



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

**Press Release
Date: 05th August, 2022
Time of Issue: 1230 hrs IST**

**Subject: (i) Intense rainfall activity likely to continue over South Peninsula (Tamil Nadu, Kerala and Karnataka) during next 2 days and decrease thereafter.
(ii) Intense rainfall spells over Maharashtra & Goa, Telangana, Chhattisgarh and Odisha on 08th & 09th 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 and Telangana; **heavy to very heavy rainfall** at isolated places over East Rajasthan, West Madhya Pradesh, Andaman & Nicobar Islands, Gujarat Region, Marathwada, Coastal Andhra Pradesh, Interior Karnataka and Kerala and **heavy rainfall** at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, West Rajasthan, East Madhya Pradesh, Vidarbha, Chhattisgarh, Assam & Meghalaya, Madhya Maharashtra, Saurashtra & Kutch, Konkan & Goa, Rayalaseema, Coastal Karnataka and Lakshadweep (**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 Low Pressure Area is likely to form over Northwest & adjoining Westcentral Bay of Bengal around 07th August, 2022.
- A shear zone likely to form over north Peninsular India in middle tropospheric levels around 08th August, 2022.

Under the influence of above systems:

- Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal and Rayalaseema on 05th & 06th and over Telangana, Coastal & North Interior Karnataka, Coastal Andhra Pradesh & Yanam and Kerala & Mahe during 05th-09th and over South Interior Karnataka during 05th-08th August, 2022.
 - ✓ **Isolated very heavy rainfall likely over Karnataka on 05th & 06th; Tamilnadu and Kerala & Mahe on 05th; Telangana during 05th - 09th and Coastal Andhra Pradesh on 08th & 9th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Coastal & South Interior Karnataka on 05th and over Telangana on 8th & 9th August, 2022.**
- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Madhya Pradesh, Vidarbha, Chhattisgarh, Gujarat State, Madhya Maharashtra, Marathwada and Konkan & Goa during 05th-09th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over Madhya Pradesh and Saurashtra & Kutch on 08th & 09th; over Vidarbha, Chhattisgarh during 07th-09th; over Gujarat Region on 05th, 08th and 09th; over Konkan & Goa and ghat areas of Madhya Maharashtra during 05th-09th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Vidarbha and Gujarat Region on 9th; over Chhattisgarh, Konkan & Goa and ghat areas of Madhya Maharashtra on 08th & 09th August, 2022.**

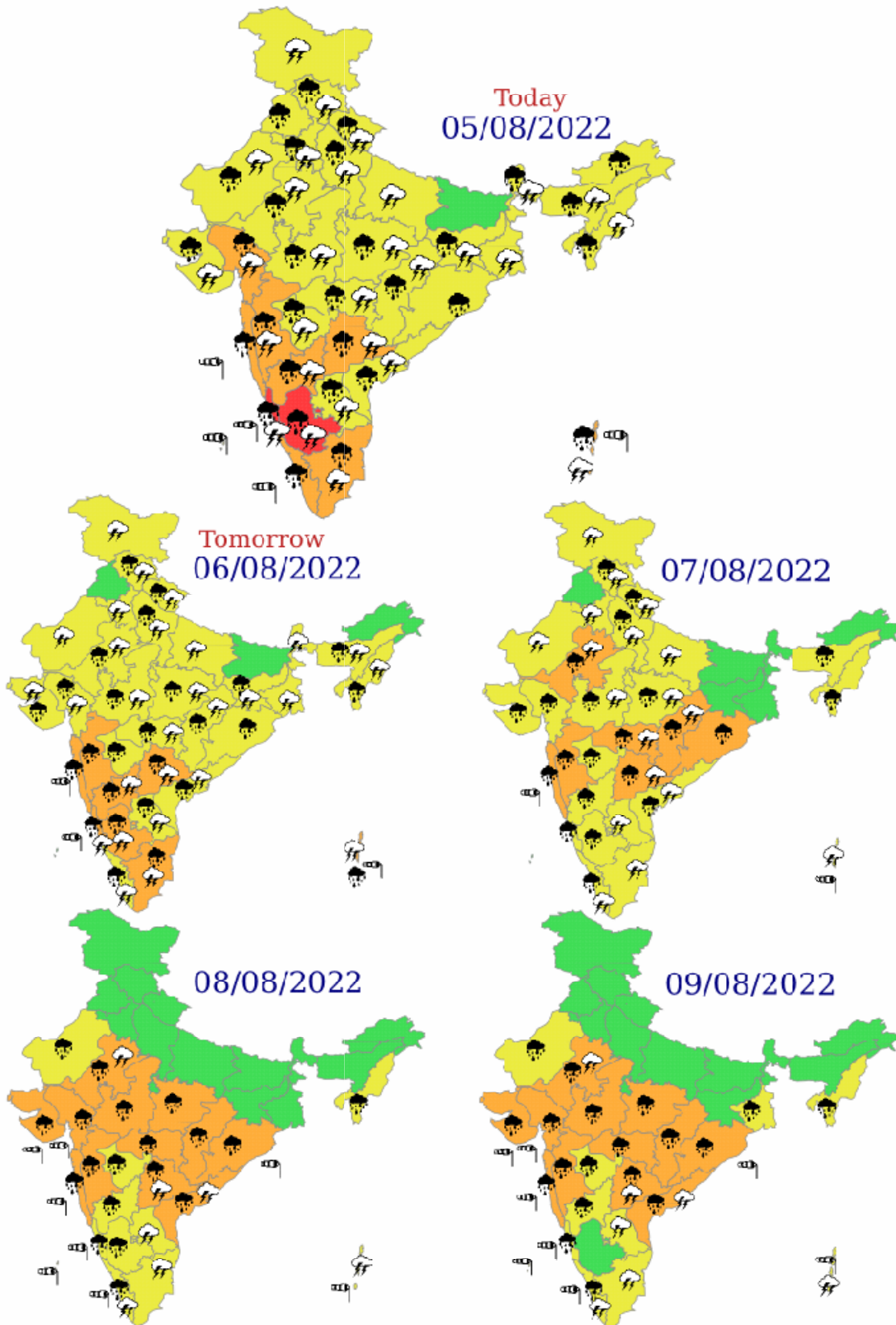
- Fairly widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh on 05th; over Jharkhand 05th & 06th and Odisha and Nagaland, Manipur, Mizoram & Tripura during 05th-09th; over Gangetic West Bengal on 09th and over Assam & Meghalaya during 05th -07th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over Odisha during 07th - 09th August, 2022.**
 - ✓ **Isolated extremely heavy rainfall also likely over Odisha on 08th & 09th August, 2022.**

- Fairly widespread/widespread rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Himachal Pradesh, West Uttar Pradesh and Uttarakhand during 05th-07th; over Jammu & Kashmir, Punjab, Haryana on 05th; over East Rajasthan during 05th – 09th and over West Rajasthan on 05th, 08th and 09th August, 2022.
 - ✓ **Isolated very heavy rainfall also likely over East Rajasthan during 07th - 09th August, 2022.**

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

Rainfall (in cm):

- ❖ **Gujarat Region:** Quant (dist Chhota Udepur) 16, Navasari_aws (dist Navsari) 13, Jalalpor (dist Navsari) 13, Vadali (dist Sabarkantha) 11, Kapadvanj (dist Kheda) 8, Palsana (dist Surat) 8, Surat_kvks Aws (dist Surat) 7, Daman_arg (dist Daman) 7, Navsari (dist Navsari) 7, Mahuva (dist Surat) 7;
- ❖ **Saurashtra & Kutch:** Gadhda (dist Botad) 9, Junagadh (dist Junagadh) 8, Talala (dist Gir Somnath) 7, Savarkundla (dist Amreli) 7;
- ❖ **Jammu & Kashmir:** Kathua: Rajhani-10;
- ❖ **Konkan & Goa:** Vasai (dist Palghar) 9, Lanja (dist Ratnagiri) 9, Guhagarh (dist Ratnagiri) 9, Mhasla (dist Raigad) 8, Mahad (dist Raigad) 8, Devgad (dist Sindhudurg) 7, Poladpur (dist Raigad) 7, Dapoli_agri (dist Ratnagiri) 7;
- ❖ **Madhya Maharashtra:** Dhule (dist Dhule) 11, Purandar Sasvad (dist Pune) 9, Devla (dist Nashik) 7, Rahata (dist Ahmednagar) 7;
- ❖ **Marathwada:** Ashti (dist Beed) 12, Hadgaon (dist Nanded) 7;
- ❖ **Kerala & Mahe:** Idukki (dist Idukki) 16, Munnar Kseb (dist Idukki) 15, Peermade To (dist Idukki) 11, Myladumpara_agri (dist Idukki) 10, Vytthiri (distWynad) 10, Mattannur Arg (distCannur) 9, Kannur Airport Aws (distCannur) 9, Palakkad (dist Palakkad) 9, Irikkur (distCannur) 8, Mahe (dist Mahe) 8, Kannur (distCannur) 8, Tellichery (distCannur) 8, Cheruthazham Arg (distCannur) 8, Kozha (dist Kottayam) 7, Kuppady (distWynad) 7, Mannarkkad (dist Palakkad) 7, Meenangadi Arg (distWynad) 7, Neryamangalam Arg (dist Ernakulam) 7, Taliparamba (distCannur) 7;
- ❖ **Lakshadweep:** Agathi (dist Lakshadweep) 8;
- ❖ **Haryana:** Bhadra Rev (dist Charkhi Dadri) 8, Dubwali (dist Sirsa) 7;
- ❖ **Coastal Karnataka:** Dakshina Kannada: Mangaluru-11, Panambur-10, Subramanya-9;
- ❖ **North Interior Karnataka:** Vijayapura: Bableshtar-13, Devarhippargi-10;
- ❖ **South Interior Karnataka:** Kodagu: Bhagamandala-14, Napoklu-13;
- ❖ **Himachal Pradesh:** Kangara: Dharmasala-11;
- ❖ **Telangana:** Pargi (dist Vikarabad) 22, Gangadhara (dist Karimnagar) 18, Kamareddy (dist Kamareddy) 11, Maganoor (dist Narayanpet) 8, Tadwai (dist Kamareddy) 8, Noothankal (dist Suryapet) 8, Doma (dist Vikarabad) 7, Chilkur (dist Suryapet) 7;
- ❖ **Rayalaseema:** Raptadu (dist Anantapuramu) 10, Pamidi (dist Anantapuramu) 10, Royachoti (dist Ysr District) 9, Kadiri (dist Anantapuramu) 7;
- ❖ **West Madhya Pradesh:** Kukshi (dist Dhar) 13, Jawad (dist Neemuch) 11, Bhitwar (dist Gwalior) 9, Multai (dist Betul) 8, Sheopur-aws (dist Sheopur) 7;
- ❖ **East Madhya Pradesh:** Chahtarpur-aws (dist Chhatarpur) 9, Orchha (dist Niwari) 7;
- ❖ **West Rajasthan:** Nagaur: Makrana-7,
- ❖ **East Rajasthan:** Banswara: Khushalgarh-11, Pratapgarh: Chhotisadri-7;
- ❖ **Coastal Andhra Pradesh:** Tiruvuru (dist Krishna) 8, Bestavaripeta (dist Prakasam) 7;



EXPECTED IMPACT & ACTION SUGGESTED DUE TO-

Isolated extremely heavy rainfall over Coastal & South Interior Karnataka on 05th; over Telangana , Chhattisgarh, Konkan & Goa, ghat areas of Madhya Maharashtra & Odisha on 8th & 9th and over Vidarbha and Gujarat Region on 9th 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 kutchha 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

