



India Meteorological Department
(Ministry of Earth Sciences)

BULLETIN NO. 28 (BOB/09/2022)

TIME OF ISSUE: 1915 HOURS IST

DATED: 10.12.2022

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Sub.: Depression (remnant of the cyclonic storm “Mandous” pronounced as “Man-Dous”) weakened into a Well Marked Low Pressure Area over north interior Tamil Nadu and neighbourhood

The Depression (remnant of the cyclonic storm “**Mandous**” pronounced as “**Man-Dous**”) over north Tamil Nadu moved nearly west-southwestwards during past 06 hours, weakened further and lay as a Well Marked Low Pressure Area over north interior Tamil Nadu and neighbourhood at 1730 hours IST of today, the 10th December 2022. It is very likely to move nearly west-southwestwards and weaken gradually further.

Warnings:

(i) Rainfall (warning graphics enclosed)

- ❖ **10th December:-** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places likely over Rayalaseema, north Tamil Nadu and south interior Karnataka.

This is the last bulletin in association with the system. However regular weather bulletins shall continue from the respective Meteorological Centres and National Weather Forecasting Centre (NWFC), New Delhi, India Meteorological Department.

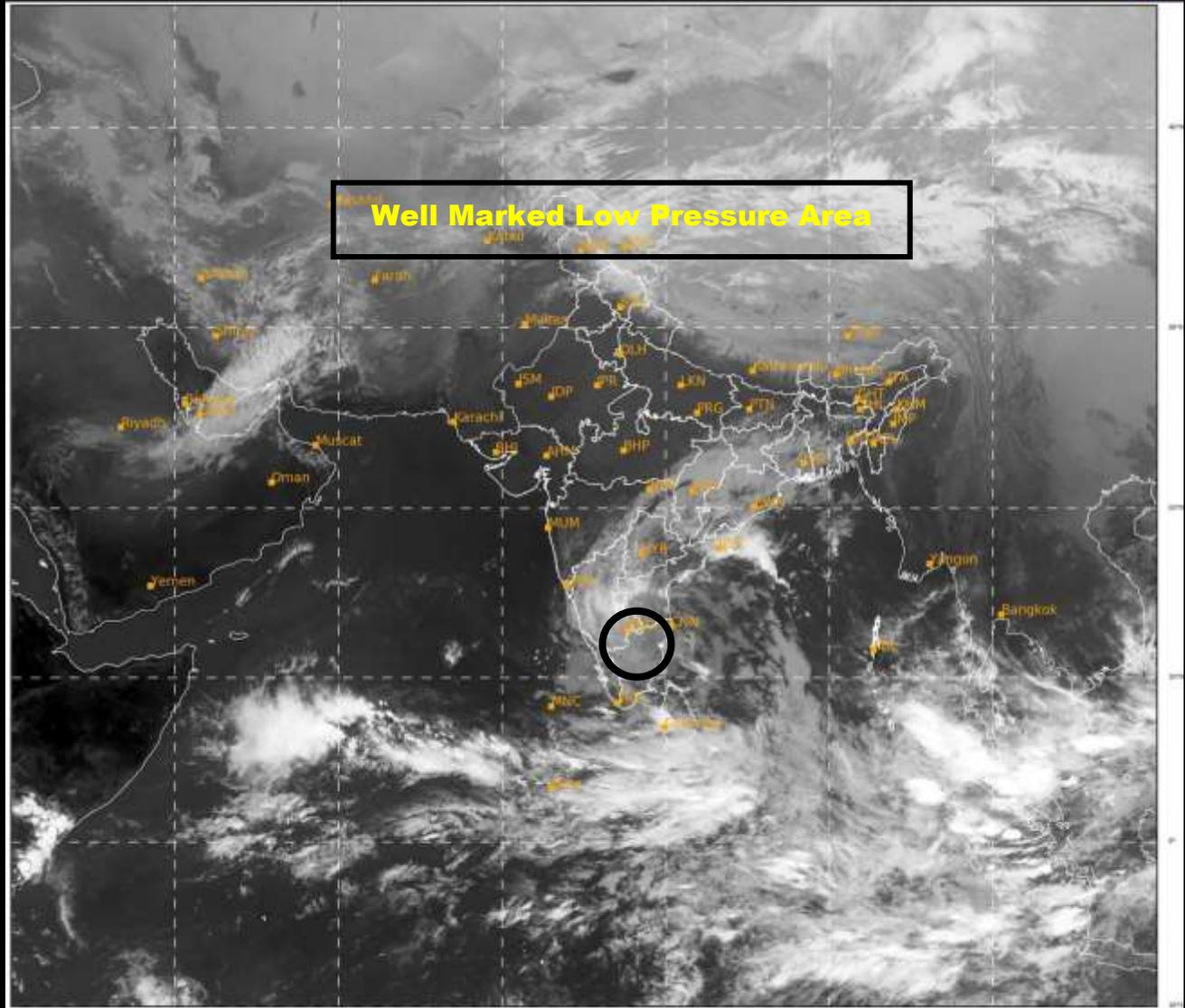
(SHOBHIT KATIYAR)

Scientist C, Cyclone Warning Division, New Delhi

Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWCVisakhapatnam/MO Port Blair

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

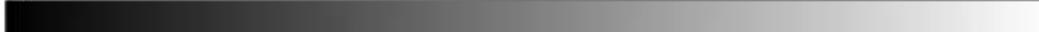
10-12-2022/(1215 to 1242) GMT
10-12-2022/(1745 to 1812) IST



Well Marked Low Pressure Area

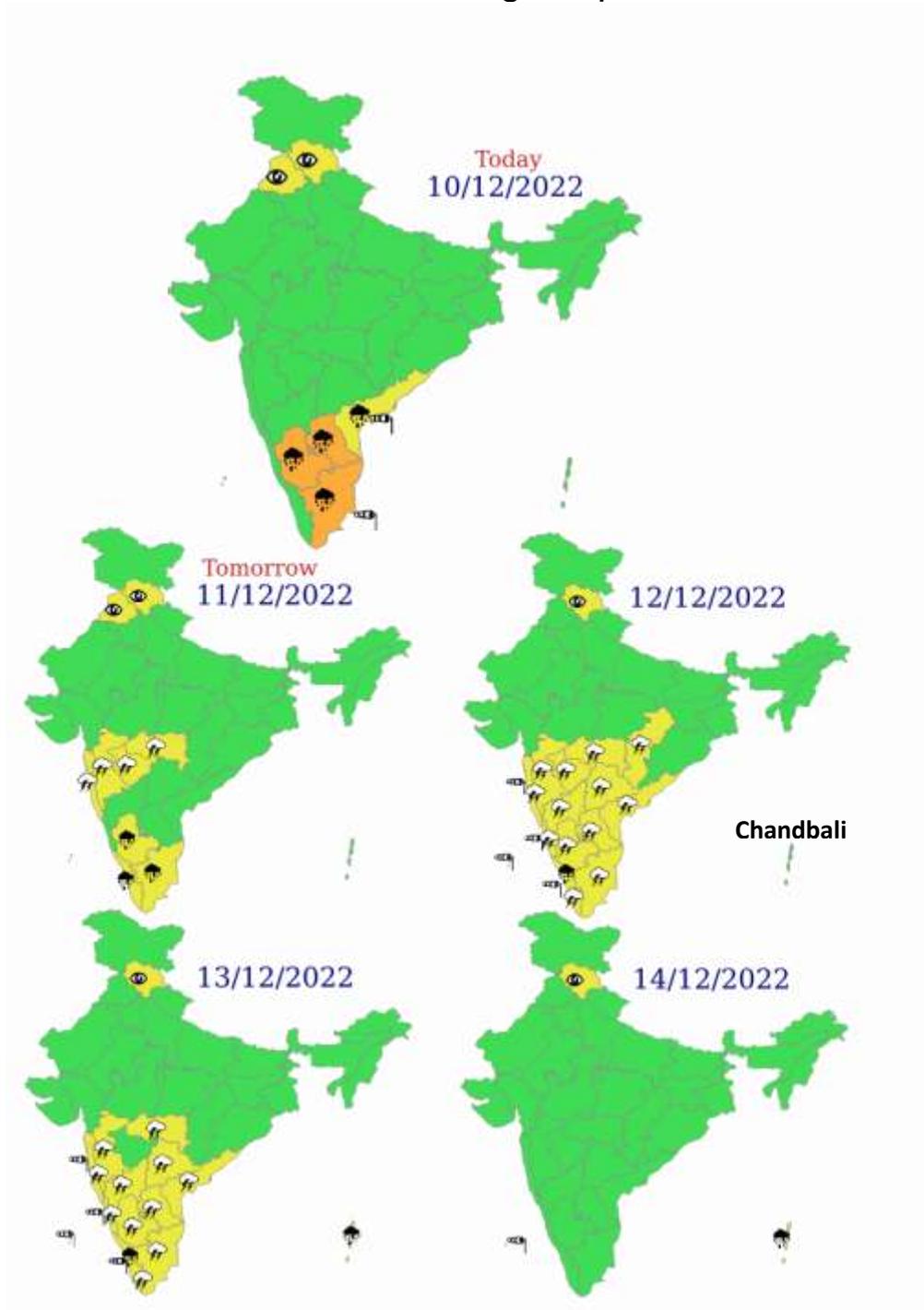
350

940



IMD, DELHI

Multi hazard Warning Graphics



LEGEND: 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.

WARNING		Probabilistic Forecast		Heavy Rain	Heavy Snow	Thunderstorm	Dust Storm
WARNING (TAKE ACTION)		Terms	Probability of Occurrence (%)				
ALERT (BE PREPARED)		Unlikely	< 25				
WATCH (BE UPDATED)		Likely	25 - 50				
NO WARNING (NO ACTION)		Very Likely	51 - 75				
		Most Likely	> 75				



OBSERVED TRACK OF 'WELL MARKED LOW PRESSURE AREA' REMNANT OF CYCLONIC STORM 'MANDOUS' OVER NORTH INTERIOR TAMILNADU BASED ON 1200 UTC OF 10th DECEMBER, 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 (\geq 120 KT)

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