



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 26th September, 2023
Time of Issue: 1245 hours IST

Subject: 1) Conditions are becoming favourable for further withdrawal of Southwest Monsoon from some more parts of northwest & adjoining western India during next 2-3 days.
2) A Low Pressure Area is likely to form over north Andaman Sea & adjoining Eastcentral Bay of Bengal by around 30th September, 2023. Thereafter, it is likely to move west-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 & adjoining western India during next 2-3 days.

Significant Weather features:

- ❖ A cyclonic circulation lies over Telangana in lower tropospheric levels
- ❖ A trough runs from east Vidarbha to south Konkan in middle tropospheric levels.
- ❖ A cyclonic circulation lies over Westcentral Bay of Bengal off Andhra Pradesh coast in middle tropospheric levels.
- ❖ A cyclonic circulation is likely to form over north Andaman Sea & neighbourhood around 29th September. Under its influence a **Low Pressure Area** is likely to form over north Andaman Sea & adjoining Eastcentral Bay of Bengal during subsequent 24 hours. Thereafter, it is likely to move west-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 26th - 30th; Odisha on 29th & 30th and Jharkhand on 30th September.

Isolated very heavy rainfall very likely over Andaman & Nicobar Islands during 28th-30th September.

South India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** very likely over Tamil Nadu during 26th-30th; Coastal Andhra Pradesh on 26th & 30th; Coastal Karnataka and Kerala during 28th-30th; Interior Karnataka on 29th & 30th September.

West India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** very likely over Konkan & Goa, Madhya Maharashtra during 26th-29th and Marathwada on 26th September. **Isolated very heavy rainfall very likely over Konkan & Goa on 28th September.**

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

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>

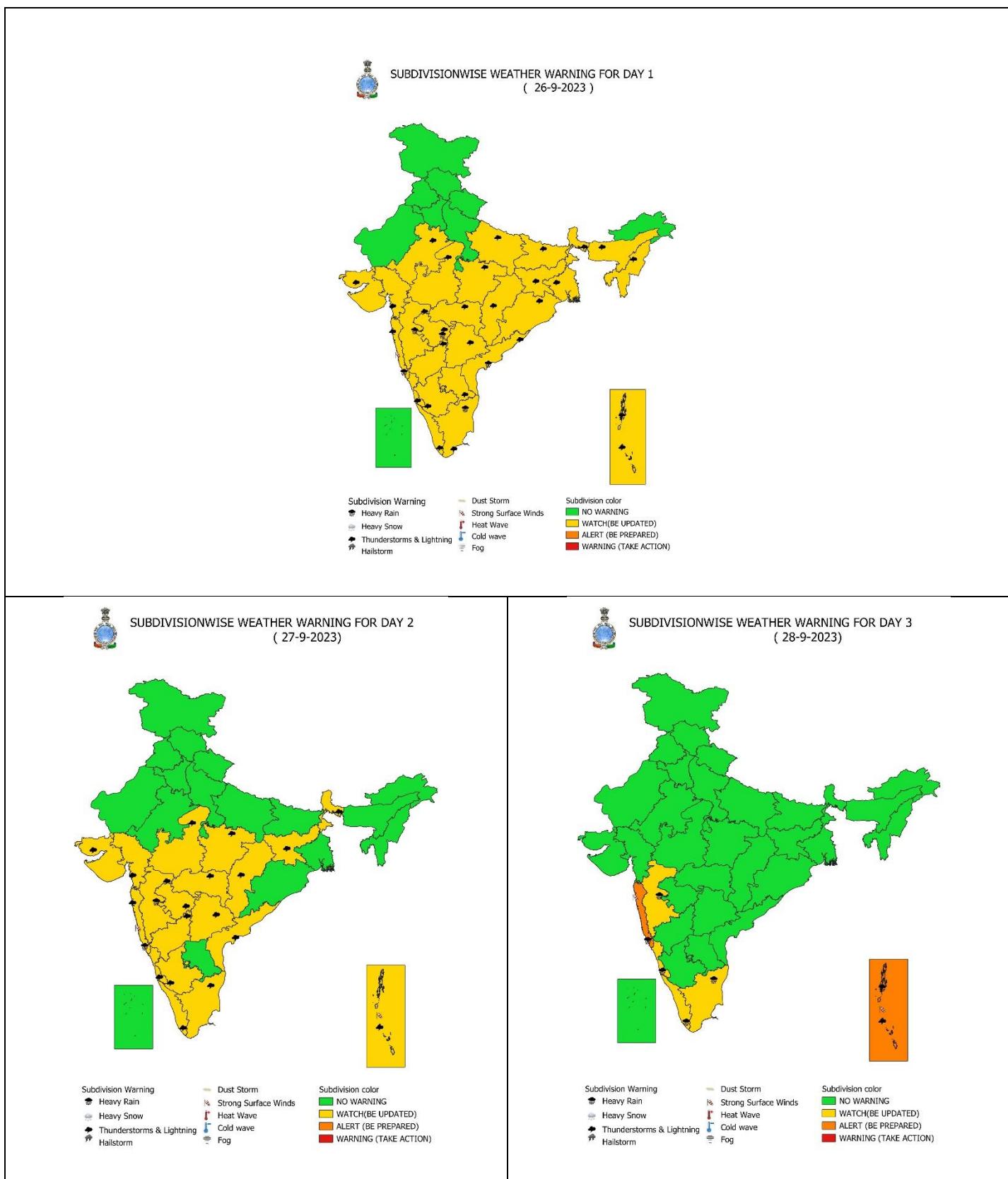
Annexure I

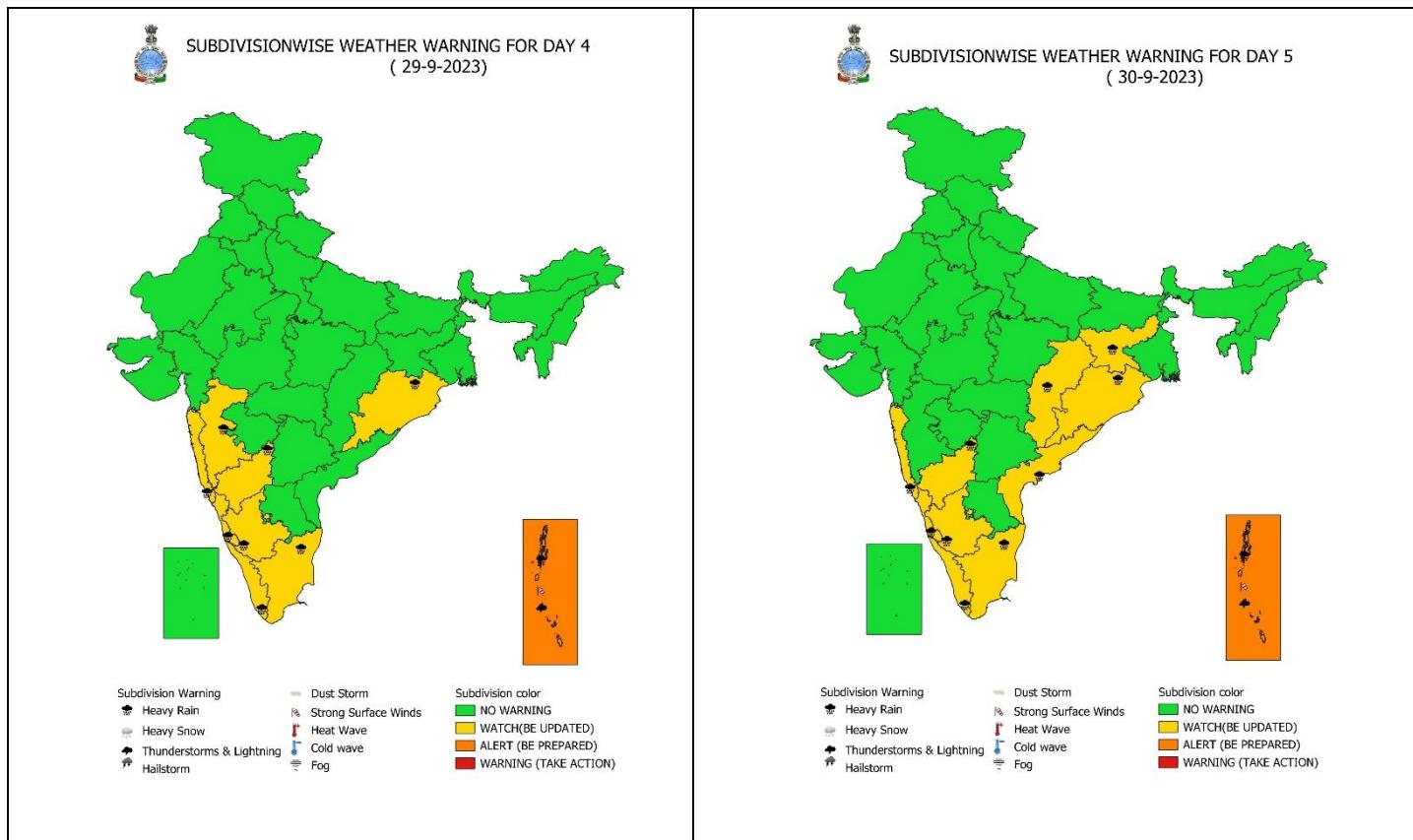
Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 26th September, 2023):

- **Heavy rainfall** at isolated places over Gujarat State, Tamil Nadu, Telangana, Konkan, Marathwada, Jharkhand and Odisha.
- **Significant rainfall recorded (in cm):**
- ✓ **Jharkhand:** Maharo, Jarmundi-9 each; Jama-8
- ✓ **Tamil Nadu:** Erode-8, Namakkal-7
- ✓ **Konkan:** Colaba - Imd Obsy (dist Mumbai City) 8, Ratnagiri - Imd Obsy (dist Ratnagiri) 5,
- ✓ **Marathwada:** Hadgaon (dist Nanded) 8, Ambejogai / Mominabad (dist Beed) 8, Sonpeth (dist Parbhani) 7, Dharur (dist Beed) 7, Mahur (dist Nanded) 7,
- ✓ **Gujarat State:** Choryasi (dist Surat) 7, Khambha (dist Amreli) 7,
- ✓ **Telangana:** Bazarhathnoor (dist Adilabad) 7
- ✓ **Odisha:** Alipingal (dist Jagatsinghpur) 7, Narla (dist Kalahandi) 7,

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

Annexure II





Impact & Action Suggested due to very heavy rainfall over Andaman & Nicobar Islands during 28th–30th 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 Widespred (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)	