



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

**Press Release
Date: 07th November, 2022
Time of Issue: 1215 hrs IST**

**Subject: i) Fairly widespread light/moderate rainfall/snowfall likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and Himachal Pradesh during 09th-10th November, 2022 and reduction thereafter.
ii) Isolated heavy rainfall spell likely over southeast peninsular India from 11th November, 2022.**

Weather observed during past 24 hours ending at 0830 hrs IST of today:

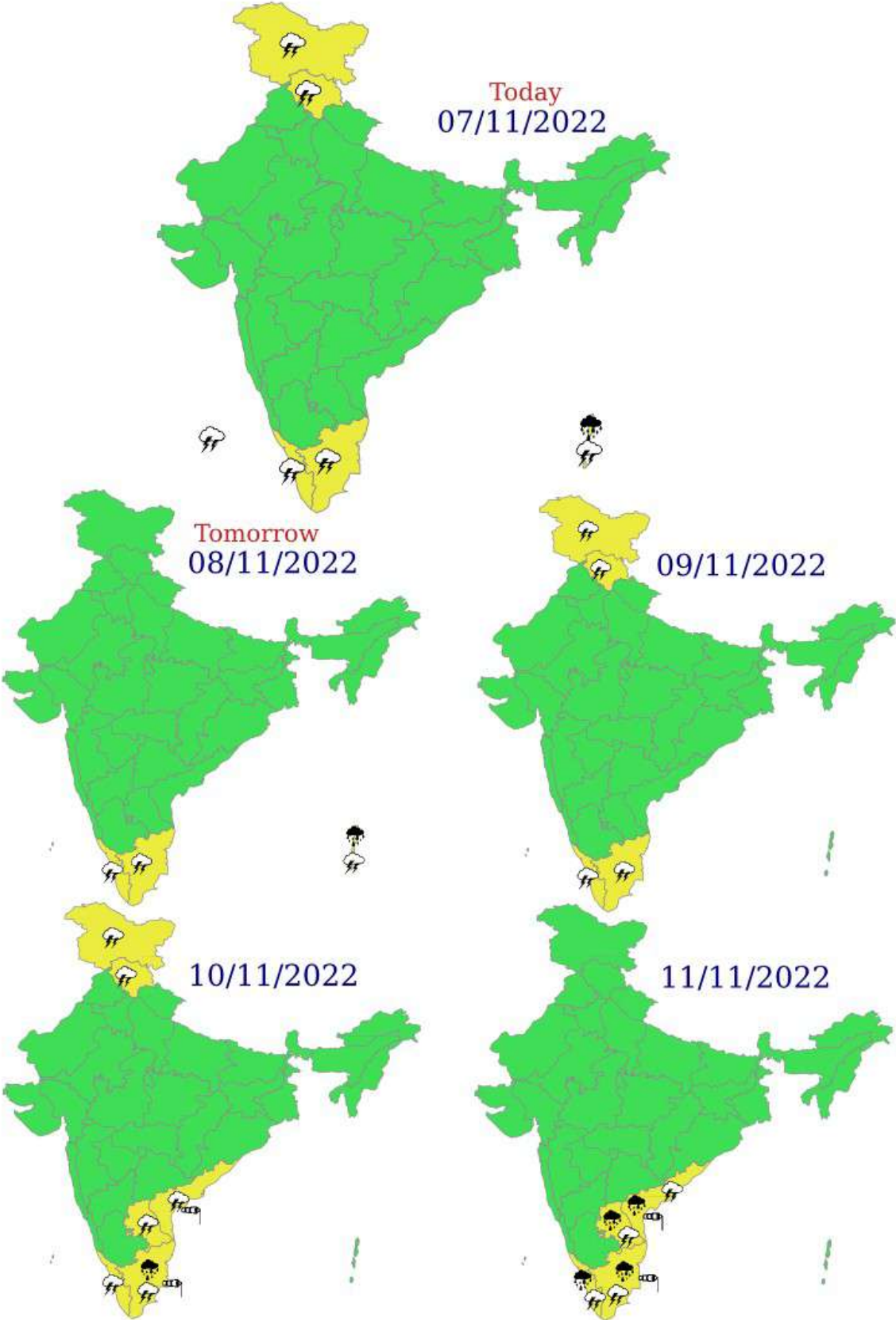
- ❖ **Heavy rainfall** at isolated places occurred over Kerala.
- ❖ **Rainfall (in cm): Kerala:** Kottarakkara (Kollam district) 11, Anakayam (Malappuram) 9, Patahanamthitta 9, Kanjirappally (Kottayam) 8, Thiruvananthapuram Airport, Kurudamannil (Pathanamthitta); Mavelikkara (Alappuzha) 6 each, **Tamilnadu:** Kanyakumari: Kaliai-6; **Jammu:** Srinagar: Shalimar Agro-4

Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure I)

- A Western Disturbance as a trough in westerlies in lower & middle tropospheric levels runs along Long. 62°E to the north of Lat. 30°N. A fresh Western Disturbance also likely to affect Western Himalayan Region from 09th November. Under their influence;
 - ❖ Fairly widespread light/moderate rainfall/snowfall likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad and Himachal Pradesh and isolated light/moderate rainfall/snowfall over Uttarakhand on 07th and during 09th-10th November, 2022.
 - ❖ Isolated light rainfall/drizzle likely over north Punjab and north Haryana during 09th-10th and over north Rajasthan on 08th November, 2022.
- An east-west trough runs from Southeast Bay of Bengal & adjoining Equatorial Indian Ocean to Southwest Bay of Bengal off south Sri Lanka in lower tropospheric levels. Under its influence:
 - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe and south Andhra Pradesh from 11th November. Isolated **very heavy rainfall** also likely over Tamil Nadu-Puducherry-Karaikal on 11th November, 2022.
 - ❖ **Strong winds (wind speed 45-55 kmph gusting to 65 kmph)** likely to prevail over Tamilnadu-south Andhra Pradesh coasts on 10th & 11th November, 2022.
 - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Andaman & Nicobar Islands on 07th & 08th November.
- A Low Pressure area is likely to form over southwest Bay of Bengal off Sri Lanka coast around 09th November, 2022. It is very likely to move northwestwards towards Tamilnadu-Puducherry coasts with possible slight intensification during subsequent 48 hours.

For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php



Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **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)



WARNING	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

