



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

**Press Release**  
**Date: 09<sup>th</sup> September, 2022**  
**Time of Issue: 1245 hrs IST**

**Subject: (i) The Low Pressure Area lies over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts.**  
**(ii) Heavy rainfall spell likely to continue over Gujarat, East & 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)**

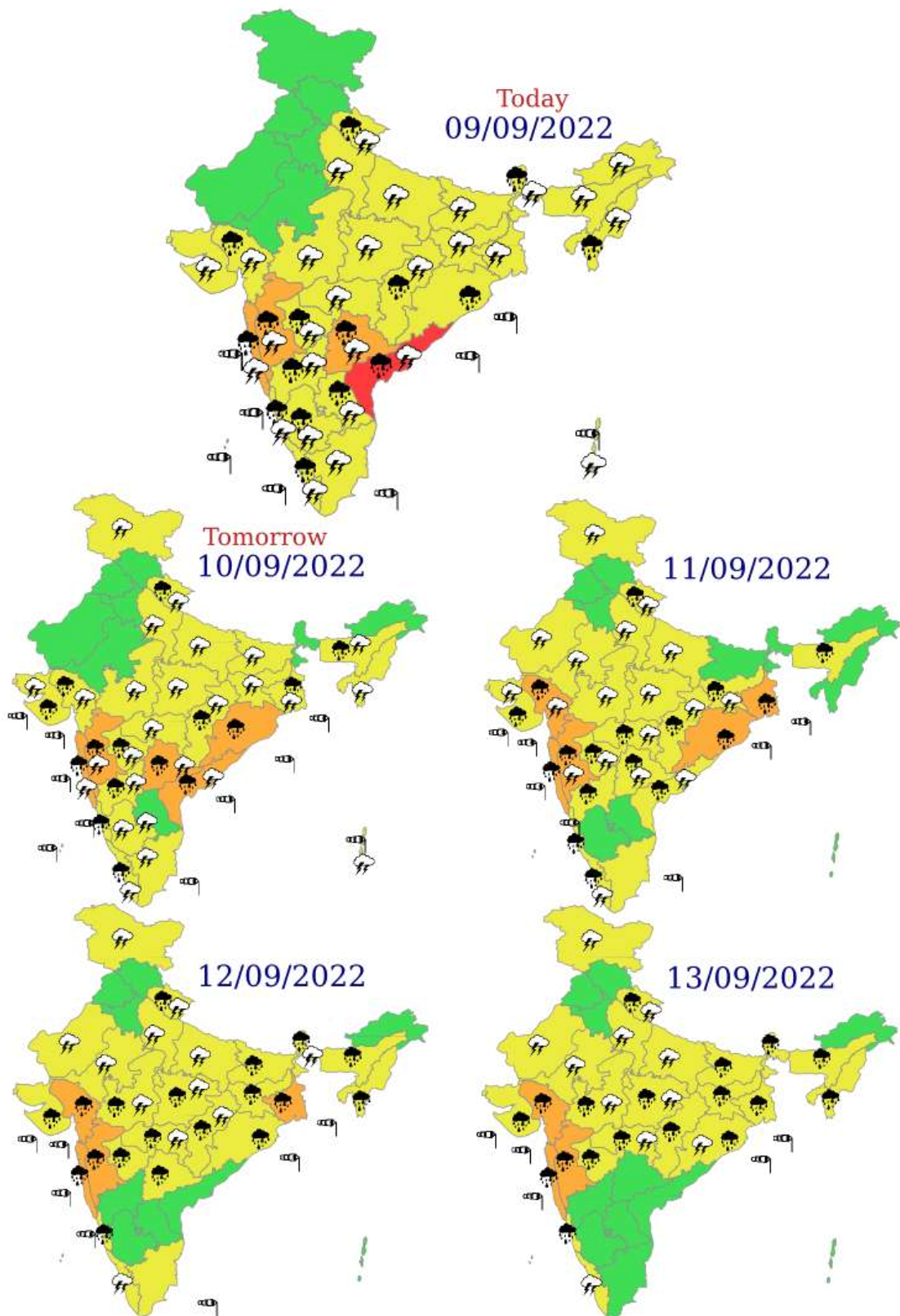
- The **monsoon trough** runs south of its normal position. It is likely to remain so during next 4-5 days.
- **Yesterday's Low Pressure Area over Westcentral & adjoining Eastcentral Bay of Bengal now lies over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts. It is very likely to become more marked over Northwest & adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts during next 36 hours.**
- A shear zone runs roughly along Lat.15°N over south Peninsular India in middle tropospheric levels. It is gradually shift northwards during next 3-4 days.
- A trough runs from south Konkan to the Low Pressure Area over Westcentral & adjoining Northwest Bay of Bengal off north Andhra Pradesh-south Odisha coasts 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 Rayalaseema & South Interior Karnataka on 09<sup>th</sup>; Coastal Andhra Pradesh & Yanam, North Interior Karnataka and Kerala & Mahe during 09<sup>th</sup>-11<sup>th</sup>; Telangana during 09<sup>th</sup>-12<sup>th</sup> and over Coastal Karnataka during next 5 days. **Isolated very heavy rainfall also likely over Coastal Andhra Pradesh & Yanam & Telangana on 09<sup>th</sup> & 10<sup>th</sup>. Isolated extremely heavy rainfall also likely over Coastal Andhra Pradesh & Yanam on 09<sup>th</sup> September, 2022.**
  - Fairly widespread/widespread rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Gangetic West Bengal and Saurashtra & Kutch during 10<sup>th</sup>-13<sup>th</sup>; Vidarbha & Jharkhand during 11<sup>th</sup>-13<sup>th</sup>; Sub-Himalayan West Bengal on 09<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup>; Madhya Pradesh & Bihar on 12<sup>th</sup> & 13<sup>th</sup> and over Marathwada, Chhattisgarh, Gujarat Region, Odisha, Konkan & Goa and Madhya Maharashtra during next 5 days. **Isolated very heavy rainfall also likely over Odisha on 10<sup>th</sup> & 11<sup>th</sup>; Gangetic West Bengal on 11<sup>th</sup> & 12<sup>th</sup>; Gujarat Region during 11<sup>th</sup>-13<sup>th</sup> 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 Assam & Meghalaya during 10<sup>th</sup>-13<sup>th</sup> and over Nagaland, Manipur, Mizoram & Tripura on 09<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> September, 2022.
  - Fairly widespread to widespread light/moderate rainfall with **isolated heavy falls** and **thunderstorm/lightning** very likely over Uttarakhand during next 5 days.
  - 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](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

**Extremely heavy rainfall** occurred in isolated places over Coastal Andhra Pradesh & Yanam; **heavy to very heavy rainfall** over Chhattisgarh, Konkan & Goa and Gujarat Region and **heavy rainfall** at isolated places over Odisha, Uttarakhand, Madhya Maharashtra, Marathwada, Sikkim, Telangana, Interior Karnataka, Andaman & Nicobar Islands and Tamil Nadu.

#### Rainfall (in cm):

- ❖ **Coastal Andhra Pradesh & Yanam:** Bheemunipatnam (dist Vishakhapatnam) 21, Yanam (dist Yanam) 12, Pusapatirega (dist Vizianagaram) 11, Salur (dist Vizianagaram) 9, Denkada (dist Vizianagaram) 8, Koyyalagudem (dist West Godavari) 7;
- ❖ **Gujarat Region:** Vapi (dist Valsad) 16, Silvassa (dist Dadara & Nagar Haveli) 12, Daman Fmo (dist Daman) 11, Pardi (dist Valsad) 11, Daman (dist Daman) 10, Khanvel (dist Dadara & Nagar Haveli) 10, Kaprada (dist Valsad) 9, Umergam (dist Valsad) 7;
- ❖ **Konkan & Goa:** Kalyan (dist Thane) 15, Mangaon (dist Raigad) 13, Thane (dist Thane) 12, Bhiwandi (dist Thane) 11, Tbia Imd Part Time (dist Thane) 11, Sangameshwar Devrukh (dist Ratnagiri) 9, Canacona (dist South Goa) 8, Ambernath (dist Thane) 8, Sanguem (dist South Goa) 7, Ulhasnagar (dist Thane) 7, Vasai (dist Palghar) 7, Murbad (dist Thane) 7, Lanja (dist Ratnagiri) 7;
- ❖ **Chhattisgarh:** Premnagar (dist Surajpur) 12, Katekalyan (dist Dantewada) 7, Kharsiya (dist Raigarh) 7;
- ❖ **Marathwada:** Nilanga (dist Latur) 11, Bhum (dist Osmanabad) 7;
- ❖ **Madhya Maharashtra:** Nashik - Imd Obsy (dist Nashik) 9, Sinnar (dist Nashik) 7, Harsul - Fmo (dist Nashik) 7, Rahuri (dist Ahmednagar) 7, Ambegaon Ghodegaon (dist Pune) 7;
- ❖ **Telangana:** Naykal (dist Sangareddy) 9, Munipalli (dist Sangareddy) 9, Raikode (dist Sangareddy) 8, Yellareddy (dist Kamareddy) 8, Naga Reddipet (dist Kamareddy) 8, Narsapur (dist Medak) 7, Nawabpet (dist Vikarabad) 7, Banswada (dist Kamareddy) 7, Kohir (dist Sangareddy) 7, Gambhiraopet (dist Rajanna Sircilla) 7, Hathanoora (dist Sangareddy) 7;
- ❖ **Sikkim:** Gyalsing-9, Gyalsing (AAWS)-9, Soreng (ARG) & Ravangla (ARG)-7 each;
- ❖ **Odisha:** Ganjam: Gopalpur-9, Gajapati: Mahendragarh-7, Koraput: Pottangi-7,
- ❖ **Andaman & Nicobar Islands:** Long Islands-8;
- ❖ **Tamil Nadu:** Coimbatore: Chinnakalar-7;
- ❖ **Uttarakhand:** Bageshwar: Sama-7;
- ❖ **North Interior Karnataka:** Nalwatwad (dist Vijayapura) 7, Kamalapur (dist Kalaburgi) 7;
- ❖ **South Interior Karnataka:** Kottigehara (dist Chikkamagaluru) 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 Coastal Andhra Pradesh & Yanam & Telangana on 09th & 10th; Odisha on 10th & 11th; Gangetic West Bengal on 11th & 12th; Gujarat Region during 11th-13th and over Madhya Maharashtra and Konkan & Goa during 09th-13th 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.

<b>SPATIAL DISTRIBUTION</b> (% 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**



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