



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

**Press Release
Date: 04th July, 2022
Time of Issue: 1310 hrs IST**

Subject: Active monsoon conditions over central India and along west coast during next 5 days and over Northwest India during 05th- 08th 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 Odisha, Chhattisgarh, Kerala & Mahe, Konkan & Goa, South Interior Karnataka and Coastal Karnataka and **heavy rainfall** at isolated places over Nagaland, Assam, Arunachal Pradesh, Haryana-Chandigarh, East Uttar Pradesh, Himachal Pradesh, West Rajasthan, Vidarbha, Madhya Pradesh, Marathwada, Telangana, Coastal Andhra Pradesh & Yanam and North Interior Karnataka. (**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 Low Pressure Area lies over north Odisha and adjoining south Jharkhand & Gangetic West Bengal.**

Under their influence;

- Fairly widespread/widespread rainfall with isolated **heavy rainfall** and **thunderstorm/lightning** very likely over Gujarat State, Konkan & Goa, Madhya Maharashtra, Coastal Andhra Pradesh & Yanam, Telangana, Coastal & South Interior Karnataka, Kerala & Mahe, Madhya Pradesh, Vidarbha, Chhattisgarh and Odisha during next 5 days.
- Isolated **very heavy rainfall** also very likely over Gujarat region on 04th, 07th & 08th; over Saurashtra & Kutch on 04th, & 08th; over Konkan & Goa during 04th – 08th; over Madhya Maharashtra during 06th-08th; over Coastal Karnataka on 04th & 05th; over south Interior Karnataka on 04th; Kerala & Mahe on 04th & 05th; over West Madhya Pradesh on 07th & 08th; East Madhya Pradesh, Vidarbha & Chhattisgarh on 04th & 05th and over Odisha on 04th, 07th & 08th July, 2022.
- Isolated **extremely heavy rainfall** also likely over south Gujarat Region & ghat areas of Madhya Maharashtra on 08th and over Konkan & Goa on 07th & 08th July, 2022.
- Widespread rainfall with **thunderstorm/lightning** very likely over Marathwada and North Interior Karnataka during next 5 days and isolated **heavy rainfall** likely over Marathwada on 06th & 07th and over North Interior Karnataka during 04th-06th July, 2022.
- Scattered rainfall activity with isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during next 5 days.

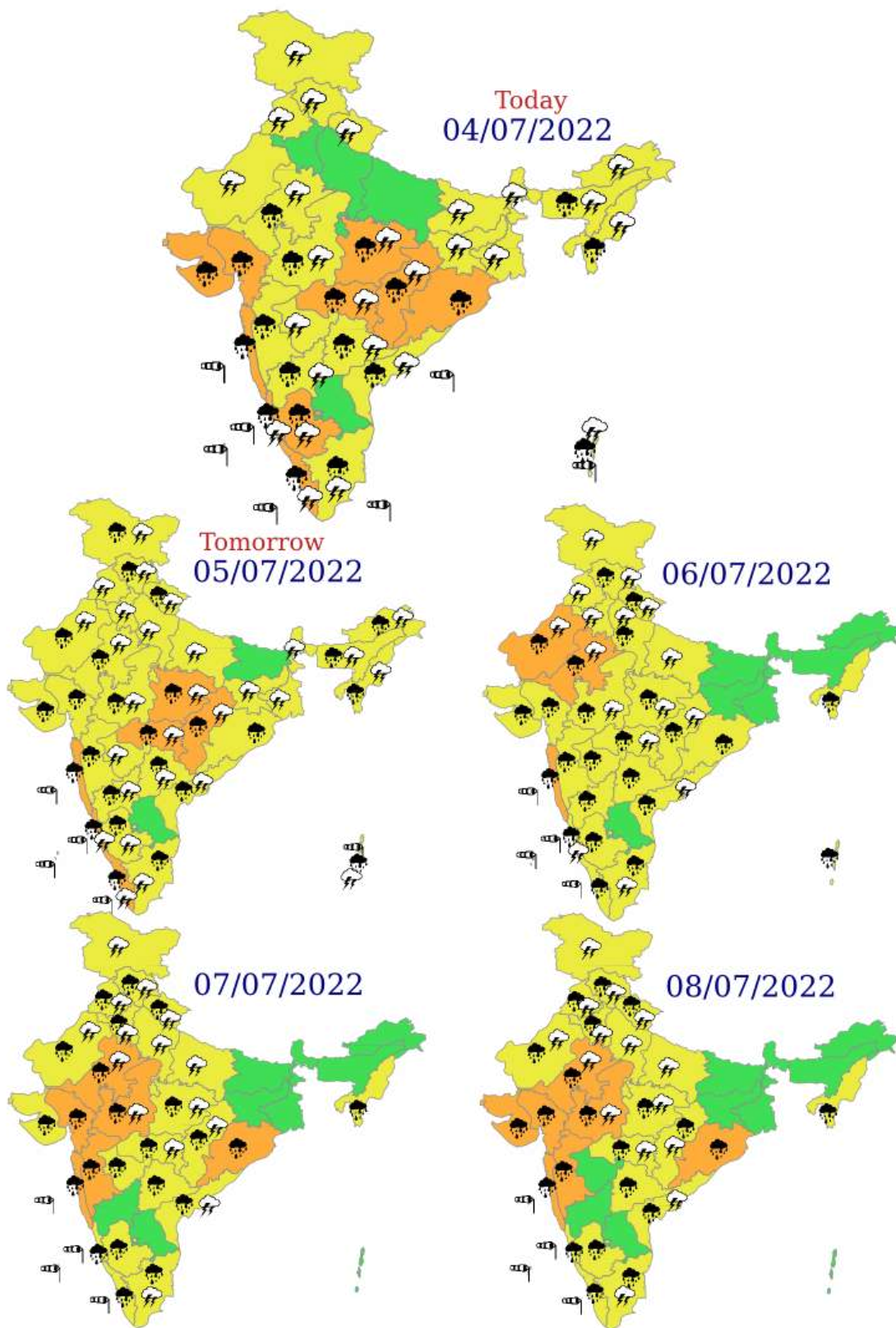
- Fairly widespread/widespread rainfall with isolated **thunderstorm/lightning** very likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Uttarakhand and Himachal Pradesh during next 5 days and isolated **heavy rainfall** likely over Jammu & Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad on 05th and Uttarakhand & Himachal Pradesh during 05th-08th July, 2022.
- Isolated rainfall activity very likely over Punjab, Haryana, Chandigarh-Delhi, Uttar Pradesh and Rajasthan during next 24 hours and scattered to widespread rainfall activity with isolated **thunderstorm/lightning** likely over the region during 05th-08th July, 2022.
- Isolated **heavy rainfall** likely over Punjab, Haryana, Chandigarh-Delhi on 07th & 08th; West Uttar Pradesh on 06th; East Rajasthan during 04th-08th and West Rajasthan during 05th-08th July, 2022. Isolated **very heavy rainfall** also likely over West Rajasthan on 06th and over East Rajasthan during 06th-08th July, 2022.

Annexure I

Rainfall (in cm):

- ❖ **Konkan & Goa:- South Goa:** Sanguem-12, Margao-8, **Raigad:** Matheran-8, **North Goa:** Valpoi-7;
- ❖ **Odisha: Kandhamal:** G Udayagiri-12, **Angul:** Athmalik-12, **Bargarh:** Ambabhona-11, **Boudhgarh:** Harabhnaga-11, **Keonjargarh:** Telkoi-9;
- ❖ **Haryana-Chandigarh: Panipat:** Madluda Rev-9;
- ❖ **Vidarbha: Gadchiroli:** Mulchera-9, **Nagpur:** Saoner-8, **Gondia:** Arjuni Morgaon-7;
- ❖ **Telangana: Kamareddy:** Kamareddy-11, Banswada-10, Pitlam-8, **Adilabad:** Boath-11, Utnur-9, **Kumaram Bheem:** Bejjur-9, **Nizamabad:** Dich Palle-8, **Mancherial:** Kotapalle-8, **Sangareddy:** Hathanoora -8, **Kothagudem:** Yellandu-8, **Nizamabad:** Navipet-7, **Rajanna Sircilla:** Yellareddy-peta-7;
- ❖ **Coastal Karnataka: Uttara Kannada:** Gersoppa-13, **Dakshina Kannada:** Puttur Hms & Dharmasthala-10 each, Sulya-8, **Udupi:** Karkala-9, Kota-7;
- ❖ **North Interior Karnataka: Bidar:** Aurad-7;
- ❖ **South Interior Karnataka: Chikkamagaluru:** Kottigehara-13, Kodagu: Bhagamandala-13, Jayapura-9;
- ❖ **West Rajasthan: Pali:** Sojat-8;
- ❖ **Kerala & Mahe: Kozhikode:** Kakkayam-12, **Thrissur:** Peringalkuthu-11, Chalakuddy-7, **Wayanad:** Padinjarathara_Dam-10, **Kasargod:** Vellarikkundu-10, Bayar-9, Muliya-7, **Kollam:** Aryankavu -8, Peringome-8, **Kannur:** Ayyankunnu-7
- ❖ **West Madhya Pradesh: Sehore:** Rehti-9, Ichhawar-7, **Rajgarh:** Rajgarh-9, **Narsingarh-7,** Neemuch: Jawad-8;
- ❖ **Chhattisgarh: Janjgir:** Champa-17, Baloda-9, **Bilaspur:** Takhatpur & Masturi-11 each, Kota-9, **Raigarh:** Sarangarh-9; **Bijapur:** Bhopalpatnam-8;

- ❖ **East Uttar Pradesh:- Sonbhadra:** Ghorawal-8;
- ❖ **Marathwada: Nanded:** Himayatnagar-9, Loha-7;
- ❖ **East Madhya Pradesh: Jabalpur:** Bargi-8, **Sagar:** Sagar-aws-7;
- ❖ **Himachal Pradesh: Mandi:** Bijahi-10,
- ❖ **Coastal Andhra Pradesh & Yanam: Vizianagaram:** Merakamudidam-9, Kurupam-7, Krishna: Masulipatnam-7;
- ❖ **Assam:** Baksa-9, Cachar-7,
- ❖ **Nagaland:** Mon & Shella-7 each;
- ❖ **Arunachal Pradesh:** Changlang-7;



EXPECTED IMPACT & ACTION SUGGESTED due to very heavy rainfall over

(i) West Rajasthan on 06th; East Rajasthan during 06th-08th; West Madhya Pradesh on 07th & 08th; over East Madhya Pradesh, Vidarbha & Chhattisgarh on 04th & 05th; Odisha on 04th, 07th & 08th; Gujarat Region on 04th & 07th; Saurashtra & Kutch on 04th & 08th; Madhya Maharashtra on 06th & 07th; Kerala & Mahe & Coastal Karnataka on 04th & 05th July, 2022.

(ii) **Due to isolated very heavy/extremely heavy rainfall** over Gujarat Region & Madhya Maharashtra on 08th and over Konkan & Goa during next 5 days.

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 |

