



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

**Press Release
Date: 03rd September, 2023
Time of Issue: 1300 hours IST**

Subject:

- (i) Active monsoon condition likely over north Peninsular India, Odisha and Chhattisgarh during next 5 days.**
- (ii) Increase in rainfall activity with isolated heavy falls is very likely over northeast India, Madhya Pradesh and Maharashtra from 05th September.**

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

Significant Weather features:

- ❖ A cyclonic circulation lies over Northeast Bay of Bengal & neighbourhood and extends upto middle tropospheric level. Under its influence, **A Low Pressure Area** is likely to form over northwest & adjoining westcentral Bay of Bengal during next 48 hours.
- ❖ The Monsoon Trough at mean sea level continues to run along the foothills of the Himalayas. Its eastern end is likely to shift southwards to its normal position from tomorrow and to the south of its normal position thereafter.

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 *Gangetic West Bengal on 03rd & 04th; Odisha during 03rd-07th and over Andaman & Nicobar Islands during 03rd-05th September.*

Isolated very heavy rainfall also likely over Andaman & Nicobar Islands on 03rd & 04th and over Odisha during 03rd-05th & 07th September.

South India: Light/moderate fairly widespread to widespread rainfall with **isolated heavy rainfall** very likely over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh & Yanam, Kerala & Mahe and Telangana during 03rd-07th; Coastal & South Interior Karnataka during 06th-07th, North Interior Karnataka and Rayalaseema during 03rd-04th.

Isolated very heavy rainfall also likely over Coastal Andhra Pradesh on 04th & 05th and over Telangana during 03rd-05th September.

Central India: Light/moderate fairly widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over West Madhya Pradesh on 06th & 07th; East Madhya Pradesh & *Vidarbha during 05th-07th and over Chhattisgarh during 03rd-07th September.*

Isolated very heavy rainfall also likely over south Chhattisgarh on 05th September.

West India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Konkan & Goa during 03rd-07th; Madhya Maharashtra & Marathwada during 05th-07th September.

Northeast India: Light/moderate scattered to fairly widespread rainfall/thunderstorm with isolated **heavy rainfall** activity very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 06th-07th September.

Subdued rainfall activity likely over Northwest India during next 5 days.

For more details kindly refer:

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 03rd September, 2023):

➤ **Heavy to very heavy rainfall** at isolated places over Andaman & Nicobar Islands, Rayalaseema, Telangana, Odisha and **heavy rainfall** at isolated places over Tamil Nadu, Puducherry & Karaikal, Coastal Andhra Pradesh, North Interior Karnataka, Bihar, Konkana & Goa.

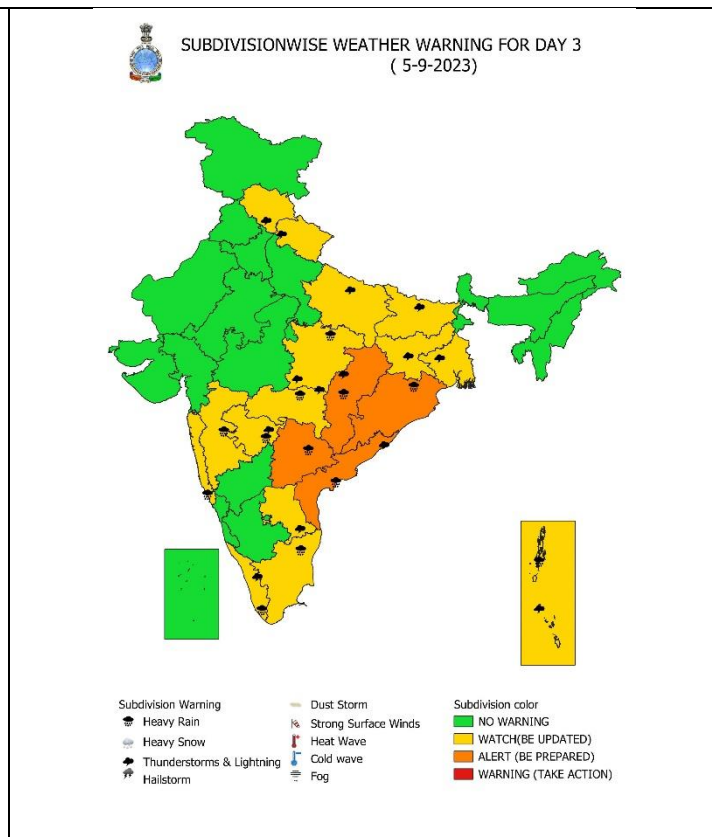
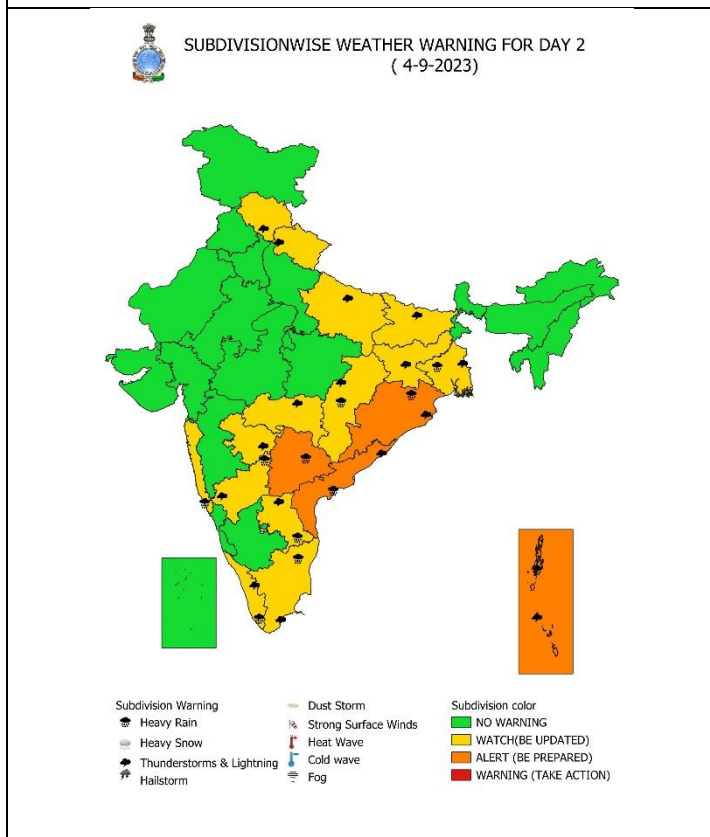
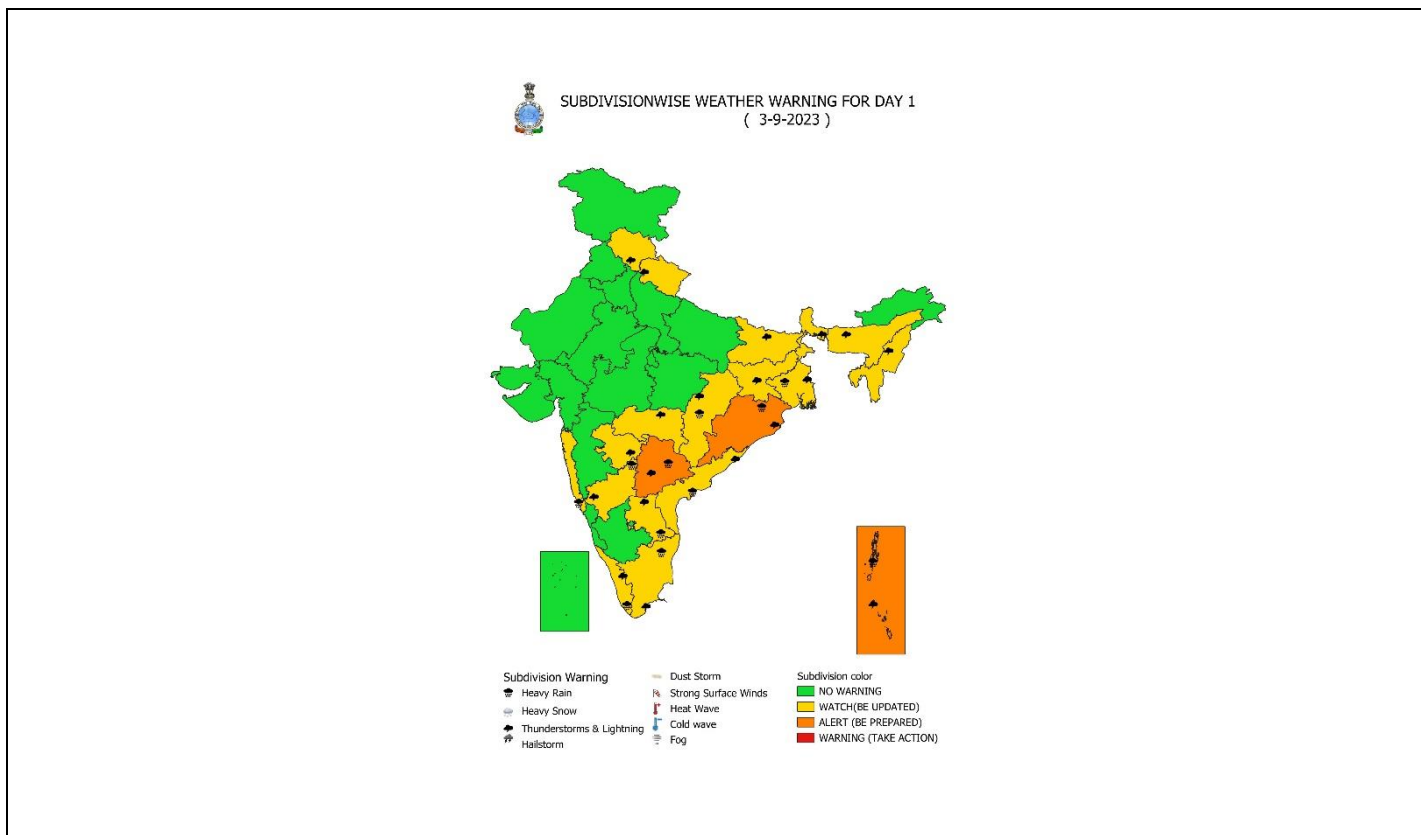
➤ **Significant rainfall recorded (in cm):**

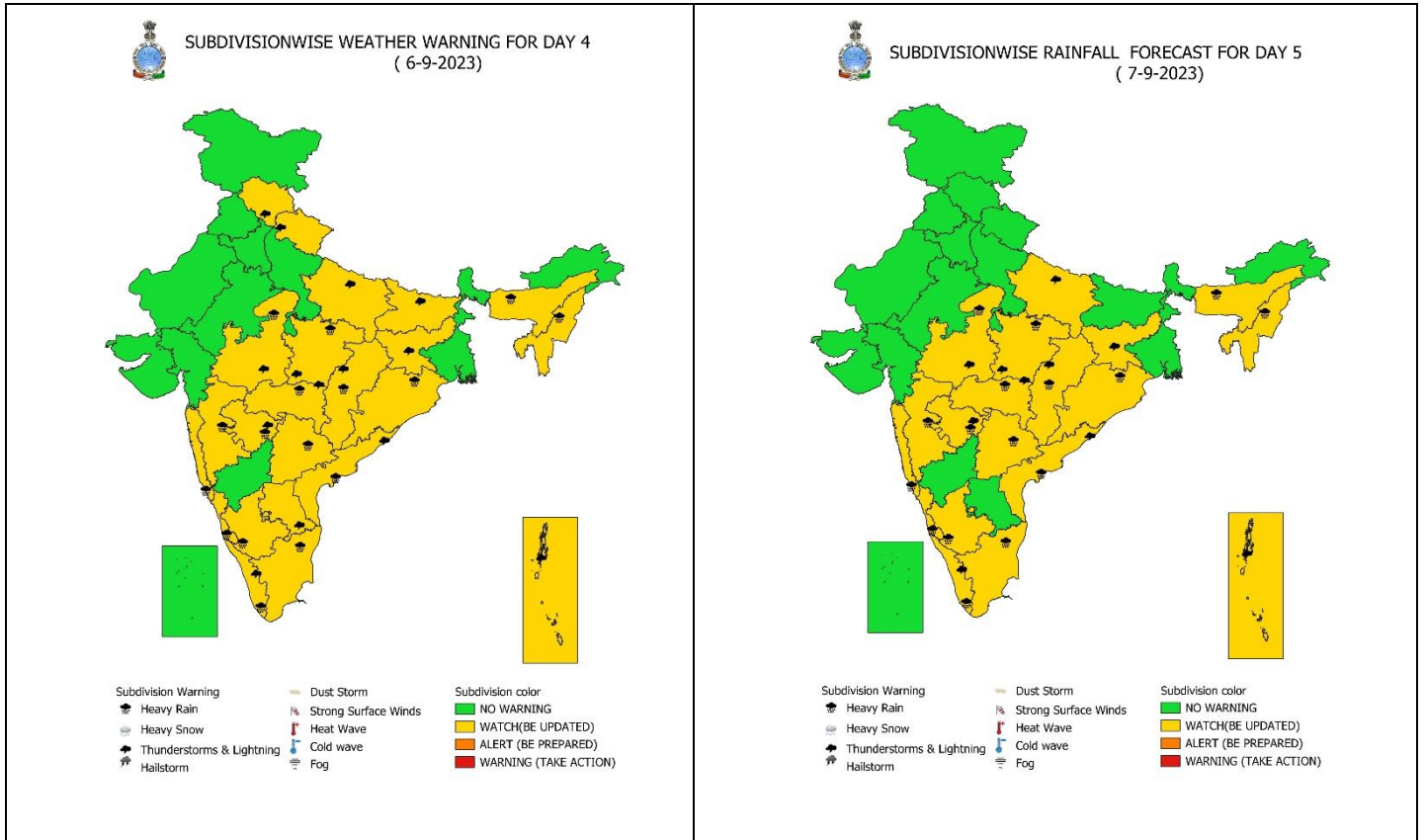
- ✓ **Andaman & Nicobar Islands:** Long Island (dist North & Middle Andaman) 20, Port Blair (dist South Andaman) 8;
- ✓ **Rayalaseema:** Kondapuram (dist Ysr District) 16, Koilkuntla (dist Nandyal) 15, Puttur (dist Tirupati) 11, Vallur (dist Ysr District) 10, Duvvur (dist Ysr District) 10, Sullurpeta (dist Tirupati) 9, Chapad (dist Ysr District) 9, Vempalle (dist Ysr District) 9, Jammalamadugu (dist Ysr District) 9, Punganur (dist Chittoor) 9, Porumamilla (dist Ysr District) 9, Muddanur (dist Ysr District) 8, Dornipadu (dist Nandyal) 8, Badvel (dist Ysr District) 8, Thottambedu (dist Tirupati) 8, Nandikotkur (dist Nandyal) 7;
- ✓ **Telangana:** Khila Ghanpur (dist Wanaparthy) 13, Kalwakurthy (dist Nagarkurnool) 11, Midjil (dist Mahabubnagar) 11, Wanaparthy (dist Wanaparthy) 10, Kalwakurthy(arg) (dist Nagarkurnool) 9, Mattampally (dist Suryapet) 9, Devarakonda (dist Nalgonda) 9, Pegadapalle (dist Jagtial) 8, Devarakonda(arg) (dist Nalgonda) 8, Pargi(arg) (dist Vikarabad) 8, Gandeed (dist Mahabubnagar) 8, Vangoor (dist Nagarkurnool) 8, Pebbair (dist Wanaparthy) 8, Bejjur (dist Kumaram Bheem) 7;
- ✓ **Odisha:** Naraj (dist Cuttack) 13, Pipili (dist Puri) 10, Athgarh (dist Cuttack) 9, Mundali (dist Cuttack) 9, Cuttack (dist Cuttack) 9, Jajpur (dist Jajpur) 8, Bhandaripokhari (dist Bhadrak) 8; Banki (dist Cuttack) 8, Jajpur Pto (dist Jajpur) 8, Khordha Pto (dist Khurda) 7, Kotpad (dist Koraput) 7, Jatni (dist Khurda) 7, Lakhanpur (dist Jharsuguda) 7;
- ✓ **Tamil Nadu, Puducherry & Karaikal:** Poonamallee (dist Tiruvallur) 11, Taluk Office, Chengam (dist Tiruvannamalai) 10, R.K.Pet (dist Tiruvallur) 9, VANUR (dist Villupuram) 9, R.K.Pet ARG (dist Tiruvallur) 8;
- ✓ **Coastal Andhra Pradesh:** Atchampet (dist Palnadu) 10, Chimakurthi (dist Prakasam) 9, Macherla (dist Palnadu) 8, Kandukur (dist Spsr Nellore) 8, Seetharamapuram (dist Spsr Nellore) 8, Darsi

(dist Prakasam) 8, Jangamaheswarapuram (dist Palnadu) 8, Udayagiri (dist Spsr Nellore) 8, Marripudi (dist Prakasam) 7;

- ✓ **North Interior Karnataka:** Sedam (dist Kalaburgi) 10;
- ✓ **Bihar:** SIKTA(dist WEST CHAMPARAN)10, PIPRAHI (dist SHEOHAR)9, SHEOHAR (dist KHAGARIA)8, CHAKAI (dist Jamui)8, KUMARKHAND (dist MADHEPURA) 7;
- ✓ **Konkan & Goa:** Thane (dist Thane) 7, Sudhagad Pali (dist Raigad) 6;

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





Impact & Action Suggested due to very heavy rainfall over: Odisha and Telangana during 03rd-5th; Andaman & Nicobar Islands on 03rd & 4th; Coastal Andhra Pradesh on 04th & 5th and Chhattisgarh on 5th September.

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 in the hilly areas.
- ❖ 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:** >204.4mm.
- ❖ **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.

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)

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)

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

Flash Flood Risk	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)