



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

**Press Release  
Date: 23<sup>rd</sup> July, 2022  
Time of Issue: 1245 hrs IST**

**Subject: (i) Isolated very heavy to extremely heavy rainfall spell likely to continue over Telangana during 23<sup>rd</sup>-25<sup>th</sup> July and decrease thereafter.  
(ii) Isolated heavy to very heavy rainfall spell likely over Gujarat Region, Rajasthan, East Madhya Pradesh, Chhattisgarh, Odisha, Vidarbha and Coastal Andhra Pradesh today and over Saurashtra & Kutch and West Madhya Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> July and decrease thereafter.**

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

- **Heavy to very heavy rainfall at some places with extremely heavy falls** occurred at isolated places over Telangana; **heavy to very heavy rainfall** occurred at isolated places over West Madhya Pradesh, East Rajasthan, Jammu & Kashmir, Chhattisgarh and **heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Haryana-Chandigarh, East Madhya Pradesh, Marathwada, Sikkim, North Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Coastal Andhra Pradesh & Yanam. (**Annexure I**).

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

- The monsoon trough at mean sea level today runs south of its normal position. It is likely to persist in the same location during next 2-3 days.
- A cyclonic circulation lies over interior Odisha & adjoining Chhattisgarh in lower & middle tropospheric levels tilting southwestwards with height.
- **Under the influence of above systems;**
  - Fairly widespread/ widespread rainfall with **isolated heavy falls**, thunderstorm & lightning very likely over Konkan & Goa on 23<sup>rd</sup> & 24<sup>th</sup>; Gujarat Region on 24<sup>th</sup> & 25<sup>th</sup>; Saurashtra & Kutch on 25<sup>th</sup>; Coastal Andhra Pradesh & Yanam during 24<sup>th</sup>-27<sup>th</sup>; Telangana on 27<sup>th</sup> and scattered to fairly widespread over North Interior Karnataka & Marathwada on 23<sup>rd</sup>; ghat areas of Madhya Maharashtra on 23<sup>rd</sup> & 24<sup>th</sup> and over Tamilnadu, Puducherry & Karaikal on 23<sup>rd</sup>, 26<sup>th</sup> & 27<sup>th</sup> July, 2022.
    - ✓ **Isolated extremely heavy falls also likely over** Telangana during 23<sup>rd</sup>-25<sup>th</sup> July, 2022.
    - ✓ **Isolated very heavy falls very likely over** north Gujarat Region & Coastal Andhra Pradesh & Yanam on 23<sup>rd</sup>; Saurashtra & Kutch on 23<sup>rd</sup> & 24<sup>th</sup> and over Telangana on 26<sup>th</sup> July, 2022.
  - Fairly widespread to widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Jammu & Kashmir on 23<sup>rd</sup> & 24<sup>th</sup>; Himachal Pradesh & Uttarakhand during 23<sup>rd</sup>-27<sup>th</sup> and scattered to fairly widespread rainfall over Punjab &

Haryana-Chandigarh on 26<sup>th</sup>; Uttar Pradesh on 27<sup>th</sup>; West Rajasthan during 24<sup>th</sup>-26<sup>th</sup> and over East Rajasthan during 24<sup>th</sup>-27<sup>th</sup> July, 2022.

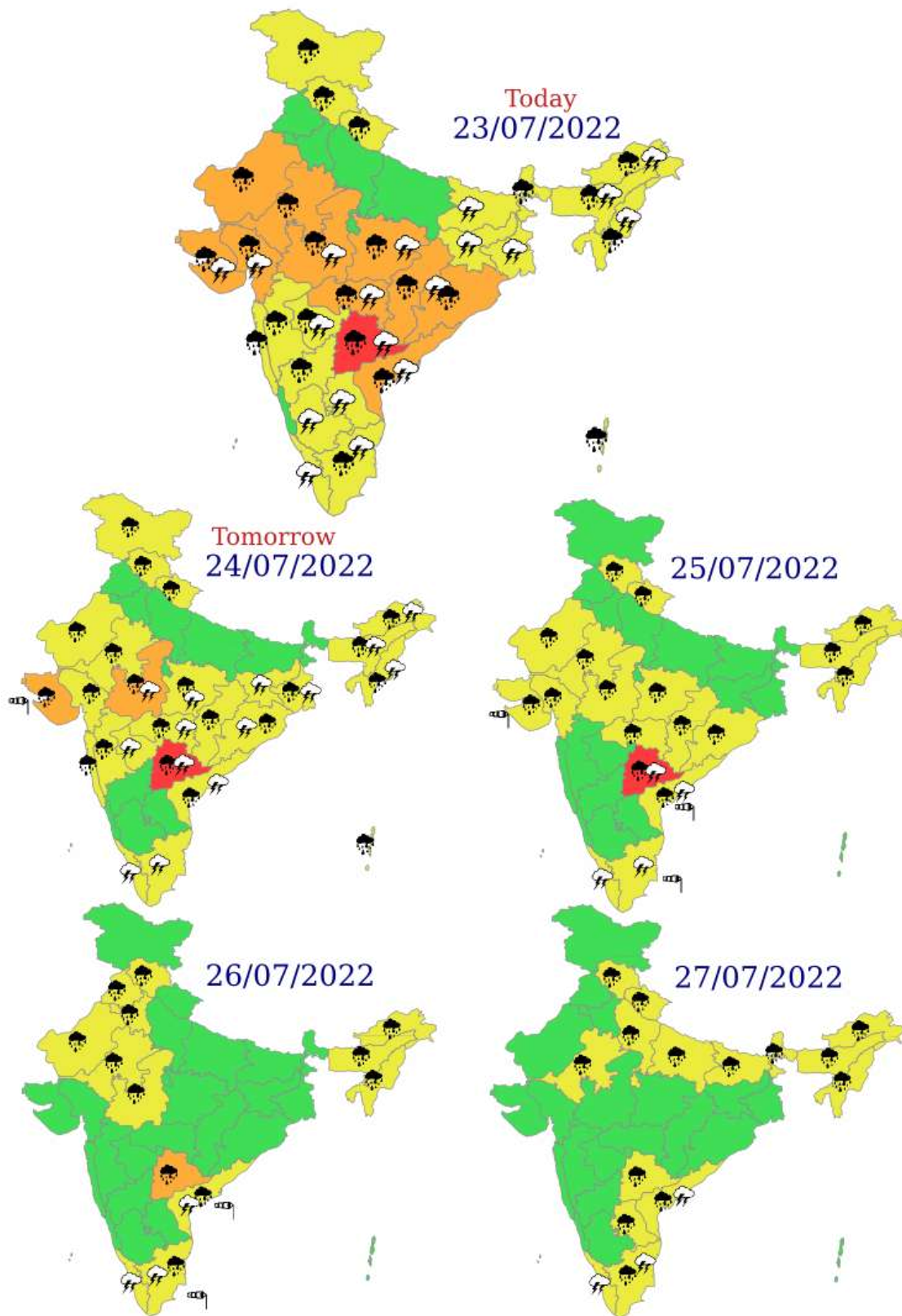
- ✓ **Isolated very heavy rainfall** very likely over Rajasthan on 23<sup>rd</sup> July, 2022.
- Fairly widespread/widespread rainfall & **thunderstorm/lightning** very likely over Chhattisgarh, Vidarbha, Madhya Pradesh during next 5 days.
  - ✓ **Isolated very heavy rainfall** also very likely over Chhattisgarh, Vidarbha & East Madhya Pradesh on 23<sup>rd</sup> and over West Madhya Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> July, 2022.
  - ✓ **Isolated heavy rainfall** very likely over Chhattisgarh, Vidarbha & East Madhya Pradesh on 24<sup>th</sup> & 25<sup>th</sup> and over West Madhya Pradesh 25<sup>th</sup> & 26<sup>th</sup> July, 2022.
- Widespread rainfall very likely over Odisha, Jharkhand and Andaman & Nicobar Islands on 23<sup>rd</sup> & 24<sup>th</sup>; over West Bengal & Sikkim during 23<sup>rd</sup>-25<sup>th</sup> July and scattered to fairly widespread over Bihar during next 5 days.
  - ✓ **Isolated very heavy rainfall** also likely over Odisha on 23<sup>rd</sup> July, 2022.
  - ✓ **Isolated heavy rainfall** very likely over Odisha on 24<sup>th</sup> & 25<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim 23<sup>rd</sup> & 27<sup>th</sup>; Gangetic West Bengal on 24<sup>th</sup>; Andaman & Nicobar Islands on 23<sup>rd</sup> & 24<sup>th</sup> and over Bihar on 27<sup>th</sup> July, 2022.
- Fairly widespread light/moderate rainfall with **heavy falls** very likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 5 days.

For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

## Rainfall (in cm):

- ❖ **Telangana:** Devaruppal (dist Jangaon) 24, Venkatapuram (dist Mulugu) 23, Chegunta (dist Medak) 23, Medak (dist Medak) 19, Medak(arg) (dist Medak) 19, Naga Reddipet (dist Kamareddy) 19, Kodakandla (dist Jangaon) 19, Narsapur (dist Medak) 17, Kowdipalle (dist Medak) 17, Jangaon (dist Jangaon) 16, Regode (dist Medak) 15, Jogipet (dist Sangareddy) 15, Wargal (dist Siddipet) 15, Tekmal (dist Medak) 15, Ramayampet (dist Medak) 15, Hathanoora (dist Sangareddy) 15, Papannapet (dist Medak) 14, Palakurthi (dist Jangaon) 14, Doultabad (dist Siddipet) 13, Bachhanpet (dist Jangaon) 13, Narmetta (dist Jangaon) 13, Narayankhed (dist Sangareddy) 13, Dindigul (dist M. Malkajgiri) 13, Raghunathpalle (dist Jangaon) 13, Kusumanchi (dist Khammam) 13, Parvathagiri (dist Warangal\_rural) 12, Kukatpally Jntu(arg) (dist M. Malkajgiri) 12, Tadwai Mlg (dist Mulugu) 12, Jagadevpur (dist Siddipet) 12, Alladurg (dist Medak) 12, Hakimpet Iaf (dist M. Malkajgiri) 12, Gajwel (dist Siddipet) 11, Manuguru (dist B. Kothagudem) 11, Chevella (dist Rangareddy) 11, Khanapur (dist Warangal\_rural) 11, Lingampet (dist Kamareddy) 11, Yellareddy (dist Kamareddy) 11, Pegadapalle (dist Jagtial) 10, Mallapur (dist Jagtial) 10, Khanpur (dist Nirmal) 10, Pinapaka (dist B. Kothagudem) 10, Gudurwrgl (dist Mahabubabad) 9, Kondapak (dist Siddipet) 9, Kondapur (dist Sangareddy) 9, Huzur Nagar (dist Suryapet) 9;
- ❖ **Chhattisgarh:** Bastar (dist Bastar) 17, Bijapur (dist Bijapur) 14, Gidam (dist Dantewada) 13, Dantewara (dist Dantewada) 12, Bhairamgarh (dist Bijapur) 10, Kartala (dist Korba) 9, Nagari (dist Dhamtari) 9, Lohandiguda (dist Bastar) 8, Tokapal (dist Bastar) 8, Bakavand (dist Bastar) 7;
- ❖ **West Madhya Pradesh:** Bhind: Gormi-15, Rajgarh: Biaora-13, Vidisha: Ganjbasoda-12;
- ❖ **East Rajasthan:** Kota: Ladpura-13, Jaipur: Jaipur Tehsil-10, Tonk: Deoli-9, Jhalawar: Bakani-9;
- ❖ **Jammu & Kashmir:** Kathua: Kathua-12, Reasi: Katra-7;
- ❖ **Coastal Andhra Pradesh & Yanam:** Atchampet (dist Guntur) 11, Avanigada (dist Krishna) 9, Yanam (dist Yanam) 8, Repalle (dist Guntur) 7, Guntur (dist Guntur) 7, Mangalagiri (dist Guntur) 7, Amaravati (dist Guntur) 7;
- ❖ **North Interior Karnataka:** Bidar Pto (dist Bidar) 10, Bidar (dist Bidar) 9, Raddewadgi Arg (dist Kalaburgi) 6, Bhalki (dist Bidar) 6;
- ❖ **Arunachal Pradesh:** Tirap: Deomali-10,
- ❖ **Tamil Nadu:** Tiruvadana (dist Ramanathapuram) 9, Illayangudi (dist Sivaganga) , Mudukulatur (dist Ramanathapuram) , Kallikudi (dist Madurai), Muthupet (dist Tiruvarur) 7 each;
- ❖ **East Madhya Pradesh:** Panna: Raipura-9, Mandla: Mohgaon-9, Chidwara: rehli-8;
- ❖ **Marathawada:** Umarga (dist Osmanabad) 8;
- ❖ **Odisha:** Ganjam: Chhatrapur-9, Angul: Athmalik-8, Bolangir: Khaprakhhol-8, Balasore: Bahanga-7
- ❖ **Himachal Pradesh:** Chamba: Kheri-8;
- ❖ **Sikkim:** South Sikkim: Damthang-7;
- ❖ **Uttarakhand:** Garhwal tehri: Keertinagar-7;
- ❖ **Haryana-Chandigarh:** Dadri Toye Edu Fmo (dist Jhajjar) 7, Loharu (dist Bhiwani) 7;



## EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

**i) Isolated very heavy rainfall** over Gujarat Region, Rajasthan, East Madhya Pradesh, Chhattisgarh, Odisha, Vidarbha and Coastal Andhra Pradesh on 23<sup>rd</sup> and Saurashtra & Kutch and West Madhya Pradesh on 23<sup>rd</sup> & 24<sup>th</sup> July, 2022.

**ii) Isolated extremely heavy rainfall** over Telangana during 23<sup>rd</sup>-25<sup>th</sup> 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)



Heavy Rain



Strong Winds

### 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



Thunderstorm with Lightning



Heat Wave