



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 05th September, 2022
Time of Issue: 1250 hrs IST

Subject: (i) Increase in rainfall activity along East coast, Maharashtra and Gujarat region from 8th September, 2022.
(ii) Isolated heavy rainfall spell likely to continue over South Peninsular India during next 5 days.
(iii) Subdued rainfall activity over Northwest 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 western end of **monsoon trough** runs along its normal position and the eastern end runs to the north of its normal position. The eastern end is likely to shift southwards after 48 hours.
- A north- south trough runs from North Interior Karnataka to Comorin area at lower tropospheric levels.
- A cyclonic circulation lies over Comorin area & adjoining Maldives in lower tropospheric levels.
- A cyclonic circulation likely to form over eastcentral Bay of Bengal around 07th September, 2022. Under its influence a Low Pressure Area likely to form over westcentral Bay of Bengal during subsequent 48 hours.
- **Under the influence of the above systems:**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Coastal Andhra Pradesh & Yanam on 05th, 08th & 09th; Tamil Nadu Puducherry & Karaikal during 05th-08th; Telangana, Coastal & South Interior Karnataka and Kerala & Mahe during next 5 days; Rayalaseema during 06th-09th; North Interior Karnataka on 05th, 06th, 08th & 09th and over Lakshadweep during 05th-07th and on 08th September. **Isolated very heavy rainfall also likely over Lakshadweep on 05th; Tamil Nadu Puducherry & Karaikal on 06th & 07th; Kerala & Mahe during 06th-08th; South Interior Karnataka on 07th & 08th; Coastal Karnataka on 08th; Coastal Andhra Pradesh & Yanam and Telangana on 09th September, 2022. Isolated extremely heavy rainfall also likely over Kerala & Mahe on 06th & 07th September, 2022.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over West Madhya Pradesh on 05th; East Madhya Pradesh on 05th & 09th; Odisha during 06th-09th; Marathwada on 05th, 08th & 09th; Konkan & Goa, Madhya Maharashtra & Gujarat Region and Vidarbha on 08th & 09th; Andaman & Nicobar Islands during 05th-08th; Jharkhand & Gangetic West Bengal on 09th and over Chhattisgarh during next 5 days. **Isolated very heavy rainfall over Konkan & Goa, Madhya Maharashtra, Odisha, Vidarbha and Chhattisgarh on 09th September, 2022.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Arunachal Pradesh and Assam & Meghalaya during 05th-08th and Nagaland, Manipur, Mizoram & Tripura on 05th September, 2022. **Isolated very heavy rainfall also likely over Arunachal Pradesh and Meghalaya on 05th September, 2022.**
 - Fairly widespread to widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Jammu & Kashmir and Himachal Pradesh on 05th and over Uttarakhand on 09th September, 2022.
 - Subdued rainfall activity over Northwest India during next 5 days.

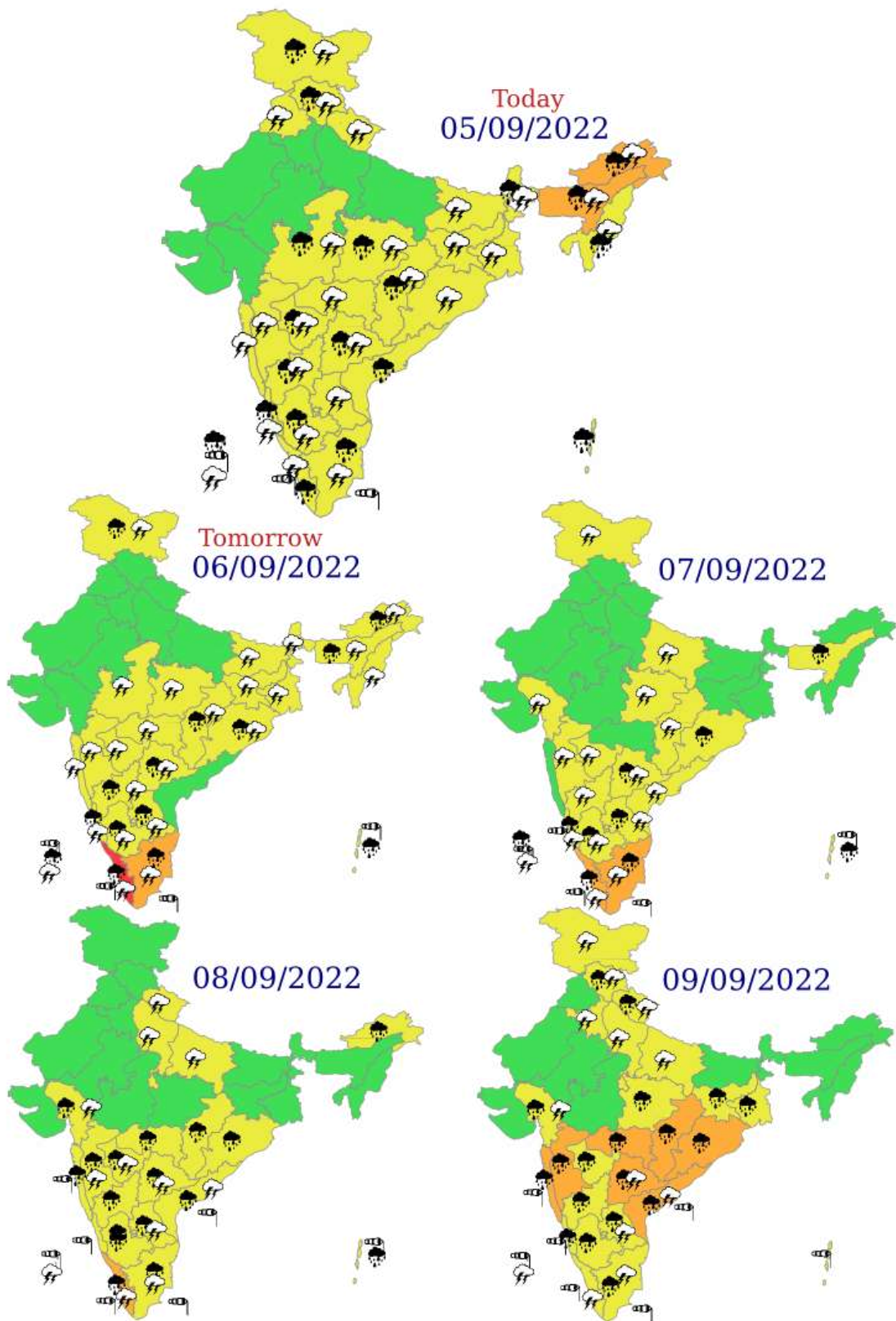
For more details kindly refer:

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

Very Heavy rainfall Sub-Himalayan West Bengal, Assam, East Madhya Pradesh, South Interior Karnataka, Telangana and **heavy rainfall** at isolated places over Jammu & Kashmir, West Madhya Pradesh Bihar, Meghalaya, Chhattisgarh, Marathwada, Rayalaseema, North Interior Karnataka, Coastal Andhra Pradesh, Lakshadweep and Tamil Nadu.

Rainfall (in cm):

- ❖ **East Madhya Pradesh:** Amarwara (dist Chindwara) 13, Lakhnadon (dist Seoni) 10, Damoh-aws (dist Damoh) 9, Gadarwara (dist Narsinghpur) 8, Tirodi (dist Balaghat) 7, Hanumana (dist Rewa) 7, Bina (dist Sagar) 7, Keolari (dist Seoni) 7;
- ❖ **South Interior Karnataka:** Bengaluru City Obsy (dist Bengaluru Urban) 13, Nelamangala (dist Bengaluru Rural) 13, Bengaluru Hal Ap Obsy (dist Bengaluru Urban) 12, Bengaluru Kial Obsy (dist Bengaluru Urban) 11, Hesaraghatta (dist Bengaluru Urban) 11, Malavalli (dist Mandya) 9, Bellur (dist Mandya) 9, Chamarajanagar (dist Chamarajanagar) 9, Srirangapatna (dist Mandya) 8, Konanur (dist Hassan) 7;
- ❖ **Telangana:** Itikyal (dist Jogulamba Gadwal) 12, Gopalpet (dist Wanaparthy) 12, Peddamandadi (dist Wanaparthy) 8, Kothakota (dist Wanaparthy) 7, Gadwal(arg) (dist Jogulamba Gadwal) 7, Venkatapuram (dist Mulugu) 7, Manopad (dist Jogulamba Gadwal) 7, Palem(a) (dist Nagarkurnool) 7;
- ❖ **Sub-Himalayan West Bengal:** Kumargram-12, Barobhisha-11, Bagrakote & Sevoke-10 each, Chepan-9, Mathabhanga-8, Alipurduar-7;
- ❖ **Assam:** Kokrajhar-12, Barpeta-7; **Rayalaseema:** Banaganapalle (dist Kurnool) 11, Uravakonda (dist Anantapuramu) 7;
- ❖ **Marathwada:** Nilanga (dist Latur) 11, Gangapur (dist Aurangabad) 8;
- ❖ **North Interior Karnataka:** Kerur (dist Bagalkote) 11, Raichur Pto (dist Raichur) 7;
- ❖ **Lakshadweep:** Minicoy (Lakshadweep UT) 10;
- ❖ **Meghalaya:** Williamnagar-10, Khliehriat-7;
- ❖ **Tamil Nadu:** Arimalam (dist Pudukkottai) 10, Vadapudupattu (dist Tirupattur), Kumarapalayam (dist Namakkal) 9 each, Trichy AP (dist Trichy), Andipatti (dist Madurai) 8 each, Tirupathur (dist Sivaganga), Pappireddipatti (dist Dharmapuri), Yercaud (dist Salem), Uthagamandalam (dist Nilgiris), Pechiparai (dist Kanyakumari), Coonoor PTO (dist Nilgiris), Tiruchengode (dist Namakkal), Vadipatti (dist Madurai), Vedasandur (dist Dindigul), Chinnakalar (dist Coimbatore) 7 each;
- ❖ **Bihar:** Kishanganj-9, Araria & Purnea-7 each;
- ❖ **West Madhya Pradesh:** Narmadapuram (dist Narmadapuram) 8, Budhni (dist Sehore) 7, Udaigarh (dist Alirajpur) 7, Bhabhra (dist Alirajpur) 7,
- ❖ **Coastal Andhra Pradesh & Yanam:** Mandasa (dist Srikakulam) 8;
- ❖ **Jammu & Kashmir:** Udhampur-8; **Chhattisgarh:** Pali (dist Korba) 7, Darbha (dist Bastar) 7.



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

i) Isolated very heavy rainfall over Kerala & Mahe on 06th & 07th September, 2022.

ii) Isolated very heavy rainfall over Lakshadweep, Assam & Meghalaya and Arunachal Pradesh on 05th; Tamil Nadu Puducherry & Karaikal on 06th & 07th; Kerala & Mahe during 06th-08th; South Interior Karnataka on 07th & 08th; Coastal Karnataka on 08th; Konkan & Goa, Madhya Maharashtra, Odisha, Vidarbha, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Telangana on 09th 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)



WARNING	
WARNING (TAKE ACTION)	Red background
ALERT (BE PREPARED)	Orange background
WATCH (BE UPDATED)	Yellow background
NO WARNING (NO ACTION)	Green background

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

