



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

**Press Release
Date: 29th September, 2022
Time of Issue: 1400 hrs IST**

**Subject: (i) The Southwest Monsoon has further withdrawn from entire Punjab & Chandigarh; some parts of Jammu & Kashmir, Himachal Pradesh, West Uttar Pradesh and Haryana; entire Delhi; some more parts of Rajasthan.
(ii) Isolated heavy rainfall spell over South Peninsular India during next 2 days.**

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

Withdrawal of Southwest Monsoon (Annex II)

- The Southwest Monsoon has further withdrawn from entire Punjab & Chandigarh; some parts of Jammu & Kashmir, Himachal Pradesh, West Uttar Pradesh and Haryana; entire Delhi; some more parts of Rajasthan. The withdrawal line of Southwest Monsoon now passes through Jammu, Una, Chandigarh, Karnal, Baghpat, Delhi, Alwar, Jodhpur and Nalia.

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

- A cyclonic circulation lies over Westcentral Bay of Bengal off Andhra Pradesh coast in lower tropospheric levels.
- An east-west trough runs from Eastcentral Bay of Bengal to South Interior Karnataka across Westcentral Bay of Bengal and Rayalaseema in lower tropospheric levels.
- A cyclonic circulation is likely to emerge into northeast & adjoining eastcentral Bay of Bengal around 01st October, 2022.
- Under the influence of above systems
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam during 29th September-01st October, Telangana, Rayalaseema and Interior Karnataka on 29th & 30th September; Tamil Nadu, Puducherry & Karaikal on 29th September, 2022. **Isolated very heavy rainfall also very likely over south coastal Andhra Pradesh, Rayalaseema and Telangana on 29th September, 2022.**
 - Scattered to fairly widespread light/moderate rainfall with **isolated heavy falls** very likely over Odisha on 29th September and 01st-02nd October; and Jharkhand on 3rd; Gangetic West Bengal on 2nd & 3rd October, 2022. **Isolated very heavy rainfall also very likely over Odisha on 03rd 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 02nd & 3rd October, 2022.

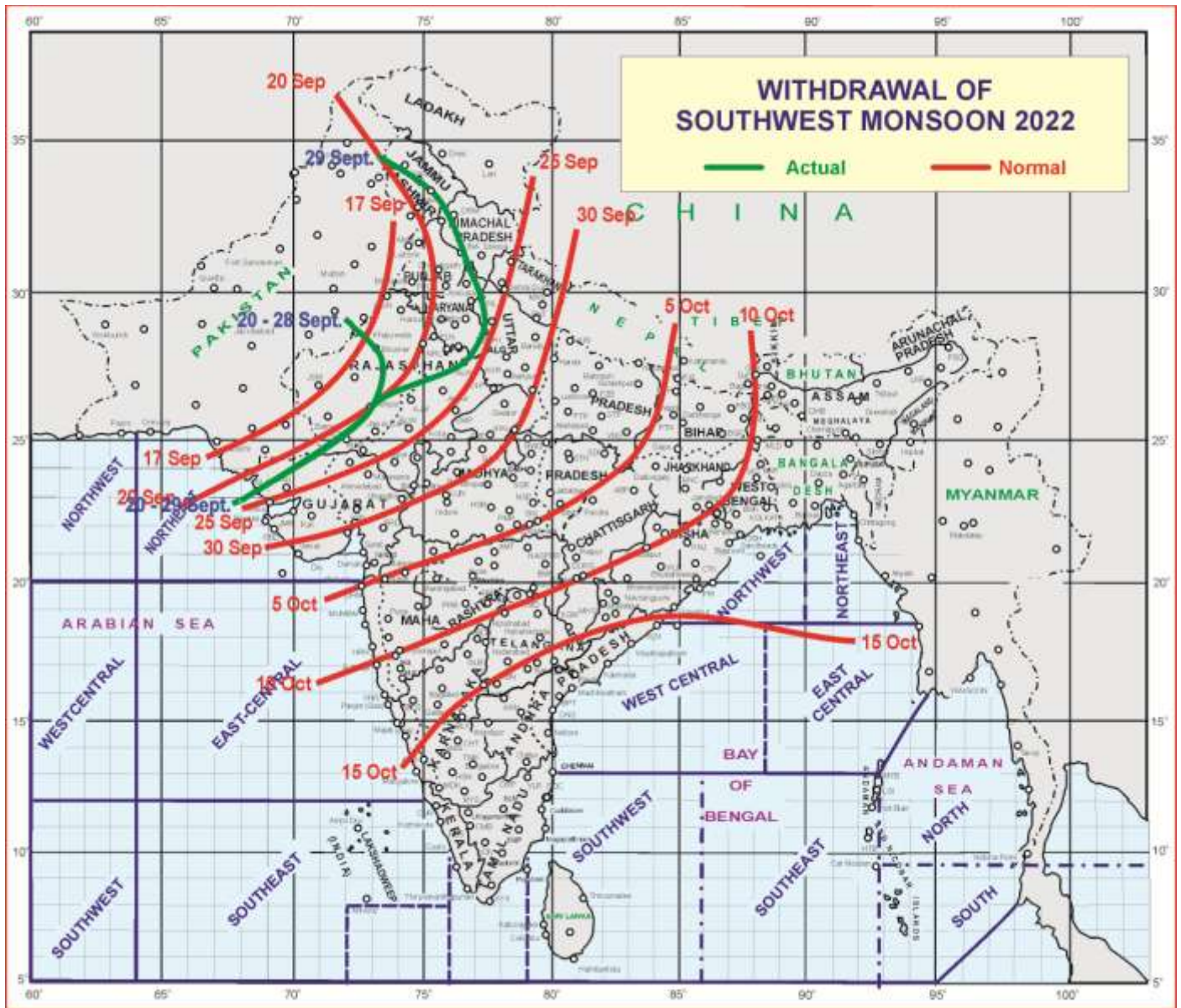
For more details kindly refer:

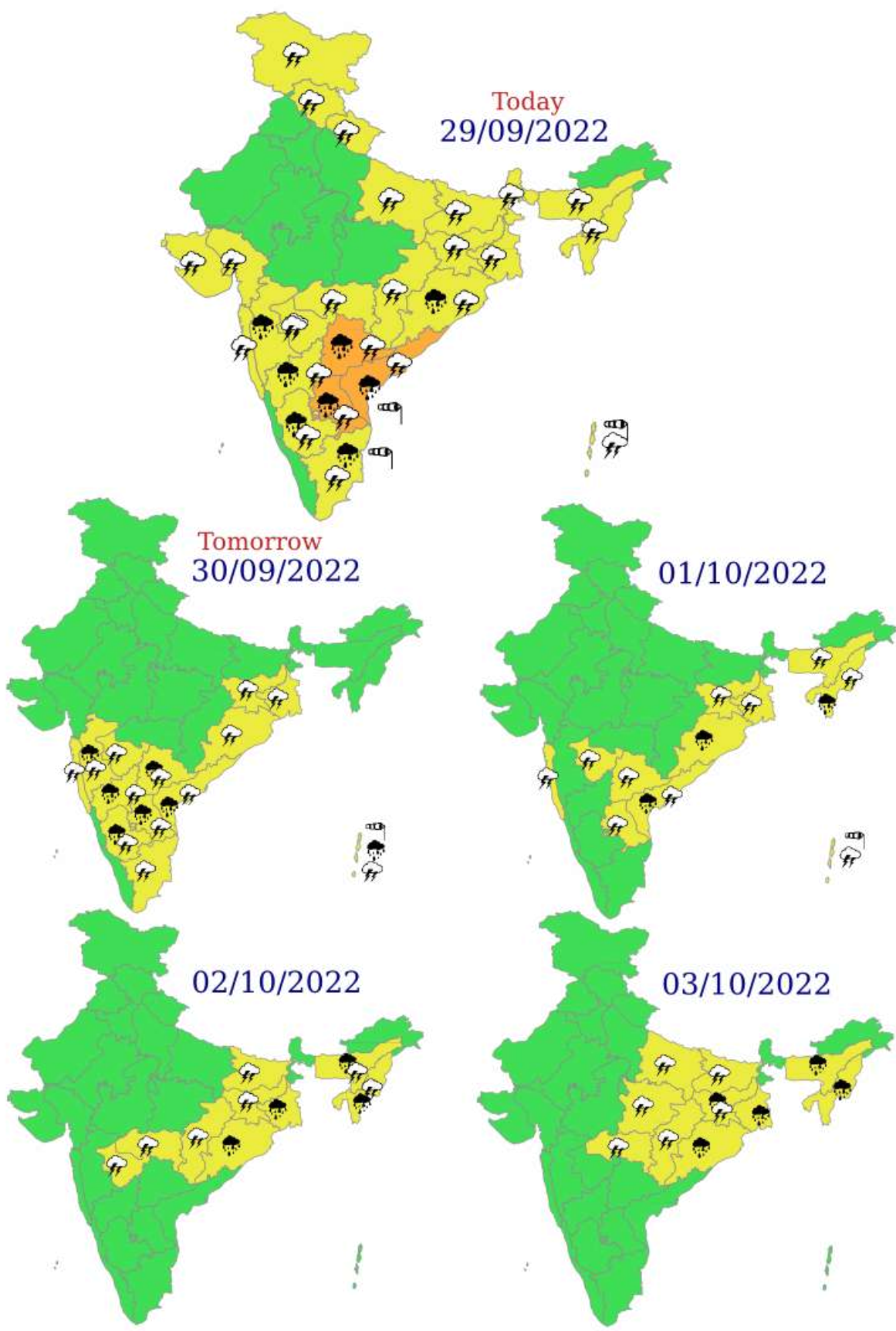
https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php

Isolated very heavy rainfall occurred over Telangana and Coastal Andhra Pradesh and **Heavy rainfall** occurred at isolated places over interior Odisha, Tamil Nadu, Coastal Andhra Pradesh, Rayalaseema, Madhya Maharashtra, Marathwada and Bihar

Rainfall (in cm):

- ❖ **Telangana:** Kerameri (dist Kumaram Bheem) 17, Mothey (dist Suryapet) 10, Waddepalli (dist Jogulamba Gadwal) 9, Enkuru (dist Khammam) 9, Suryapet (dist Suryapet) 9, Devarakonda (dist Nalgonda) 8, Neredcherla (dist Suryapet) 7, Devarakonda(arg) (dist Nalgonda) 7, Jajireddigudem (dist Suryapet) 7
- ❖ **Coastal Andhra Pradesh:** Macherla (dist Guntur) 12;
- ❖ **Rayalaseema:** Koilkuntla (dist Kurnool) 11, Allagadda (dist Kurnool) 10, Nandyal (dist Kurnool) 8, Badvel (dist Ysr District) 7, Banaganapalle (dist Kurnool) 7, Yemmiganur (dist Kurnool) 7, Dornipadu (dist Kurnool) 7;
- ❖ **Sub-Himalayan West Bengal:** Bagrakote 11, Sevoke 11, Ghish(Cwc) 9, Neora 8, Nagrakata 8
- ❖ **Madhya Maharashtra:** Igatpuri (dist Nashik) 10;
- ❖ **Marathwada:** Ghansawangi (dist Jalna) 7;
- ❖ **Odisha:** Koraput and Bamra (Sambalpur) 7 each
- ❖ **Bihar:** Forbesganj, Narpatganj (Araria) 7 each
- ❖ **Tamilnadu, Puducherry & Karaikal:** Kumarapalayam (dist Namakkal) 9, Sethiathope (dist Cuddalore), DGP Office (dist Chennai) 8 each, Anna University (dist Chennai), Bhavani (dist Erode) 7 each,





IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

Isolated very heavy rainfall over **Coastal Andhra Pradesh, Telangana and Rayalaseema on 29th September, 2022.**

A. Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

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

