



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

**Press Release**

**Date: 03<sup>rd</sup> November, 2023**

**Time of Issue: 1315 hours IST**

**Subject: (i) Easterly wave likely to cause light to moderate rainfall at most places with isolated heavy rainfall over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and South Interior Karnataka during 03<sup>rd</sup>-06<sup>th</sup> November, 2023.**

**(ii) No significant weather over rest parts of the country during next 5 days.**

**Rainfall recorded during past 24 hours till 0830 hours IST of today:**

❖ **Heavy rainfall** recorded at isolated places over Tamil Nadu and Kerala.

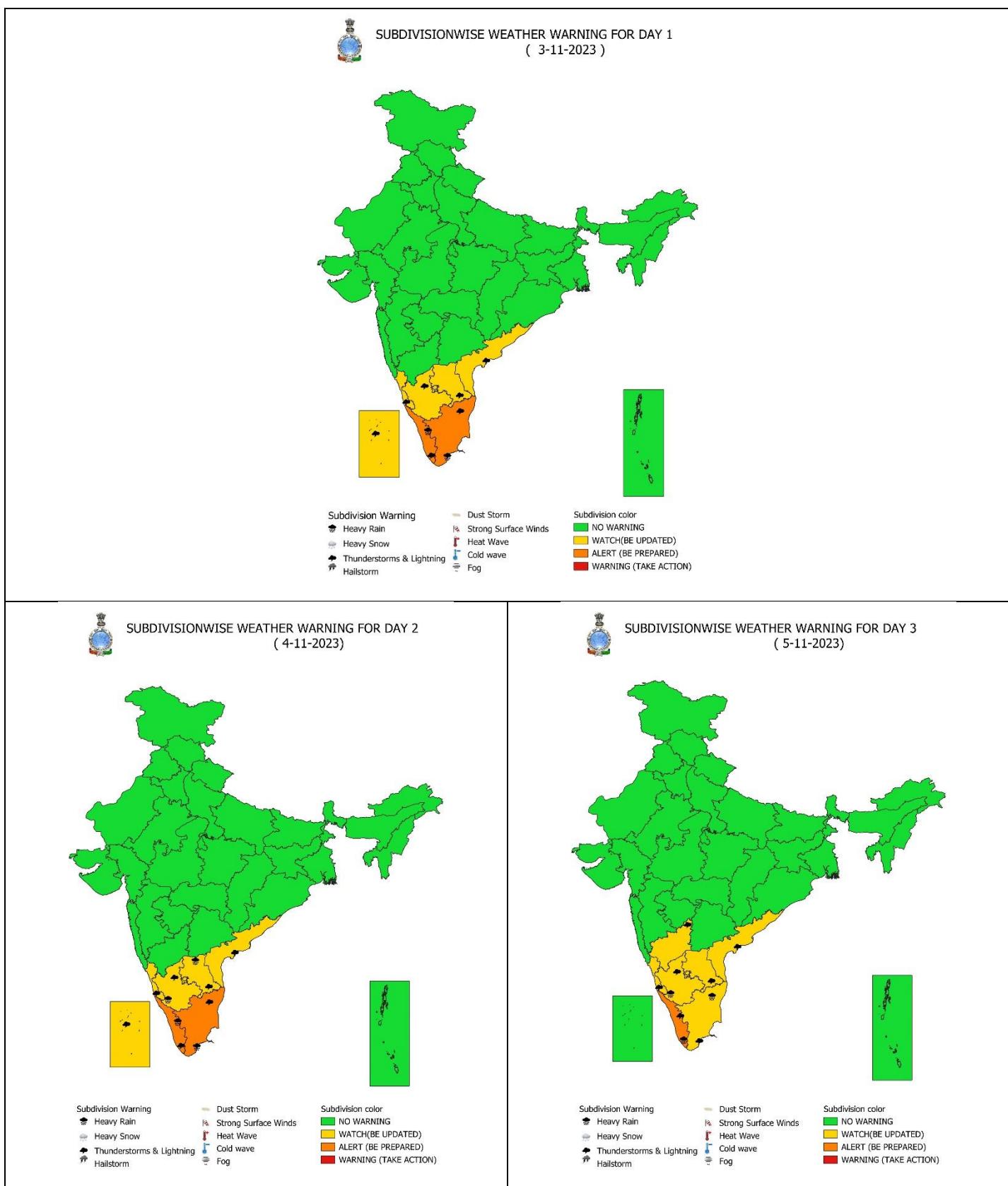
**Significant Rainfall Amount (in cm): Kerala:** Kudulu (Kasaragod district) 9; **Tamil Nadu:** Chidambaram AWS (dist. Cuddalore) 8, Annamalai Nagar (dist. Cuddalore) 7, Manjolai (dist. Tirunelveli) 7, Radhapuram (dist. Tirunelveli) 7, Kakkachi (dist. Tirunelveli) 7

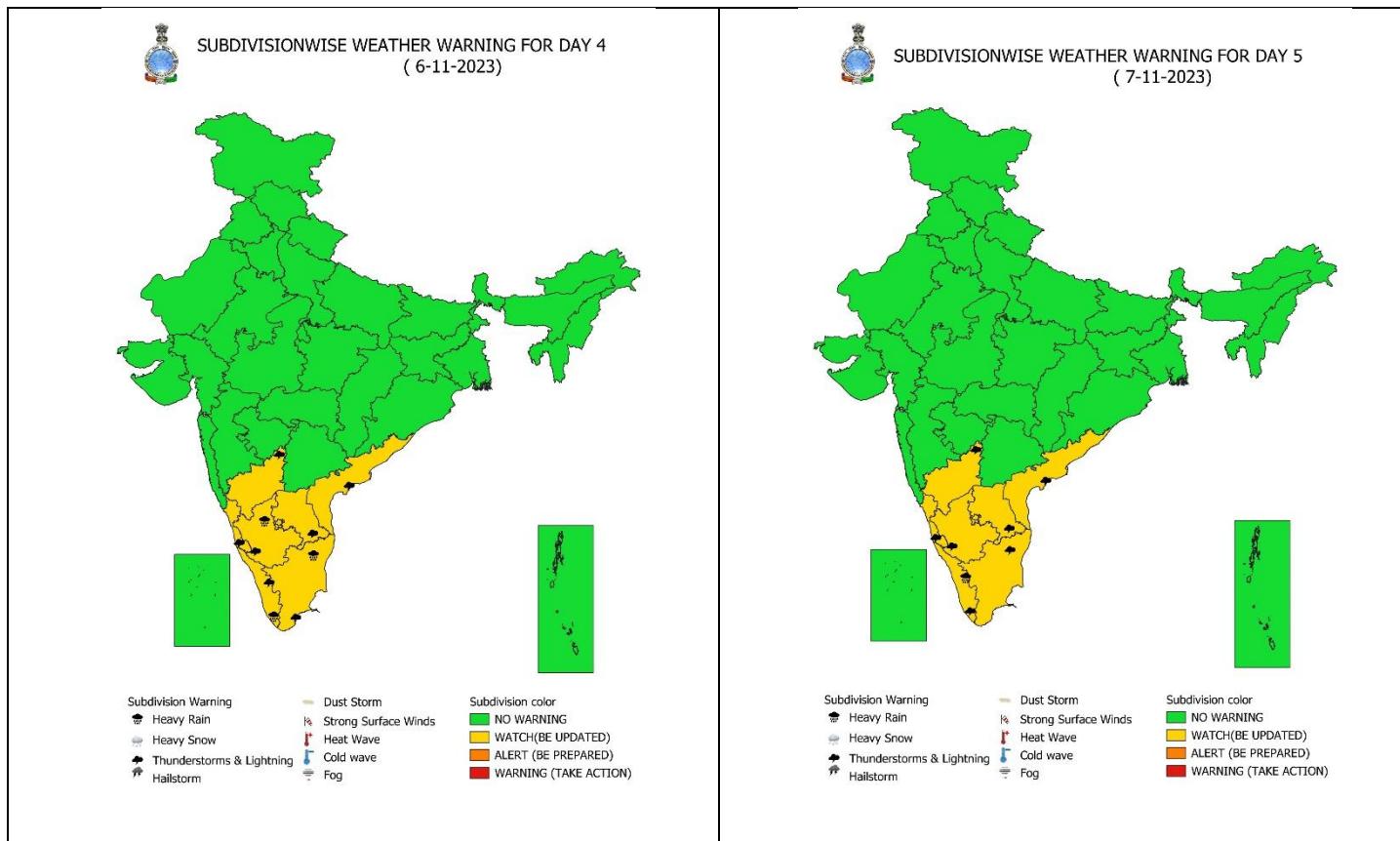
**Weather forecast & warnings for next 5 days: (Graphics in Annexure I)**

- ❖ Under the influence of a trough of low in easterlies over Southwest & adjoining Westcentral Bay of Bengal off Tamil Nadu coast in lower tropospheric levels:
  - ✓ Light/moderate fairly widespread to widespread rainfall very likely over south Peninsular India during next 7 days.
  - ✓ Isolated **heavy rainfall** very likely over Kerala-Mahe during 03<sup>rd</sup> to 07<sup>th</sup>; over Tamil Nadu, Puducherry & Karaikal during 03<sup>rd</sup> to 06<sup>th</sup> and over South Interior Karnataka during 04<sup>th</sup> to 06<sup>th</sup> November.
  - ✓ Isolated **Very heavy rainfall** very likely over Tamil Nadu, Puducherry & Karaikal on 03<sup>rd</sup> & 04<sup>th</sup> and over Kerala & Mahe during 03<sup>rd</sup>-05<sup>th</sup> November.
- ❖ Under the influence of a feeble Western Disturbance; light rainfall/snowfall at isolated places likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand on 03<sup>rd</sup> November.
- ❖ Light/moderate scattered to fairly widespread rainfall very likely over Andaman & Nicobar Islands during next 7 days.
- ❖ A fresh **Western Disturbance** is likely to affect Western Himalayan Region from the night of 07<sup>th</sup> November, 2023. Under its influence; light rainfall/snowfall at isolated places likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 07<sup>th</sup>-09<sup>th</sup> November.
- ❖ **No significant weather likely 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





**Impact & Action Suggested due to very heavy rainfall** over Tamil Nadu, Puducherry & Karaikal on 03<sup>rd</sup> & 04<sup>th</sup> and Kerala & Mahe during 03<sup>rd</sup>-05<sup>th</sup> November.

#### 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
- ❖ 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.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation
- ❖ **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		Flash Flood Risk	
Terms	Probability of Occurrence (%)		
Unlikely	< 25	High Risk (Take Action)	
Likely	25 - 50	Moderate Risk (Be Prepared)	
Very Likely	50 - 75	Low Risk (Be Updated)	
Most Likely	> 75		