



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

Press Release

Date: 03rd September, 2021

Time of Issue: 1345 hrs IST

Subject: Increase in rainfall activity over south Peninsular, Central & east India from 05th and over northwest India from 06th September, 2021.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more):

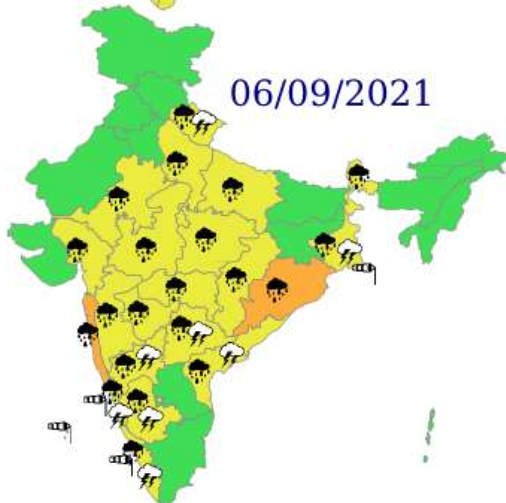
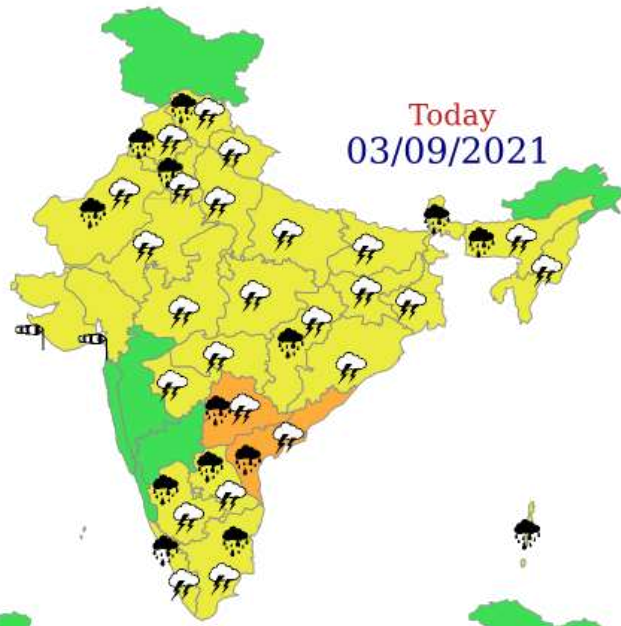
- **Coastal Andhra Pradesh & Yanam:** Eluru-13, Nandigama, Krishna & Nellore-9 each;
- **Tamil Nadu, Puducherry & Karaikal:** Salem & Thanjavur-9 each, Namakkal & Pudukkottai-8 each, Karur, Tiruvarur & Trichy-7 each;
- **Telangana:** Kothagudem-13, Nalgonda-11, Mulugu & Siddipet-10 each, Malkangiri & Rangareddy-8 each, Bhuvangiri-7;
- **South Interior Karnataka:** Tumakuru-9;
- **Kerala & Mahe:** Kottayam-7;
- **Rayalaseema:** Anantpur-9;
- **Saurashtra & Kutch:** Okha-8;
- **West Rajasthan:** Hanumangarh-12;
- **East Rajasthan:** Alwar-8, Fatehpur-7; Jharkhand: Giridih & Hazaribagh-7 each;
- **Chhattisgarh:** Bijapur-10, Balrampur-8, Kondagaon-7;
- **Haryana:** Hissar-13;
- **East Uttar Pradesh:** Maharajganj-14;
- **Bihar:** West Champaran-8;
- **Nagaland:** Dimapur-7.

Weather Systems and Forecast and Warnings:

- The western end of monsoon trough lies south of its normal position and its eastern end has shifted to north of its normal position. The western end is very likely to shift gradually northwards till 06th September. The monsoon trough is very likely to shift with the likely formation of a low pressure area over north & adjoining central Bay of Bengal around 06th September, 2021.
- A shear zone runs roughly along Latitude 10°N in middle tropospheric levels. It is very likely to persist over south Peninsular India during next 4-5 days.
- A cyclonic circulation lies over coastal Andhra Pradesh & neighbourhood in lower tropospheric levels tilting southwards with height. It is likely to become less marked during next 24 hours.
- A cyclonic circulation lies over eastcentral Bay of Bengal in middle tropospheric levels.
- **Due to above meteorological conditions:**
 - ✓ Scattered to fairly widespread rainfall activity with **isolated heavy falls** very likely over Punjab, Haryana & Chandigarh, northwest Rajasthan, Himachal Pradesh on today, the 03rd September and decrease thereafter on 04th & 05th September. Rainfall activity is likely to increase with scattered to fairly widespread rainfall from 06th September over northwest India. **Isolated heavy falls are also likely over Himachal Pradesh on 07th; West Uttar Pradesh, East Rajasthan on 06th & 07th; Uttarakhand during 04th to 07th; Haryana on 07th; East Uttar Pradesh on 06th September.**
 - ✓ Enhanced Rainfall activity with fairly widespread to widespread rainfall with isolated **heavy falls** likely over peninsular India and west coast from 05th to 07th and over Telangana and Coastal Andhra Pradesh where rainfall activity is likely to continue during next 5 days. Isolated **very heavy falls** very likely over Marathwada & Konkan & Goa on 06th & 07th Sept.; over ghat area of Madhya Maharashtra on 07th September; Telangana on 03rd & 04th; Coastal Andhra Pradesh on 03rd September.
 - ✓ Rainfall activity over Central & East India is also very likely to increase from 05th September with fairly widespread rainfall activity & isolated **heavy falls** over Odisha during 04th - 07th ; Chhattisgarh during 03rd -07th ; Vidarbha, East Madhya Pradesh during 05th -07th September and over West Madhya Pradesh & Gangetic West Bengal on 06th & 07th September.

[For detailed forecast and warning refer:](#)

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



EXPECTED IMPACT & ACTION SUGGESTED due to **Very heavy rainfall** at isolated places over Odisha on 06th; ghat areas of Madhya Maharashtra on 07th; Marathwada & Konkan & Goa on 06th & 07th; Telangana on 03th & 04th ; over Coastal Andhra Pradesh on 03rd September, 2021.

A. Impact Expected

- Localized Flooding of roads, inundation and 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:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, 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

