Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 31st August, 2021
Time of Issue: 1320 hrs IST

Subject: i) Enhanced rainfall activity very likely to continue over West & Central India today and gradual reduction thereafter.
ii) Enhancement of rainfall activity over south Peninsular India very likely from 02 September, 2021.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more):
- Gujarat region- Daman-20 and Valsad-8;
- Himachal Pradesh: Kangra-7;
- Uttarakhand: Udham Singh Nagar-9; Champawat-8 and Bageshwar-7;
- West Rajasthan: Jalore-7;
- East Rajasthan: Dholpur-8 and Baran-7;
- Kerala: Cannur-8;
- Coastal Karnataka: Dakshina Kannada-7;
- Jharkhand: Bokaro and East Singhbhum-7 each;
- Odisha: Kendrapara-13; Khurda-7;
- East Uttar Pradesh: Kheri-10;
- West Madhya Pradesh: Vidisha-7;
- Konkan & Goa: Palghar-22;
- Madhya Maharashtra: Ahmednagar-18; Jalgaon-9; Nasik-7;
- Marathwada: Aurangabad and Beed-11 each; Nanded-10; Latur-9;
- Bihar: Araria-7;
- Telangana: Kamareddy-16; Medak, Nizamabad and Warangal Urban-10 each; Siddipet and Rajanna Sircilla-9 each; Nirmal, Jagtial and Karimnagar-8 each; Malkangiri, Mahbubnagar and Peddapalle-7 each;

Weather Systems and Forecast and Warnings:
- A cyclonic circulation lies over Vidarbha and neighbourhood and extends up to 4.5 km above mean sea level tilting southwestwards with height.
- The monsoon trough at mean sea level now lies south of its normal position. It is very likely to remain south of its normal position during next 2-3 days.
- The east-west shear zone roughly along Latitude 15°N between 5.8 km & 7.6 km above mean sea level persists. It is likely to persist till tomorrow.
- The Western Disturbance as a trough in Lower & Middle tropospheric westerlies with its axis at 3.1 km above mean sea level roughly along Long. 66°E to the north of Lat. 28°N persists.

- **Due to above meteorological conditions:**
  - Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely over Telangana, Marathwada and West Madhya Pradesh on 31 August, East Rajasthan during 31st August to 02nd September, Assam and Meghalaya on 01st September and during 03rd-04th September, Mizoram and Tripura during 03rd-04th September; **isolated very heavy falls** very likely over Gujarat State during 01st-02nd September; **isolated extremely heavy falls** very likely over north Konkan and adjoining south Gujarat and north Madhya Maharashtra on 31st August.
  - Widespread rainfall activity with **isolated heavy falls** very likely over Andaman and Nicobar Islands during 01-04 September.
  - Scattered to fairly widespread rainfall activity with **isolated heavy falls** very likely over Tamil Nadu and South Interior Karnataka during 02nd -03rd September and over Coastal Andhra Pradesh during 02nd -04th September.
  - Isolated to scattered rainfall activity with **isolated heavy falls** very likely over west Rajasthan and Uttar Pradesh during 31st August to 01st September and Haryana on 31st August.
  - Moderate to severe thunderstorm activity with cloud-to ground lightning very likely at isolated places of West Madhya Pradesh, East Rajasthan and Haryana today.

**For detailed forecast and warning refer:**
https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php
EXPECTED IMPACT & ACTION SUGGESTED due to Extremely Heavy/Very heavy rainfall at isolated places over Gujarat state during 31st August-02nd September; over Konkan during 31st August-01st September and over Madhya Maharashtra on 31st August.

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.
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.