



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 30th August, 2022
Time of Issue: 1215 hrs IST

Subject: (i) Heavy spell of rainfall likely to continue over South Peninsular India, Bihar, Sub-Himalayan West Bengal-Sikkim and Northeast India during next 5 days.
(ii) Subdued rainfall activity likely to continue 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 interior Tamil Nadu & neighbourhood in lower & middle tropospheric levels.
- A trough runs from the above cyclonic circulation over interior Tamilnadu & neighbourhood to west Vidarbha 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, Arunachal Pradesh and Assam & Meghalaya during next 5 days. **Isolated very heavy rainfall also likely over Arunachal Pradesh during 01st-04th September and Assam & Meghalaya during 02nd-04th September, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Bihar during 30th August-03rd September and over Sub-Himalayan West Bengal & Sikkim during next 5 days. **Isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim on 30th August & 01st September, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Himachal Pradesh on 04th September and over Uttarakhand on 02nd & 03rd September 2022.
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Telangana on 30th August; Coastal & North Interior Karnataka on during 30th August-02nd September; Lakshadweep on 01st & 02nd September and over Tamil Nadu, South Interior Karnataka and Kerala & Mahe during next 5 days. **Isolated very heavy rainfall also likely over Interior Karnataka, Tamil Nadu and Kerala & Mahe on 30th August, 2022.**

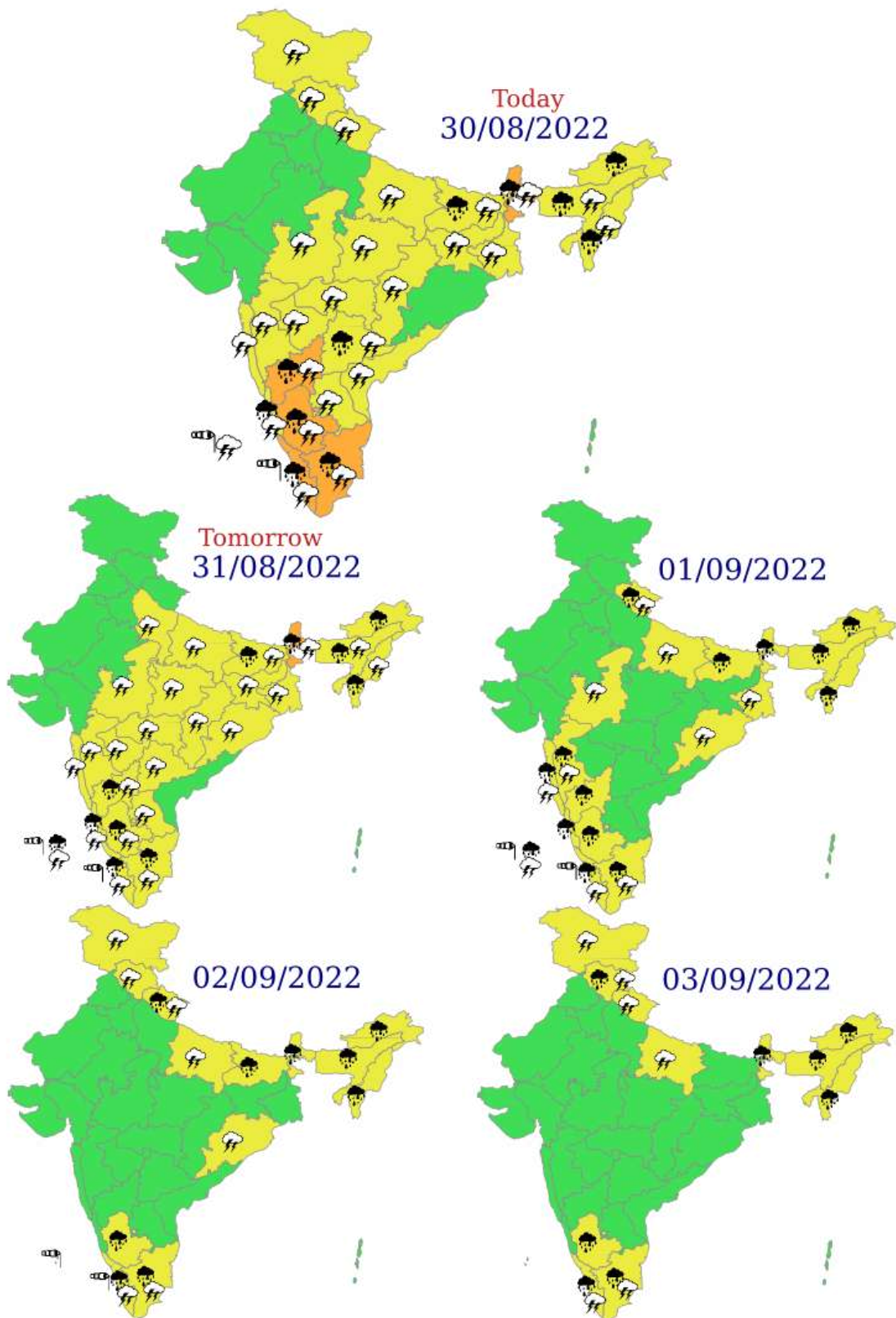
For more details kindly refer:

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

Very heavy rainfall occurred at isolated places over Telangana, Interior Karnataka and Kerala and **heavy rainfall** over West Rajasthan, Haryana, Uttar Pradesh, Madhya Pradesh, Bihar, Meghalaya, Sub-Himalayan West Bengal, Tamil Nadu and Rayalaseema.

Rainfall (in cm):

- ❖ **Kerala:** Mancompu (Alappuzha district) 20, Kumarakom & KUMARAKOM_AFMU (both in Kottayam district) 15, NOORANAD & THYCATTUSSERY (BOTH IN ALAPPUZHA dist), MULIYAR (KASARAGOD dist) 10 each, Mavelikkara & Kayamkulam (both in Alappuzha district), THIRUVALLA (Pathanamthitta dist), Poonjar AWS (Kottayam district) & Neryamangalam ARG (Ernakulam district) 9 each, ULANADU & VENKURINJI (both in pathanamthitta dist), CHOONDI (Ernakulam district) 8 each, LAHA(Pathanamthitta dist), UDUMBANNOOR(IDUKKI dist) 7 each;
- ❖ **North Interior Karnataka:** Guttal (dist Haveri) 20, Kalaburgi Obsy (dist Kalaburgi) 10, Munirabad (dist Koppal) 7;
- ❖ **Telangana:** Bhuvanagiri (dist Y. Bhuvanagiri) 17, Khanpur (dist Nirmal) 9, Govindaraopet (dist Mulugu) 9, Kondapak (dist Siddipet) 9, Laxmanchanda (dist Nirmal) 9, Yacharam (dist Rangareddy) 7, Yadagirigutta (dist Y. Bhuvanagiri) 7;
- ❖ **South Interior Karnataka:** Maddur (dist Mandya) 14, Bhadravathi (dist Shivamogga) 13, B Durga (dist Chitradurga) 13, Madhugiri (dist Tumakuru) 12, Devanahalli (dist Bengaluru Rural) 12, Uchangidurga (dist Davangere) 11, Hunchadakatte (dist Shivamogga) 11, Bengaluru City Obsy (dist Bengaluru Urban) 9, Bengaluru Kial Obsy (dist Bengaluru Urban) 9, Turuvekere (dist Tumakuru) 8, Doddaballapura (dist Bengaluru Rural) 8, Hesaraghatta (dist Bengaluru Urban) 7, Chitradurga Obsy (dist Chitradurga) 7, Nayakanahatty (dist Chitradurga) 7, Chikballapura (dist Chikaballapura) 7
- ❖ **Rayalaseema:** Gummagatta (dist Anantapuramu) 11, Amarapuram (dist Anantapuramu) 9, Rayadurg (dist Anantapuramu) 9, Gorantla (dist Anantapuramu) 7;
- ❖ **Bihar:** Kishanganj-11, Bhojpur & Madhubani-8 each;
- ❖ **Tamilnadu:** Hosur (dist Krishnagiri), Shanthi vijaya School, Masinakudi (dist Nilgiris) 10, Tirupathur (dist Sivagangai), Thalavadi (dist Erode) 9 each, Glenmorgan (dist Nilgiris) 8, Krishnagiri (dist Krishnagiri), Sathiar (dist Madurai) 7 each;
- ❖ **Meghalaya:** Baghmara-10, Williamnagar-9;
- ❖ **West Uttar Pradesh:** Badaun-8;
- ❖ **West Rajasthan:** Sriganganagar-7;
- ❖ **East Madhya Pradesh:** Mohkheda (dist Chindwara) 7, Sausar (dist Chindwara) 7;
- ❖ **West Madhya Pradesh:** Vidisha (dist Vidisha) 7;
- ❖ **Sub-Himalayan West Bengal:** Jayanti (Alipurduar)-7, RamshaiKVK (Jalpaiguri)- 7;
- ❖ **East Uttar Pradesh:** Barabanki-7;
- ❖ **Haryana:** Faridabad (dist Faridabad) 7.



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

Isolated very heavy rainfall over Interior Karnataka, Tamil Nadu and Kerala & Mahe on 30th August; Sub-Himalayan West Bengal & Sikkim on 30th August & 01st September; Arunachal Pradesh during 01st-04th September and over Assam & Meghalaya during 02nd-04th 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 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)



Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

