



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

Press Release

Date: 03rd 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 03rd-06th 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:

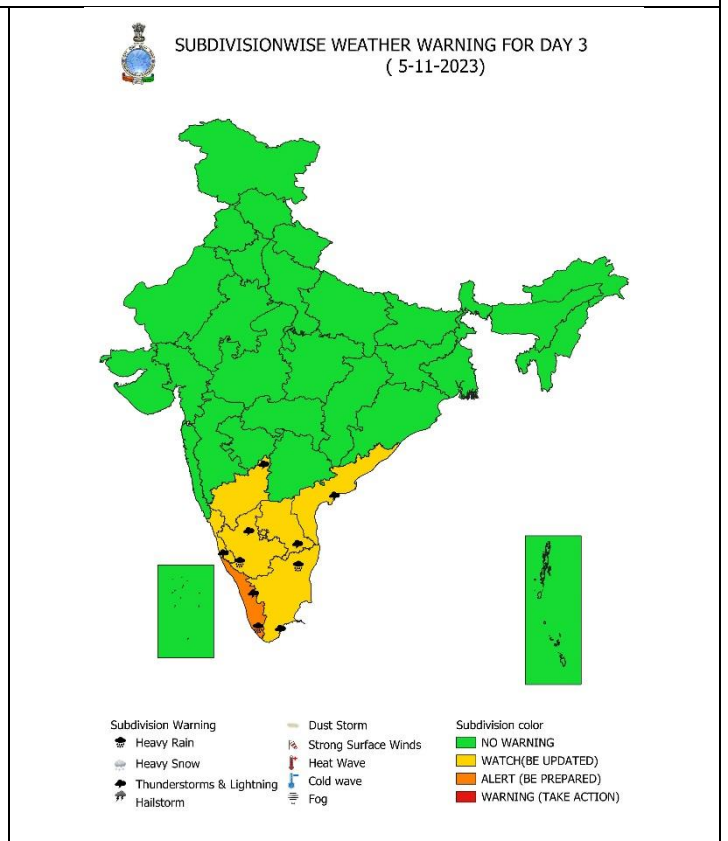
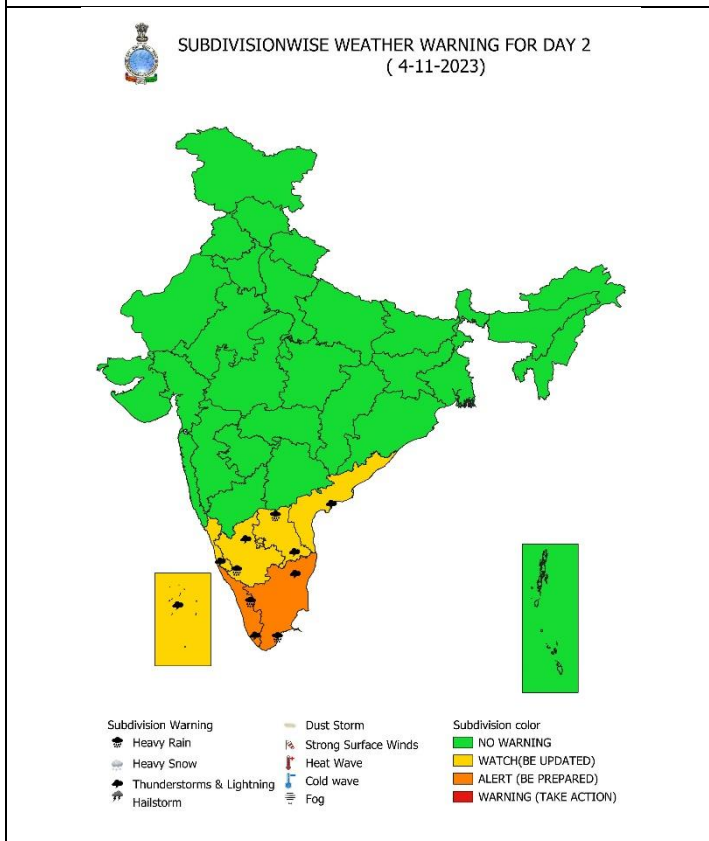
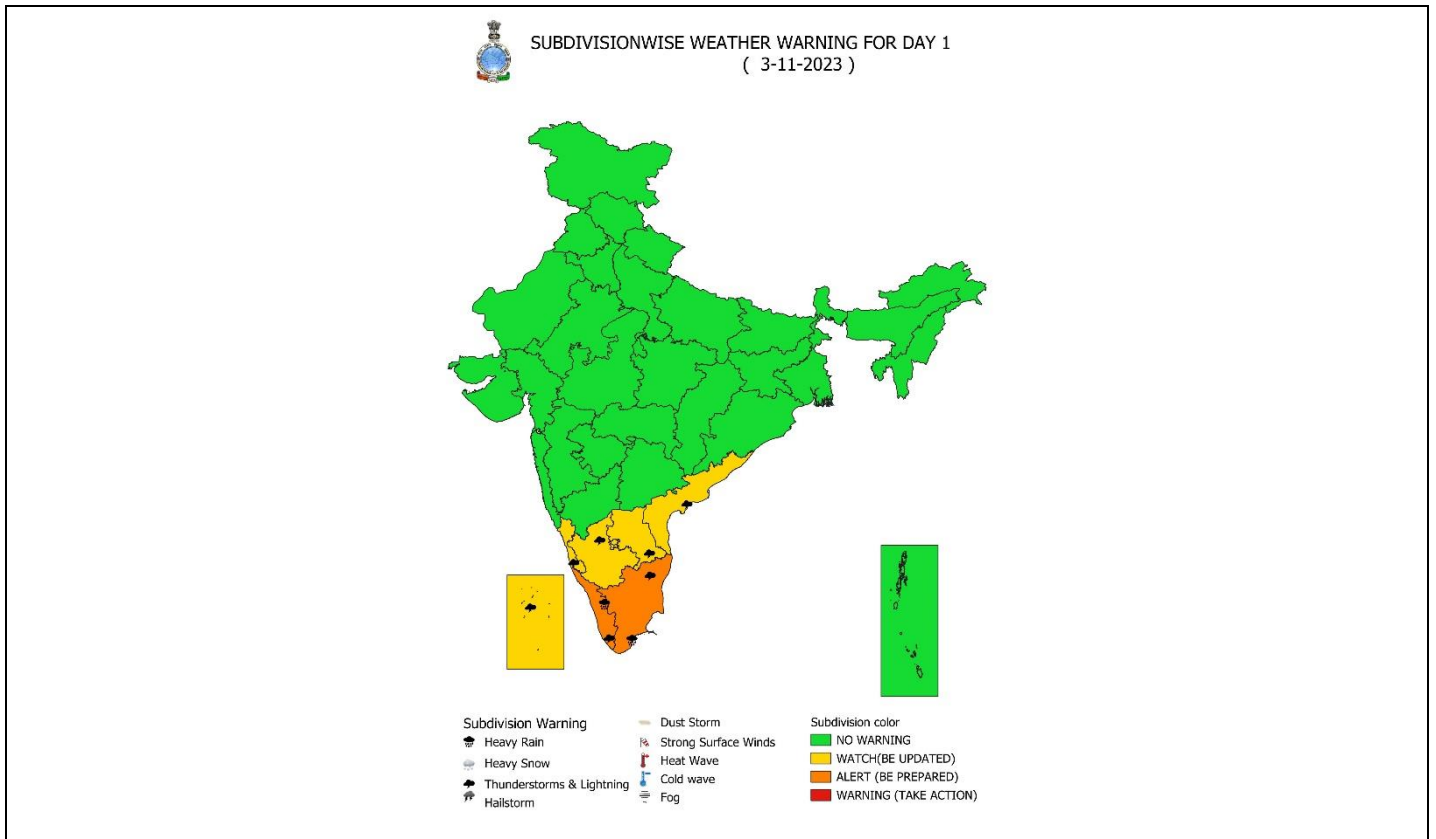
❖ **Heavy rainfall** recorded at isolated places over Tamil Nadu and Kerala.

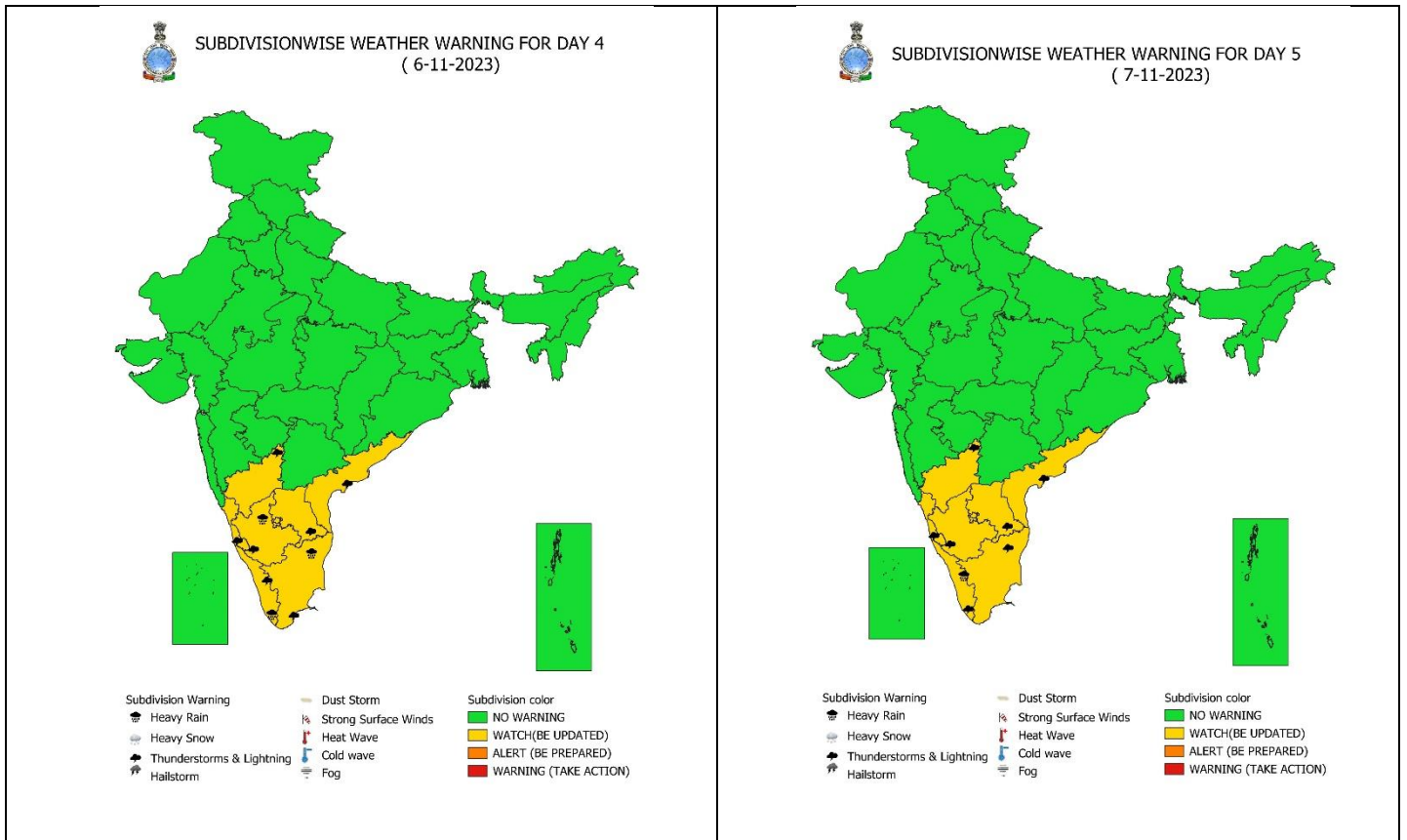
Significant Rainfall Amount (in cm): Kerala: Kudulu (Kasaragod district) 9; **Tamil Nadu:** Chidambaram AWS (dist. Cuddalore) 8, Annamalai Nagar (dist. Cuddalore) 7, Manjolai (dist. Tirunelveli) 7, Radhapuram (dist. Tirunelveli) 7, Kakkachi (dist. Tirunelveli) 7

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 03rd to 07th; over Tamil Nadu, Puducherry & Karaikal during 03rd to 06th and over South Interior Karnataka during 04th to 06th November.
 - ✓ Isolated **Very heavy rainfall** very likely over Tamil Nadu, Puducherry & Karaikal on 03rd & 04th and over Kerala & Mahe during 03rd-05th 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 03rd 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 07th November, 2023. Under its influence; light rainfall/snowfall at isolated places likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 07th-09th November.
- ❖ **No significant weather likely over rest parts of the country.**

For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php





Impact & Action Suggested due to very heavy rainfall over Tamil Nadu, Puducherry & Karaikal on 03rd & 04th and Kerala & Mahe during 03rd-05th 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	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)