



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

**Press Release  
Date: 20<sup>th</sup> November, 2022  
Time of Issue: 1300 hrs IST**

**Subject: (i) Depression over southwest & adjoining southeast Bay of Bengal.  
(ii) Isolated heavy rainfall likely over north coastal Tamil Nadu-Puducherry, south coastal Andhra Pradesh and Rayalaseema on 21<sup>st</sup> & 22<sup>nd</sup> November, 2022.**

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

- ❖ **Minimum Temperatures** are below normal by 2-4° C over many parts of Northwest, Central & adjoining north Peninsular India and East India.
- ❖ **Light to moderate rainfall** occurred at isolated places over Tamil Nadu and **light rainfall** at isolated places over Kerala and Andaman & Nicobar Islands; **light rainfall/snowfall** over Jammu & Kashmir, Ladakh.

**Weather systems, rainfall/thunderstorm Forecast & Warnings:**

The depression over southwest & adjoining southeast Bay of Bengal remained practically stationary and lay centred at 0830 hours IST of today, the 20<sup>th</sup> November, 2022 over the same region, near latitude 10.0° N and longitude 85.5° E, about 600 km east of Jaffna (Sri Lanka), 630 km east-southeast of Karaikal and 670 km east-southeast of Chennai. It is very likely to maintain its intensity of depression and move slowly west-northwestwards towards North Tamilnadu-Puducherry and south Andhra Pradesh coasts during next 48 hours.

**Warnings:**

**(i) Rainfall (warning graphics enclosed Annexure I)**

- ❖ Light to moderate rainfall is likely to commence from 20<sup>th</sup> November evening over coastal Andhra Pradesh and adjoining north Tamil Nadu & Rayalaseema. The intensity of rainfall is likely to increase with light to moderate rainfall at many places and isolated **heavy rainfall** is likely over North Tamilnadu-Puducherry and south coastal Andhra Pradesh & Rayalaseema on 21<sup>st</sup> and 22<sup>nd</sup> November and light to moderate rainfall at a few places over North coastal Andhra Pradesh during the same period.

**(ii) Wind warning:**

- ❖ **Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over** Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry and Sri Lanka coasts during 20<sup>th</sup> – 22<sup>nd</sup> November.
- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over** Gulf of Mannar on 21<sup>st</sup> & 22<sup>nd</sup> November.

(iii) **Sea condition**

- ❖ **Sea condition will be rough to very rough** over Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts during 20<sup>th</sup> – 22<sup>nd</sup> November.
- ❖ **Sea condition will be rough** over Gulf of Mannar on 21<sup>st</sup> & 22<sup>nd</sup> November.

(iv) **Fishermen Warning (warning graphics enclosed Annexure II)**

**Fishermen are advised not to venture into:**

- ❖ Southwest and adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Puducherry, Sri Lanka coasts during 20<sup>th</sup> – 22<sup>nd</sup> November
- ❖ Gulf of Mannar on 21<sup>st</sup> & 22<sup>nd</sup> November.

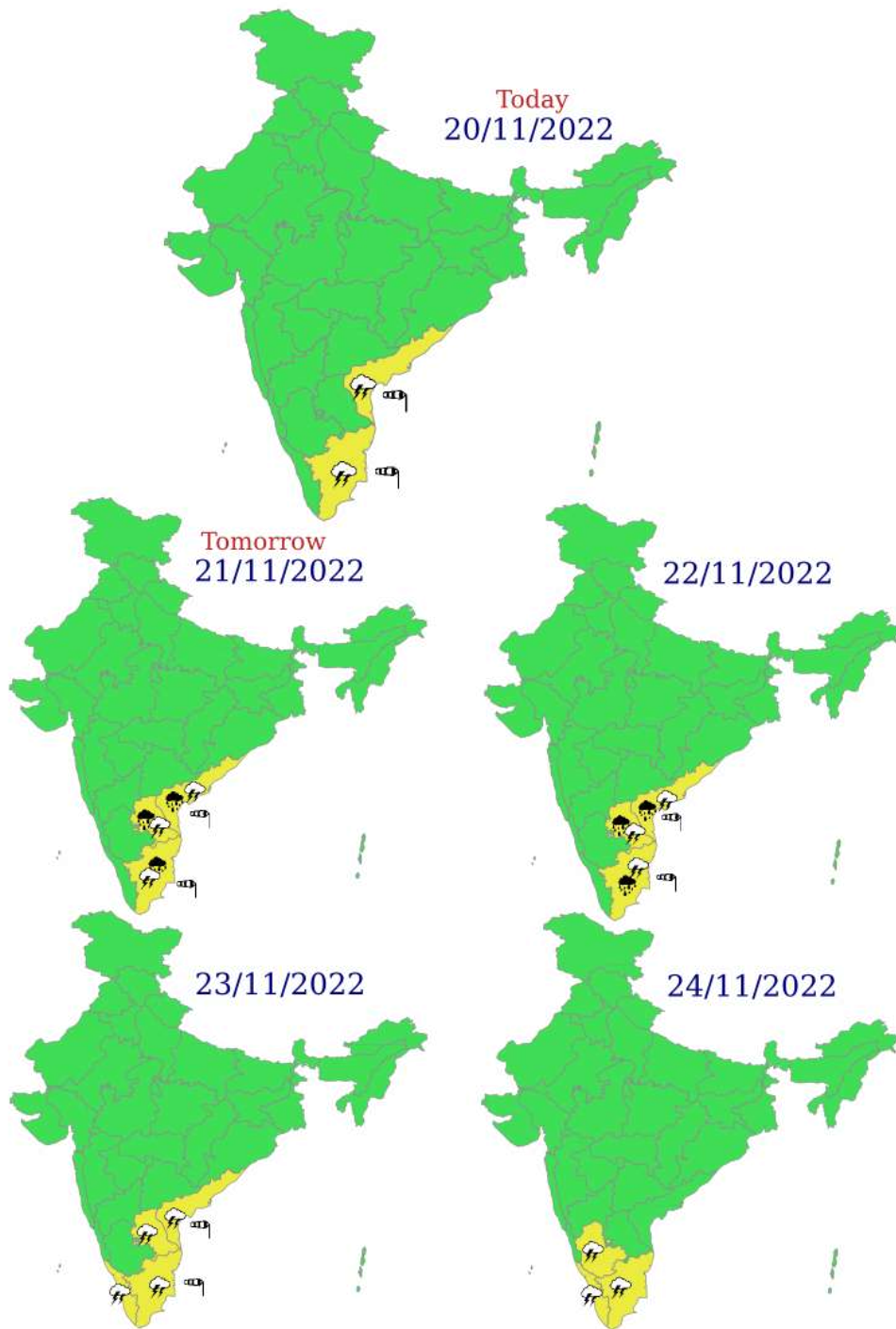
**Minimum Temperature Forecast**

- ❖ Minimum Temperatures are likely to fall gradually by 2-3° C over Northwest India during next 4-5 days.
- ❖ No significant change in Minimum Temperatures are likely over Central India during next 3 days and fall by 2-3° C thereafter.
- ❖ No significant change in Minimum Temperatures are likely over Maharashtra during next 24 hours rise by 2-4° C thereafter

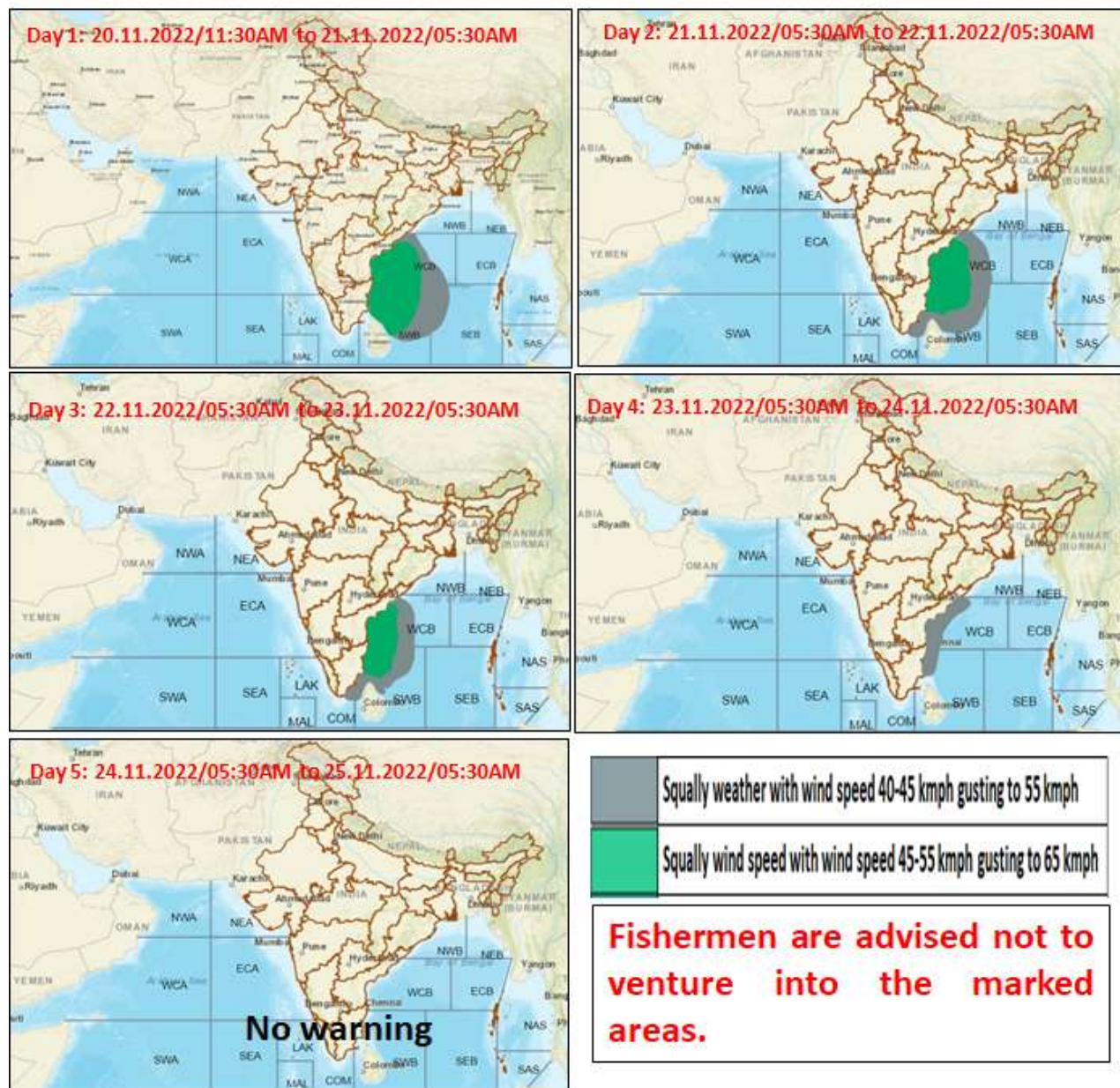
For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

## Annexure I



### Fishermen warning graphics





### 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)



Heavy Rain



Strong Winds

#### 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



Thunderstorm with Lightning