

இந்திய அரசு  
இந்திய வானிலை ஆய்வு துறை  
மண்டல வானிலை ஆய்வு மையம்  
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GOVERNMENT OF INDIA  
INDIA METEOROLOGICAL DEPARTMENT  
**Regional Meteorological Centre**  
New No. 6, College Road, Chennai-600 006  
Phone: 044- 28271951

**Date: 22<sup>nd</sup> December 2022**

**Time of Issue: 20:30 IST**

**From: REGIONAL METEOROLOGICAL CENTRE, CHENNAI**

**To:**

The Commissioner of Revenue Administration, Govt of Tamilnadu  
The Special branch CID, O/o the DGP Campus, Mylapore  
The Commissioner of Chennai /IS- INSPECTOR CONTROLROOM /  
The Commissioner of Greater Chennai Corporation ([tnstateeoc1@gmail.com](mailto:tnstateeoc1@gmail.com),  
[tn.relief@gmail.com](mailto:tn.relief@gmail.com),[iscrcni@gmail.com](mailto:iscrcni@gmail.com),  
[sbcid.city@gmail.com](mailto:sbcid.city@gmail.com),[commissioner@chennaicorporation.gov.in](mailto:commissioner@chennaicorporation.gov.in),  
[tndgpcontrolroom@gmail.com](mailto:tndgpcontrolroom@gmail.com))  
The Commissioner of fisheries  
([tnfisheries@nic.in](mailto:tnfisheries@nic.in), FisheriesTamilNadu[coffisheries@gmail.com](mailto:coffisheries@gmail.com))  
The Chief Secretary, Puducherry  
The Commissioner-cum-Secretary(Revenue), Puducherry  
The Special Secretary to Government-cum- District Collector, Puducherry  
The District Collector, Karaikal  
([cs.pon@nic.in](mailto:cs.pon@nic.in), [secyfin.pon@nic.in](mailto:secyfin.pon@nic.in), [dcrev.pon@nic.in](mailto:dcrev.pon@nic.in), [collr.kkl@nic.in](mailto:collr.kkl@nic.in))

**Sub: Depression over Bay of Bengal**

The **Depression** over the southwest and adjoining southeast Bay of Bengal moved northwestwards and lay centred at 17:30 IST of today, the 22<sup>nd</sup> December 2022 over southwest Bay of Bengal, near latitude 9.8°N and longitude 84.5°E, about 520 km south-southeast of Nagapattinam and 590 km east-southeast of Chennai. It is likely to continue to move northwestwards for some more time and then recurve gradually west-southwestwards from 23<sup>rd</sup> morning towards Comorin Area across Sri Lanka during the subsequent 48 hours.

Under its influence, enhanced rainfall activity is likely over Tamilnadu, Puducherry & Karaikal during 24<sup>th</sup>-26<sup>th</sup> December. Isolated **heavy rain** is likely over coastal and south Tamilnadu during 25<sup>th</sup>-26<sup>th</sup> December 2022.

**Heavy rainfall warning:**

|                               |   |
|-------------------------------|---|
| <b>Day-4<br/>(25.12.2022)</b> | <b>Heavy rain</b> is likely to occur at isolated places over Thoothukudi, Ramanathapuram, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam and Mayiladuthurai districts of Tamilnadu and Karaikal area.   |
| <b>Day-5<br/>(26.12.2022)</b> | <b>Heavy rain</b> is likely to occur at isolated places over Theni, Tenkasi, Virudhunagar, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam and Mayiladuthurai districts of Tamilnadu, Karaikal area |

**Wind warning & sea condition:**

|                   |           |  |
|-------------------|-----------|--|
| <b>22.12.2022</b> |           | Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over Southwest Bay of Bengal and along & off Sri Lanka coast. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over along & off Tamil Nadu coast, Gulf of Mannar and adjoining Comorin areas. Sea condition is likely to be rough to very rough over the region |
| <b>23.12.2022</b> | <b>to</b> | Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over southwest Bay of Bengal, along & off Tamil Nadu coast, Gulf of Mannar, Comorin Area and Sri Lanka coast. Sea condition is likely to be rough to very rough over the region.   |
| <b>25.12.2022</b> |           |  |
| <b>26.12.2022</b> |           | Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over along & off Tamil Nadu coast, Comorin Area, Gulf of Mannar and West Sri Lanka coast with rough sea conditions over the region.  |

**Warnings for Fishermen:**

**Fishermen are advised not to venture** into

(a) Southwest Bay of Bengal, along & off Tamil Nadu coast, Sri Lanka coast, Gulf of Mannar and adjoining Comorin areas during 22<sup>nd</sup> – 25<sup>th</sup> December 2022

(b) Along & off Tamil Nadu coast, Comorin Area, Gulf of Mannar and west coast of Sri Lanka on 26<sup>th</sup> December 2022

IMD is continuously monitoring the situation and updates would be sent regularly.

**Dr.S.BALACHANDRAN**  
**Scientist-G & Head**  
**Regional Meteorological Centre, Chennai**

**LEGEND:****Spatial rainfall distribution:**

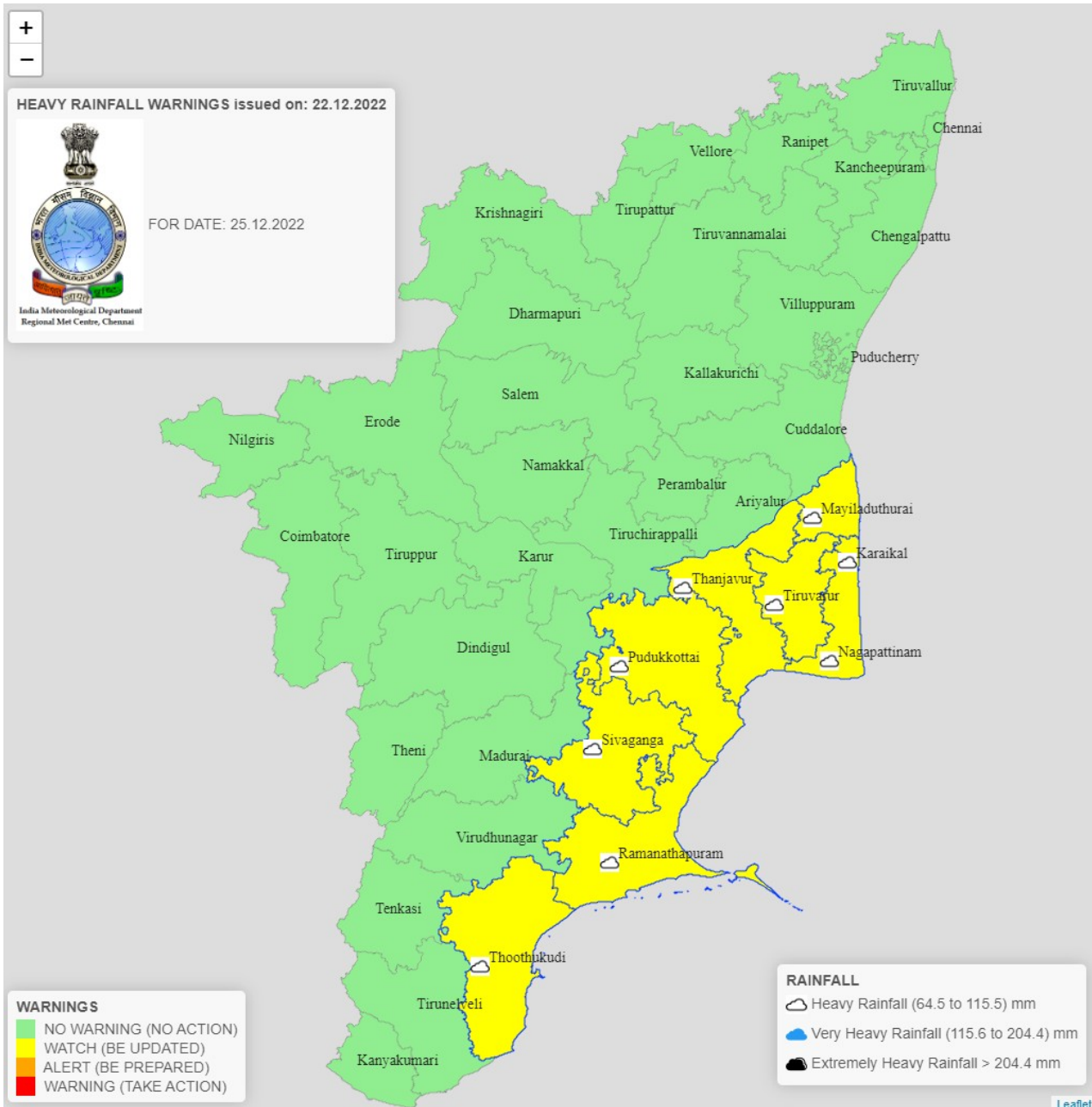
| <b>% Stations reporting Rainfall</b> | <b>Category</b>                      |
|--------------------------------------|--------------------------------------|
| 76-100                               | Widespread (WS/ most places)         |
| 51-75                                | Fairly Widespread (FWS/ many places) |
| 26-50                                | Scattered (SCT/ few places)          |
| 1 -25                                | Isolated (ISOL)                      |
| No Rain                              | Dry                                  |

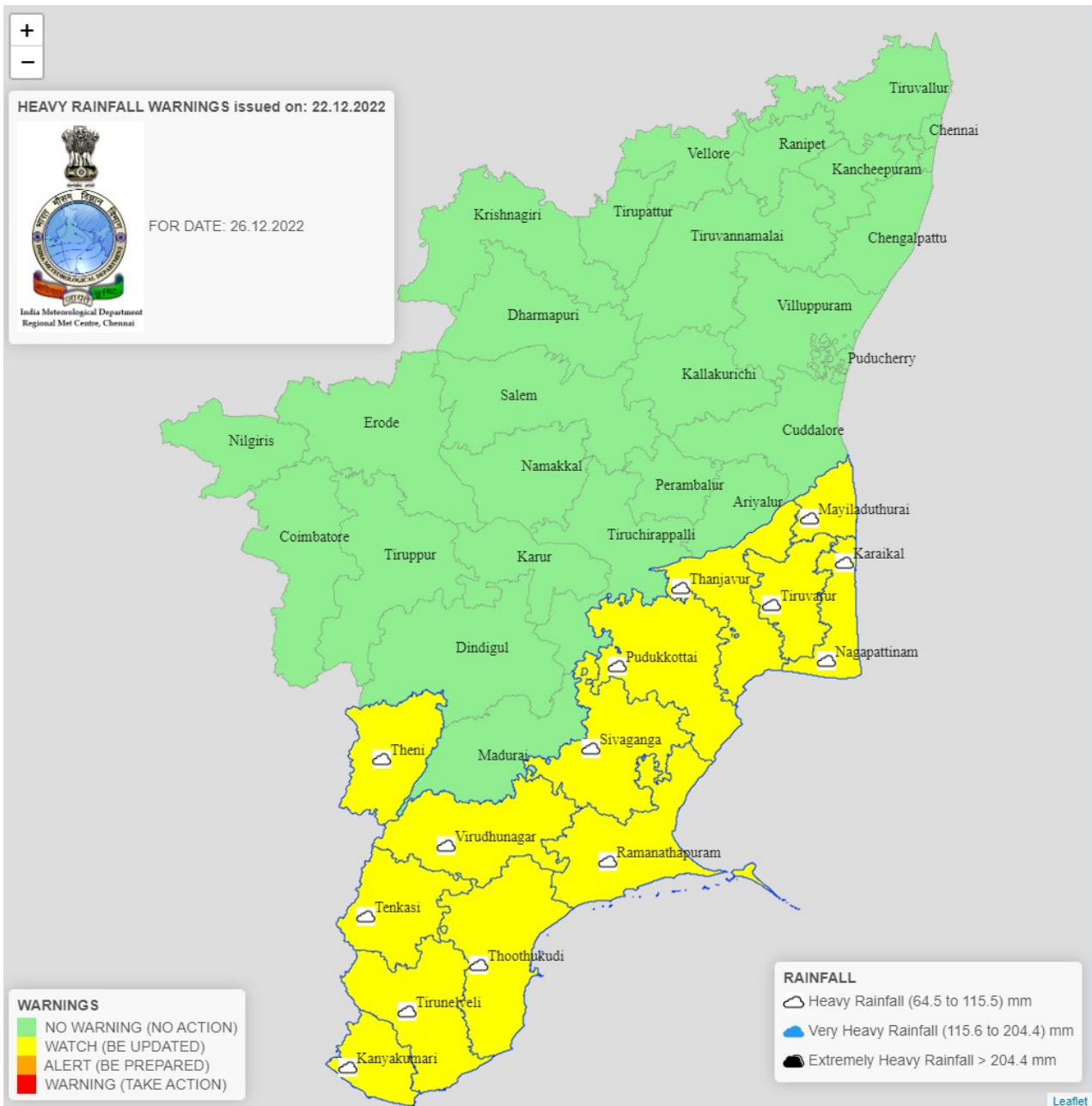
**Rainfall intensity:**

|                      |                              |
|----------------------|------------------------------|
| Light rain           | 0.1-7.6 mm (upto 1 cm)       |
| Moderate rain        | 7.7-64.4 mm (2- 6 cm)        |
| Heavy rain           | 64.5 – 115.5 mm (7 – 11 cm)  |
| Very heavy rain      | 115.6- 204.4 mm (12 - 20 cm) |
| Extremely heavy rain | >204.4 mm (21 cm or more)    |

**Sea condition:**

| <b>Descriptive term</b> | <b>Wave height in metres</b> |
|-------------------------|------------------------------|
| Slight                  | 0.5-1.25                     |
| Moderate                | 1.25- 2.5                    |
| Rough                   | 2.5-4.0                      |
| Very rough              | 4.0-6.0                      |
| High                    | 6.0-9.0                      |
| Very high               | 9.0-14.0                     |
| Phenomenal              | Over 14                      |









## DEPRESSION OVER BAY OF BENGAL : FISHERMEN WARNING

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE  
CHENNAI

Date : 22/12/2022

