



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 03rd August, 2022
Time of Issue: 1250 hrs IST

Subject: (i) Enhanced rainfall activity likely to continue over South Peninsula during next 3 days.
(ii) Subdued rainfall activity over Central parts of the country is likely to continue till 04th August & gradually increase thereafter.

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

- **Heavy to very heavy rainfall** occurred at isolated places over Uttarakhand, East Uttar Pradesh, East Rajasthan, Coastal Andhra Pradesh, Telangana, Odisha, South Interior Karnataka, Mizoram and Rayalaseema and **heavy rainfall** at isolated places over West Uttar Pradesh, West Rajasthan, Chhattisgarh, West Madhya Pradesh, Assam, Gangetic West Bengal, Andaman & Nicobar Islands, Kerala, Lakshadweep and Tamil Nadu. (**Annexure I**).

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

- A shear zone runs roughly along 11°N over South Peninsular India in middle tropospheric levels. It is likely to shift gradually northwards during next 3-4 days.
- A cyclonic circulation lies over Westcentral & adjoining Southwest Bay of Bengal off south Andhra Pradesh-north Tamil Nadu coasts in lower tropospheric levels.
- The western end of monsoon trough at mean sea level lies north of its normal position and its eastern end near its normal position. The monsoon trough is very likely to be near normal or south of its normal position from 05th August onwards.
- **Under the influence of above system:**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Lakshadweep on 03rd & 04th; south Coastal Andhra Pradesh & Yanam on 03rd, 06th & 07th; Tamil Nadu, Puducherry & Karaikal during 04th-07th and over Telangana, Karnataka, and Kerala & Mahe during 03rd-07th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over Rayalaseema on 03rd & 04th; Coastal & South Interior Karnataka on 03rd & 06th; North Interior Karnataka on 04th & 05th; Kerala & Mahe during 03rd-05th; ghat areas of Tamil Nadu on 05th and over Telangana on 03rd, 06th & 07th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over ghat areas of Tamil Nadu on 03rd & 04th and over Coastal & South Interior Karnataka on 04th & 05th August, 2022.**
 - Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Chhattisgarh & Vidarbha during 05th-07th; Madhya Pradesh on 06th & 07th; Marathwada on 05th & 06th; Konkan & Goa during 03rd-07th and over Madhya Maharashtra during 04th-07th August, 2022.
 - ✓ **Isolated/scattered very heavy rainfall also likely over Chhattisgarh on 07th and over Konkan & Goa during 05th-07th August, 2022.**
 - Fairly widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Gangetic West Bengal & Arunachal Pradesh on 03rd; Bihar 03rd & 04th; Sub-Himalayan West Bengal & Sikkim on 03rd & 05th; and Odisha during 05th-07th; Nagaland, Manipur, Mizoram & Tripura during 03rd-05th and over Assam & Meghalaya during 03rd-06th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over Odisha on 07th August, 2022.**

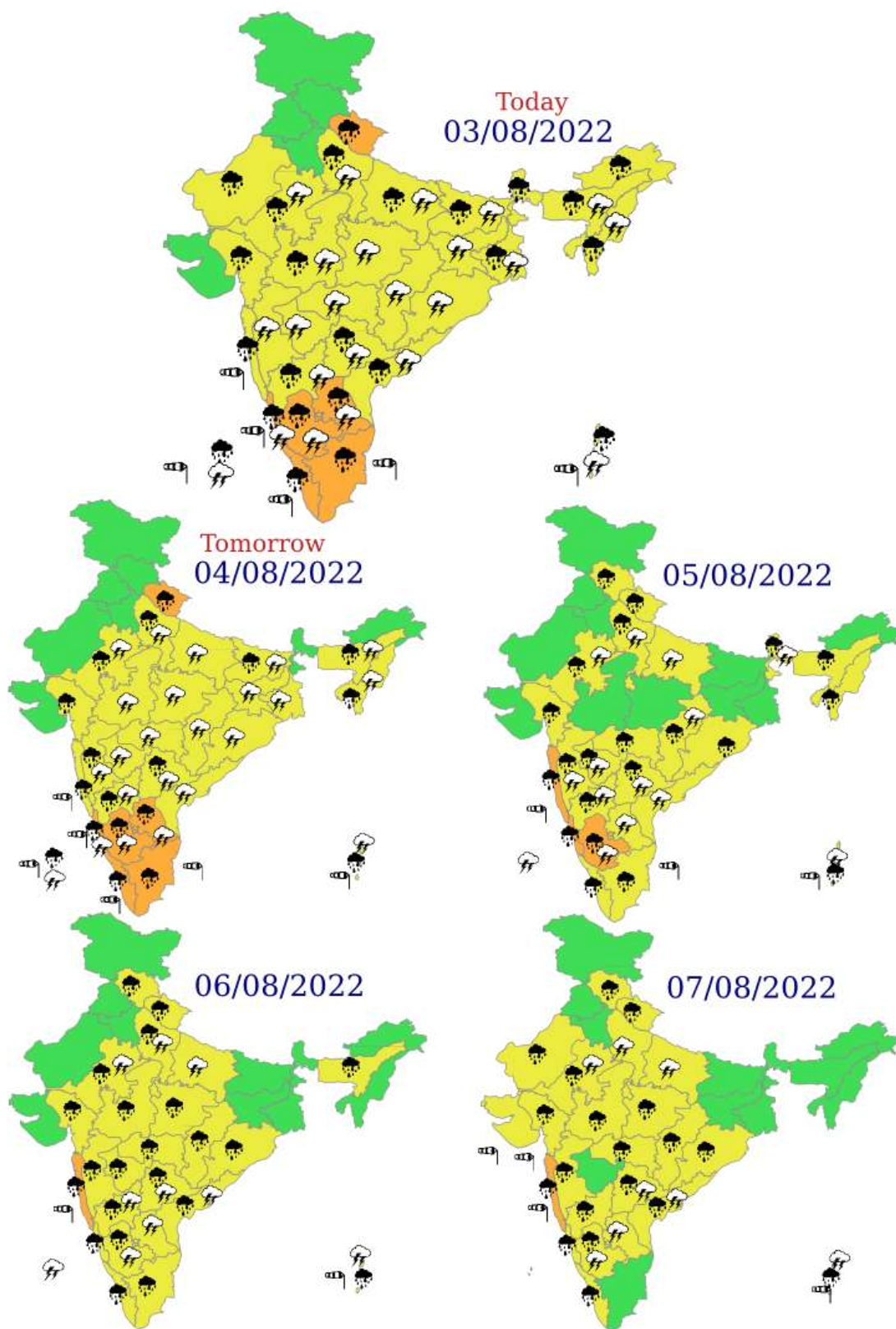
- Fairly widespread/widespread rainfall with **thunderstorm/lightning** very likely over Himachal Pradesh, Uttarakhand, Uttar Pradesh, Punjab, Haryana-Chandigarh-Delhi and East Rajasthan during next 5 days.
- ✓ **Isolated heavy rainfall likely over West Uttar Pradesh, Uttarakhand and East Rajasthan during next 4-5 days and over Himachal Pradesh during 5th-7th; East Uttar Pradesh on 3rd and West Rajasthan on 3rd & 7th August.**
- ✓ **Isolated very heavy rainfall also likely over Uttarakhand on 3rd & 4th and over East Rajasthan on 6th & 07th August, 2022.**

For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Annexure I

Rainfall (in cm):

- ❖ **Uttarakhand:** Bageshwar: Loharkhet-19, Udham Singh nagar: Khatima-12, Pithoragarh: Munsiyari-11, Garhwal Tehri: Narendranagar-9, Champawat: Banbasa-8, Dehradun-7;
- ❖ **Coastal Andhra Pradesh:** Nuzvid (dist Krishna) 14, Santhamaguluru (dist Prakasam) 11, Koyyalagudem (dist West Godavari) 11, Veeraghattam (dist Srikakulam) 7, Chintalapudi (dist West Godavari) 7;
- ❖ **East Rajasthan:** Sirohi: Mount Abu-13, Pratapgarh: Arnod-12, Dungarpur: Nithuwa-7;
- ❖ **Telangana:** Hanamkonda (dist Warangal_urban) 13, Dharmasagar (dist Warangal_urban) 10, Julurpad (dist B. Kothagudem) 10, Chandrugonda (dist B. Kothagudem) 9, Bayyaram (dist Mahabubabad) 8, Malyal (dist Mahabubabad) 7, Bejjanki (dist Siddipet) 7, Bheemadevarpalle (dist Warangal_urban) 7, Tekulapalle (dist B. Kothagudem) 7, Yellandu (dist B. Kothagudem) 7, Enkuru (dist Khammam) 7, Chigurumamidy (dist Karimnagar) 7;
- ❖ **Rayalaseema:** Devanakonda (dist Kurnool) 12, Kambadur (dist Anantapuramu) 8, Dharmavaram (dist Anantapuramu) 8, Rolla (dist Anantapuramu) 7, Nallamada (dist Anantapuramu) 7, Bathalapalle (dist Anantapuramu) 7, Ramagiri (dist Anantapuramu) 7;
- ❖ **Odisha:** Dhenkanal: Kamakhyanager-12, Altuma-10,
- ❖ **East Uttar Pradesh:** Basti: Haraiya-12, Balrampur-7;
- ❖ **South Interior Karnataka:** Y N Hoskote (dist Tumakuru) 12, Bhagamandala (dist Kodagu) 11, Virajpet (dist Kodagu) 10, Bengaluru Kial Obsy (dist Bengaluru Urban) 8, Mandya Pto (dist Mandya) 8, Midigeshi (dist Tumakuru) 8, Magadi (dist Ramanagara) 8, Sravanabelagola (dist Hassan) 7, Bengaluru Hal Ap Obsy (dist Bengaluru Urban) 7, Thondebhavi (dist Chikaballapura) 7, Hoskote (dist Bengaluru Rural) 7, Malavalli (dist Mandya) 7;
- ❖ **Mizoram:** Aizwal-12;
- ❖ **Coastal Karnataka:** Mulki (dist Dakshina Kannada) 11;
- ❖ **Tamil Nadu:** Tiruvallur: Tiruttani-11, Coimbatore: Chinnakalar-9, Dharmapuri: Palacode-8, Marandahalli -7;
- ❖ **West Uttar Pradesh:** Bareilly: Baheri-10;
- ❖ **Chhattisgarh:** Bastanar (dist Bastar) 9, Lohandiguda (dist Bastar) 7, Bakavand (dist Bastar) 5;
- ❖ **Kerala:** Kozhikode; Amini (Lakshadweep UT) 9 each, Idukki 8, Punalur & Thenmala ARG (both in Kollam district) & Neryamangalam ARG (Ernakulam district) 7 each;
- ❖ **Andaman & Nicobar Islands:** IAF carnicobar, Long island : 9, Carnicobar : 8, PortBlair : 6, Hut Bay : 5;
- ❖ **West Madhya Pradesh:** Shivpuri (dist Shivpuri) 8, Susner (dist Agar-malwa) 5;
- ❖ **Gangetic West Bengal:** Dumdum-8;
- ❖ **Assam:** Golaghat & Guwahati -8 each;
- ❖ **West Rajasthan:** Nagaur: Didwana-7;



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

i) Isolated extremely heavy rainfall over ghat areas of Tamil Nadu on 03rd & 04th and over Coastal & South Interior Karnataka on 04th & 05th August, 2022.
2022.

ii) Isolated very heavy rainfall over Rayalaseema on 03rd & 04th; Coastal & South Interior Karnataka on 03rd & 06th; North Interior Karnataka on 04th & 05th; Kerala & Mahe during 03rd-05th; ghat areas of Tamil Nadu on 05th and over Telangana on 03rd, 06th & 07th Chhattisgarh & Odisha on 07th and over Konkan & Goa during 05th-07th 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)



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

