



Government of India
Ministry of Earth Sciences



India Meteorological Department

PRESS RELEASE – 1

Time of issue: 1230 hours IST

Dated: 20 November, 2022

Sub: Depression over southwest and adjoining southeast Bay of Bengal

A cyclonic circulation formed over south Andaman Sea and adjoining southeast Bay of Bengal (BoB) in the morning (0530 hours IST) of 15th November. It lay over south Andaman Sea on 16th November. Under its influence, a low pressure area formed over Southeast BoB & adjoining Andaman Sea in the morning (0530 hours IST) of 17th November, 2022. It moved west-northwestwards and lay as a well-marked low pressure area over central parts of south BoB in the morning (0530 hours IST) of 19th November. Continuing to move further west-northwestwards, it concentrated into a depression over southwest and adjoining southeast BoB in the morning (0530 hours IST) of today, the 20th November. At 0830 hours IST of today, the 20th November, it remained practically stationary and lay 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)

- ❖ Light to moderate rainfall is likely to commence from 20th 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 21st and 22nd 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 20th – 22nd November.**
- ❖ **Squally weather with wind speed reaching 40-45 kmph gusting to 55 kmph is likely to prevail over Gulf of Mannar on 21st & 22nd 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 20th – 22nd November.**
- ❖ **Sea condition will be rough over Gulf of Mannar on 21st & 22nd November.**

Contact: Cyclone Warning Division, Office of the Director General of Meteorology,
India Meteorological Department, Ministry of Earth Sciences.

Phone: (91) 11-24652484, FAX: (91) 11-24643128, 24623220, E-mail: cwdhq2008@gmail.com, Website: rsmcnewdelhi.imd.gov.in

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%

Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more.

(iv) Fishermen Warning

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 20th – 22nd November
- ❖ Gulf of Mannar on 21st & 22nd November.

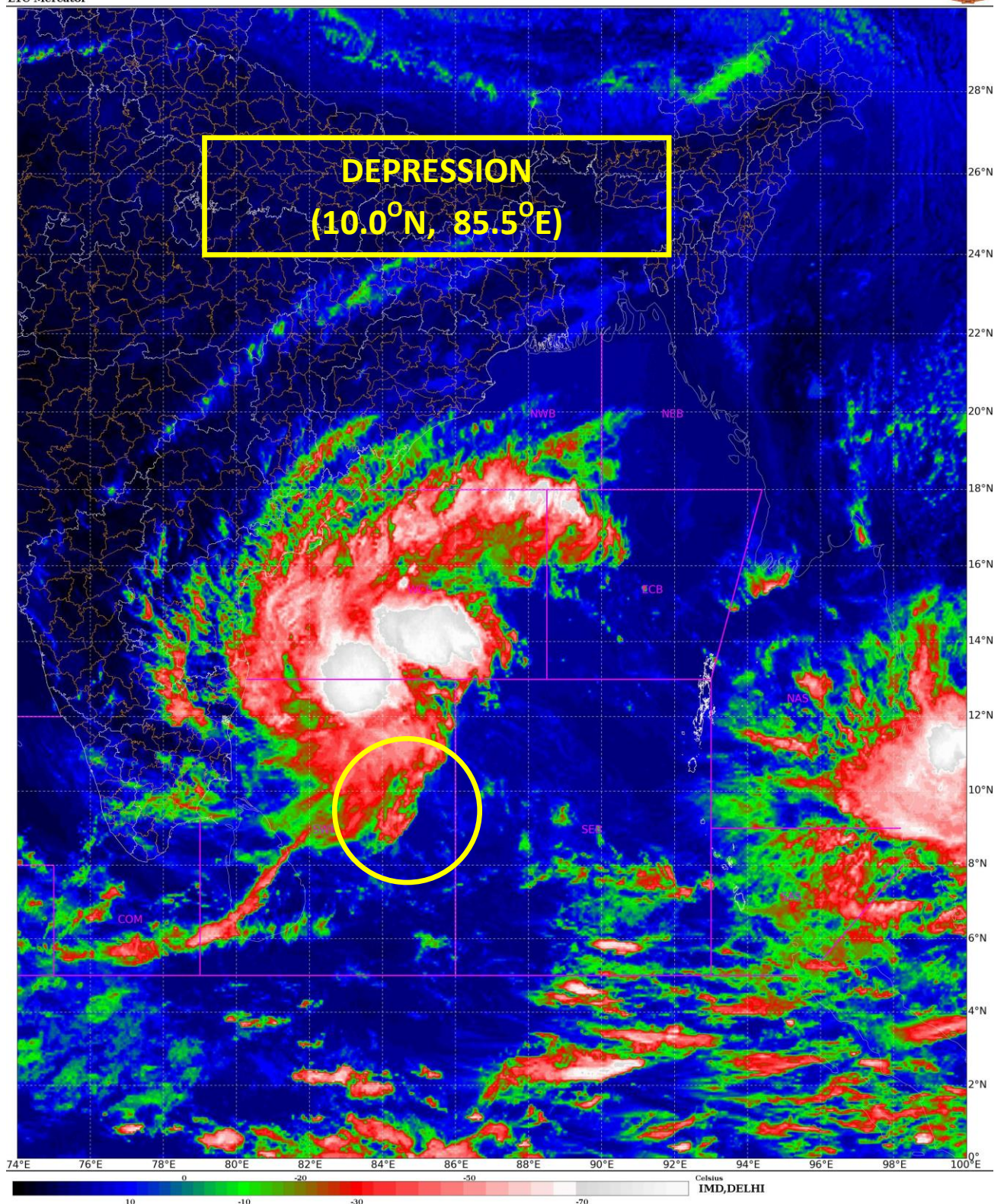
The system is under continuous surveillance and concerned state governments are being informed regularly. For updates kindly visit www.rsmcnewdelhi.imd.gov.in and www.mausam.imd.gov.in

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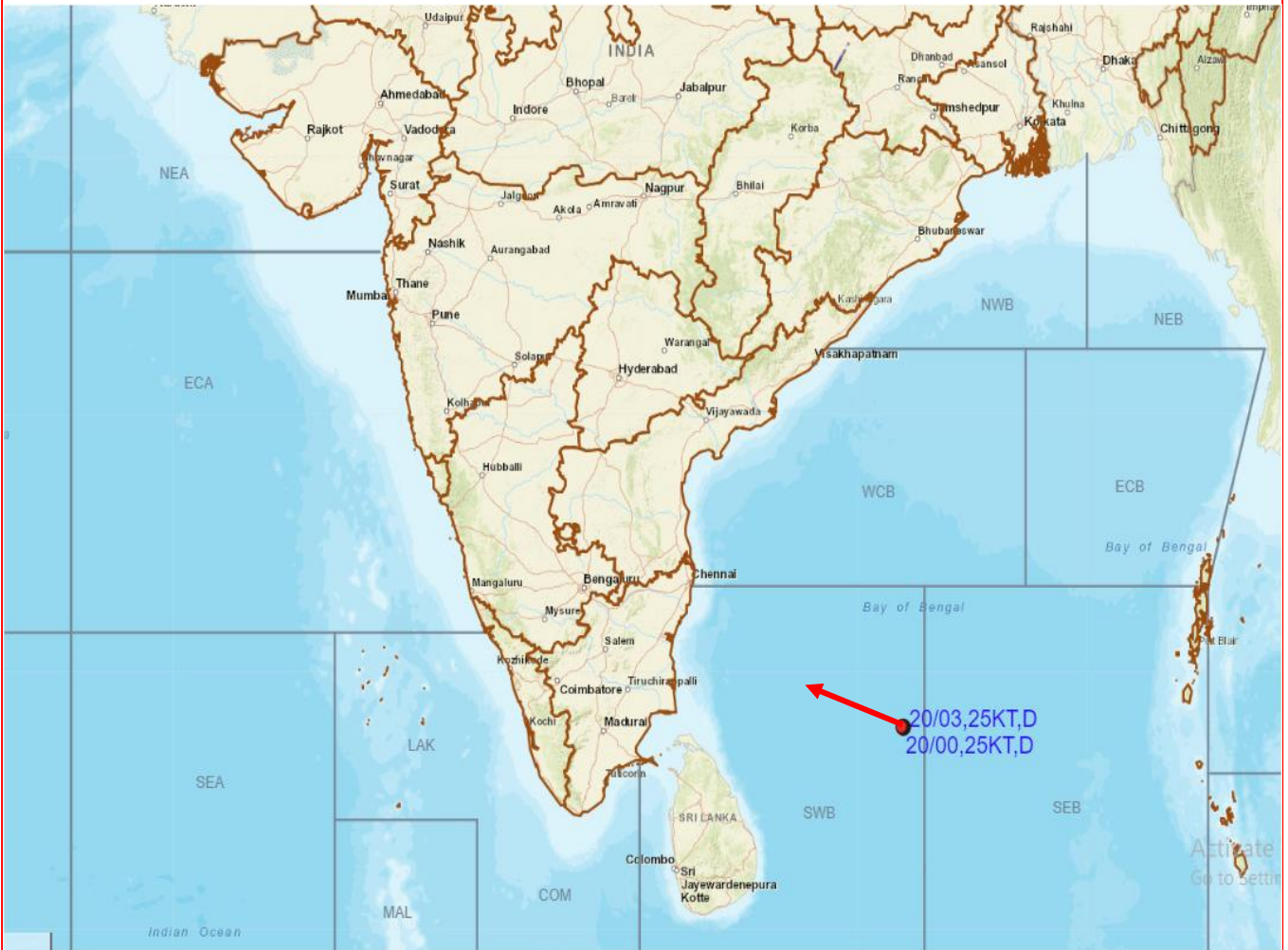
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OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHWEST AND ADJOINING SOUTHEAST BAY OF BENGAL BASED ON 0300 UTC OF 20TH NOVEMBER, 2022



DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

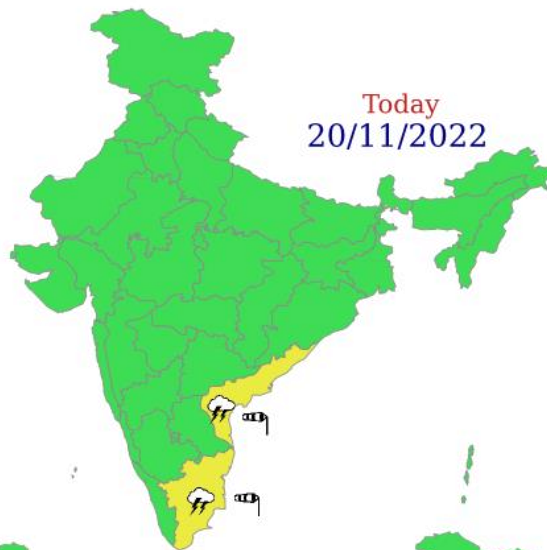
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

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|--------------|------------|--------------|--------------|
| Heavy Rain | Heavy Snow | Thunderstorm | Dust Storm |
| Strong Winds | Visibility | Cyclone | Squall/ Hail |
| Frost | Cold Wave | Heat Wave | Sea State |

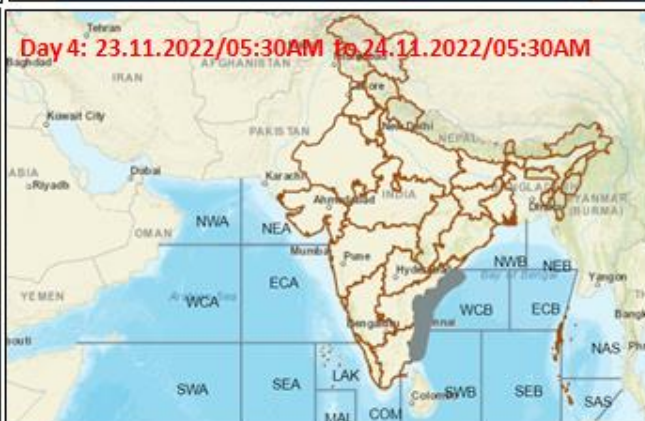
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Fishermen warning graphics



	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
<p style="color: red; font-weight: bold; font-size: 1.2em;">Fishermen are advised not to venture into the marked areas.</p>	