



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

**Press Release
Date: 03rd July, 2022
Time of Issue: 1345 hrs IST**

Subject: Active monsoon conditions over central India and along west coast during next 5 days and over Northwest India during 05th- 07th July 2022.

Weather observed during past 24 hours ending at 0830 hrs IST of today:

- **Heavy to very heavy rainfall** at isolated places occurred over Himachal Pradesh, Gujarat Region, Odisha, Kerala & Mahe, South Interior Karnataka and **heavy rainfall** at isolated places over Uttarakhand, Rajasthan, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra, Gangetic West Bengal, Madhya Pradesh, Chhattisgarh, Jharkhand, Assam-Meghalaya, Nagaland-Manipur-Mizoram-Tripura, Telangana, Coastal Karnataka and Tamilnadu. (**Annexure I**)

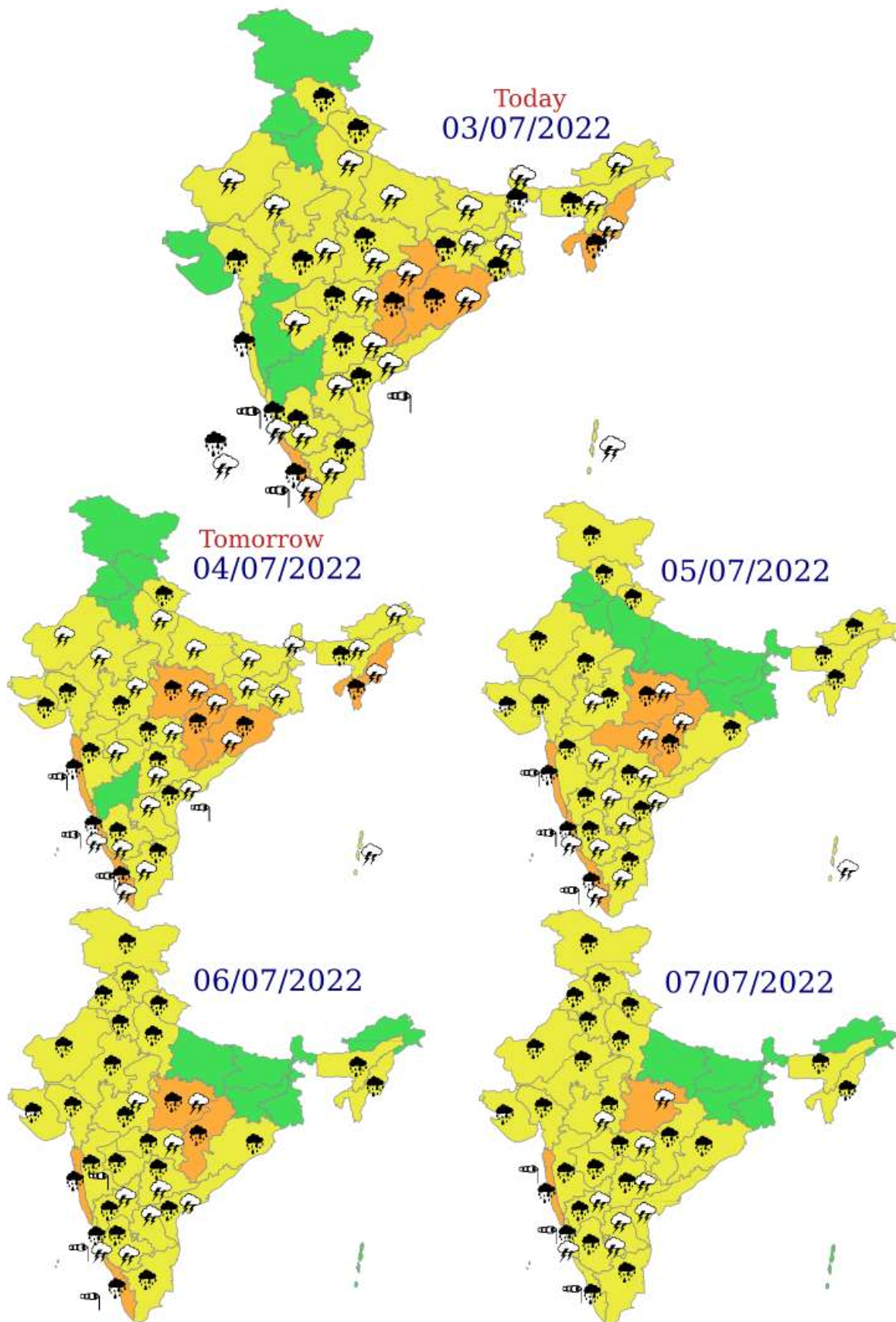
Rainfall/thunderstorm Forecast & Warnings: (Multi-hazard warning is given in Annexure II)

- **The monsoon trough is active and south of its normal position. There are strong westerly winds along the west coast in the lower tropospheric levels.**
- **A cyclonic circulation lies over south Jharkhand & neighbourhood extending upto upper tropospheric levels. Under its influence, a Low Pressure Area is likely to form over the same region during next 24 hours.**
- **A trough runs from southwest Rajasthan to Westcentral Arabian sea at lower tropospheric levels.**
- **Under the influence of above systems;**
 - Widespread rainfall with **thunderstorm/lightning** very likely over Konkan & Goa, Coastal Karnataka and Kerala & Mahe and scattered to fairly widespread rainfall activity over Gujarat State, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Telangana and Interior Karnataka during next 5 days.
 - Isolated **heavy rainfall** very likely over Gujarat State, Konkan & Goa, Coastal & South Interior Karnataka, Telangana, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during next 5 days; over Madhya Maharashtra during 04th-07th; North Interior Karnataka during 05th-07th; Coastal Andhra Pradesh & Yanam on 03rd, 05th & 06th July, 2022.
 - **Isolated heavy to very heavy rainfall also very likely over Konkan & Goa during 04th-07th; Coastal Karnataka on 04th & 05th and over Gujarat Region, ghat areas of Madhya Maharashtra during 05th-07th; Kerala-Mahe during 03rd-06th July, 2022.**
 - Widespread rainfall with isolated **heavy rainfall with thunderstorm/lightning** very likely over Central India (Madhya Pradesh, Chhattisgarh and Vidarbha) during next 5 days.

- **Isolated heavy to very heavy rainfall also very likely over Chhattisgarh during 03rd-06th; Vidarbha during 05th-07th; East Madhya Pradesh during 04th-07th; West Madhya Pradesh on 06th & 07th July, 2022.**
- Isolated **heavy rainfall** very likely over Jharkhand and West Bengal-Sikkim on 03rd and over Odisha during next 5 days. **Isolated heavy to very heavy rainfall also likely over Odisha on 03rd, 04th & 07th July, 2022.**
- Isolated **heavy rainfall** very likely over Jammu & Kashmir and west Rajasthan during 05th-07th; Himachal Pradesh on 03rd, 05th-07th; Uttarakhand on 03rd & 04th July; East Rajasthan on 05th; Punjab, Haryana-Chandigarh & northwest Uttar Pradesh on 06th & 07th July, 2022. **Isolated heavy to very heavy rainfall also very likely over East Rajasthan on 06th & 07th and Uttarakhand on 05th-07th July, 2022.**

Rainfall (in cm):

- ❖ **South Interior Karnataka: Kodagu:** Bhagamandala-16, Napoklu-10, **Chikkamagaluru:** Sringeri-14, Jayapura-12;
- ❖ **Gujarat Region: Navsari:** Vansda-14, Khergam & Gandevi -9, Navsari-8, Jalalpor-6, **Tapi:** Dolvan-10, **Mahisagar:** Virpur-9, **Dadara & Nagar Haveli:** Madhbun-8, Silvassa-7, **Valsad:** Kaprada & Vapi-7, Umergam & Pardi -6, **Daman:** Daman-6, **Dangs:** Subir-6, **Banaskantha:** Suigam-6;
- ❖ **Odisha: Baragarh:** Jharbandh-13, Paikmal-8, **Jagatsinghpur:** Kujanga-13, Rayagada: Gunpur-11, **Puri:** Krishnaprasad-11, **Ganjam:** Polsara-9, **Kandhamal:** Phiringia, Kotagarh, Baliguda-8, **Khurda:** Banpur-7, **Boudh:** Boudhgarh, Kantamal-7, **Mayurbhanj:** Udala, Kaptipada-7, **Kendrapada:** Kendrapada, Marshaghai-7;
- ❖ **Kerala & Mahe: Kozhikode:** Kakkayam-13, **Idukki:** Idukki-8, **Kannur:** Irikkur-7, **Wayanad:** Mananthavady-7, Vythiri-6, Ambalavayal-5, **Ernakulam:** Neryamangalam-7, Keerampara-6;
- ❖ **Saurashtra & Kutch: Devbhoomi Dwarka:** Khambhalia-11, **Junagadh:** Manavadar-11, Junagarh-10, Vanthali-8, Malia-7, **Jamnagar:** Jamjodhpur-8, **Kutch:** Mandvi-7, **Somnath:** Talala-6;
- ❖ **Uttarakhand: Dehradun:** Dehradun-11, Mussoorie-7, **Rudraprayag:** Jakholi -7;
- ❖ **East Madhya Pradesh: Damoh:** Batiyagarh-10, **Seoni:** Seoni-9, Barghat-6, **Mandla:** Bijadandi-8, Narayanganj-7, **Jabalpur:** Bargi-7;
- ❖ **Chhattisgarh: Gariaband:** Deobhog -9, **Bastar:** Bakavand-7;
- ❖ **Coastal Karnataka: Dakshina Kannada:** Dharmasthala & Belthangadi-9, Mani & Puttur-7;
- ❖ **Assam & Meghalaya: Cachar:** Amraghat-9, Lakhipur-8, **Hailakandi:** Gharmura-8, **Tinsukia:** Margherita-7;
- ❖ **Telangana: Kamareddy:** Kamareddy-8, **Jangaon:** Kodakandla-7, **Rajanna Sircilla:** Gambhiraopet-7;
- ❖ **Gangetic West Bengal: South 24 Parganas:** Sagar Island-8, **Birbhum:** Suri-7, **Purulia:** Simulia-7;
- ❖ **West Rajasthan: Churu:** Ratangarh-7, **Nagaur:** Khivensar Sr-7;
- ❖ **East Rajasthan: Ajmer:** Nasirabad-7, **Jhalawar:** Pirawa-7;
- ❖ **Tamilnadu: Coimbatore:** Chinnakalar-7;
- ❖ **West Madhya Pradesh: Vidisha:** Shamshabad-8, **Dhar:** Tirla-7;
- ❖ **Konkan & Goa: Raigad:** Matheran-7;
- ❖ **Madhya Maharashtra: Satara:** Mahabaleshwar-7;
- ❖ **Nagaland-Manipur-Mizoram-Tripura: Wokha:** Wokha-7.



EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over

- **Konkan & Goa during 04th-07th; Coastal Karnataka on 04th & 05th and over Gujarat Region, ghat areas of Madhya Maharashtra during 05th-07th; Kerala-Mahe during 03rd-06th July, 2022.**
- **Chhattisgarh during 03rd-06th; Vidarbha during 05th-07th; East Madhya Pradesh during 04th-07th; West Madhya Pradesh on 06th & 07th July, 2022.**
- **Odisha on 03rd, 04th & 07th July, 2022.**
- **East Rajasthan on 06th & 07th and Uttarakhand on 05th-07th July, 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

