



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

**Press Release  
Date: 06<sup>th</sup> August, 2022  
Time of Issue: 1400 hrs IST**

**Subject: (i) Intense rainfall activity likely to continue over South & Coastal Karnataka, Konkan & Goa, Odisha during next 5 days with extremely heavy rainfall likely over south Karnataka today, Konkan & Goa during 8<sup>th</sup>-10<sup>th</sup> August and Odisha on 8<sup>th</sup> & 9<sup>th</sup> August 2022.**

**(ii) Intense rainfall activity likely to commence over Madhya Maharashtra, Telangana, Chhattisgarh from today, over Vidarbha from 7<sup>th</sup> August, Gujarat State, West Madhya Pradesh, Gangetic West Bengal from 8<sup>th</sup> August with extremely heavy rainfall over Madhya Maharashtra during 8<sup>th</sup>- 10<sup>th</sup> August, Telangana and Chhattisgarh on 8<sup>th</sup> & 9<sup>th</sup> August, East Madhya Pradesh on 9<sup>th</sup> August and Vidarbha on 10<sup>th</sup> August 2022.**

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

- **Heavy to very heavy rainfall with extremely heavy falls** occurred at isolated places over Tamilnadu, South Interior Karnataka; **heavy to very heavy rainfall** at isolated places over Sub-Himalayan West Bengal, Konkan & Goa, Saurashtra & Kutch, Odisha, Coastal Karnataka and Tripura & Mizoram and **heavy rainfall** at isolated places over Himachal Pradesh, Haryana, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Vidarbha, Gujarat Region, Chhattisgarh, Andaman & Nicobar Islands, Assam, Sikkim, Madhya Maharashtra, Telangana and Kerala. **(Annexure I).**

**Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)**

- The monsoon trough is active and lies south of its normal position. It will continue to remain so during next 4-5 days.
- A cyclonic circulation lies over northwest Bay of Bengal & neighbourhood and extends middle tropospheric levels tilting southwestwards with height. Under its influence, a Low Pressure Area is likely to form over the same region during next 24 hours. It is likely to become more marked during subsequent 24 hours and gradually move westwards.
- A cyclonic circulation lies over central parts of eastcentral & adjoining northeast Arabian Sea between 3.1 km & 5.8 km above mean sea level.
- An offshore trough at mean sea level runs from south Maharashtra coast to north Kerala coast.

**Under the influence of above systems:**

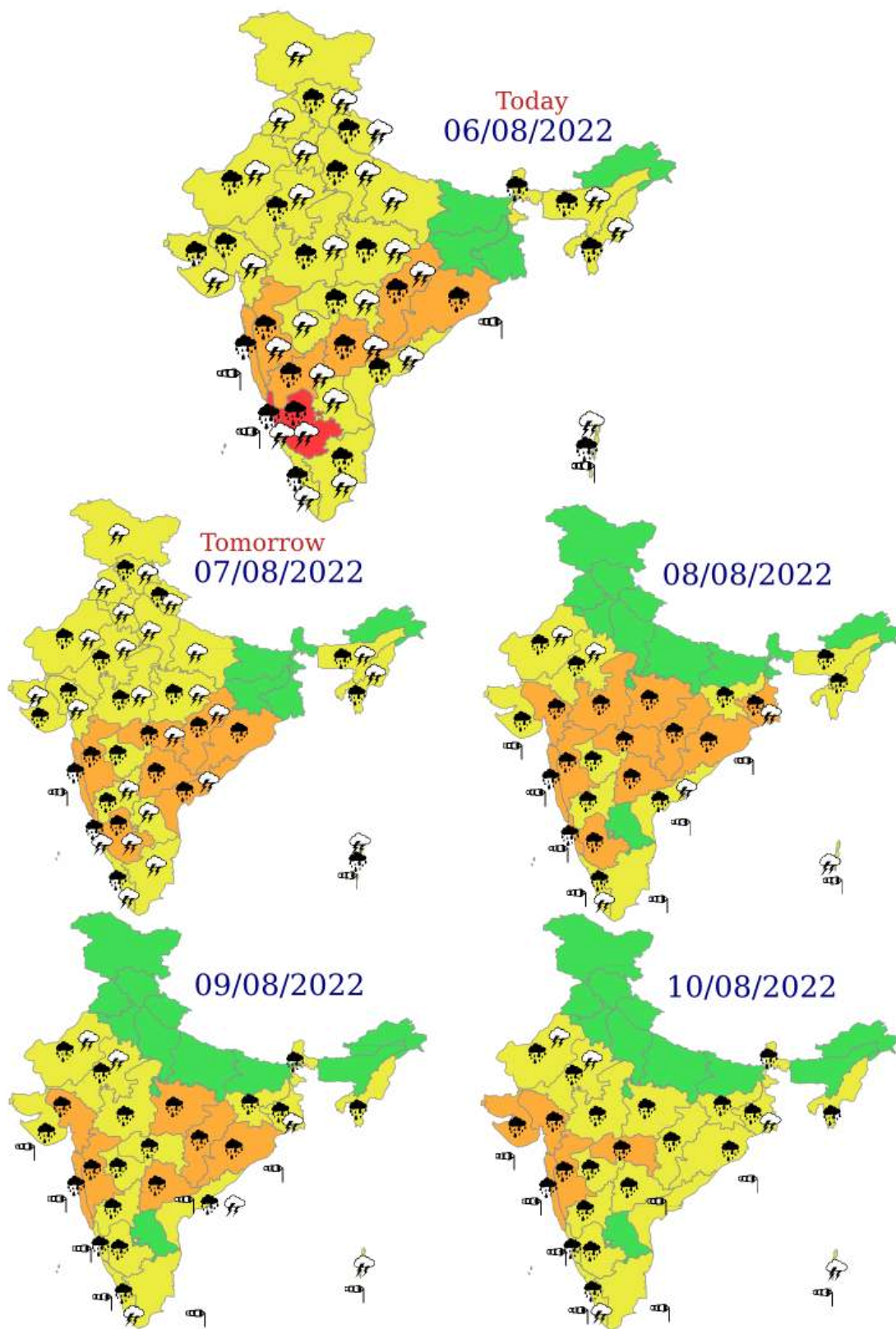
- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Vidarbha on 06<sup>th</sup>; Gujarat State, Madhya Pradesh on 06<sup>th</sup> & 07<sup>th</sup>; Marathwada on 07<sup>th</sup> & 08<sup>th</sup> August, 2022.
  - ✓ **Isolated very heavy rainfall also likely over Konkan & Goa and ghat areas of Madhya Maharashtra on 06<sup>th</sup> & 07<sup>th</sup>; West Madhya Pradesh during 08<sup>th</sup>-10<sup>th</sup>; East Madhya Pradesh on 08<sup>th</sup> & 10<sup>th</sup>; Vidarbha during 07<sup>th</sup>-09<sup>th</sup>; Chhattisgarh on 06<sup>th</sup>, 09<sup>th</sup> & 10<sup>th</sup>; Gujarat Region on 08<sup>th</sup>; Saurashtra & Kutch on 08<sup>th</sup> & 09<sup>th</sup>; Marathwada on 09<sup>th</sup> & 10<sup>th</sup> August, 2022.**
  - ✓ **Isolated/scattered extremely heavy rainfall also likely over East Madhya Pradesh on 09<sup>th</sup>; Vidarbha on 10<sup>th</sup>; Chhattisgarh on 08<sup>th</sup> & 09<sup>th</sup>; Konkan & Goa and ghat areas of Madhya Maharashtra during 08<sup>th</sup>-10<sup>th</sup>; Gujarat Region on 09<sup>th</sup> & 10<sup>th</sup>; Saurashtra & Kutch on 10<sup>th</sup> August, 2022.**
- Fairly widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Sub-Himalayan West Bengal & Sikkim on 06<sup>th</sup>, 09<sup>th</sup> & 10<sup>th</sup>; Jharkhand during 08<sup>th</sup>-10<sup>th</sup>; Odisha on 10<sup>th</sup> and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 06<sup>th</sup>-10<sup>th</sup> August, 2022.

- ✓ **Isolated very heavy rainfall also likely over Odisha on 06<sup>th</sup> & 07<sup>th</sup> and over Gangetic West Bengal during 08<sup>th</sup>-10<sup>th</sup> August, 2022.**
- ✓ **Isolated extremely heavy rainfall also likely over Odisha on 08<sup>th</sup> & 09<sup>th</sup> August, 2022.**
- Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal on 06<sup>th</sup>; Coastal Andhra Pradesh & Yanam on 06<sup>th</sup>, 08<sup>th</sup> & 09<sup>th</sup>; North Interior Karnataka during 07<sup>th</sup>-10<sup>th</sup>; Telangana on 10<sup>th</sup> and over Kerala & Mahe during 06<sup>th</sup> -10<sup>th</sup> August, 2022.
  - ✓ **Isolated very heavy rainfall likely over North Interior Karnataka on 06<sup>th</sup>; Coastal Andhra Pradesh on 07<sup>th</sup>; Telangana on 06<sup>th</sup> & 07<sup>th</sup>; Coastal & South Karnataka during 07<sup>th</sup>-10<sup>th</sup> August, 2022.**
  - ✓ **Isolated extremely heavy rainfall also likely over Coastal & South Interior Karnataka on 06<sup>th</sup> and over Telangana on 8<sup>th</sup> & 9<sup>th</sup> August, 2022.**
- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over West Uttar Pradesh on 06<sup>th</sup>; Himachal Pradesh & Uttarakhand on 06<sup>th</sup> & 07<sup>th</sup> Rajasthan during 06<sup>th</sup>-10<sup>th</sup> August, 2022.
  - ✓ **Isolated very heavy rainfall also likely over East Rajasthan on 09<sup>th</sup> & 10<sup>th</sup> August, 2022.**

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):**

- ❖ **Tami Nadu:** The Nilgiris: Avalanche-32, Upperbhavani-20, Taluk Office Pandalur-14, Harisan Estate Cherumulli-9, Coimbatore: Chinnakalar-8;
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 21, Bhagamandala (dist Kodagu) 13, Murnadu (dist Kodagu) 12, Sringeri Hms (dist Chikkamagaluru) 12, Napoklu (dist Kodagu) 11, Somwarpet (dist Kodagu) 9, Koppa (dist Chikkamagaluru) 9, Hunchadakatte (dist Shivamogga) 7;
- ❖ **Mizoram & Tripura:** Kamalpur-17; Mamit & Kolasib-9 each, Dharamanagar & Lunglei-8, Kanchanpur, Kailashahar & Champai-7 each;
- ❖ **Coastal Karnataka:** Gokarna (dist Uttara Kannada) 16, Ankola (dist Uttara Kannada) 16, Nilkund Arg (dist Uttara Kannada) 15, Karwar Obsy (dist Uttara Kannada) 15, Udupi (dist Udupi) 13, Honavar Obsy (dist Uttara Kannada) 13, Gersoppa (dist Uttara Kannada) 13, Kumta (dist Uttara Kannada) 13, Kadra (dist Uttara Kannada) 10, Kota (dist Udupi) 10, Siddapur (dist Uttara Kannada) 9, Siddapura Arg (dist Udupi) 9, Mulki (dist Dakshina Kannada) 9, Belthangadi (dist Dakshina Kannada) 9, Mangaluru Ap Obsy (dist Dakshina Kannada) 9, Dharmasthala (dist Dakshina Kannada) 8, Panambur Obsy (dist Dakshina Kannada) 8;
- ❖ **Odisha:** Koraput-15, Malkangiri-11, Puri-8,
- ❖ **Saurashtra & Kutch:** Surendranagar (dist Surendranagar) 14, Wadhvan (dist Surendranagar) 12, Dhrangadhra (dist Surendranagar) 11, Botad (dist Botad) 9, Gadhda (dist Botad) 9, Una (dist Gir Somnath) 9, Vallabhipur (dist Bhavnagar) 7;
- ❖ **Konkan & Goa:** Lanja (dist Ratnagiri) 13, Rameshwar\_agri (dist Sindhudurg) 11, Roha (dist Raigad) 10, Malvan (dist Sindhudurg) 9, Guhagarh (dist Ratnagiri) 8, Sawantwadi (dist Sindhudurg) 7, Sangameshwar Devrukh (dist Ratnagiri) 7;
- ❖ **Sub-Himalayan West Bengal:** Champasari:12, Bagdogra: 19,Jhallong, Rongo:11, Sevoke: 10;
- ❖ **Sikkim:** Soren ARG: 11; Ravangla: 7; Yuksom: 6; Shipgyer: 5;
- ❖ **West Madhya Pradesh:** Indore (dist Indore) 11, Karhal (dist Sheopur) 6;
- ❖ **Kerala & Mahe:** Vythiri (Wayanad district) 10, Kudulu (Kasaragod district) 9, Munnar (Idukki district) 7, Kannur Airport AWS & Mattannur ARG (Kannur district) 6 each;
- ❖ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 10, Daund (dist Pune) 9, Parner (dist Ahmednagar) 5;
- ❖ **Telangana:** Madhira (dist Khammam) 10, Aswapuram (dist B. Kothagudem) 6;
- ❖ **East Uttar Pradesh:** Varanasi-9, Gorakhpur: Bansgaon-8, Maharajganj-7;
- ❖ **East Rajasthan:** Bharatpur: Deeg-8, Kota-8;
- ❖ **Vidarbha:** Katol (dist Nagpur) 8, Narkheda (dist Nagpur) 7, Ramtek (dist Nagpur) 7;
- ❖ **Himachal Pradesh:** Bilaspur-8, Mandi-7;
- ❖ **Chhattisgarh:** Lohandiguda (dist Bastar) 7, Katekalyan (dist Dantewada) 6;
- ❖ **Gujarat Region:** Mahudha (dist Kheda) 7, Jotana (dist Mehsana) 6;
- ❖ **Andaman & Nicobar Islands:** Long island : 7, Mayabunder : 4;
- ❖ **East Madhya Pradesh:** Junnardeo (dist Chindwara) 7;
- ❖ **Assam:** Hailkandi-7;
- ❖ **Haryana:** Samalkha (dist Panipat) 7, Sohana (dist Gurgaon) 7, Ganaur (dist Sonapat) 7, Sonapat (dist Sonapat) 5;



## EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

**Isolated extremely heavy rainfall** over Coastal & South Interior Karnataka on 06<sup>th</sup> and over Odisha, Chhattisgarh & Telangana on 8<sup>th</sup> & 9<sup>th</sup>, East Madhya Pradesh on 09<sup>th</sup>; Vidarbha on 10<sup>th</sup>; Konkan & Goa and ghat areas of Madhya Maharashtra during 08<sup>th</sup>-10<sup>th</sup>; Gujarat Region on 09<sup>th</sup> & 10<sup>th</sup>; Saurashtra & Kutch on 10<sup>th</sup> August, 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