இந்திய அரசு
இந்திய வானிலை ஆய்வுத்துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை, சென்னை – 600 006

GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
New No. 6, College Road, Chennai–600 006
Phone: 044- 28271951

Date: 17th November 2026 **Time of Issue: 15:00 IST**

Special Bulletin No.01

Sub: Cyclone (Akvan)over Bay of Bengal

Current synoptic situation	Yesterday's Deep Depression over Southeast & adjoining Southwest Bay of Bengal moved north-northwestwards, intensified into a Cyclonic Storm "Akvan" [Pronunciation :Akvan]" over central parts of South and adjoining Westcentral Bay of Bengal at 1730 hrs IST of Yesterday, the 16th November, 2026 and it further moved north-northwestwards and lay centered at 0830 hours IST of today, the 17th November, 2026 over the same region, near Latitude 12.2°N and Longitude 85.7°E, about 610 km east of Chennai (Tamil Nadu), 630 km northeast of Trincomalee (Sri Lanka), 660 km southeast of Machilipatnam (Andhra Pradesh),670 km south-southeast of Visakhapatnam (Andhra Pradesh) and 790 km south of Gopalpur (Odisha).
Forecast	It is very likely to move slowly north-northwestwards and intensify further into a Severe Cyclonic Storm over westcentral Bay of Bengal around evening of today, the 17th November, 2026. Thereafter, it is likely to move northwestwards and intensify further into a Very Severe Cyclonic Storm around 19th November morning. Continuing to move northwestwards, it is likely to cross Andhra Pradesh & Yanam coasts between Nellore and Tuni, around noon of 20th November, 2026 as a Very Severe Cyclonic Storm with the maximum sustained wind speed of 120-130 kmph gusting to 145 kmph.

FORECAST & WARNINGS FOR TAMIL NADU AND PUDUCHERRY

FOR NEXT 7 DAYS:

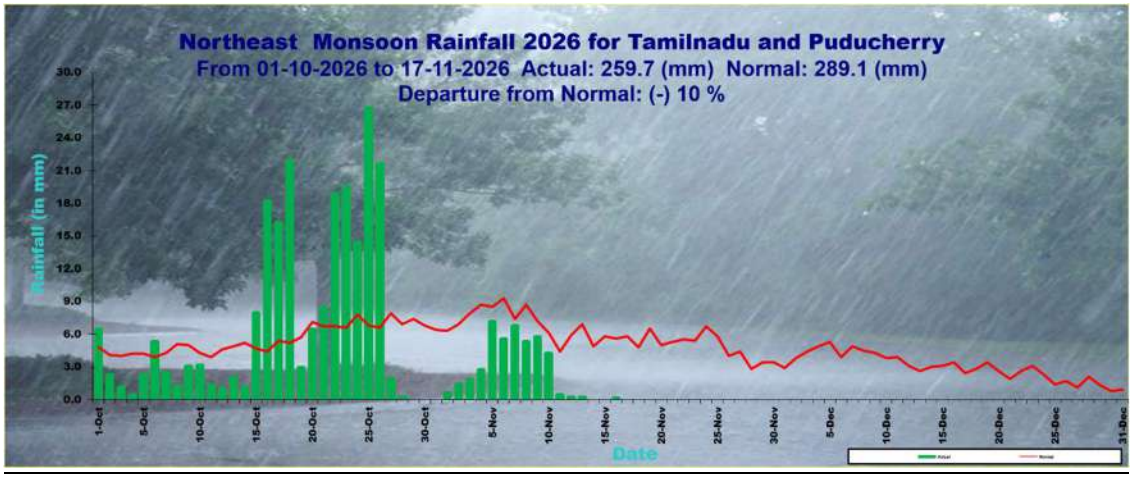
RAINFALL FORECAST & WARNINGS	
Day 1 (17.11.2026)	Light rain at isolated places is likely to occur over **South Tamil Nadu.** Mainly dry weather is likely to prevail over rest Tamil Nadu, Puducherry and Karaikal area**.**
Day 2 (18.11.2026)	Moderate rain at isolated places with thunderstorm & lightning with gusty winds speed reaching 40-50 kmph at one or two places is likely to occur over **Chennai, Tiruvallur and Chengalpattu districts.** Light rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over **South Tamil Nadu, rest North Coastal Tamil Nadu, Puducherry and Karaikal area.** Mainly dry weather is likely to prevail over rest Tamil Nadu.

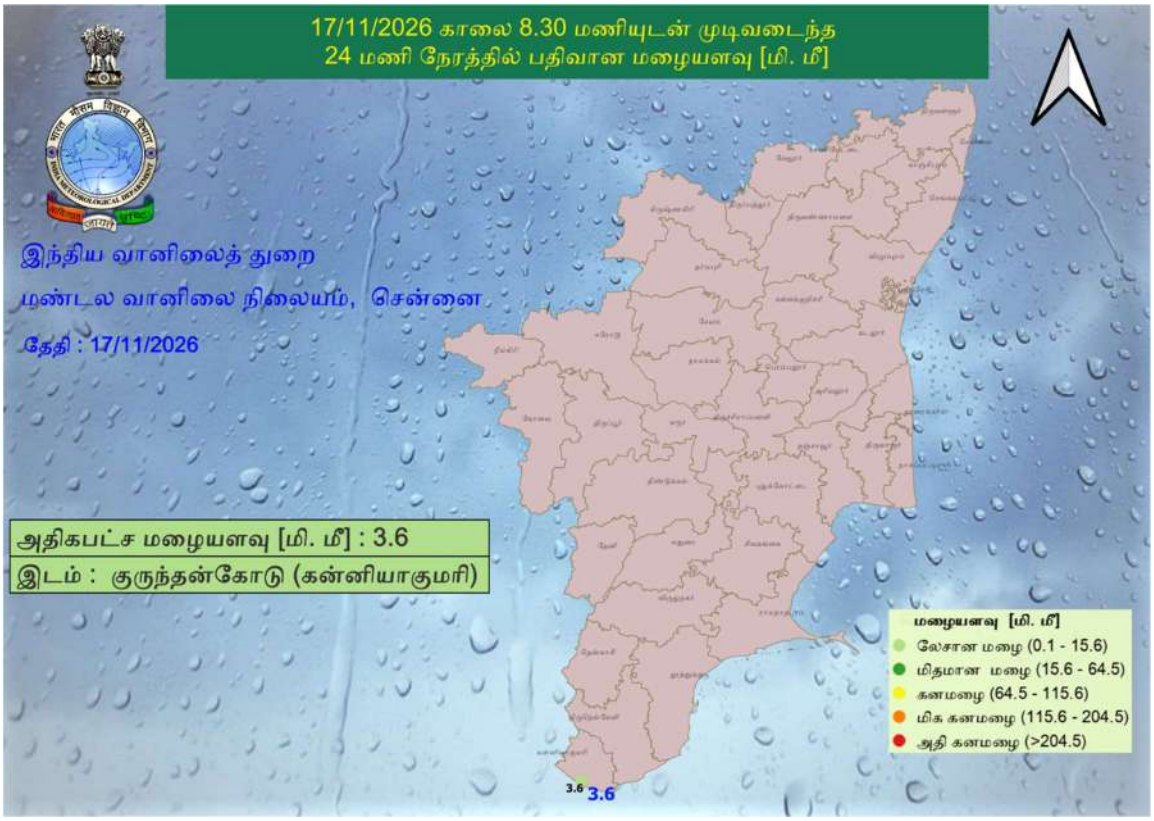
Day 3 (19.11.2026)	Heavy rain at isolated places with thunderstorm & lightning with gusty winds speed reaching 40-50 kmph at one or two places is likely to occur over **Chennai and Tiruvallur** districts**.** Moderate rain at isolated places with thunderstorm & lightning with gusty winds speed reaching 40-50 kmph at one or two places is likely to occur over **Chengalpattu, Kanchipuram, Villupuram, Cuddalore** districts and **Puducherry**. Light rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over **Western Ghat districts.** Mainly dry weather is likely to prevail over rest Tamil Nadu and Karaikal area.
Day 4 (20.11.2026)	Light rain at isolated places with thunderstorm & lightning at one or two places is likely to occur over **Western Ghat districts.** Mainly dry weather is likely to prevail over rest Tamil Nadu, Puducherry and Karaikal area.
Day 5 (21.11.2026)	Light rain at isolated places is likely to occur over **North Coastal Tamil Nadu & Western Ghat districts, Puducherry and Karaikal area.** Mainly dry weather is likely to prevail over rest Tamil Nadu.
Day 6 (22.11.2026)	Light rain at isolated places is likely to occur over **Coastal Tamil Nadu, Puducherry and Karaikal area.** Mainly dry weather is likely to prevail over rest Tamil Nadu.
Day 7 (23.11.2026)	Moderate rain at isolated places is likely to occur over **North Coastal Tamil Nadu, South Tamil Nadu districts, rest Western Ghat districts, Puducherry and Karaikal area.** Light rain at isolated places is likely to occur over rest Tamil Nadu.

(i) Heavy Rainfall Warning :

Fishermen warning:

FOR TAMILNADU COASTS	
Day 1 (17.11.2026)	Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail along and off North Tamil Nadu coast.
Day 2 (18.11.2026)	Squally weather with wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail along and off North Tamil Nadu coast.
Day 3 (19.11.2026)	Squally weather with wind speed reaching 60-80 kmph gusting to 90 kmph is likely to prevail along and off North Tamil Nadu coast.
Day 4 (20.11.2026)	Squally weather with wind speed reaching 50-60 kmph gusting to 70 kmph is likely to prevail along and off North Tamil Nadu coast.
Day 5 (21.11.2026)	Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail along and off North Tamil Nadu coast.

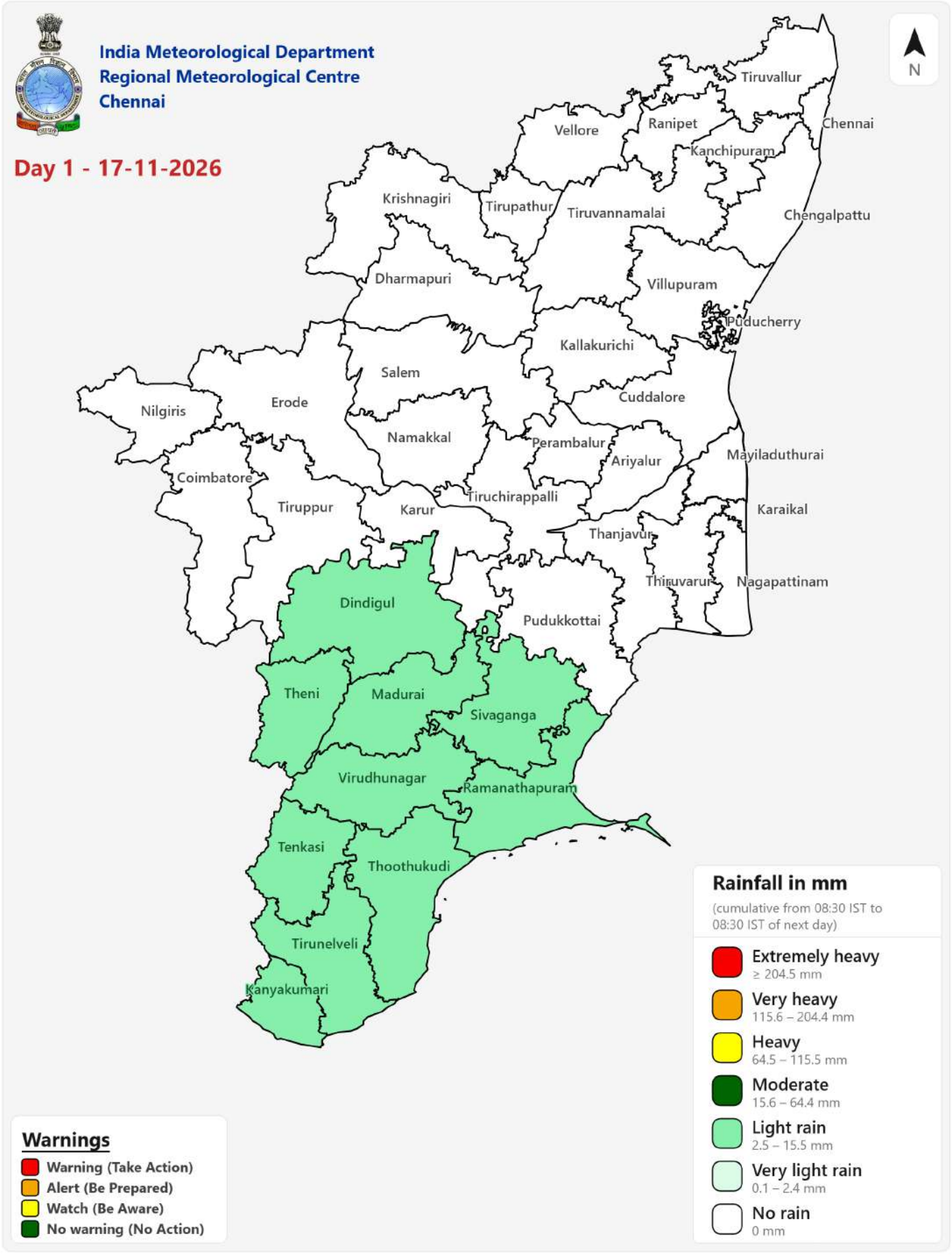



17/11/2026 காலை 8.30 மணியுடன் முடிவடைந்த
24 மணி நேரத்தில் பதிவான மழையளவு [மி. மீ]
இந்திய வானிலைத் துறை
மண்டல வானிலை நிலையம், சென்னை
தேதி : 17/11/2026
அதிகபட்ச மழையளவு [மி. மீ] : 3.6
இடம் : குருந்தன்கோடு (கன்னியாகுமரி)
மழையளவு [மி. மீ]
லேசான மழை (0.1 - 15.6)
மிதமான மழை (15.6 - 64.5)
கனமழை (64.5 - 115.6)
மிக கனமழை (115.6 - 204.5)
அதி கனமழை (>204.5)
3.6
3.6

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 1 - 17-11-2026

(Date of issue: 17-11-2026)

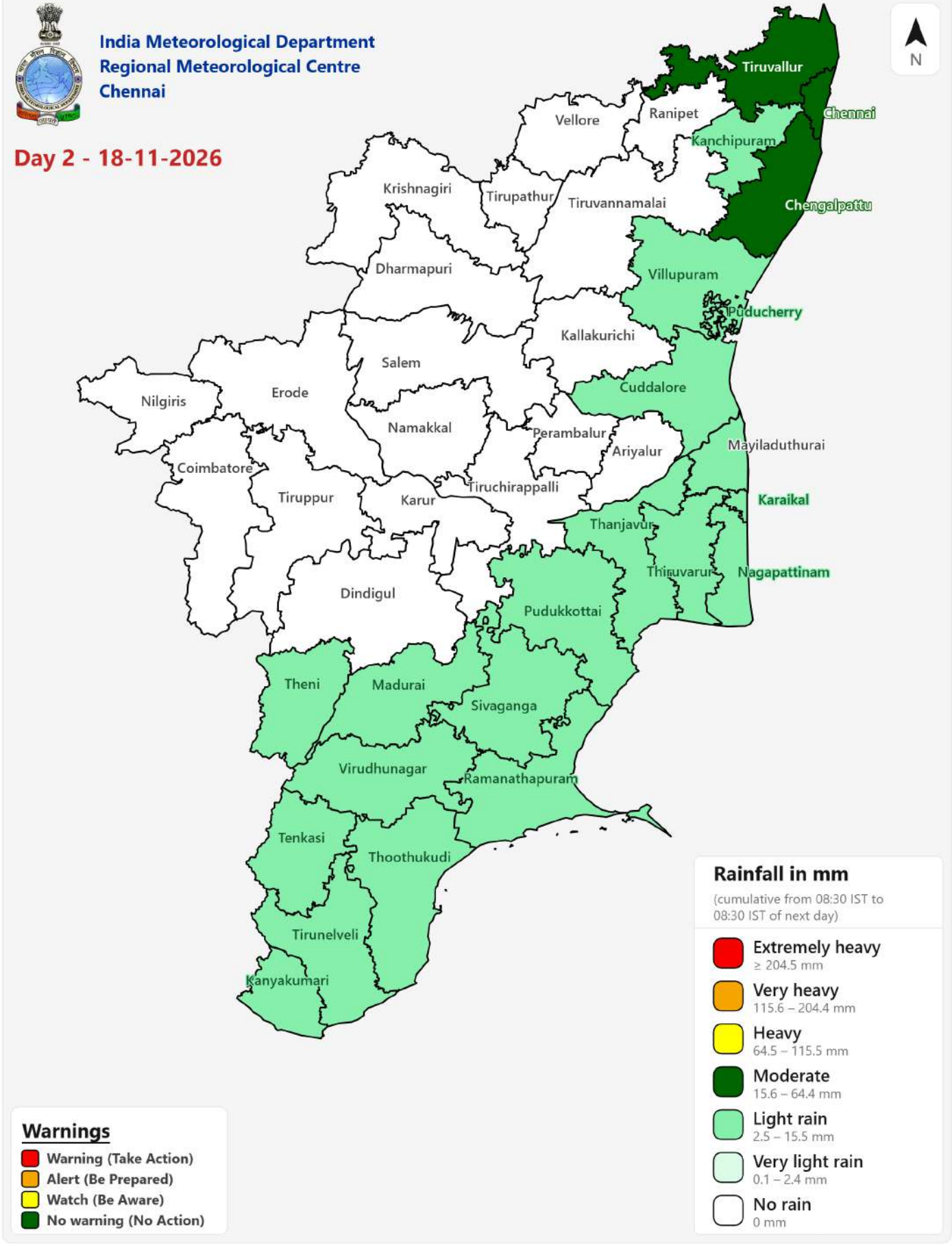


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 2 - 18-11-2026

(Date of issue: 17-11-2026)

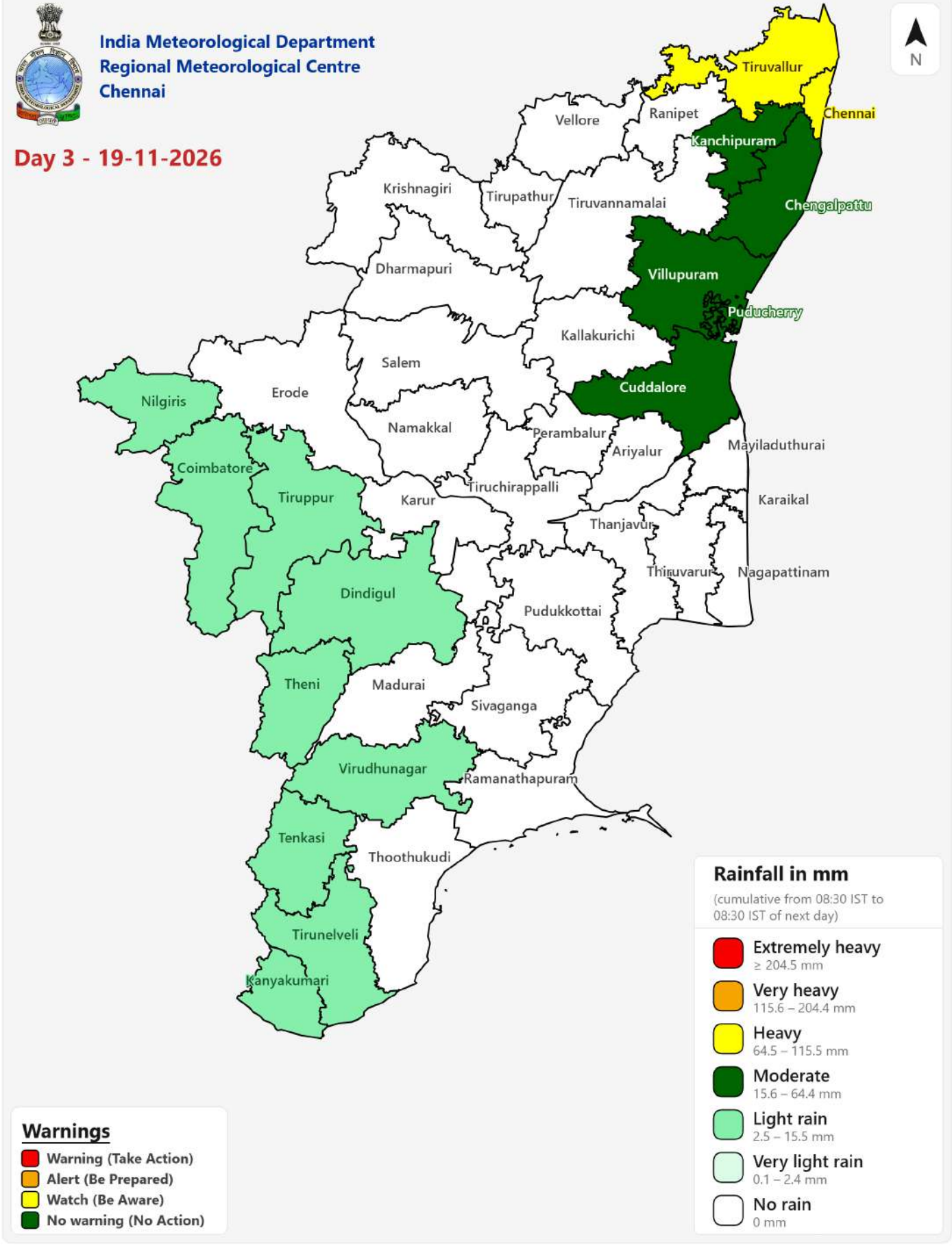


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 3 - 19-11-2026

(Date of issue: 17-11-2026)

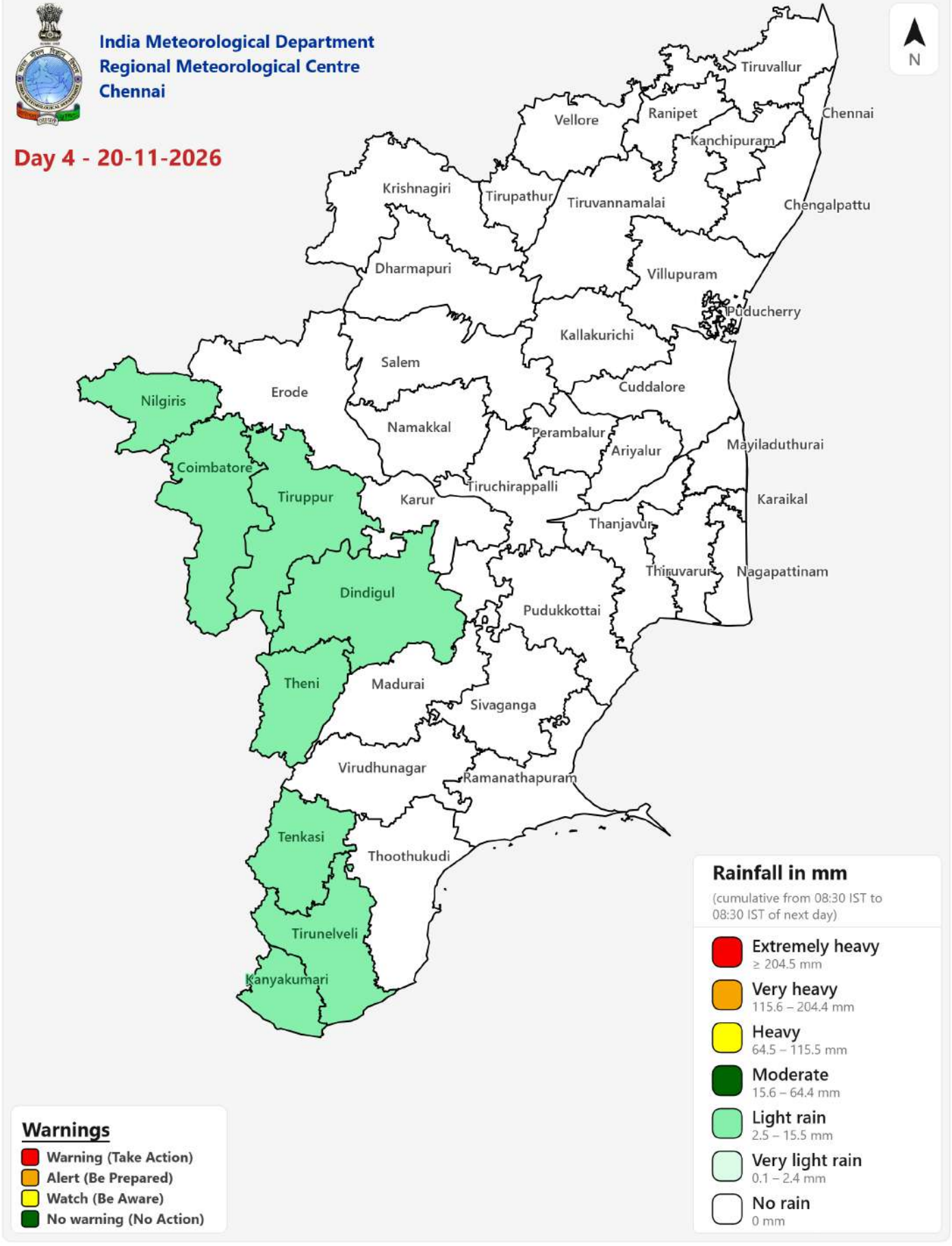


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 4 - 20-11-2026

(Date of issue: 17-11-2026)

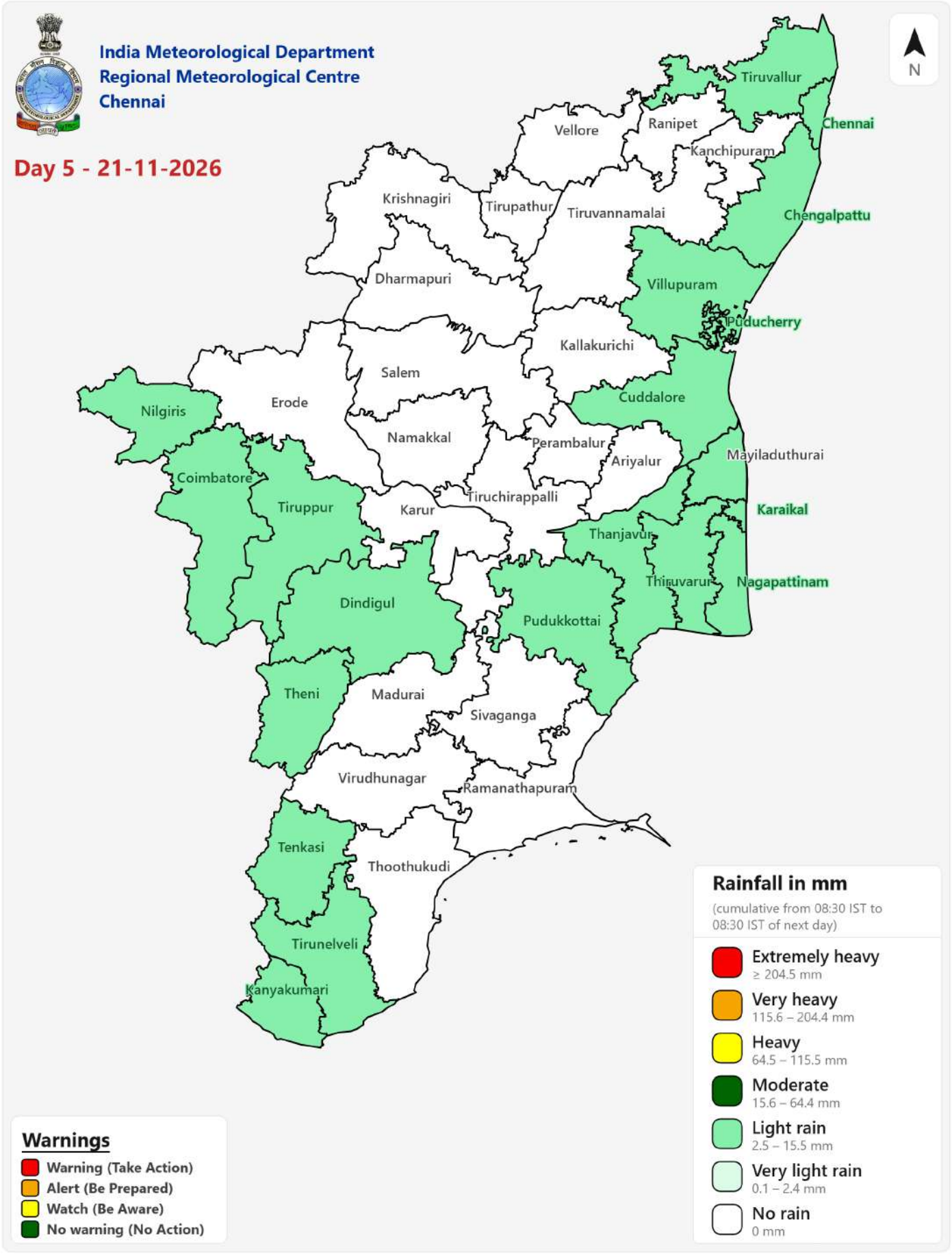


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 5 - 21-11-2026

(Date of issue: 17-11-2026)

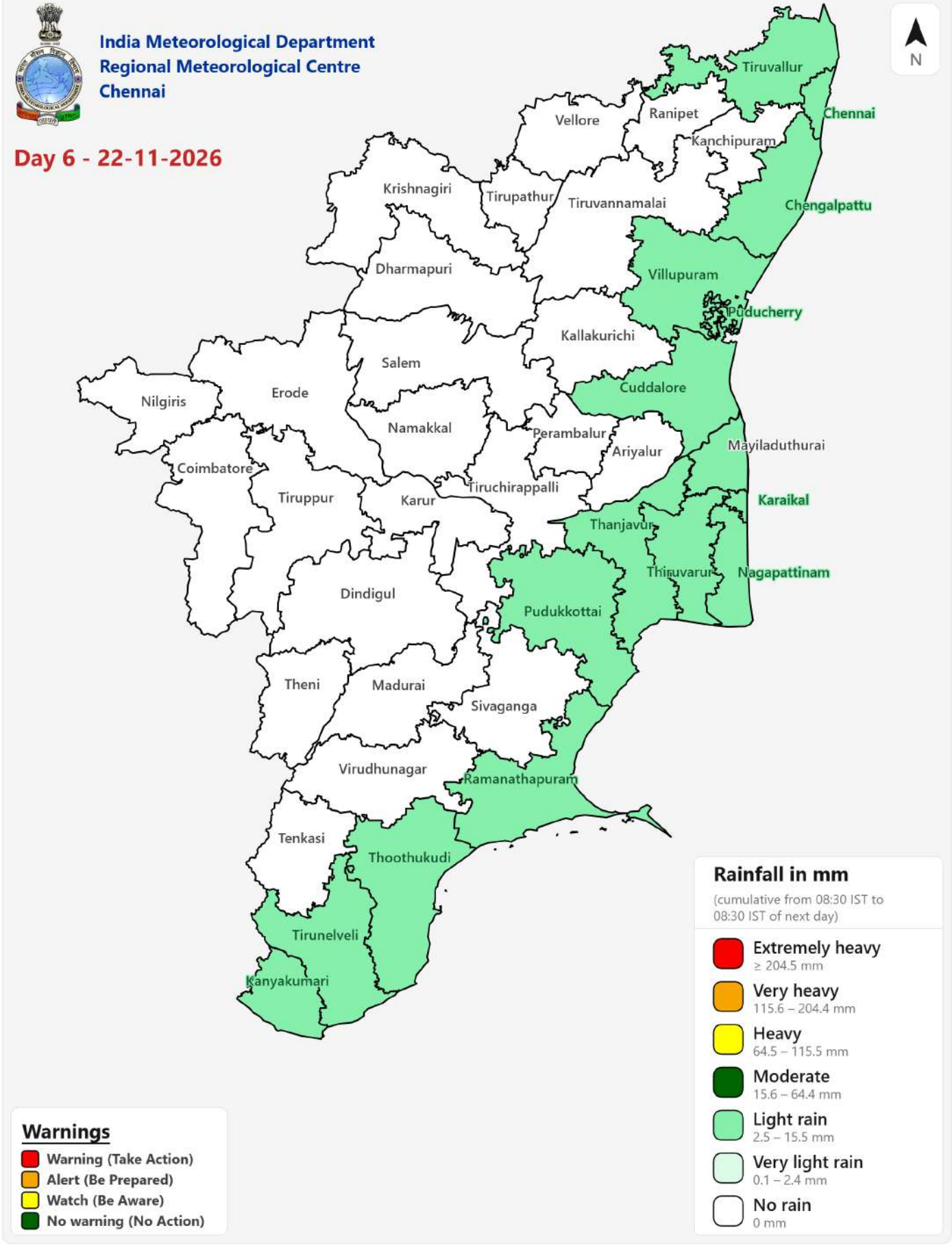


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 6 - 22-11-2026

(Date of issue: 17-11-2026)

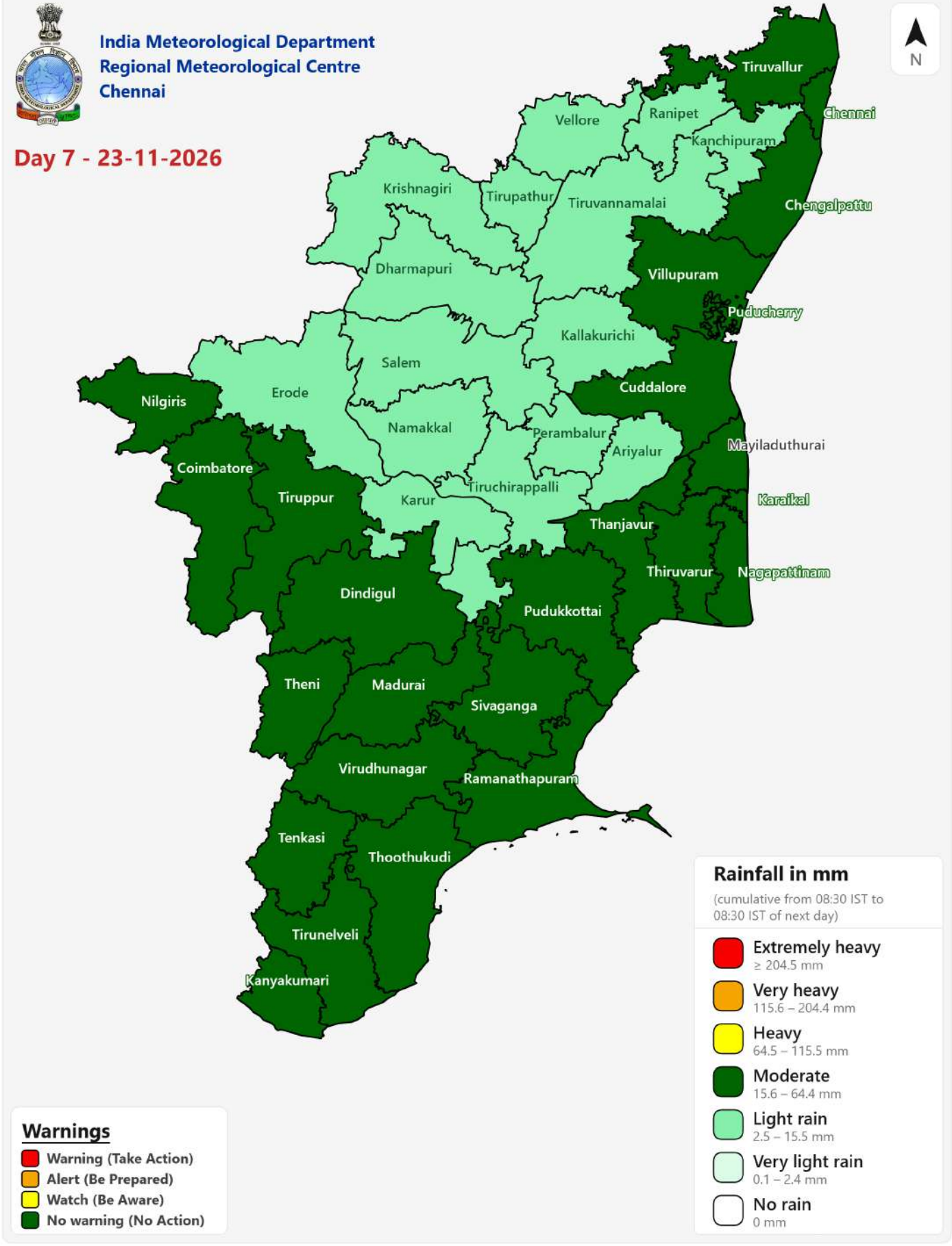


by Sel_CAST

Rainfall Forecast and Warning for Tamil Nadu, Puducherry and Karaikal

for Day 7 - 23-11-2026

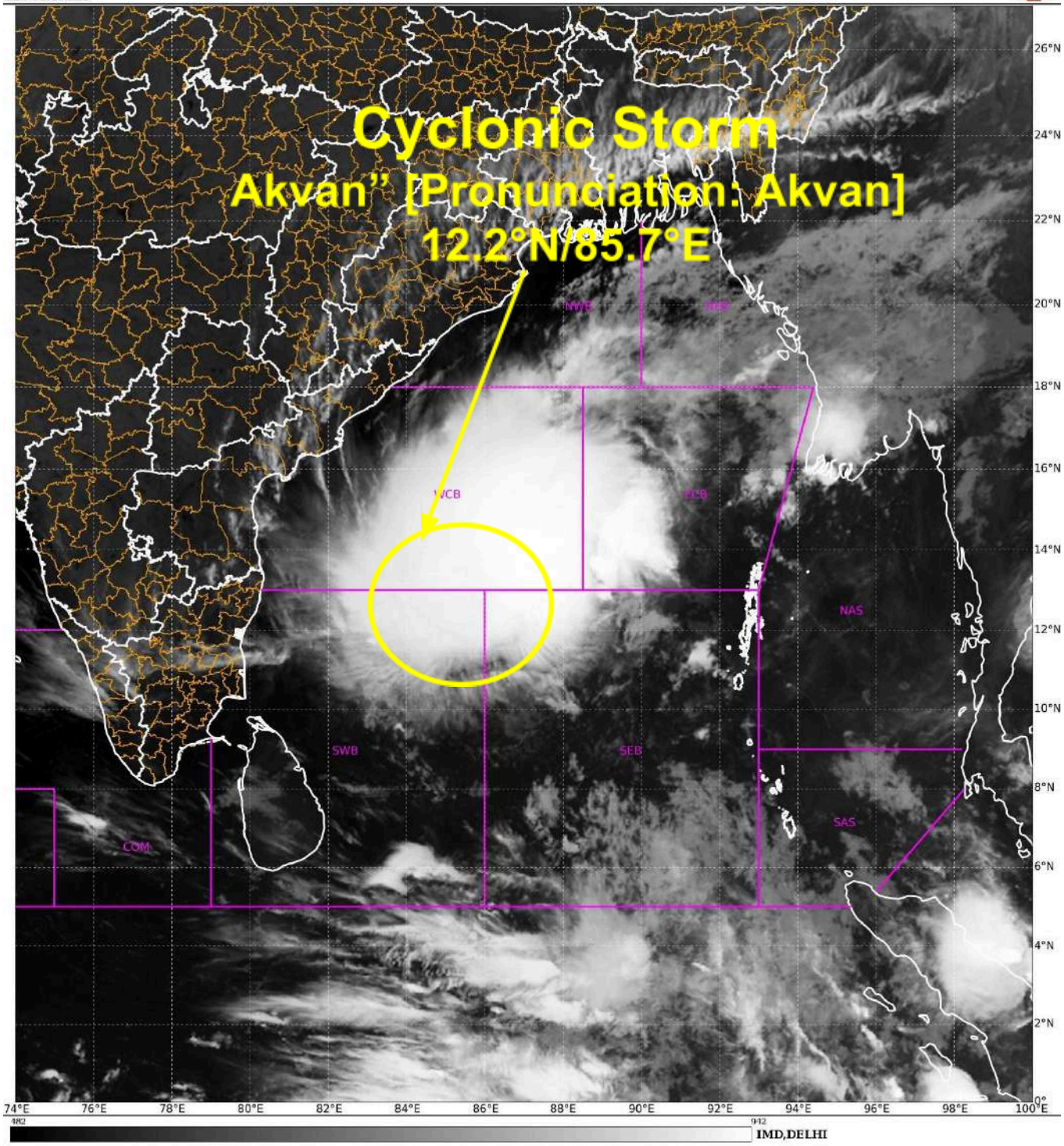
(Date of issue: 17-11-2026)



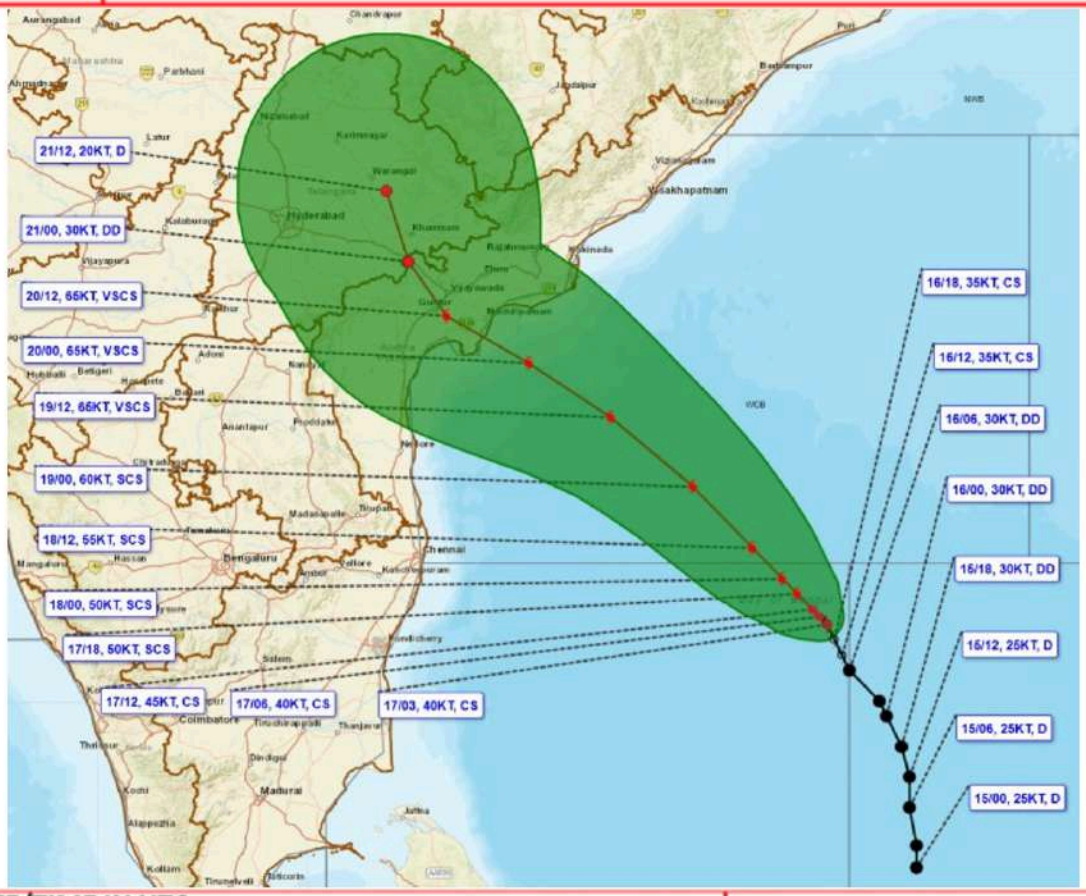
by Sel_CAST

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

17-11-2026/(0115 to 0142) GMT
17-11-2026/(0645 to 0712) IST



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM "AKVAN" OVER CENTRAL PARTS OF SOUTH AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0300 UTC (0830 Hrs. IST) OF 17TH NOVEMBER 2026



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 (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥120 KT)

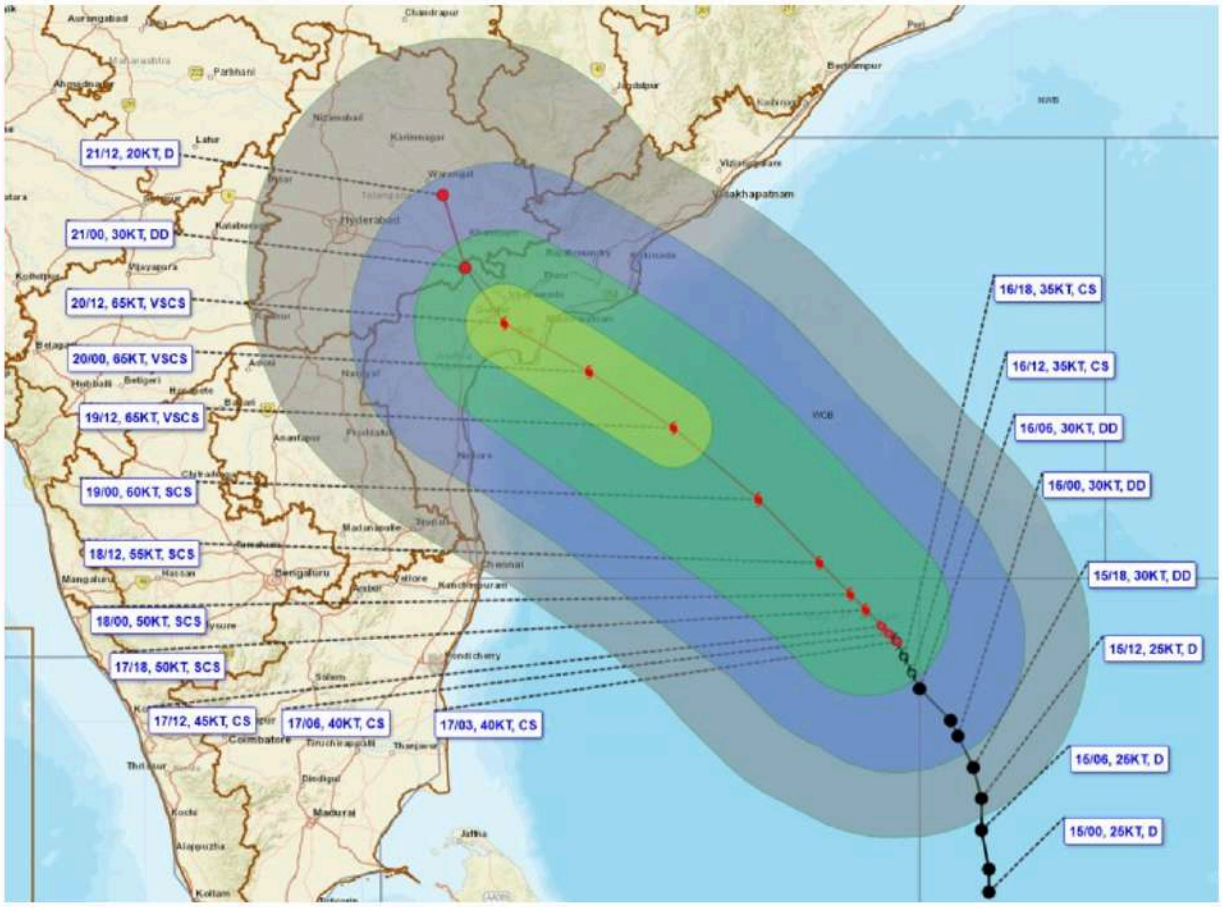
KT (knot) = NAUTICAL MILES PER HOUR (1 KT = 1.85 KMPH)

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

CYCLONIC STORM "AKVAN"

				Forecast distance (km) and direction of the centre from nearest 5 stations				
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
17.11.2026 03:00 UTC	0	12.2	85.7	CHENNAI (610, E)	TRINCOMALEE (630, NE)	MACHILIPATNAM (660, SE)	VISAKHAPATNAM (670, SSE)	GOPALPUR (790, S)

FORECAST TRACK ALONG WITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "AKVAN" OVER CENTRAL PARTS OF SOUTH AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0300 UTC (0830 Hrs. IST) OF 17TH NOVEMBER 2026



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 (48-63 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥120 KT)

KT (knot) = NAUTICAL MILES PER HOUR
1 KT = 1.85 KMPH

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

AREA OF MAXIMUM SUSTAINED WIND SPEED:
28-33 KT (52-61 KMPH)
34-49 KT (62-91 KMPH)
50-63 KT (92-117 KMPH)
≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations

Legends : Day: 08:30 IST to 08:30 IST of next day

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/ one or two places)
No Rain	Dry

Rainfall intensity**:**

24-hr accumulated rainfall (cm/day)	Category
Up to 1	Light rain
2-6	Moderate rain
7-11	Heavy rain
12-20	Very heavy rain
≥ 21	Extremely heavy rain

North Tamil Nadu (NTN) districts	Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram, Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur.
South Tamil Nadu (STN) districts	Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari.
Interior Tamil Nadu (ITN) districts	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
North interior Tamil Nadu (NITN) districts	Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur.
South interior Tamil Nadu (SITN) districts	Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi.
Coastal Tamil Nadu (CTN) districts	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
North Coastal Tamil Nadu (NCTN) districts	Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai.
South Coastal Tamil Nadu (SCTN) districts	Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari.
Delta districts	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area.
Delta and Adjoining districts	Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Tiruchirapalli, Perambalur, Ariyalur, Cuddalore and Karaikal area
Western Ghat districts	Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar, Tirunelveli, Kanyakumari
PDC	Puducherry and Karaikal