



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

**Press Release  
Date: 06<sup>th</sup> September, 2023  
Time of Issue: 1315 hours IST**

**Subject: Active monsoon conditions likely to continue over many parts of Peninsular, central & adjoining East India during next 3-4 days.**

**Weather observed during past 24 hours ending at 0830 hours IST of today (Annexure I):**

**Significant Weather features:**

- ❖ Yesterday's **Low-Pressure Area** has become less marked in morning of today 06<sup>th</sup> Sep, 2023. However, the associated cyclonic circulation now lies over south interior Odisha & neighbourhood and extends upto middle tropospheric levels.
- ❖ The Monsoon Trough is active lies south of its normal position. It is likely to be south of its normal position or near normal during next 4-5 days.

**Weather Forecast and Warnings: (Annexure II)**

**East India:** Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over *Odisha during 06<sup>th</sup>-08<sup>th</sup>; Jharkhand on 07<sup>th</sup> & 08<sup>th</sup>; Bihar on 08<sup>th</sup> & 09<sup>th</sup> and over Andaman & Nicobar Islands on 07<sup>th</sup> & 10<sup>th</sup> September.*

**South India:** Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over Coastal Andhra Pradesh & Yanam, Telangana and North Interior Karnataka on 06<sup>th</sup>, over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 06<sup>th</sup> -10<sup>th</sup>; over Coastal Karnataka during 07<sup>th</sup>-10<sup>th</sup> and over South Interior Karnataka during 08<sup>th</sup> -10<sup>th</sup> September.

**Central India:** Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Madhya Pradesh *during 06<sup>th</sup>-10<sup>th</sup>; Vidarbha on 06<sup>th</sup> & 07<sup>th</sup> and over Chhattisgarh on 06<sup>th</sup> September.*

**West India:** Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Marathwada on 06<sup>th</sup> & 07<sup>th</sup>; Konkan & Goa and Madhya Maharashtra during 07<sup>th</sup>-10<sup>th</sup> September and over Gujarat Region on 07<sup>th</sup> & 08<sup>th</sup> September.

**Northeast India:** Light/moderate scattered to fairly widespread rainfall/thunderstorm with isolated **heavy rainfall** activity very likely over Assam & Meghalaya during 08<sup>th</sup>-10<sup>th</sup> and Nagaland, Manipur, Mizoram & Tripura during 07<sup>th</sup> - 10<sup>th</sup> September.

**Northwest India:** Light/moderate isolated to scattered rainfall/thunderstorm with isolated **heavy**

**rainfall** activity very likely over West Uttar Pradesh and East Rajasthan during 06<sup>th</sup>-08<sup>th</sup>; over East Uttar Pradesh on 08<sup>th</sup> and over Uttarakhand during 08<sup>th</sup>-10<sup>th</sup> September.

For more details kindly refer:

[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

## Annexure I

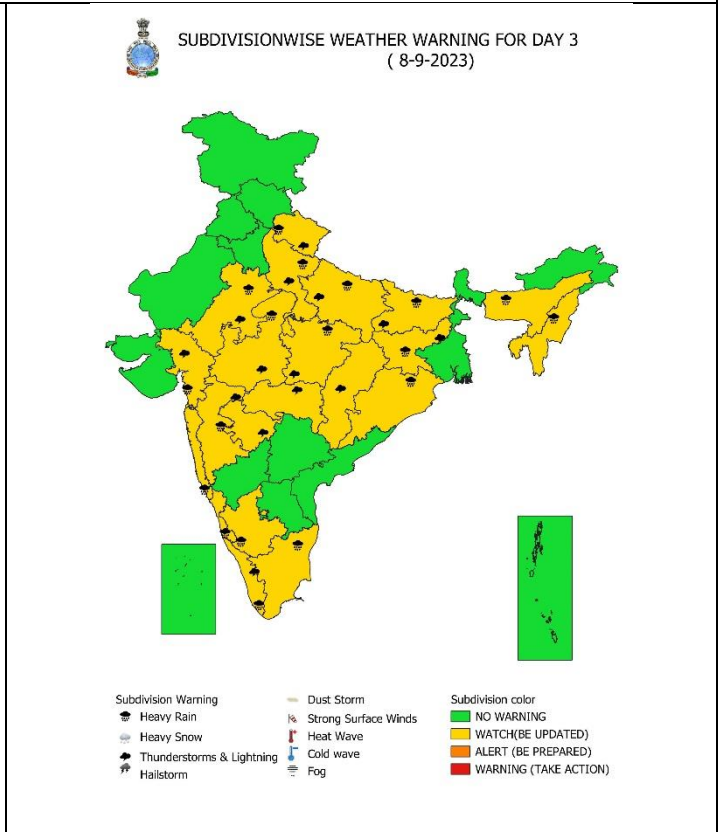
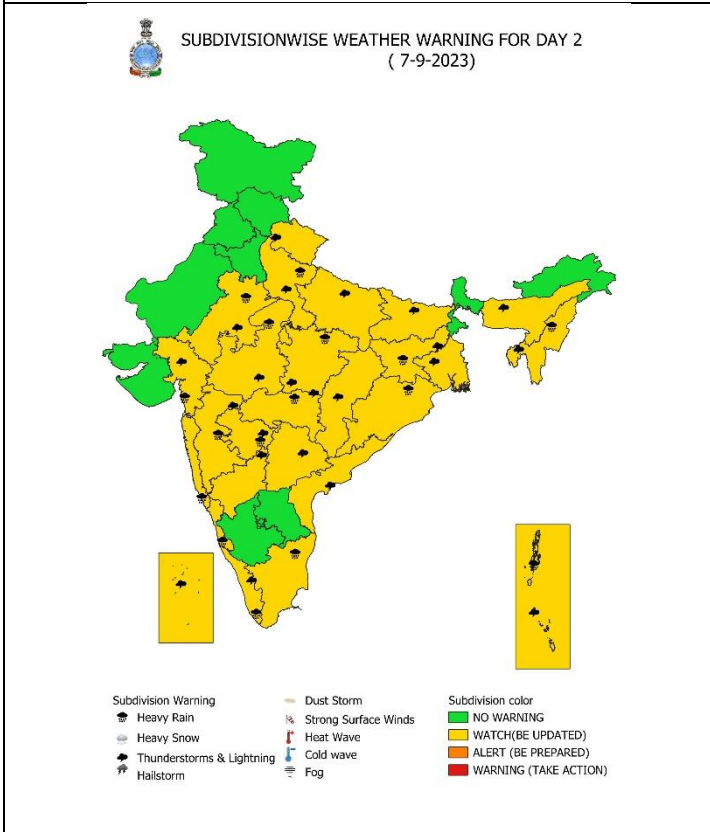
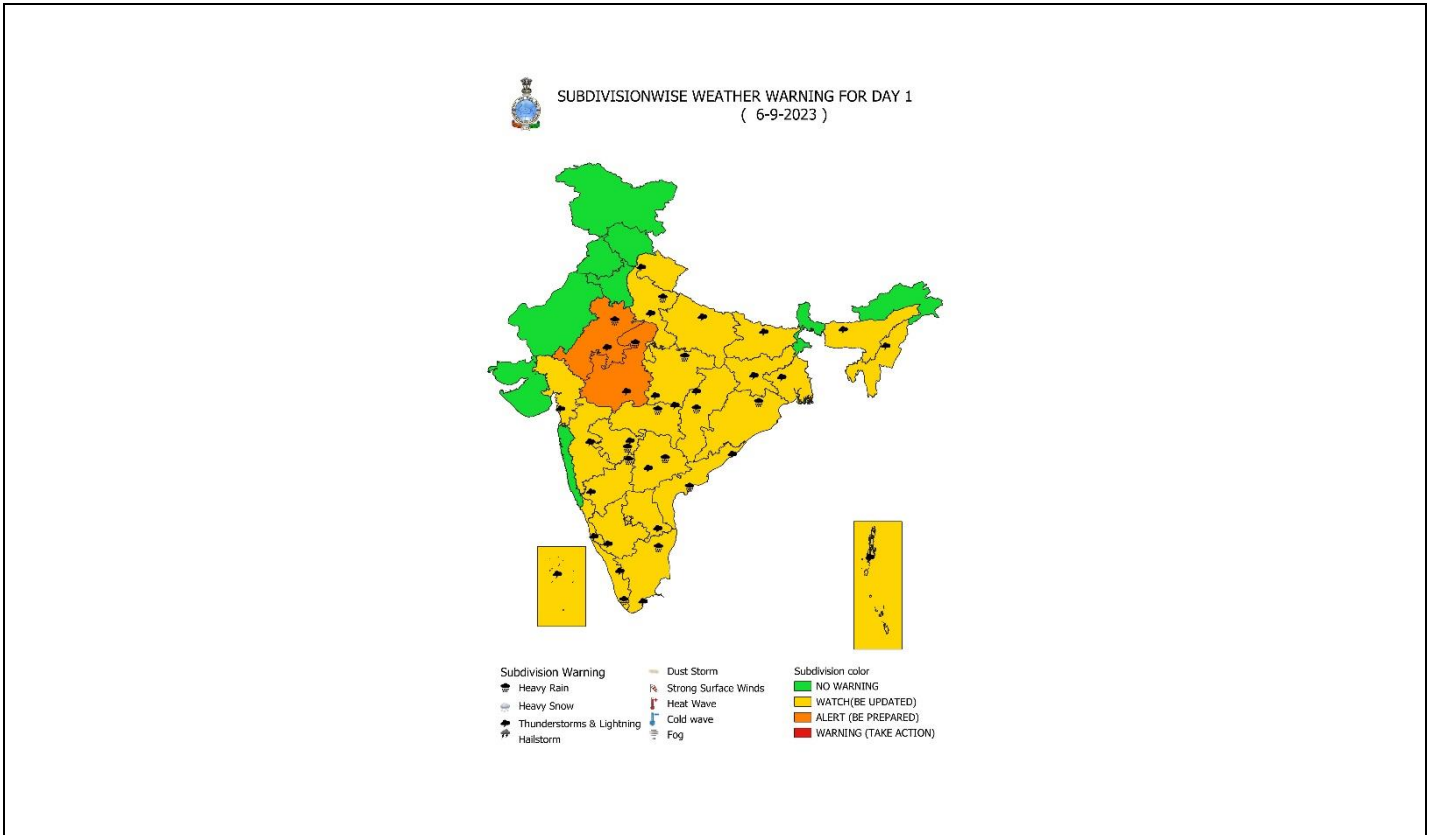
### Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 06<sup>th</sup> September, 2023):

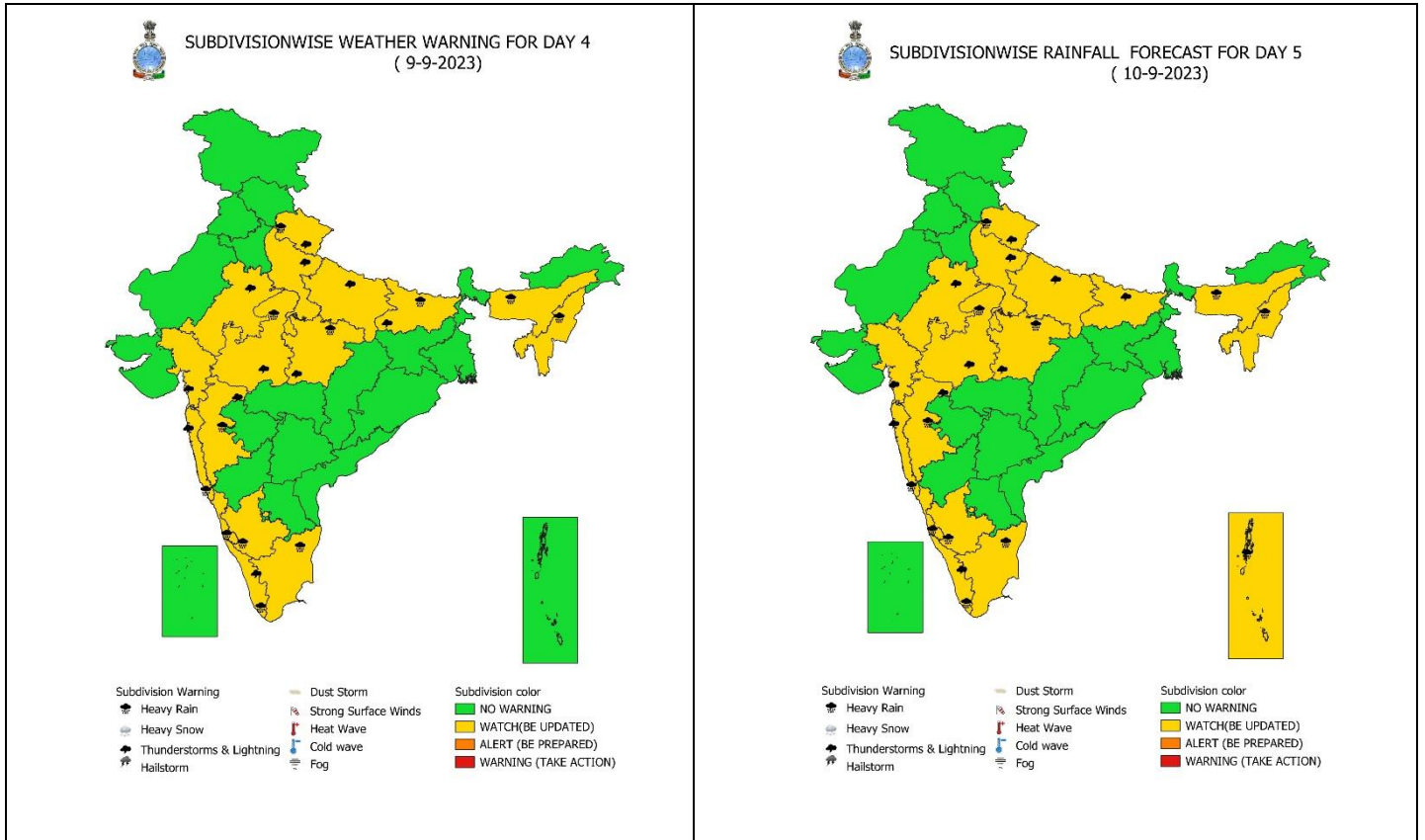
➤ **Heavy to very heavy rainfall** at isolated places over Odisha and **heavy rainfall** at isolated places over Bihar, Madhya Pradesh, Telangana, South Interior Karnataka and Kerala.

#### ➤ **Significant rainfall recorded (in cm):**

- ✓ **Odisha:** Balasore (dist Balasore) 12, Bahanga (dist Balasore) 9, Udala (dist Mayurbhanj) 9, Bhuban (dist Dhenkanal) 9, Kaptipada (dist Mayurbhanj) 8, Danagadi (dist Jajpur) 8, Atabira (dist Bargarh) 8, Hindol (dist Dhenkanal) 7, Banpur (dist Khurda) 7, Chandbali (dist Bhadrak) 7, Lamataput (dist Koraput) 7, Nilgiri (dist Balasore) 7, Ghasipura (dist Keonjhar) 7, Jajpur (dist Jajpur) 7,
- ✓ **Bihar:** Ghat Kushumba (dist Sheikhpura) 7,
- ✓ **East Madhya Pradesh:** Waraseoni (dist Balaghat) 9, Ramnagar (dist Satna) 9, Umariyapan (dist Katni) 9, Orchha (dist Niwari) 7,
- ✓ **West Madhya Pradesh:** Bhandar (dist Datia) 7, Bareilly (dist Raisen) 7,
- ✓ **Telangana:** Golkonda(arg) (dist Hyderabad) 10, Govindaraopet (dist Mulugu) 10, Khanapur (dist Warangal) 10, Bayyaram (dist Mahabubabad) 8, Kusumanchi (dist Khammam) 7, Dornakal (dist Mahabubabad) 7, Adilabad (dist Adilabad) 7, Khammam Urban (dist Khammam) 7, Khammam(arg) (dist Khammam) 7, Wyrakv(agro) (dist Khammam) 7, Garla (dist Mahabubabad) 7, Wargal (dist Siddipet) 7,
- ✓ **South Interior Karnataka:** Ramanagara (dist Ramanagara) 7,
- ✓ **Kerala:** Idamalayar Dam AWS (Ernakulam district) 8,

**Obs:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation





**Impact expected and action suggested due to thunderstorm with lightning over East Rajasthan and West Madhya Pradesh on 06<sup>th</sup> September.**

**Impact expected:**

- Strong wind/hail may damage plantation, horticulture and standing crops.
- Hail may injure people and cattle at open places.
- Partial damage to vulnerable structures due to strong winds.
- Minor damage to kutcha houses/walls and huts.
- Loose objects may fly.

**Action suggested:**

- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.

**Legends:**

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **AWS:** Automatic Weather Station
- ❖ **Region wise classification of meteorological Sub-Divisions:**
  - **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.
  - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
  - **East India:** Bihar, Jharkhand, Sub-Himalaya West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
  - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
  - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
  - **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)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
Heavy Snow	Heat Wave	WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	ALERT (BE PREPARED)
Hailstorm	Fog	WARNING (TAKE ACTION)

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

<b>Flash Flood Risk</b>	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)