



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

**Press Release  
Date: 19<sup>th</sup> November, 2022  
Time of Issue: 1245 hrs IST**

- Subject: (i) Well marked Low pressure area over central parts of South Bay of Bengal likely to concentrate into a Depression over Southwest & adjoining Westcentral Bay of Bengal during next 24 hours.**
- (ii) Isolated heavy rainfall likely over north coastal Tamil Nadu-Puducherry and south coastal Andhra Pradesh on 21<sup>st</sup> & 22<sup>nd</sup> November, 2022.**

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

**Light to moderate rainfall** occurred at isolated places over Andaman & Nicobar Islands and **light rainfall** at isolated places over Coastal Andhra Pradesh, Kerala and Tamil Nadu.

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

Yesterday's low pressure area over Southeast Bay of Bengal & neighbourhood moved west-northwestwards, concentrated into a well-marked low pressure area over central parts of south Bay of Bengal in the morning of today, the 19<sup>th</sup> November, 2022. It is likely to move west-northwestwards and gradually concentrate into a Depression over southwest Bay of Bengal and adjoining westcentral Bay of Bengal during next 24 hours. Thereafter, it is very likely to move west-northwestwards towards Tamilnadu-Puducherry and south Andhra Pradesh coasts during subsequent 2 days.

**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 weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over** Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19<sup>th</sup> November.
- ❖ **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 and over Westcentral & adjoining Southwest Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu coasts on 23<sup>rd</sup>.

(iii) **Sea condition**

- ❖ **Sea condition will be rough to very rough** over Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19<sup>th</sup> November and 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 and Southwest & adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu coasts on 23<sup>rd</sup> November.

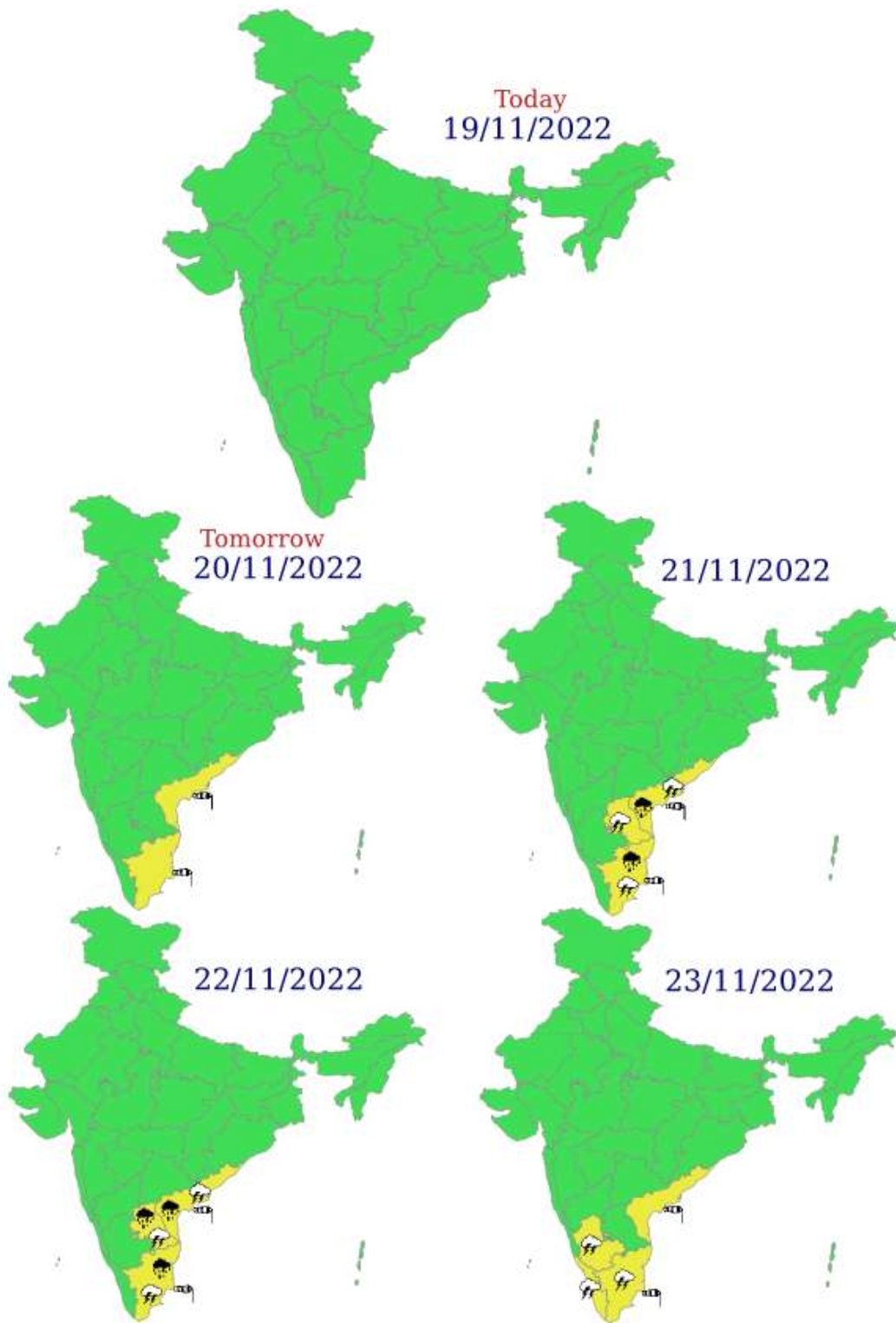
(iv) **Fishermen Warning (warning graphics enclosed Annexure II)**

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

- ❖ Southwest and adjoining areas of Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coasts on 19<sup>th</sup> November
  - ❖ 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 and over Southwest & adjoining Westcentral Bay of Bengal and along & off Andhra Pradesh & North Tamil Nadu coasts on 23<sup>rd</sup> November.
- Under the influence of feeble Western Disturbance, light to moderate rainfall/snowfall very likely at isolated/some places over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad on 19<sup>th</sup> & 20<sup>th</sup> and over Himachal Pradesh on 19<sup>th</sup> November, 2022.

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)



**Fishermen warning graphics**



	Squally weather with wind speed 40-45 kmph gusting to 55 kmph
	Squally wind speed with wind speed 45-55 kmph gusting to 65 kmph

**Fishermen are advised not to venture into the marked areas.**

**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.

<b>SPATIAL DISTRIBUTION</b> (% 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)



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

