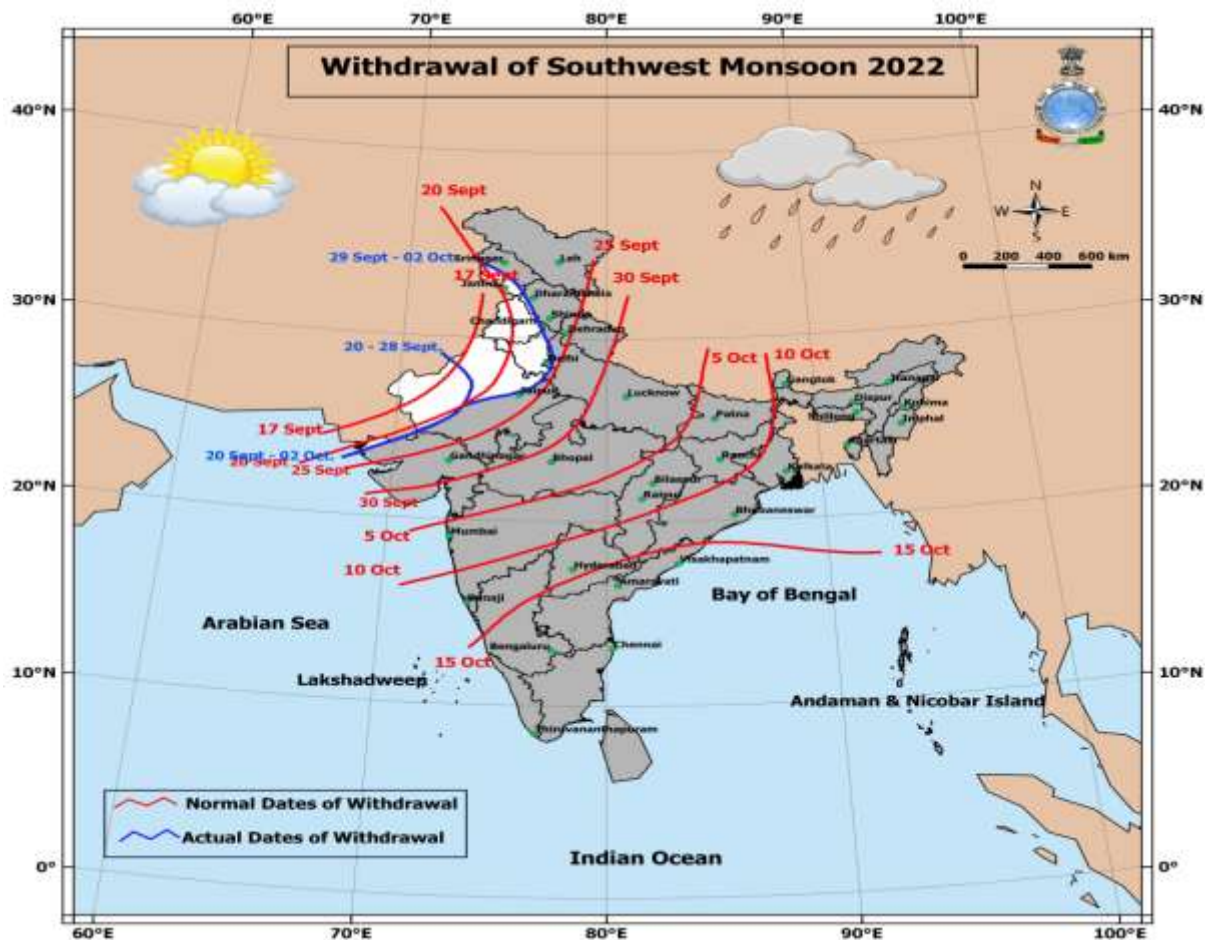
Annexure I

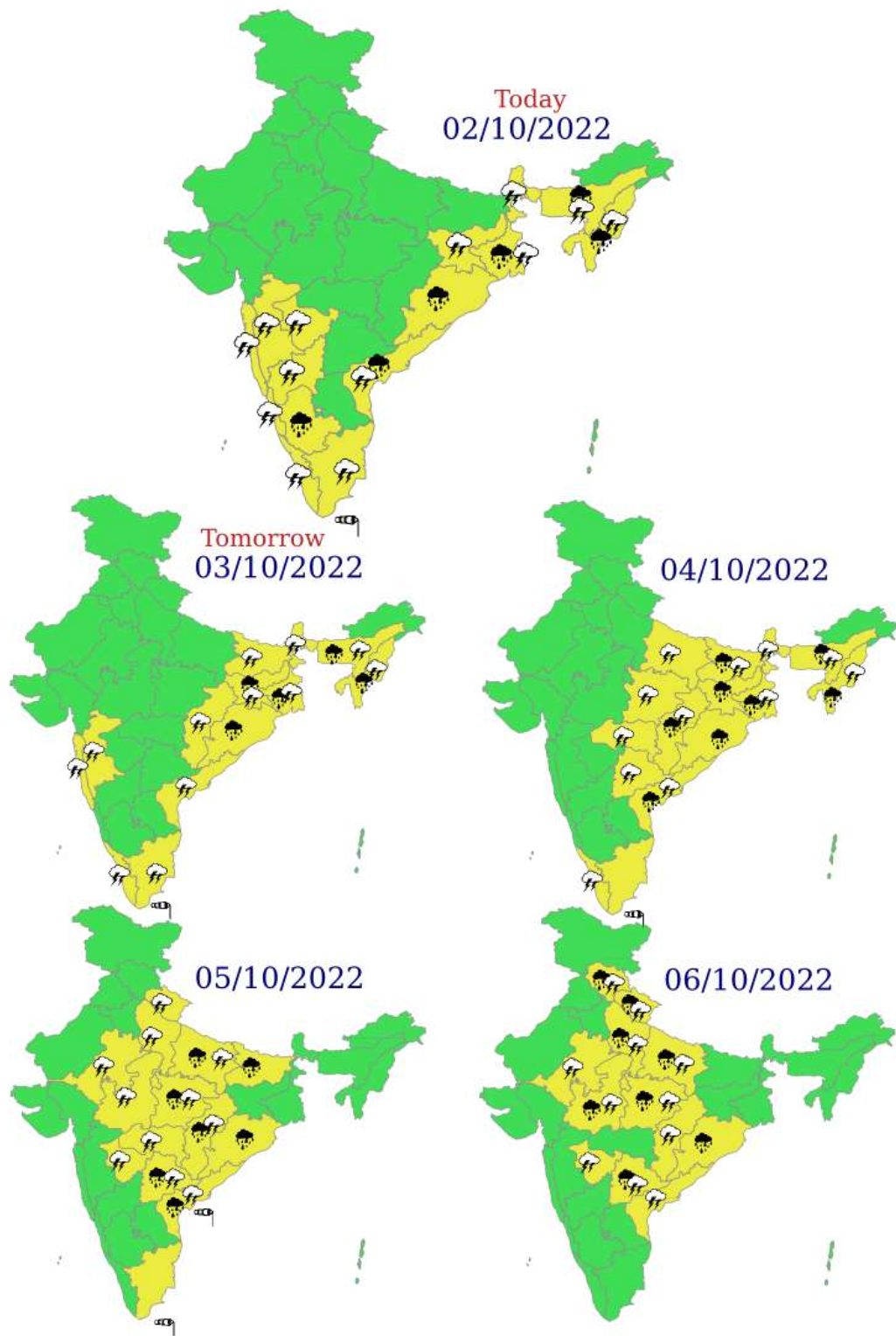
Isolated very heavy rainfall occurred over Konkan & Goa and **heavy rainfall** at isolated places over Tripura, Gangetic West Bengal, Coastal Andhra Pradesh & Yanam, Rayalaseema and South Interior Karnataka.

Rainfall (in cm):

- ❖ **Konkan & Goa:** Vaibhavwadi (dist Sindhudurg) 12, Rameshwar_agri (dist Sindhudurg) 9, Kankavli (dist Sindhudurg) 7, Devgad (dist Sindhudurg) 7;
- ❖ **Rayalaseema:** Amarapuram (dist Anantapuramu) 11;
- ❖ **Coastal Andhra Pradesh & Yanam:** Ongole (dist Prakasam) 9, Addanki (dist Prakasam) 8, Avanigada (dist Krishna) 8;
- ❖ **South Interior Karnataka:** B Durga (dist Chitradurga) 9;
- ❖ **Gangetic West Bengal:** Horinkhola: 10; Magra: 7;
- ❖ **Tripura:** Dharmanagar/ Panisagar (dist North Tripura) 7; Sabroom (dist South Tripura) 7.

Annexure II





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

