



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

**Press Release**  
**Date: 05<sup>th</sup> November, 2023**  
**Time of Issue: 1230 hours IST**

**Subject: (i) Isolated heavy rainfall very likely to continue over south peninsular India during 05<sup>th</sup>-08<sup>th</sup> November with very heavy rainfall over Kerala on 05<sup>th</sup>-06<sup>th</sup>, and over Tamil Nadu on 05<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: (Annexure I)**

❖ Heavy to very heavy rainfall recorded at isolated places over Tamil Nadu and Kerala and heavy rainfall at isolated places over Arunachal Pradesh and Rayalaseema.

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

❖ A cyclonic circulation lies over north Tamil Nadu & neighbourhood and extends upto mid tropospheric levels. Under its influence:

- ✓ Light/moderate fairly widespread to widespread rainfall very likely over south Peninsular India during next 5 days and decrease thereafter.
- ✓ Isolated **heavy rainfall** very likely over Coastal Andhra Pradesh & Yanam and Coastal Karnataka on 05<sup>th</sup>; over Kerala-Mahe during 05<sup>th</sup>-09<sup>th</sup>; over Tamil Nadu, Puducherry & Karaikal during 05<sup>th</sup>-08<sup>th</sup>; over Rayalaseema and South Interior Karnataka on 05<sup>th</sup> & 06<sup>th</sup> November.
- ✓ Isolated **Very heavy rainfall** also very likely over Kerala & Mahe on 05<sup>th</sup> & 06<sup>th</sup> and Tamil Nadu, Puducherry & Karaikal on 05<sup>th</sup> November.

❖ Light/moderate rainfall at some places 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 during 07<sup>th</sup>-09<sup>th</sup> and Himachal Pradesh and Uttarakhand on 08<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>

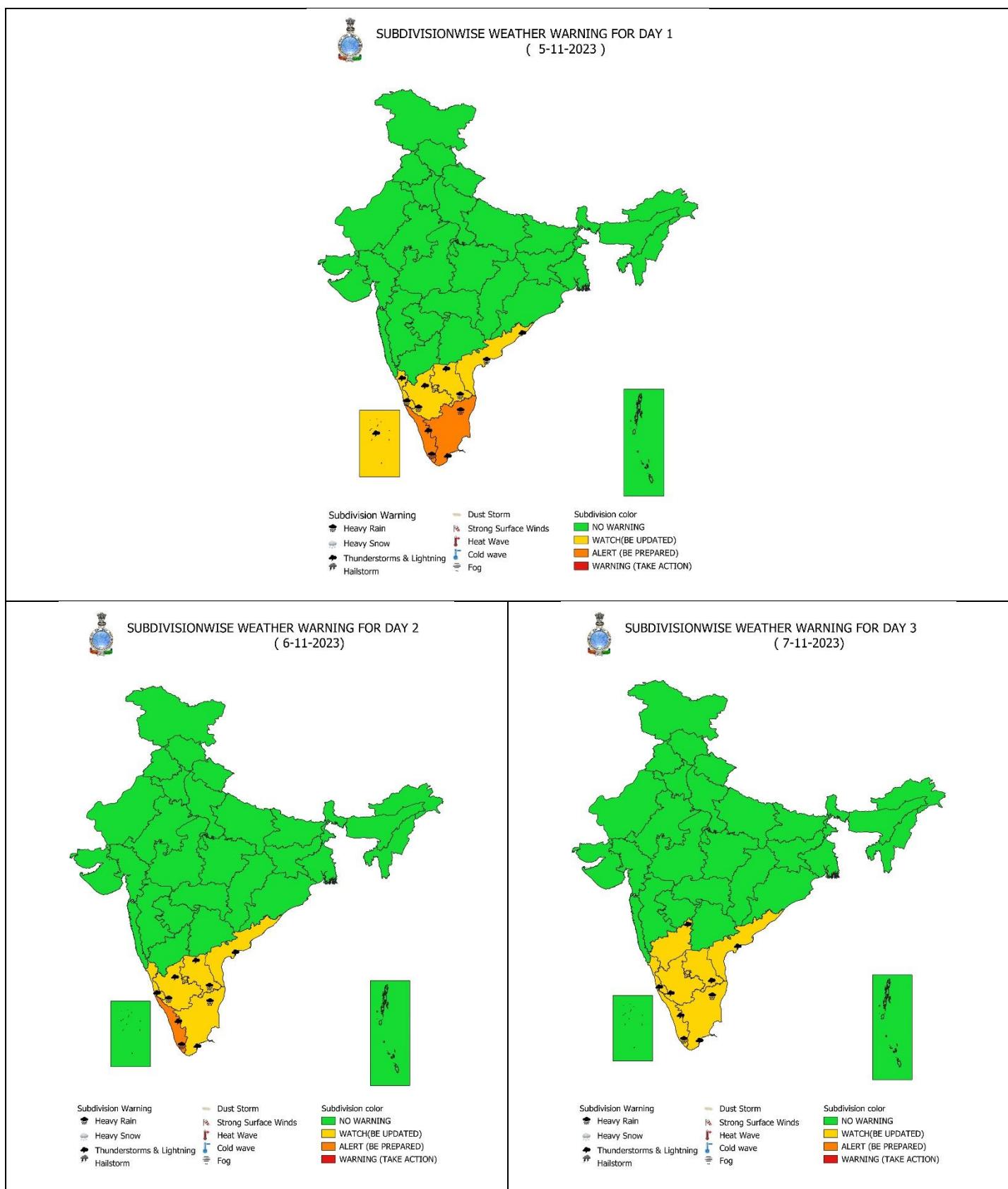
**Significant Rainfall Amount (in cm):**

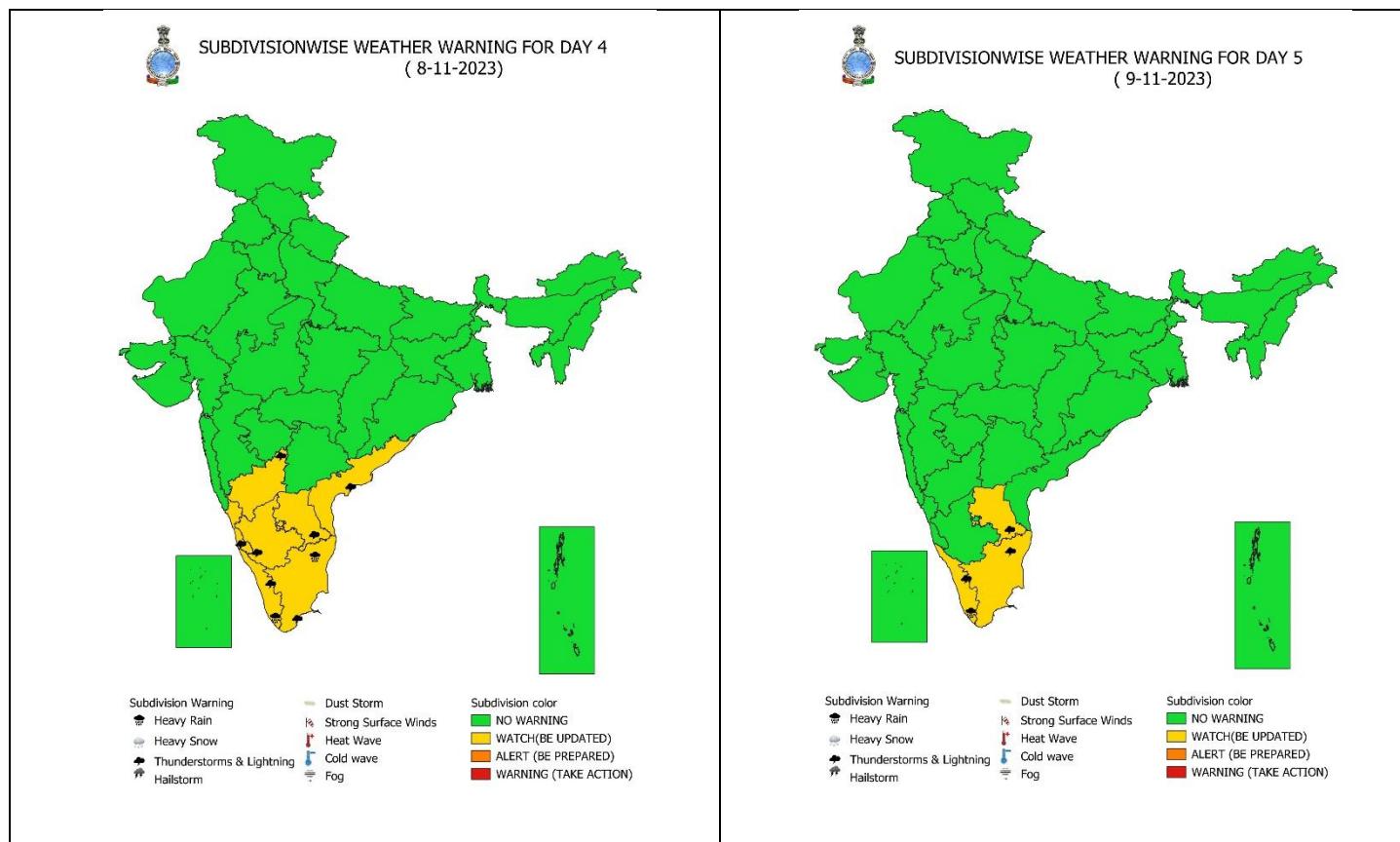
**Kerala:** Kochi C.i.a.l. (dist Ernakulam) 19, Neeleswaram Arg (dist Ernakulam) 17, Irinjalakuda (dist Thrissur) 12, Peringalkuthu Aws (dist Thrissur) 12, Aluva Aws (dist Ernakulam) 11, Idamalayar Dam Aws (dist Ernakulam) 11, Alwaye Pwd (dist Ernakulam) 11, Vannamada Aws (dist Palakkad) 10, Angadipuram (dist Malappuram) 10, North Paravur Aws (dist Ernakulam) 9, Vilangankunnu Arg (dist Thrissur) 9, Perinthalamanna (dist Malappuram) 9, Kodungallur (dist Thrissur) 9, Vadavathur Aws (dist Kottayam) 9, Kollengode Aws (dist Palakkad) 9, Kollamkode (dist Palakkad) 9, Anayirankal Dam Aws (dist Idukki) 9, Vellanikkara (dist Thrissur) 9, Myladumpara\_agri (dist Idukki) 9, Pothundy Dam Aws (dist Palakkad) 9, Ponnani (dist Malappuram) 8, Chittur (dist Palakkad) 8, Kochi I.a.f. (dist Ernakulam) 8, Muvattupuzha Arg (dist Ernakulam) 8, Keerampara Arg (dist Ernakulam) 7, Chimonni Arg (dist Thrissur) 7, Vadakkancherry (dist Thrissur) 7, Ranni Aws (dist Pathanamthitta) 7, Neryamangalam Arg (dist Ernakulam) 7, Palode Aws (dist Thiruvananthapuram) 7, Peringamala Arg (dist Thiruvananthapuram) 7, Enamakkal (dist Thrissur) 7, Meenkara Arg (dist Palakkad) 7;

**Tamil Nadu:** Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore) 13 each, Veerapandi (dist Theni), Tondi (dist Ramanathapuram) 11 each, Bodinaickanur (dist Theni), Shencottah (dist Tenkasi), PWD (dist Tiruppur) 10 each, Thammampatty (dist Salem), Elanthakuttai Medu (dist Erode), Ramanathapuram (dist Ramanathapuram), Edapadi (dist Salem), Kumarapalayam (dist Namakkal) 9 each, Valparai PTO (dist Coimbatore), Andipatti (dist Madurai), Valinokam (dist Ramanathapuram), Mohanur (dist Namakkal), Pattukottai (dist Thanjavur) 8 each, Bhavani (dist Erode), Chinnakalar (dist Coimbatore), Pulipatti (dist Madurai), Modakkurichi (dist Erode), Pillur Dam Mettupalayam (dist Coimbatore), Kunderipallam (dist Erode), Ambur (dist Tirupathur), Sankaridurg (dist Salem), Kil Kotagiri Estate (dist The Nilgiris), R.S.Mangalam (dist Ramanathapuram), Pambar Dam (dist Krishnagiri) 7 each;

**Rayalaseema:** Kurnool (dist Kurnool) 11;

**Arunachal Pradesh:** Boleng AWS (dist Siang) 8.





**Impact & Action Suggested due to very heavy rainfall** over Tamil Nadu on 05<sup>th</sup> and over Kerala & Mahe on 05<sup>th</sup> & 06<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	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

Flash Flood Risk	
Color	Description
Red	High Risk (Take Action)
Orange	Moderate Risk (Be Prepared)
Yellow	Low Risk (Be Updated)