



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 29th August, 2022
Time of Issue: 1245 hrs IST

Subject: (i) Heavy rainfall spell over South Peninsular India, Bihar, Sub-Himalayan West Bengal-Sikkim and Northeast India during next 5 days.
(ii) Subdued rainfall activity over Northwest & Central India during next 5 days.

Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annex. I)

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

- The monsoon trough at mean sea level runs close to foothills of the Himalayas.
- A cyclonic circulation lies over north Jharkhand in lower tropospheric levels.
- A cyclonic circulation lies over south Coastal Andhra Pradesh in lower & middle tropospheric levels.
- A trough runs from Southeast Bay of Bengal to cyclonic circulation over south Coastal Andhra Pradesh in lower tropospheric levels.
- **Under the influence of the above systems:**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Nagaland, Manipur, Mizoram & Tripura during 31st August-02nd September and over Arunachal Pradesh and Assam & Meghalaya during next 5 days. **Isolated very heavy rainfall also likely over Arunachal Pradesh and Assam & Meghalaya during 31st August-02nd September, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over East Madhya Pradesh & north Chhattisgarh and Jharkhand on 29th; Bihar during 29th August-01st September and over Sub-Himalayan West Bengal & Sikkim during next 5 days. **Isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim during 30th August-01st September, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Jammu & Kashmir and Himachal Pradesh on 29th August and over Uttarakhand on 29th, 31st August & 01st September 2022. **Isolated very heavy rainfall also likely over Uttarakhand on 29th August, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Coastal Andhra Pradesh, Telangana and Rayalaseema on 29th; North Interior Karnataka on 29th & 30th; Tamil Nadu during 29th August-01st September; Lakshadweep on 01st-02nd September and over Coastal & South Interior Karnataka and Kerala & Mahe during next 5 days. **Isolated very heavy rainfall also likely over Kerala & Mahe on 29th August, 2022.**

For more details kindly refer:

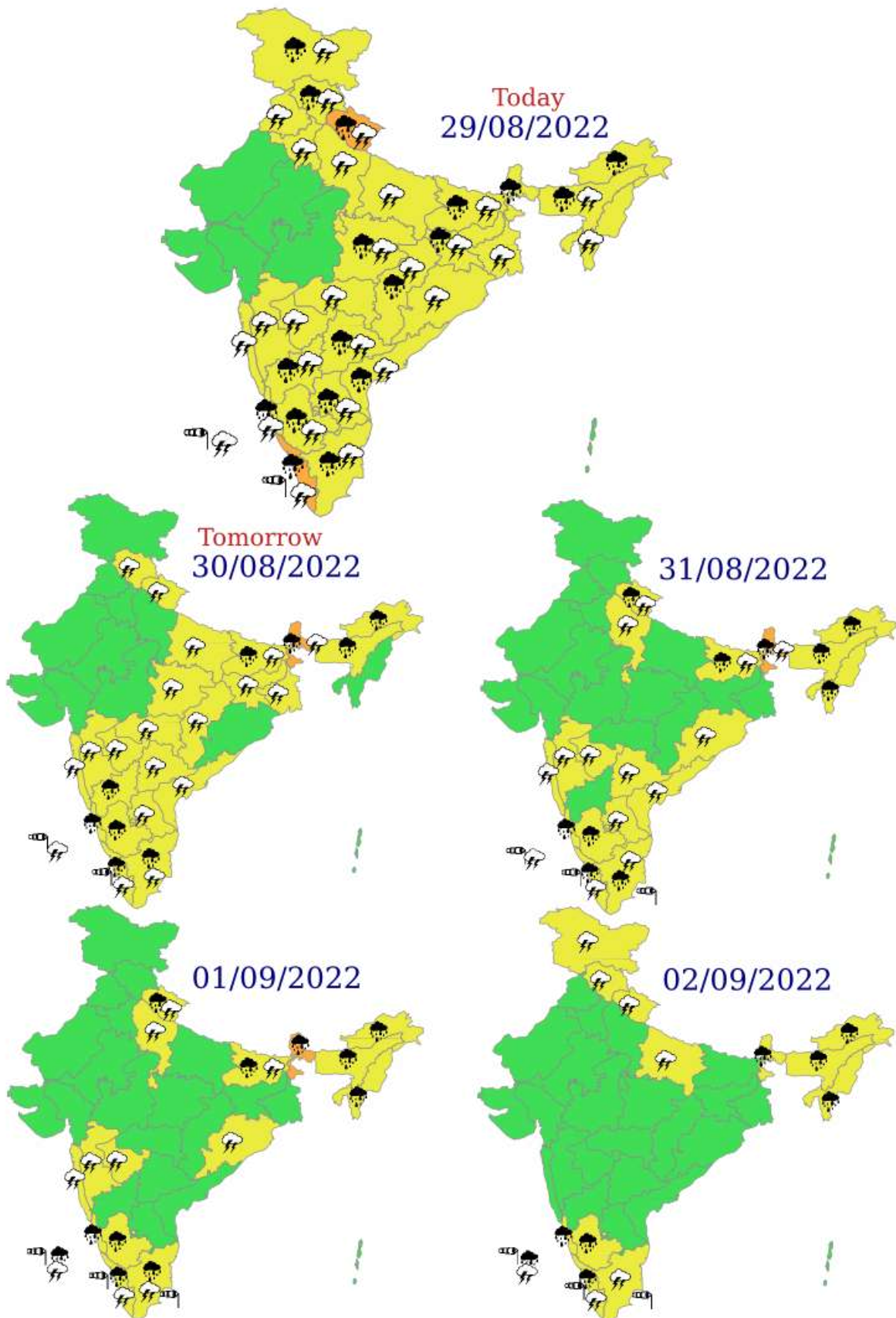
https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Extremely heavy rainfall occurred at isolated places over South Interior Karnataka; **very heavy rainfall** over Arunachal Pradesh, Uttarakhand, Bihar, Odisha, Jharkhand, Sub-Himalayan West Bengal, Tamil Nadu and Kerala and **heavy rainfall** over East Uttar Pradesh, East Madhya Pradesh, Chhattisgarh, Assam, Coastal Karnataka, North Interior Karnataka, Gangetic West Bengal, Rayalaseema, Telangana and Coastal Andhra Pradesh.

Rainfall (in cm):

- ❖ **South Interior Karnataka:** Bhagamandala (dist Kodagu) 21, Kollegal (dist Chamarajanagar) 7;
- ❖ **Tamilnadu:** Rasipuram (dist Namakkal) 20, Ponnaniyar Dam (dist Trichy), Pandavaiyar (dist Tiruvarur), Vathalai Anaicut (dist Trichy), Nannilam (dist Tiruvarur), Ponneri (dist Tiruvallur), Ponnamaravathi (dist Pudukkottai), Kallaty (dist Nilgiris), Thiyagadurgam (dist Kallakurichi) 7 each;
- ❖ **Odisha:** Koraput: Kotpad-17, Keonjargarh: Ghasipura-12, Dhenkanal: Kamakhyanager-8, Altuma-8,
- ❖ **Sub-Himalayan West Bengal:** NAGRAKATA & BUXADUAR-17 each, JALPAIGURI-151, NEORA-14, DOMOHANI-13, NH – 31(ROAD BRIDGE)-12, JHALLONG-12, RONGO-9, DIANA-7;
- ❖ **Uttarakhand:** Dehradun: Mussorie-16, Haripur-14, Nainital: Haldwani-14, Garhwal Tehri: Narrendranagar-12, Bageshwar: Kapkot-10, Sama-8, Champawat: Banwasa-10, Pithoragarh: Dharchula & Didihat-7 each;
- ❖ **Bihar:** Kishanganj: Bahadurganj-16, Charghria-11, Araria: Jokihat-15, Purnea: Banmankhi-9, Supaul: Bhimnagar-8, Madhepura: Kumarkhand-7;
- ❖ **Arunachal Pradesh:** West Kameng: Bhalukpong-15,
- ❖ **Kerala:** Kurudamannil, VAZHAKUNNAM (both in Pathanamthitta district) 15, KUNNAMTHANAM (Pathanamthitta district) 13, Konni & RANNI (both in Pathanamthitta district) 11, Thodupuzha (Idukki district) 10, Kanjirappally (Kottayam district), UDUMBANNOOR IDUKKI district) 9, Anchal ARG (Kollam district) & Konni ARG (Pathanamthitta district) 8 each, Kottayam, Kozha (Kottayam district), Piravam (Ernakulam district), Ernakulam South & Seethathode AWS & ULANADU (both in Pathanamthitta district) 7 each;
- ❖ **Jharkhand:** Dhanbad: Papunki-12, Maithon-9, Dumka: Maharo-8, East Singhbhum: Jamshedpur Aero-7;
- ❖ **East Madhya Pradesh:** Dheemarkheda (dist Katni) 11, Channodi (dist Shahdol) 10, Lavkushnagar (dist Chhatarpur) 9, Bahoriband (dist Katni) 9, Kumdam (dist Jabalpur) 9, Vijayraghogarh (dist Katni) 8, Sihora (dist Jabalpur) 8, Ramnagar (dist Satna) 8, Maihar (dist Satna) 8, Majholi (dist Jabalpur) 7;
- ❖ **North Interior Karnataka:** Shirahatti (dist Gadag) 11, Lakshmeswar (dist Gadag) 11, Savanur (dist Haveri) 9;
- ❖ **Chhattisgarh:** Jashpurnagar (dist Jashpur) 10, Kota (dist Bilaspur) 8, Kusmi (dist Balrampur) 7, Dhamtari (dist Dhamtari) 7;
- ❖ **Assam:** Dhemaji-9;

- ❖ **East Uttar Pradesh:** Sonbhadra-9, Kheri-8;
- ❖ **Coastal Andhra Pradesh:** Koyyalagudem (dist West Godavari) 9;
- ❖ **Gangetic West Bengal:** Tarakeshwar: 8;
- ❖ **Rayalaseema:** Kuppam (dist Chittoor) 8, Singanamala (dist Anantapuramu) 7;
- ❖ **Coastal Karnataka:** Banavasi (dist Uttara Kannada) 7;
- ❖ **Telangana:** Mothey (dist Suryapet) 7;



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

Isolated very heavy rainfall over Uttarakhand and Kerala & Mahe on 29th; Sub-Himalayan West Bengal & Sikkim during 30th August-01st September; Arunachal Pradesh and Assam & Meghalaya during 31st August-02nd September 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 kutchra 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