



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

Press Release

Date: 27th September, 2023

Time of Issue: 1300 hours IST

Subject: 1) Conditions are becoming favourable for further withdrawal of Southwest Monsoon from some more parts of Northwest and adjoining Westcentral India during next 2-3 days.

2) A low pressure area is likely to form over Eastcentral Bay of Bengal off Myanmar coast by around 30th September. It is likely to move northwestwards with possibility of gradual intensification.

3) A fresh spell of heavy rainfall likely over East India from 29th September.

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

Withdrawal of Southwest Monsoon:

- Conditions are becoming favourable for further withdrawal of Southwest Monsoon from some more parts of Northwest and adjoining Westcentral India during next 2-3 days.
- The line of withdrawal of Southwest Monsoon continues to pass through 28.3°N/72.0°E, Nokhra, Jodhpur, Barmer and 25.7°N/70.3°E.

Significant Weather features:

- ❖ A cyclonic circulation lies over south Chhattisgarh & neighbourhood and a trough runs from north Coastal Karnataka to this cyclonic circulation in lower tropospheric levels.
- ❖ A cyclonic circulation is likely to emerge over Eastcentral Bay of Bengal & adjoining north Andaman Sea off Myanmar coast around 29th September. Under its influence, a low pressure area is likely to form over Eastcentral Bay of Bengal off Myanmar coast during subsequent 24 hours. Thereafter, it is likely to move northwestwards with possibility of gradual intensification.

Weather Forecast and Warnings: (Annexure II)

East India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Andaman & Nicobar Islands during 27th - 30th; Odisha on 29th September to 01st October; Gangetic West Bengal on 30th and Jharkhand on 30th September & 01st October.

Isolated very heavy rainfall very likely over Andaman & Nicobar Islands on 28th & 29th September. Squally weather with wind speed reach 45-55 gusting to 65 likely over Andaman Islands during 28th-30th September, 2023.

South India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over Tamil Nadu during 27th-29th; Coastal Karnataka during 27th September-01st October; Kerala & Mahe during 28th-30th and Interior Karnataka during 29th September-01st October.

West India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Konkan-Goa during 27th-30th; Madhya Maharashtra during 27th-29th and Marathwada on 27th September. **Isolated very heavy rainfall very likely over Konkan -Goa on 28th & 29th and Madhya Maharashtra on 27th September.**

Central India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Chhattisgarh on 30th September & 01st October.

No significant weather over rest parts of the country.

For more details kindly refer:

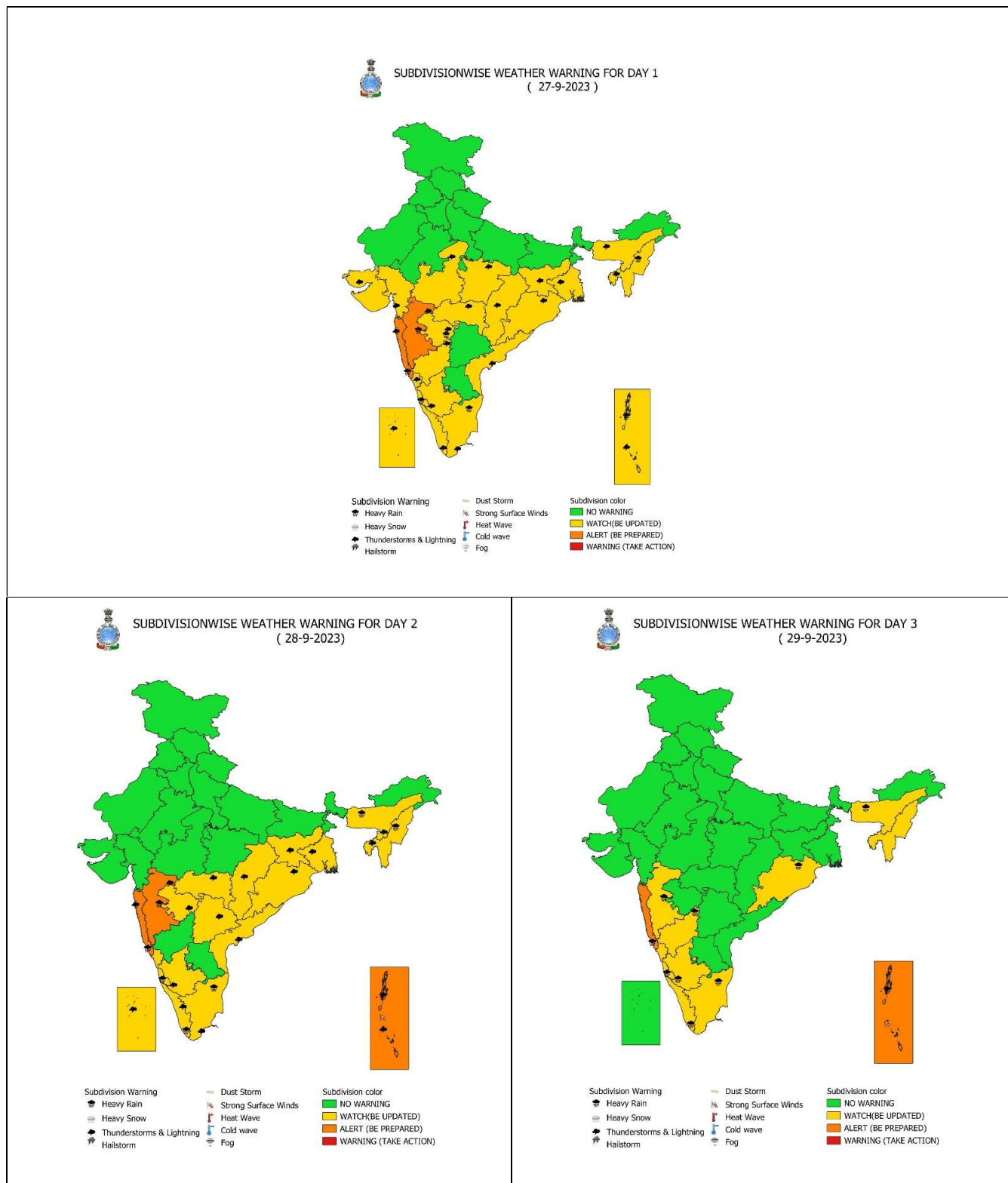
https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

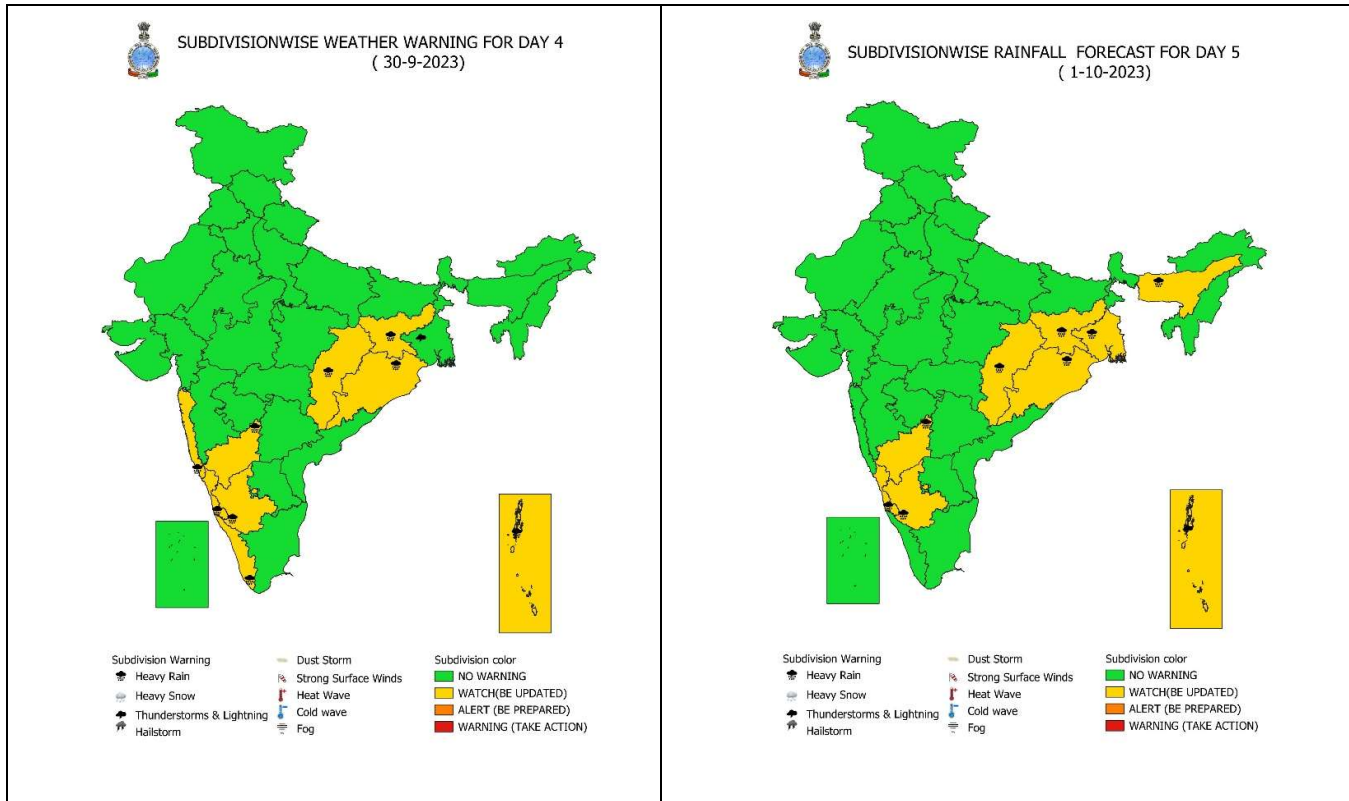
Annexure I

Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 27th September, 2023):

- **Heavy to very heavy rainfall** at isolated places over Madhya Maharashtra and **heavy rainfall** at isolated places over Coastal Karnataka, Sikkim, Konkan & Goa, Chhattisgarh, Jharkhand, Marathwada and Tamil Nadu.
- **Significant rainfall recorded (in cm):**
- ✓ **Madhya Maharashtra:** Gaganbawada (dist Kolhapur) 13, Paud Mulshi (dist Pune) 9;
- ✓ **Tamil Nadu:** Poondi (dist Tiruvallur) 10, Thamaraipakkam (dist Tiruvallur) 9, Wallajah dist Ranipet) 8;
- ✓ **Konkan & Goa:** Poladpur (dist Raigad) 9, Chiplun (dist Ratnagiri) 9, Pernem (dist North Goa) 8, Mapusa (dist North Goa) 8, Mahad (dist Raigad) 7;
- ✓ **Chhattisgarh:** Kusmi (dist Balrampur) 9;
- ✓ **Jharkhand:** Balumath-8;
- ✓ **Marathwada:** Purna (dist Parbhani) 8, Ardhapur (dist Nanded) 7;
- ✓ **Sikkim:** Ravangla (ARG): 7;
- ✓ **Coastal Karnataka:** Ankola (dist Uttara Kannada) 7, Karwar Obsy (dist Uttara Kannada) 7, Kumta (dist Uttara Kannada) 7, Manki (dist Uttara Kannada) 7, Gokarna (dist Uttara Kannada) 7,

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 Madhya Maharashtra on 27th September and over Andaman & Nicobar Islands and Konkan & Goa during 28th–29th 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 kutchra 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)