Government of India

Ministry of Earth Sciences

India Meteorological Department

Press Release

Date: 04th 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):

- **Chhattisgarh:** Bastar-12, Biaspur-11, Dantewada-7;
- **Haryana & Chandigarh:** Hisar-18, Panipat-7;
- **East Madhya Pradesh:** Khajuraho & Chhatarpur-12 each, Rewa-10, Panna & Tikamgarh-7 each;
- **Tamilnadu, Puducherry & Karaikal:** Salem-13;
- **East Uttar Pradesh:** Chitrakoot-12, Prayagraj-9, Sitapur-8, Lucknow-7;
- **West Rajasthan:** Hanumangarh & Jaisalmer-7 each;
- **Rayalseema:** Chittoor-7;
- **Punjab:** Muktsar-11, Bhatinda & Jalandhar-7 each;
- **Konkan & Goa:** Sindhudurg-9, Colaba (Mumbai) & Palghar-7 each;
- **Jharkhand:** Simdega-8, Gumla-7;
- **Telangana :** Mulugu-11, Peddapalle & Sangareddy-9 each, Kumaram Bheem & Medak-8 each, Adilabad, J. Bhupalpally, Narayanpet-7 each;
- **Himachal Pradesh:** Shimla-7;
- **Coastal Karnataka:** Uttara Kannada-13, Dakshin Kannada-11, Udupi-7;
- **North Interior Karnataka:** Yadgir-7;
- **South Interior Karnataka:** Hassan & Ramanagara-7 each;
- **Telangana:** Ramgundam-7;

- **Vidarbha:** Bhandara-11, Wardha-7;
- **Odisha:** Nowrangpur-8.

Weather Systems and Forecast and Warnings:

- A cyclonic circulation lies over Northeast & adjoining Eastcentral Bay of Bengal and extends upto mid-tropospheric levels. Under its influence, a Low Pressure Area is likely to form over North & adjoining Central Bay of Bengal during next 48 hours.
- The monsoon trough currently runs along its normal position. Its eastern end is likely to shift south of its normal position during next 24 hours and persists there for subsequent 3 days.
- A cyclonic circulation lies over Kutch & neighbourhood and extends upto mid-tropospheric levels tilting south-westwards with height.
- A cyclonic circulation lies over northwest Rajasthan & adjoining Punjab in lower tropospheric levels.
- The shear zone now runs roughly along Latitude 12°N in mid-tropospheric levels. It is very likely to persist over Peninsular India during next 4 days. .

- **Due to above meteorological conditions:**

✓ Enhanced Rainfall activity with fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** very likely over south peninsular India during next 4 days. Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** very likely over Konkan & Goa, Madhya Maharashtra & Marathawada during 05th – 08th and over Gujarat State during 07th – 08th September, 2021.

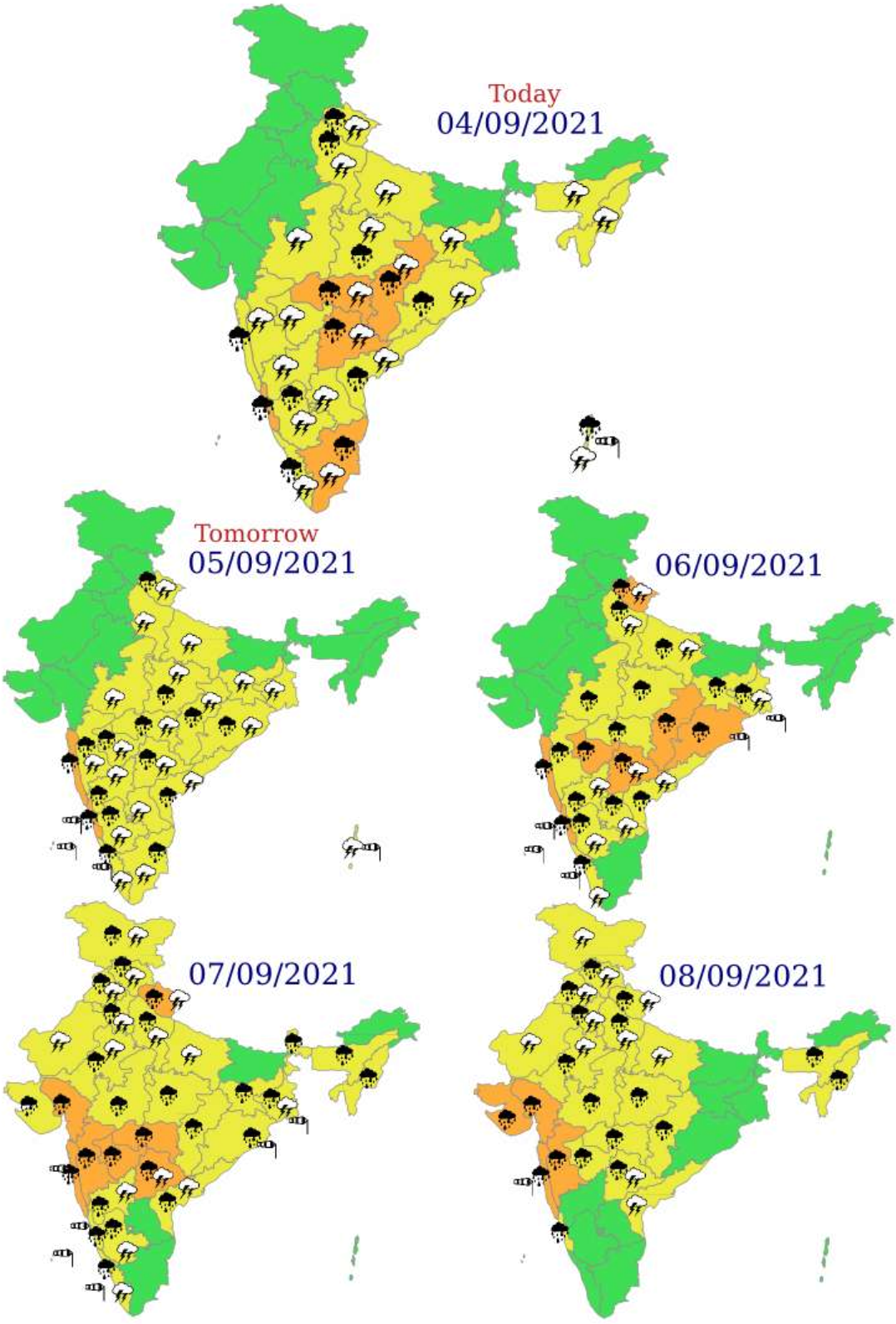
✓

✓ Rainfall activity over Central & East India very likely to increase from 05th September. Fairly widespread to widespread rainfall activity with isolated **heavy to very heavy falls** very likely over Madhya Pradesh, Vidarbha and Chhattisgarh during next 5 days; over Odisha during 04th - 07th and over Bihar, Jharkhand and Gangetic West Bengal on 06th & 07th September.

✓ Subdued rainfall activity over northwest India during next 3 days except Uttarakhand and northwest Uttar Pradesh where heavy rainfall is likely at isolated places. Rainfall activity is very likely to increase with scattered to

fairly widespread rainfall from 06th September over most parts of northwest India with **isolated heavy falls** are also likely over Himachal Pradesh, Punjab, west Uttar Pradesh, Haryana & Chandigarh and East Rajasthan on 07th & 08th and **isolated heavy to very heavy falls** very likely over Uttarakhand on 06th & 07th September, 2021.

For detailed forecast and warning refer:
https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php


Today
04/09/2021
Tomorrow
05/09/2021
06/09/2021
07/09/2021
08/09/2021

EXPECTED IMPACT & ACTION SUGGESTED due to Very heavy rainfall at isolated places over Vidarbha on 04th ; over Chhattisgarh and Telangana on 04th & 06th ; over Uttarakhand, Marathwada and Odisha on 06th; Konkan & Goa on 05th & 06th ; Madhya Maharashtra on 07th; Coastal Karnataka on 04th – 06th and over Tamilnadu on 04th 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.