



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

**Press Release
Date: 05th November, 2022
Time of Issue: 1145 hrs IST**

**Subject: (i) Gradual decrease in rainfall activity over south Peninsular India after 24 hours for subsequent 3-4 days.
(ii) Wet spell over Western Himalayan Region & adjoining plains during next 2-3 days.**

Weather observed during past 24 hours ending at 0830 hrs IST of today: (in Annexure I)

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

- A Western Disturbance as a trough in westerlies in lower & middle tropospheric levels runs along Long. 60°E to the north of Lat. 30°N and an induced cyclonic circulation lies over north Pakistan & adjoining Punjab at lower tropospheric levels. As a result;
 - ❖ Scattered/Fairly widespread light/moderate rainfall/snowfall likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad and Himachal Pradesh on 06th & 07th; isolated light/moderate rainfall/snowfall over Uttarakhand on 06th & 07th and isolated light rainfall over Punjab on 05th & 06th November, 2022.
 - ❖ **Isolated heavy rainfall/snowfall is also likely over Kashmir Valley on 06th November, 2022.**
- A cyclonic circulation lies over Kerala coast & adjoining southeast Arabian Sea and an east-west trough runs from Comorin area to south Andaman sea this system to south Andaman Sea in lower tropospheric levels. Under the influence of these systems:
 - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely to continue over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 05th–06th November, 2022 and decrease in rainfall activity over many parts of south Peninsular India thereafter for subsequent 2-3 days.
- A cyclonic circulation lies over southeast Bay of Bengal & adjoining south Andaman Sea in middle tropospheric levels. Under its influence:
 - ❖ Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** very likely over Andaman & Nicobar Islands during 06th-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

Annexure I

Heavy to very heavy rainfall at isolated places occurred over Kerala and heavy rainfall occurred at isolated places over Tamilnadu.

Rainfall (in cm):

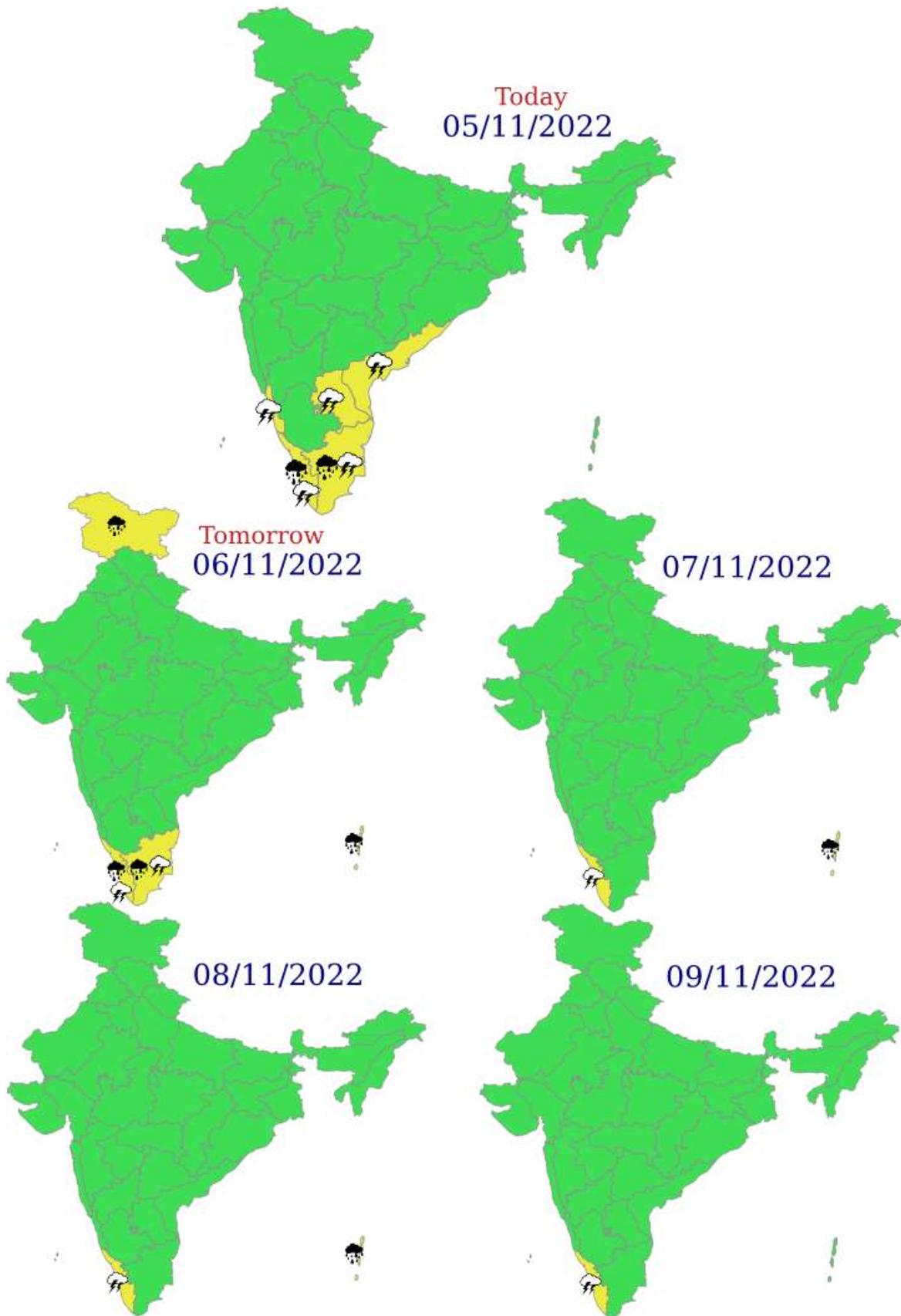
TAMILNADU: Kodayakarai (dist Nagapattinam) 9, Rameswaram (dist Ramanathapuram) 8, Kottaram (dist Kanyakumari), Kulasekarapattinam (dist Toothukudi) 7 each, Velankanni (dist Nagapattinam), Watrap (dist Virudhunagar), Sivagiri (dist Tenkasi), Perunchani Dam (dist Kanyakumari), Muthupet (dist Tiruvarur) 6 each.

KERALA: Kottayam 13, Cherthala (Alappuzha district) & Kozha (Kottayam district) 7 each. Other chief amounts of rainfall reports in cm are: Punalur (Kollam district) & Kumarakom (Kottayam district) 6 each.

COASTAL KARNATAKA: Mani (dist Dakshina Kannada) 3, Puttur Hms (dist Dakshina Kannada) 2.

N. I. KARNATAKA: Shorapur (dist Yadgir) 5, Kawadimatti Arg (dist Yadgir) 3.

COASTAL A.P. & YANAM: Kakinada (dist East Godavari) 5, Atchampet (dist Guntur) 4, Koyyalagudem (dist West Godavari) 3, Macherla (dist Guntur) 3, Chintapalle (dist Vishakhapatnam) 3.



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)



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

