



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 08th September, 2022
Time of Issue: 1300 hrs IST

Subject: (i) A Low Pressure Area has formed over Westcentral & adjoining Eastcentral Bay of Bengal.
(ii) Heavy rainfall spell likely to continue over Odisha, Maharashtra & South Peninsular India during next 4-5 days.
(iii) Subdued rainfall activity likely to continue over plains of 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)

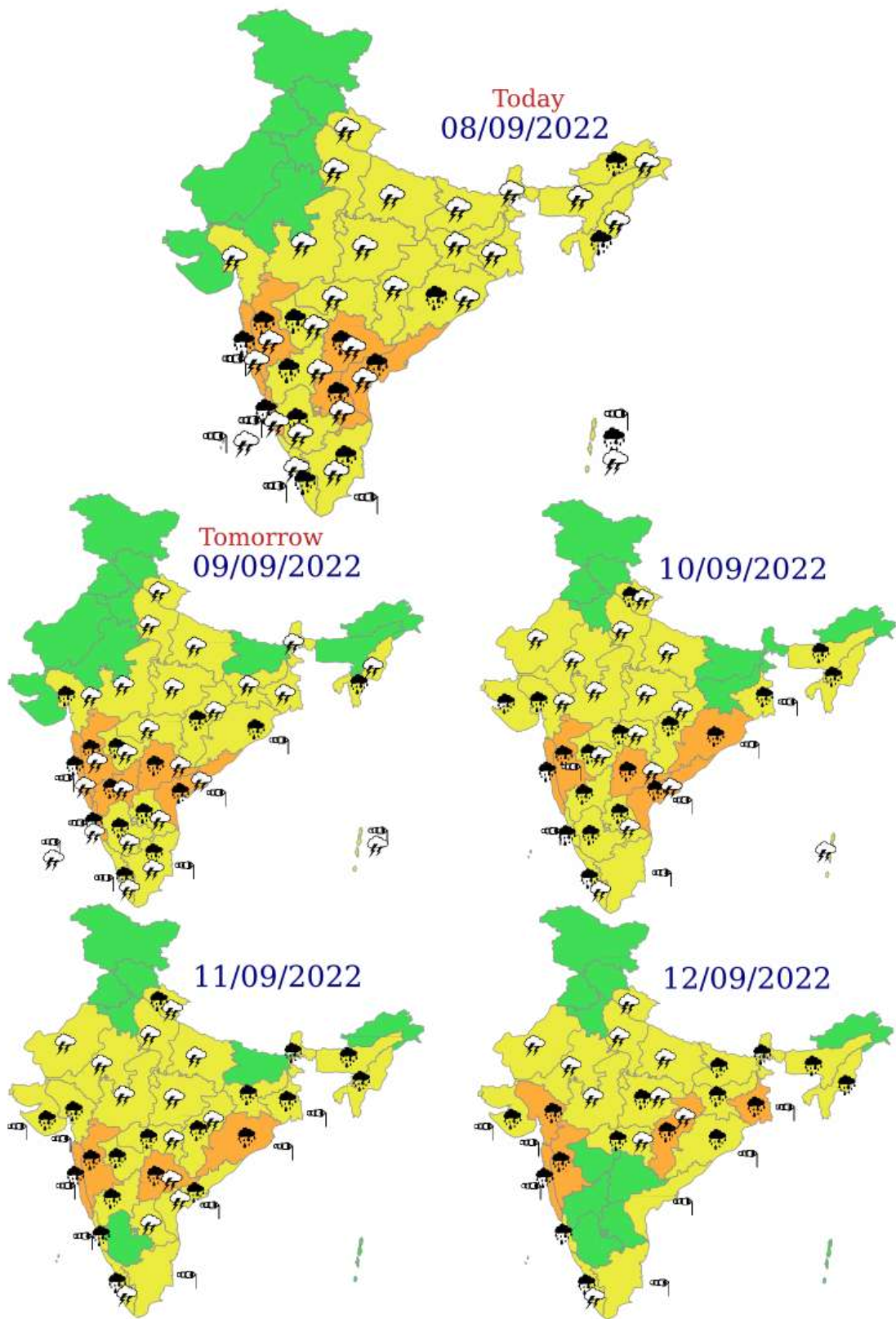
- The **monsoon trough** runs south of its normal position.
- **Under the influence of yesterday's cyclonic circulation over Eastcentral Bay of Bengal, a Low Pressure Area has formed over Westcentral & adjoining Eastcentral Bay of Bengal. It is very likely to become more marked over Westcentral and adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts during next 48 hours.**
- A shear zone runs roughly along Lat.12°N over south Peninsular India in middle tropospheric Levels.
- A cyclonic circulation lies over Coastal Karnataka & neighbourhood in lower tropospheric Levels.
- **Under the influence of the above systems:**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Tamil Nadu Puducherry & Karaikal on 08th & 09th; Rayalaseema & South Interior Karnataka during 08th-10th; Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka during 08th-11th and over Coastal Karnataka and Kerala & Mahe during next 5 days. **Isolated very heavy rainfall also likely over Rayalaseema on 08th; Coastal Karnataka on 08th & 09th; North Interior Karnataka on 09th and over Coastal Andhra Pradesh & Yanam & Telangana during 08th-10th September, 2022. Isolated extremely heavy rainfall also likely over Coastal Andhra Pradesh & Yanam on 09th September, 2022.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Andaman & Nicobar Islands on 08th; Marathwada during 08th-11th; Chhattisgarh & Gujarat Region during 09th-12th; Vidarbha during 09th-11th; Gangetic West Bengal and Saurashtra & Kutch during 10th-12th; Bihar & East Madhya Pradesh on 12th; Jharkhand & Sub-Himalayan West Bengal on 11th & 12th and over Odisha, Konkan & Goa and Madhya Maharashtra during next 5 days. **Isolated very heavy rainfall also likely over Odisha during 09th-11th; Chhattisgarh, Gangetic West Bengal and Gujarat Region on 12th and over Madhya Maharashtra and Konkan & Goa during next 5 days.**
 - Fairly widespread/widespread rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Arunachal Pradesh on 08th; Assam & Meghalaya during 10th-12th and over Nagaland, Manipur, Mizoram & Tripura during next 5 days.
 - Fairly widespread to widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Uttarakhand on 10th & 11th September, 2022.
 - Subdued rainfall activity likely to continue over most parts of 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 occurred in isolated places over Konkan & Goa, Madhya Maharashtra, Telangana and **heavy rainfall** at isolated places over Arunachal Pradesh, Assam, Tripura, Coastal Karnataka & Interior Karnataka, Kerala, Andaman & Nicobar Islands, Coastal Andhra Pradesh and Tamil Nadu.

Rainfall (in cm):

- ❖ **Konkan & Goa:** Pen (dist Raigad) 18, Uran (dist Raigad) 13, Khalapur (dist Raigad) 11, Matheran (dist Raigad) 11, Sawantwadi (dist Sindhudurg) 10, Mormugao - Pmo Imd (dist South Goa) 9, Wada (dist Palghar) 9, Pernem (dist North Goa) 9, Poladpur (dist Raigad) 9, Mulde_ Agri (dist Sindhudurg) 9, Mhasla (dist Raigad) 9, Panjim - Imd Obsy (dist North Goa) 8, Thane (dist Thane) 8, Roha (dist Raigad) 8, Ambarnath (dist Thane) 7;
- ❖ **Telangana:** Chandrugonda (dist B. Kothagudem) 12, Bomraspeta (dist Vikarabad) 11, Kosgi (dist Narayanpet) 9, Ghattu (dist Jogulamba Gadwal) 9, Kodangal (dist Vikarabad) 9, Aiza (dist Jogulamba Gadwal) 8, Hakimpet Iaf (dist M. Malkajgiri) 7, Pochampalle (dist Y. Bhuvanagiri) 7, Vicarabad (dist Vikarabad) 7;
- ❖ **Madhya Maharashtra:** Jeur - Imd Parttime (dist Sholapur) 12, Lonavala_agri (dist Pune) 10, Junnar (dist Pune) 9, Ambegaon Ghodegaon (dist Pune) 8, Shirur Ghodnadi (dist Pune) 8, Javali Medha (dist Satara) 8, Vadgaon Maval (dist Pune) 8, Khed Rajgurunagar (dist Pune) 7;
- ❖ **Coastal Andhra Pradesh & Yanam:** Parvathipuram (dist Vizianagaram) 10, Peddapuram (dist East Godavari) 9, Velairpad (dist West Godavari) 8, Merakamudidam (dist Vizianagaram) 7;
- ❖ **Coastal Karnataka:** Manki (dist Uttara Kannada) 10, Kota (dist Udupi) 10, Kumta (dist Uttara Kannada) 9, Honavar Obsy (dist Uttara Kannada) 9, Kollur (dist Udupi) 9, Dharmasthala (dist Dakshina Kannada) 8, Mani (dist Dakshina Kannada) 7, Belthangadi (dist Dakshina Kannada) 7;
- ❖ **Tamil Nadu:** Omalur (dist Salem) 10, Sholingur (dist Ranipet) 8, Vilupuram (dist Villupuram), Vadapudupattu (dist Tirupattur), Yercaud (dist Salem), Harisan Estate, Cherumulli (dist Nilgiris) 7 each;
- ❖ **Assam:** Barpeta-9;
- ❖ **Arunachal Pradesh:** Tuting-9;
- ❖ **Tripura:** Gokulpur-9, Udaipur-8;
- ❖ **North Interior Karnataka:** Guttal (dist Haveri) 8, Raichur Pto (dist Raichur) 7, Kawadimatti Arg (dist Yadgir) 7;
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 8, Bhagamandala (dist Kodagu) 7, Kalasa (dist Chikkamagaluru) 7;
- ❖ **Kerala:** Peruvannamuzhi ARG (Kozhikode district) 8, Kozhikode & Kozhikode AWS, Kakkayam AWS (Kozhikode district),Chemberi(Kannur district) 7 each;
- ❖ **Andaman & Nicobar Islands:** Port Blair-7.



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

i) Isolated extremely heavy rainfall over Coastal Andhra Pradesh & Yanam on 09th September, 2022.

ii) Isolated very heavy rainfall over Rayalaseema on 08th; Coastal Karnataka on 08th & 09th; North Interior Karnataka on 09th; Coastal Andhra Pradesh & Yanam & Telangana during 08th-10th; Odisha during 09th-11th; Chhattisgarh, Gangetic West Bengal and Gujarat Region on 12th and over Madhya Maharashtra and Konkan & Goa during 08th-12th 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)



Thunderstorm with Lightning

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