



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

**Press Release  
Date: 26<sup>th</sup> 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 30<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 26<sup>th</sup> - 30<sup>th</sup>; Odisha on 29<sup>th</sup> & 30<sup>th</sup> and Jharkhand on 30<sup>th</sup> September.

**Isolated very heavy rainfall very likely over Andaman & Nicobar Islands during 28<sup>th</sup>-30<sup>th</sup> September.**

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

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

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

No significant weather over rest parts of the country.

For more details kindly refer:

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

## Annexure I

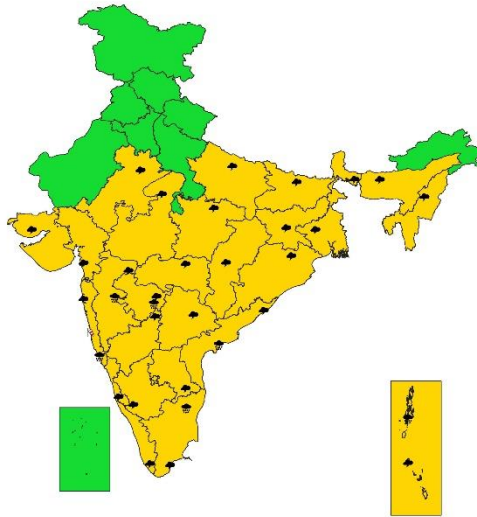
### Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 26<sup>th</sup> September, 2023):

- **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



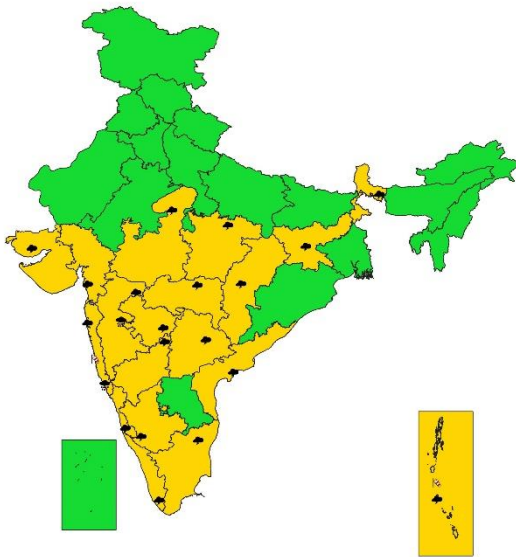
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 1**  
( 26-9-2023 )



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |



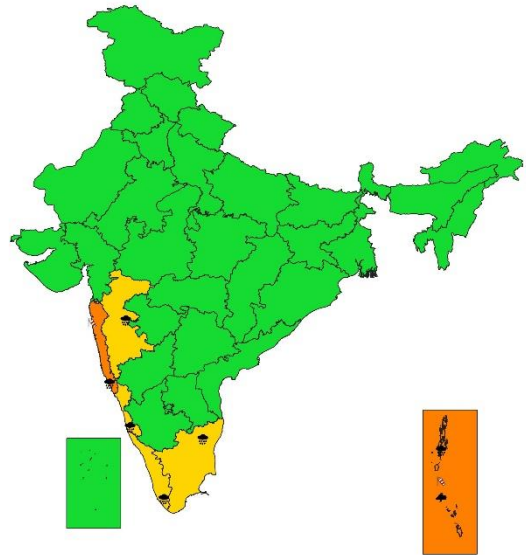
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 2**  
( 27-9-2023 )



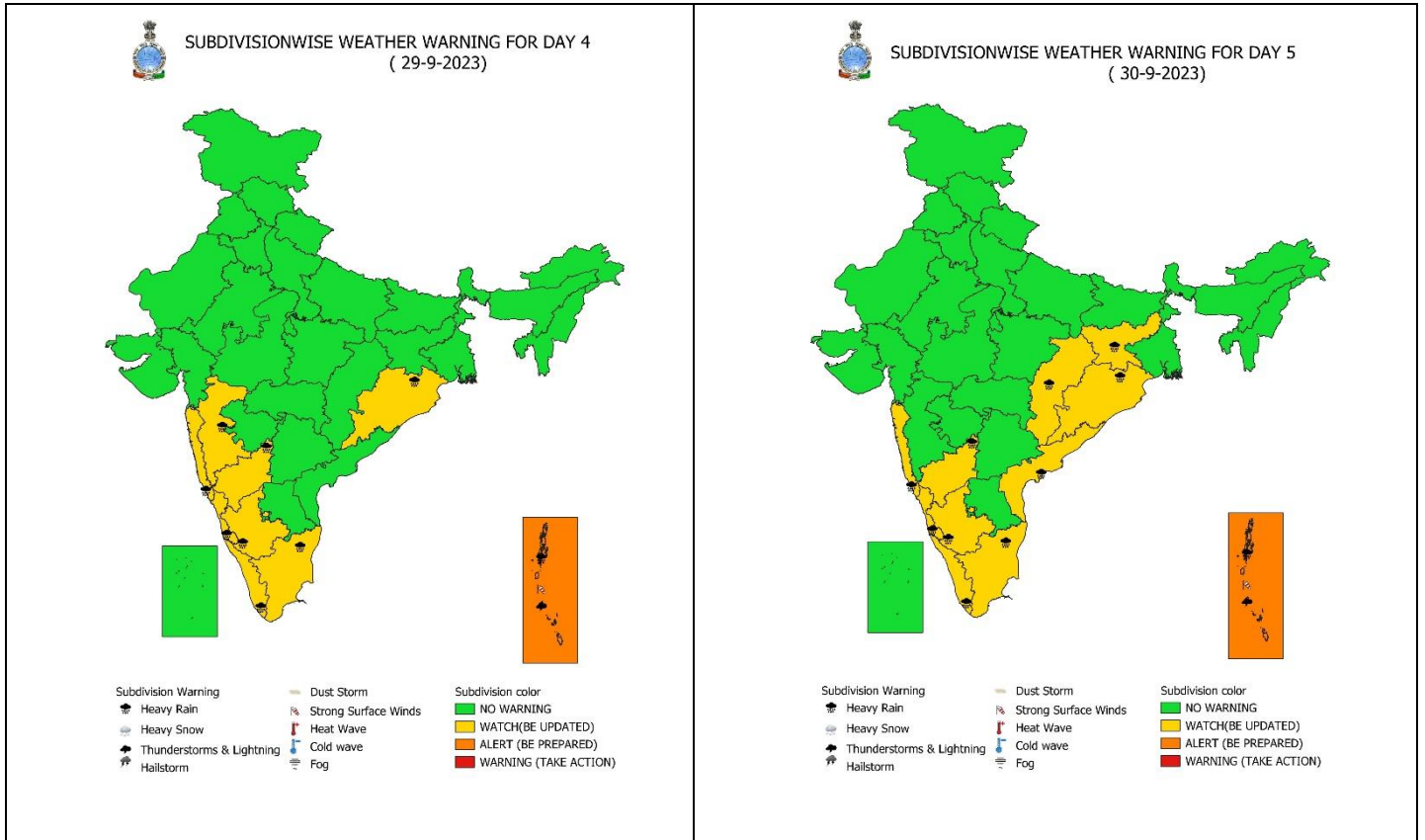
- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| Heavy Rain                 | Strong Surface Winds | NO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



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 3**  
( 28-9-2023 )



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |



**Impact & Action Suggested due to very heavy rainfall over Andaman & Nicobar Islands during 28<sup>th</sup>–30<sup>th</sup> 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.

<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	<span style="display: inline-block; width: 15px; height: 15px; background-color: #00FF00; border: 1px solid black;"></span> NO WARNING
Heavy Snow	Heat Wave	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; border: 1px solid black;"></span> WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF8C00; border: 1px solid black;"></span> ALERT (BE PREPARED)
Hailstorm	Fog	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black;"></span> 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>	
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black;"></span>	High Risk (Take Action)
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF8C00; border: 1px solid black;"></span>	Moderate Risk (Be Prepared)
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; border: 1px solid black;"></span>	Low Risk (Be Updated)