



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

**Press Release**  
**Date: 17<sup>th</sup> November, 2022**  
**Time of Issue: 1345 hrs IST**

**Subject: (i) Low pressure area over Southeast Bay of Bengal & adjoining Andaman Sea.**  
**(ii) Increase in rainfall activity likely over southeast Peninsular India from 20<sup>th</sup> November, 2022.**

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

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

- Under the influence of yesterday's cyclonic circulation over south Andaman Sea & neighbourhood in lower & middle tropospheric levels, a **Low pressure area has formed over Southeast Bay of Bengal & adjoining Andaman Sea today morning the, 17<sup>th</sup> November, 2022.** It is likely to move west-northwestwards and gradually concentrate into a **Depression over central parts of South Bay of Bengal around 19<sup>th</sup> November, 2022.** Thereafter, it is likely to move west-northwestwards towards **Tamilnadu-Puducherry and south Andhra Pradesh coasts during subsequent 3 days.** Under its influence;

**Heavy rainfall and wind warning:**

- ❖ Widespread light to moderate rainfall with **heavy falls** at isolated places very likely over Andaman & Nicobar Islands on 17<sup>th</sup> November 2022. **Strong surface winds** (speed reaching 30-40 kmph gusting to 50 kmph) also very likely to prevail over Andaman & Nicobar Islands on 17<sup>th</sup> & 18<sup>th</sup> November, 2022.
- ❖ Widespread light to moderate rainfall with **isolated heavy falls** very likely over Coastal Tamilnadu, Puducherry & Karaikal during 20<sup>th</sup>-22<sup>nd</sup> and adjoining areas of south Coastal Andhra Pradesh & Rayalaseema on 21<sup>st</sup> & 22<sup>nd</sup> November, 2022. **Isolated very heavy rainfall** likely over north Coastal Tamilnadu on 21<sup>st</sup> and over north Tamilnadu on 22<sup>nd</sup> November, 2022.

**Fishermen warning (Refer Annexure III):**

- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph with rough Sea condition** likely to prevail over Andaman Sea & adjoining Southeast & Eastcentral Bay of Bengal on 17<sup>th</sup>; over Southeast Bay of Bengal adjoining Andaman Sea and adjoining areas of Southwest & Eastcentral Bay of Bengal on 18<sup>th</sup> November, 2022.
- ❖ **Squally wind speed reaching 45-55 kmph gusting to 65 kmph with rough to very rough Sea condition** likely to prevail over Southwest and adjoining Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coast on 19<sup>th</sup>; Southwest & adjoining Westcentral Bay of Bengal, along & off south Andhra Pradesh-Tamilnadu-Puducherry-Sri Lanka coasts from 20<sup>th</sup> to forenoon of 22<sup>nd</sup> and over Gulf of Mannar from 21<sup>st</sup> to forenoon of 22<sup>nd</sup> November, 2022.
- ❖ **Fishermen are advised not to venture into** Andaman Sea & adjoining Southeast & Eastcentral Bay of Bengal on 17<sup>th</sup>; into Southeast Bay of Bengal adjoining Andaman Sea and adjoining areas of Southwest & Eastcentral Bay of Bengal on 18<sup>th</sup>; Southwest and adjoining Southeast & Westcentral Bay of Bengal and along & off Sri Lanka coast on 19<sup>th</sup>; Southwest & adjoining Westcentral Bay of Bengal, along & off south Andhra Pradesh-Tamilnadu-Puducherry-Sri Lanka coasts from 20<sup>th</sup> to forenoon of 22<sup>nd</sup> and over Gulf of Mannar from 21<sup>st</sup> to forenoon of 22<sup>nd</sup> November, 2022.

- Under the influence of feeble Western Disturbance, light to moderate rainfall/snowfall very likely over Jammu, Kashmir, Ladakh, Gilgit Baltistan & Muzaffarabad on 18<sup>th</sup> & 19<sup>th</sup> and 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)

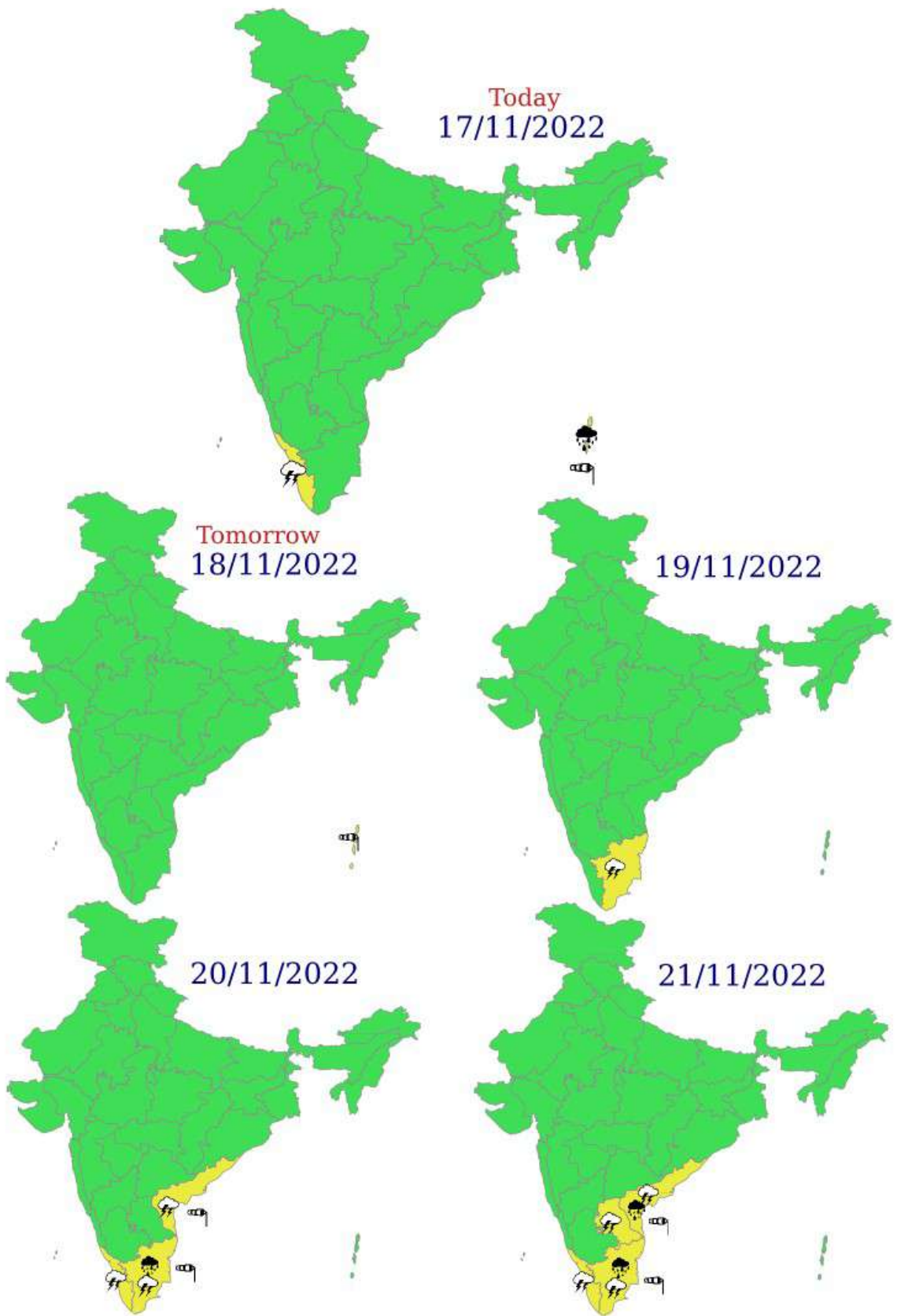
## Annexure I

**Heavy rainfall** at isolated places occurred over Andaman & Nicobar Islands and Tamil Nadu.

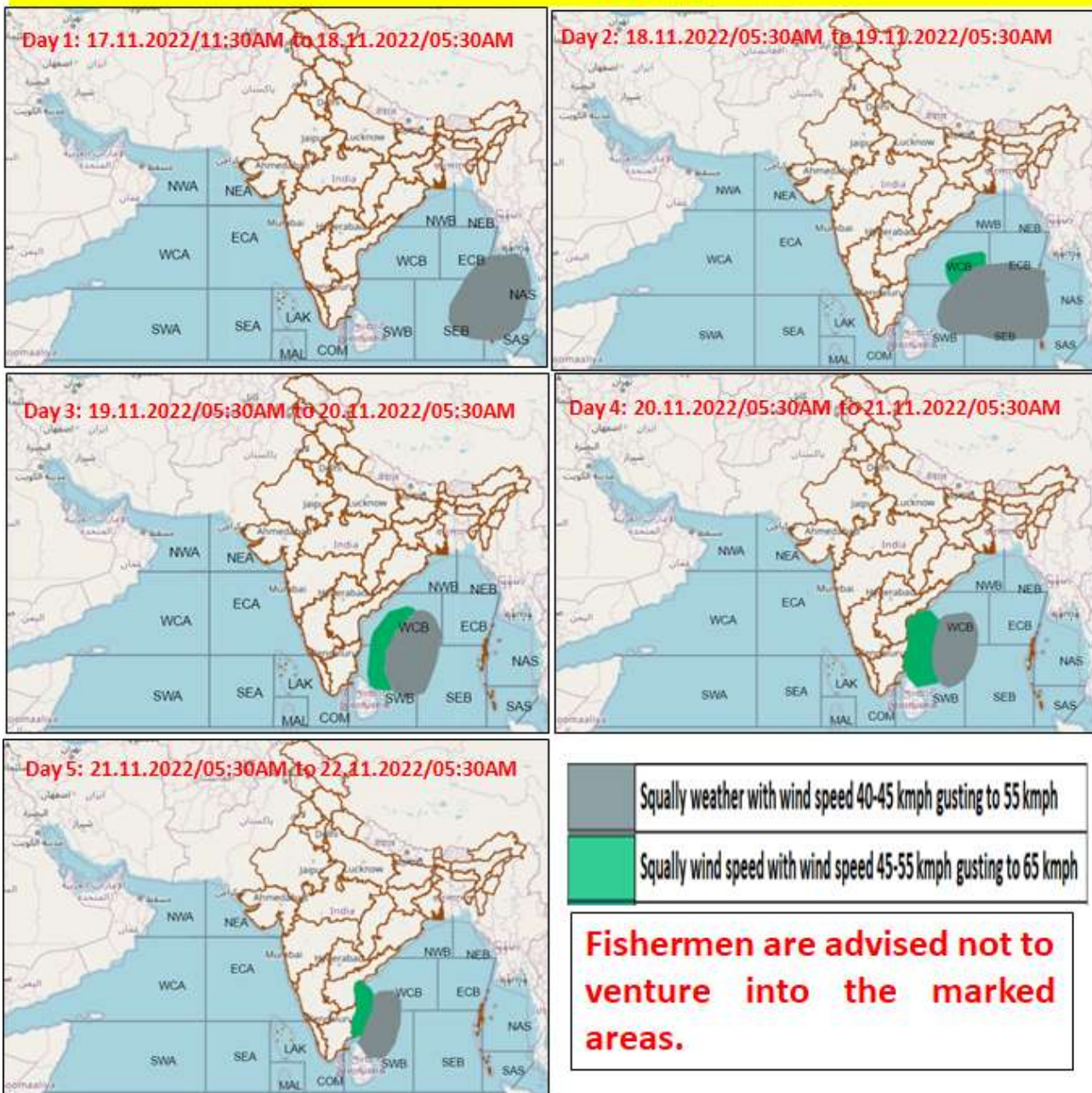
**Rainfall (7 cm or more):**

**North & Middle Andaman:** Long Island- 7,

**Tamilnadu:** Tenkasi: Ramanadhi Dam Section-9, Tirunelveli: Kannadian Anicut, Tirunelveli-7



### 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.

<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>WARNING</b>	
WARNING (TAKE ACTION)	ALERT ( BE PREPARED)
WATCH (BE UPDATED)	NO WARNING ( NO ACTION)

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

**Thunderstorm with Lightning**