



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

Press Release

Date: 09th November, 2023

Time of Issue: 1300 hours IST

Subject: (i) Isolated heavy rainfall very likely to continue over Tamil Nadu, Puducherry & Karaikal and Kerala on 09th & 10th November, 2023 and significant reduction thereafter.

(ii) A Western Disturbance is likely to cause isolated to scattered light/moderate rainfall/snowfall over Western Himalayan Region and isolated light rainfall over adjoining plains on 09th & 10th November, 2023.

Rainfall recorded during past 24 hours till 0830 hours IST of today: (Annexure I)

❖ Heavy to very heavy rainfall with extremely heavy falls at isolated places over Tamil Nadu, Puducherry & Karaikal; heavy to very heavy rainfall at isolated places over Kerala and heavy rainfall at isolated places over Rayalaseema and interior Karnataka.

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

❖ Yesterday's Low Pressure area over Eastcentral Arabian Sea persists.
❖ Strong Easterly/Northeasterly winds from Bay of Bengal is prevailing over Southeast peninsular India and a **cyclonic circulation** over Comorin area in lower tropospheric levels.
❖ Under the influence of above systems;
 ✓ Light/moderate scattered to fairly widespread rainfall very likely over south Peninsular India and light/moderate isolated to scattered rainfall over Konkan & Goa and Madhya Maharashtra during next 2 days and decrease thereafter.
 ✓ Isolated **heavy rainfall** very likely over Lakshadweep on 09th November and over Kerala and Tamil Nadu, Puducherry & Karaikal on 09th & 10th November.
 ✓ Isolated **very heavy rainfall** also likely over Tamil Nadu on 09th November.
❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 65°E to the north of Lat. 28°N. Under its influence;
 ✓ Light to moderate isolated rainfall/snowfall very likely over Uttarakhand on 09th & 10th November; scattered to fairly widespread rainfall/snowfall over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh on 09th & 10th November. Isolated light rainfall over Punjab, Haryana, Chandigarh on 09th & 10th November; over West Rajasthan on 09th November and over Delhi on 10th November.
❖ Light/moderate scattered to fairly widespread rainfall very likely over Andaman & Nicobar Islands during next 7 days.
❖ **No significant weather likely over rest parts of the country.**

Minimum Temperature Forecast:

Gradual fall by 2-4°C in minimum temperatures over many parts of Northwest India after 48 hours.

For more details kindly refer: <https://mausam.imd.gov.in/responsive/all india forcast bulletin.php>

Annexure I

Significant Rainfall Amount (in cm):

Tamil Nadu: Kil Kotagiri Estate (dist The Nilgiris) 23, Pillur Dam Mettupalayam (dist Coimbatore) 15, Moolaikaraipatti (dist Tirunelveli) 14, Nambiyur (dist Erode), Avinasi (dist Tiruppur) 12, Azhiyar (dist Coimbatore) 11, TNAU Coimbatore (dist Coimbatore), Periyanaickenpalayam (dist Coimbatore) 10 each, Watrap (dist Virudhunagar), Tuticorin PTO (dist Thoothukudi), BhavaniSagar (dist Erode), Virudhunagar (dist Virudhunagar), Rajapalayam (dist Virudhunagar), Alakarai Estate (dist The Nilgiris) 9 each, Kothavacherry (dist Cuddalore), Ottapadiram (dist Thoothukudi), Coonoor PTO (dist The Nilgiris), Melur (dist Madurai), PWD (dist Tiruppur), Andipatti (dist Theni), Kalial (dist Kanniyakumari) 8 each, Coimbatore South (dist Coimbatore), Ramanathapuram (dist Ramanathapuram), Parangipettai (dist Cuddalore), Kurinjipadi (dist Cuddalore), Idayapatti (dist Madurai), Ramnadu KV AWS (dist Ramanathapuram), Mettupalayam (dist Coimbatore), Budalur (dist Thanjavur), Mambzhathuraiyaru (dist Kanniyakumari), Kadaladi (dist Ramanathapuram), Kalakadu (dist Tirunelveli) 7 each

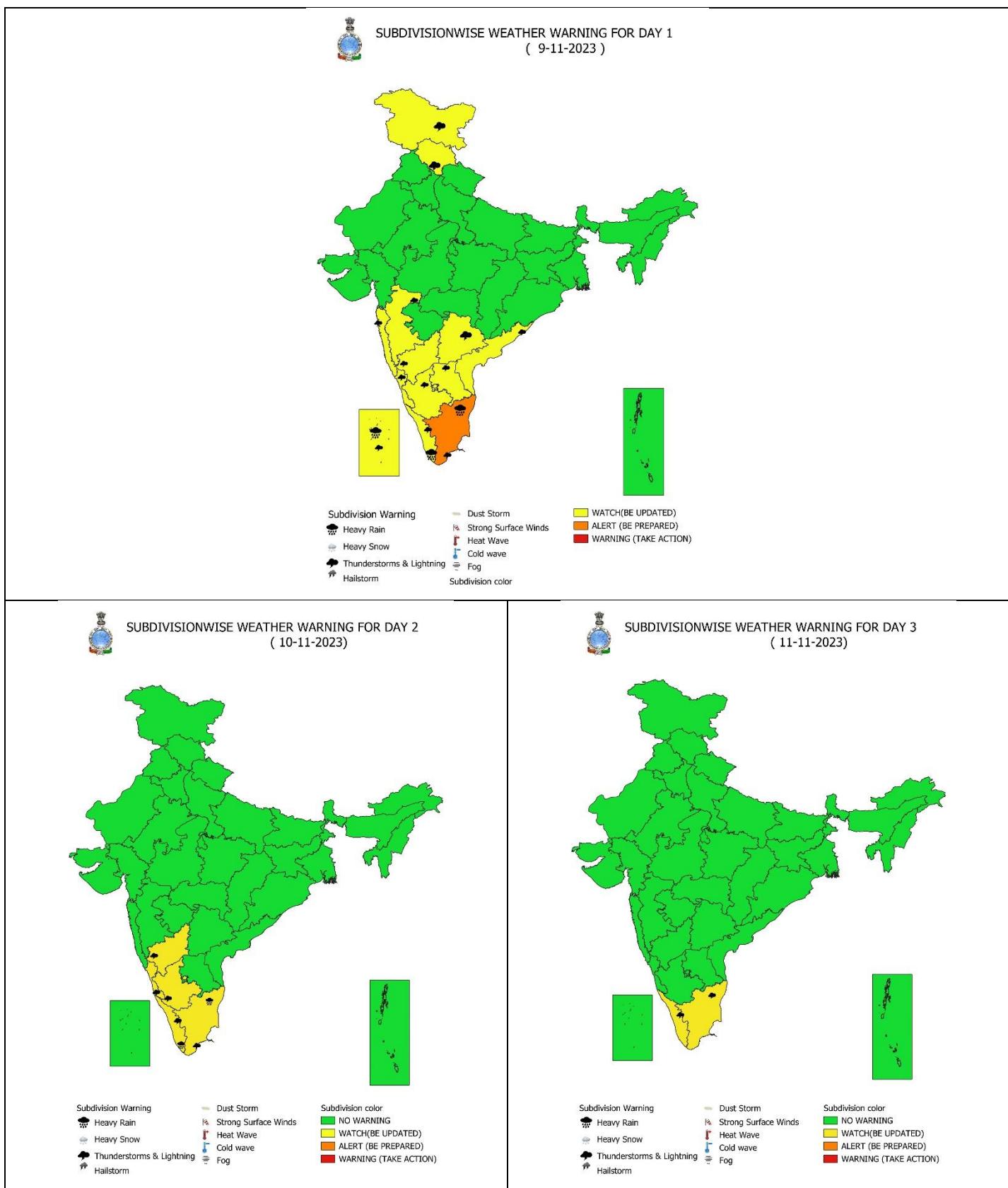
Kerala: Kannur (dist Cannur) 16, Peruvannamuzhi Arg (dist Kozhikode) 13, Kannur Icar Aws (dist Cannur) 13, Pinarayi Aws (dist Cannur) 11, Thritla (dist Palakkad) 11, Taliparamba (dist Cannur) 10, Kollengode Aws (dist Palakkad) 9, Kollamkode (dist Palakkad) 9, Vilangad Aws (dist Kozhikode) 9, Panathur Aws (dist Kasargod) 9, Vellarikkundu Aws (dist Kasargod) 9, Urumi Aws (dist Kozhikode) 9, Pattembi (dist Palakkad) 8, Ottapalam Aws (dist Palakkad) 8, Panniyoor Arg (dist Cannur) 8, Kalpeta Aws (dist Wynad) 8, Pothundy Dam Aws (dist Palakkad) 7, Pookot (dist Wynad) 7, Chemberi Aws (dist Cannur) 7, Venkurinji Aws (dist Pathanamthitta) 7, Sengulam Dam Aws (dist Idukki) 7,

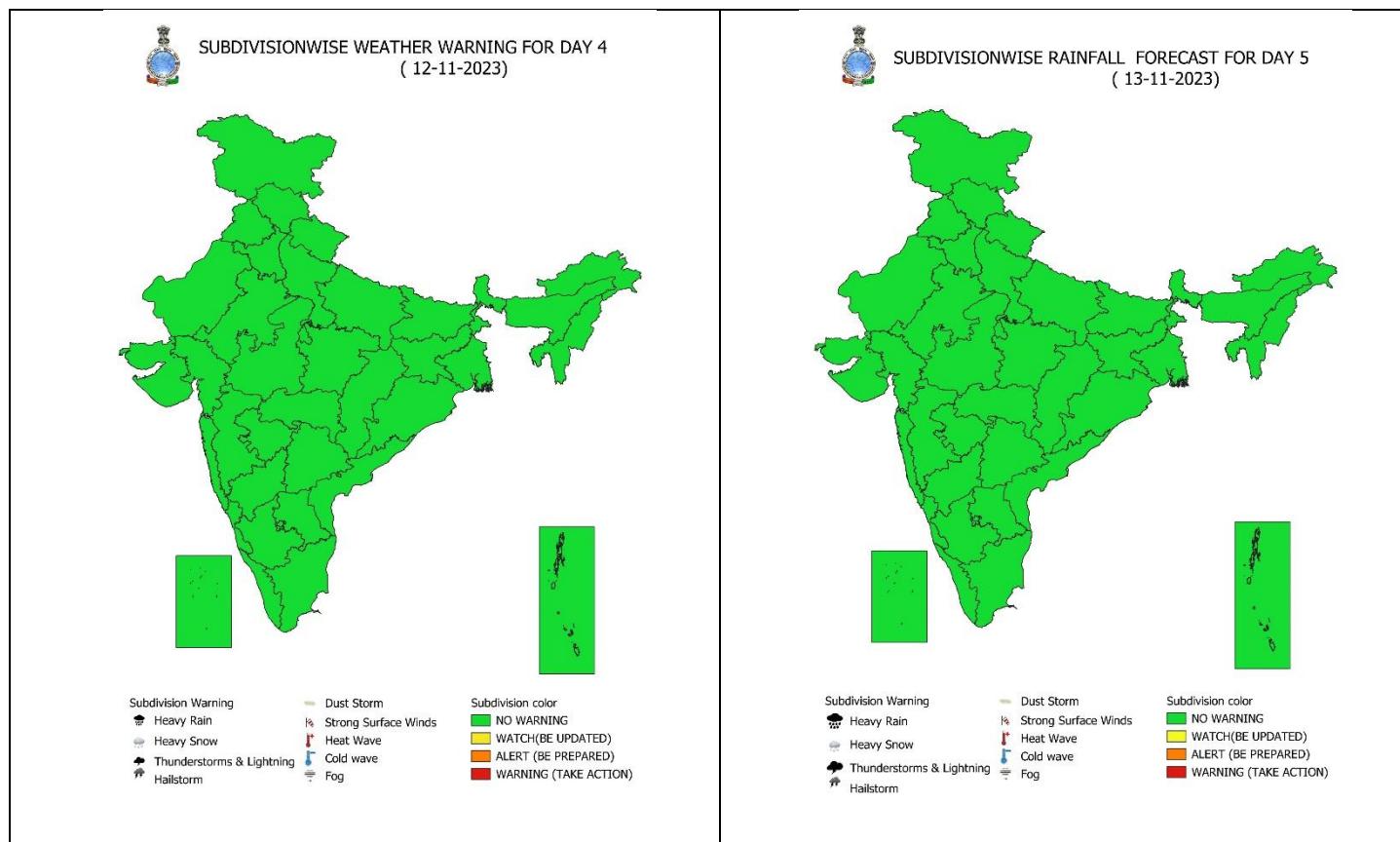
North Interior Karnataka: Bevoor (dist Koppal) 7

South Interior Karnataka: Balehonnur (dist Chikkamagaluru) 9, Thalaguppa (dist Shivamogga) 8, Bhagamandala (dist Kodagu) 7

Rayalaseema: Gooty (dist Anantapuramu) 7

Annexure II





Impact & Action Suggested due to very heavy rainfall over Tamil Nadu, Puducherry & Karaikal on 09th November,2023.

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)	