

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: 22nd 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,
tn_relief@gmail.com,iscrcni@gmail.com,
sbcid.city@gmail.com,commissioner@chennaicorporation.gov.in,
tndgpcontrolroom@gmail.com)
The Commissioner of fisheries
(tnfisheries@nic.in, FisheriesTamilNaducoffisheries@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, secyfin.pon@nic.in, dcrev.pon@nic.in, 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 22nd 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 23rd 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 24th-26th December. Isolated **heavy rain** is likely over coastal and south Tamilnadu during 25th-26th December 2022.

Heavy rainfall warning:

Day-4 (25.12.2022)	Heavy rain is likely to occur at isolated places over Thoothukudi, Ramanathapuram, Sivaganga, Pudukkottai, Thanjavur, Tiruvarur, Nagapattinam and Mayiladuthurai districts of Tamilnadu and Karaikal area.
Day-5 (26.12.2022)	Heavy rain 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:

22.12.2022	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
23.12.2022 to 25.12.2022	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.
26.12.2022	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 22nd – 25th December 2022

(b) Along & off Tamil Nadu coast, Comorin Area, Gulf of Mannar and west coast of Sri Lanka on 26th 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:

% Stations reporting Rainfall	Category
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:

Descriptive term	Wave height in metres
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

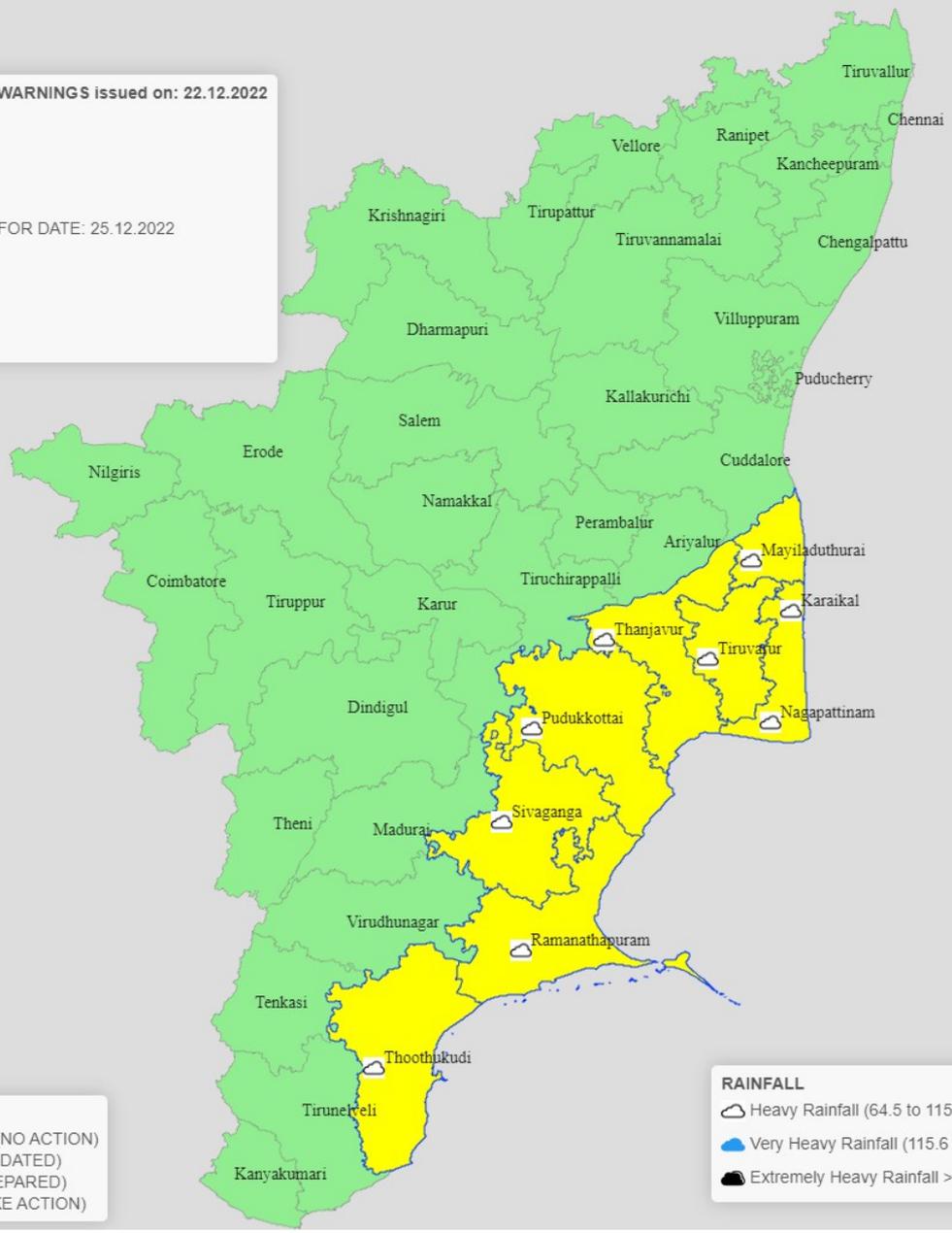


HEAVY RAINFALL WARNINGS issued on: 22.12.2022



FOR DATE: 25.12.2022

India Meteorological Department
Regional Met Centre, Chennai



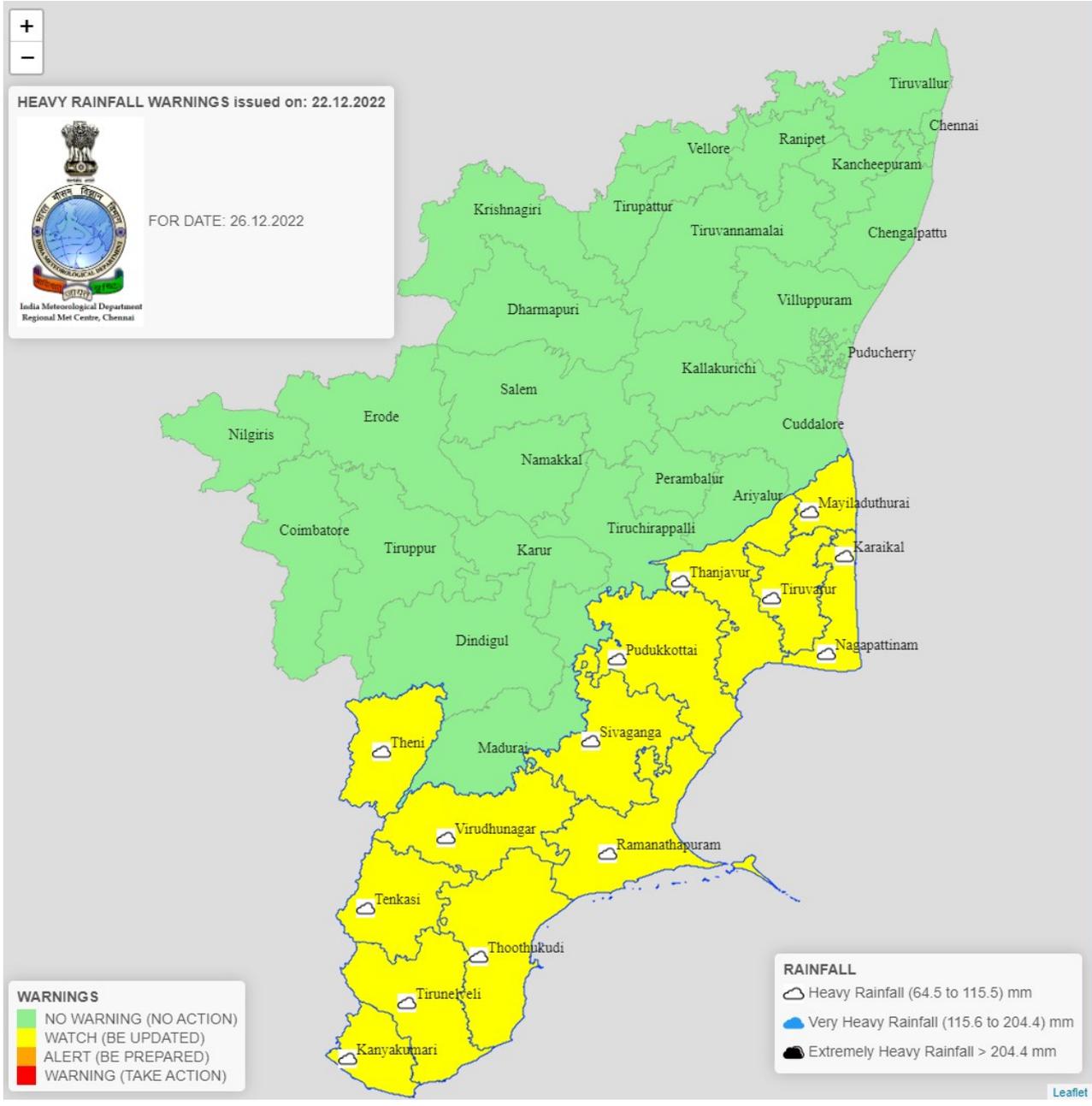
WARNINGS

- NO WARNING (NO ACTION)
- WATCH (BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)

RAINFALL

- Heavy Rainfall (64.5 to 115.5) mm
- Very Heavy Rainfall (115.6 to 204.4) mm
- Extremely Heavy Rainfall > 204.4 mm

Leaflet





DEPRESSION OVER BAY OF BENGAL : FISHERMEN WARNING

INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE
CHENNAI

Date : 22/12/2022

