



**India Meteorological Department
(Ministry of Earth Sciences)**

HOURLY UPDATE ON SEVERE CYCLONIC STORM “MONTHA”

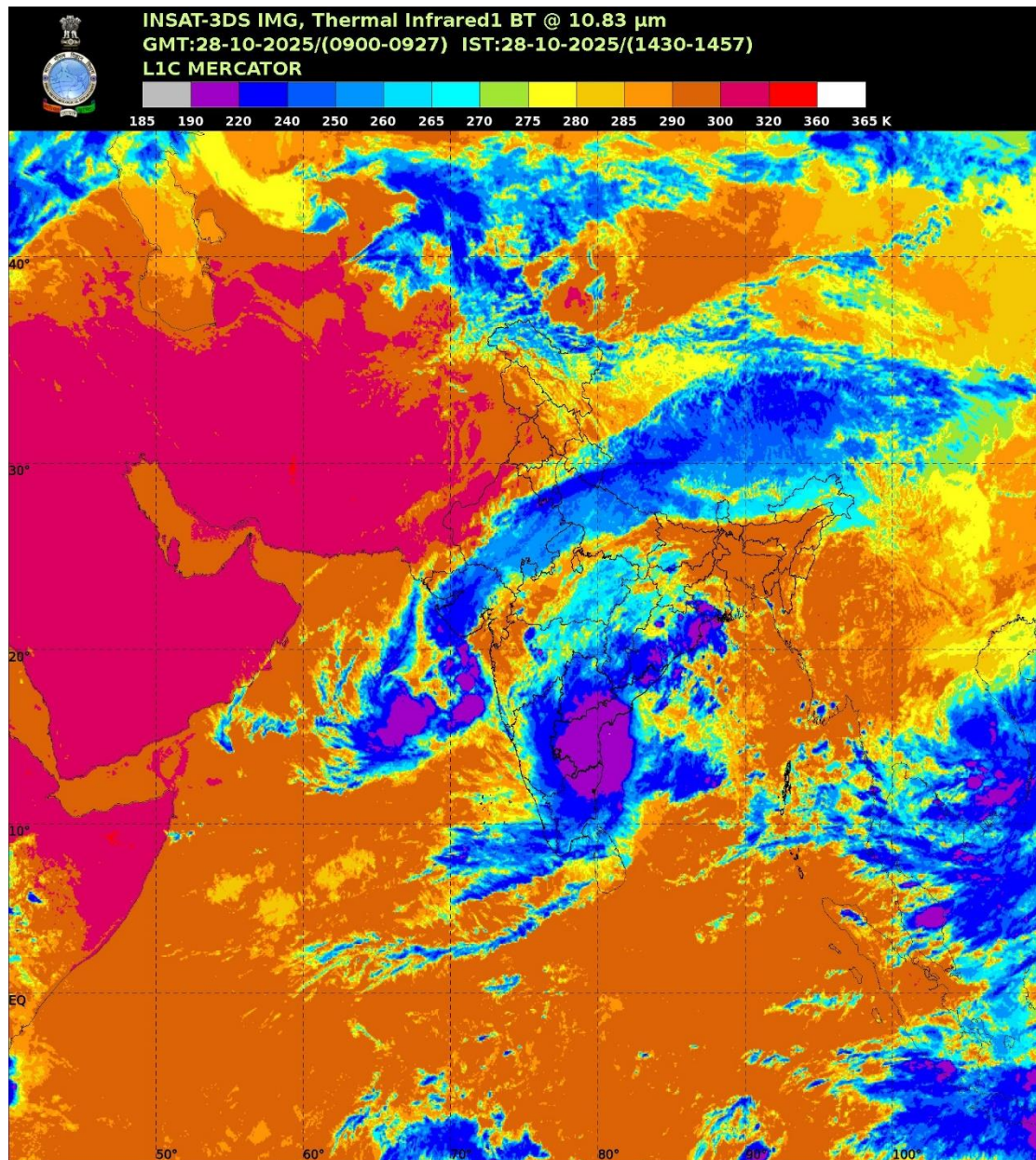
BULLETIN NO. 5

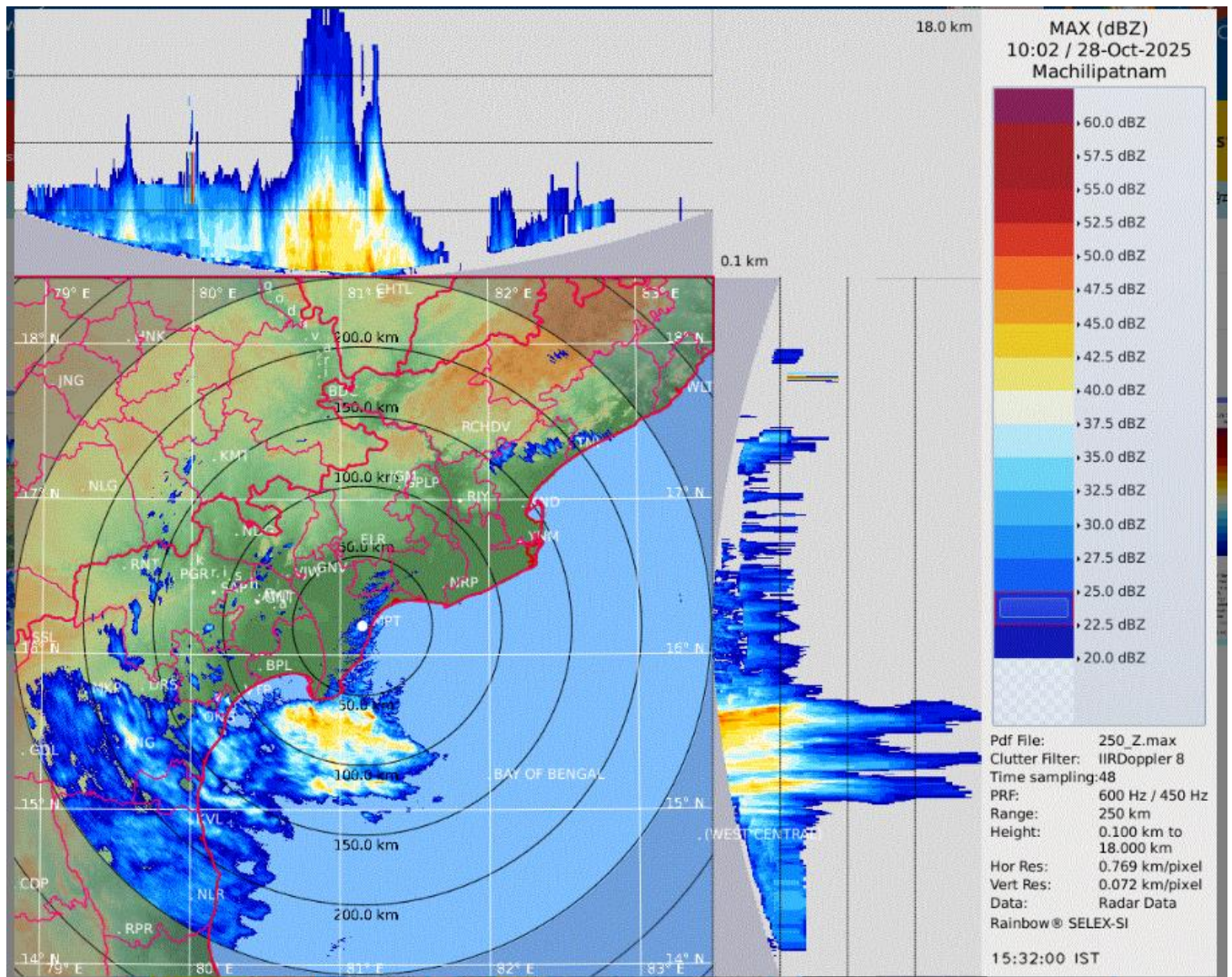
DATE: 28-10-2025

TIME OF ISSUE **1630 HRS IST**

DATE/TIME (IST) OF OBSERVATION	BASED ON 28-10-2025 (1530 HRS IST)
LOCATION LATITUDE/LONGITUDE	The Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over westcentral Bay of Bengal moved north-northwestwards with a speed of 15 kmph during past six hours and lay centered at 1430 hrs IST of today, the 28 th October 2025, over the same region, near latitude 15.7°N & longitude 82.45°E, about 60 km south-southeast of Machilipatnam (Andhra Pradesh), 140 km south-southeast of Kakinada (Andhra Pradesh), 240 km south-southwest of Visakhapatnam (Andhra Pradesh) and 480 km south-southwest of Gopalpur (Odisha).
CURRENT INTENSITY WIND SPEED	Severe Cyclonic Storm 90-100 kmph gusting to 110 kmph
FORECAST	It will continue to move north-northwestwards and cross Andhra Pradesh coast between Machilipatnam and Kalingapatnam around Kakinada during evening/night of today, the 28 th October as a severe cyclonic storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.
OBSERVED WIND (Direction and speed) REPORTED	Machilipatnam: 28 kmph Kakinada: 16 kmph Bapatla: 18 kmph Rajjahmundry Airport: 65 kmph
CUMULATIVE RAINFALL (mm) SINCE 0830 IST OF TODAY	Ulavapadu: 126 Singarayakonda: 105 Kavali: 122 Dagadarthi: 120 B.Kodur: 61

SATELLITE IMAGERY

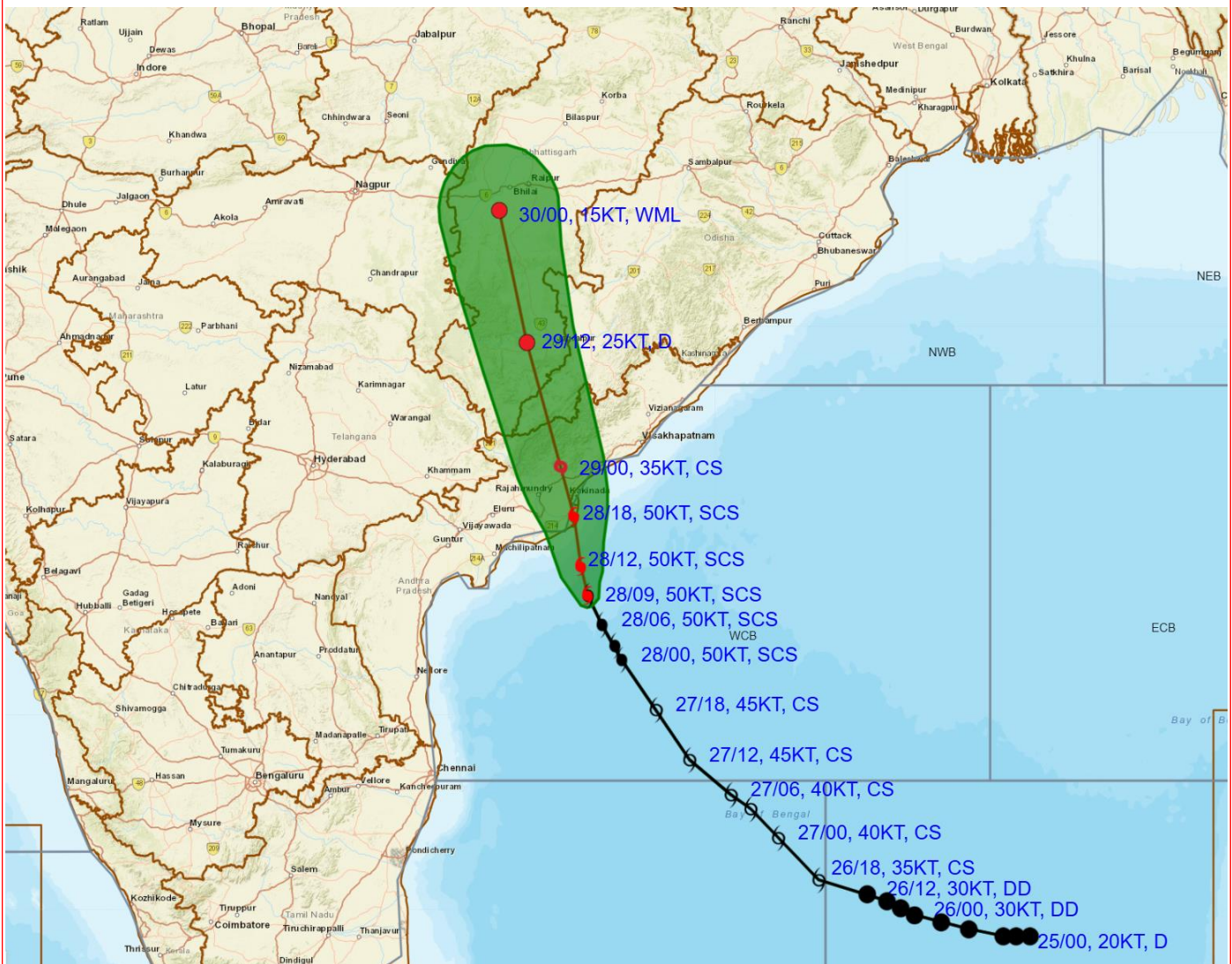




Max Z image of DWR Machilipatnam based on 1002 UTC (1532 IST) of 28th October 2025



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM “MONTHA” OVER WESTCENTRAL BAY OF BENGAL BASED ON 0900 UTC (1430 Hrs. IST) OF 28TH OCTOBER 2025.

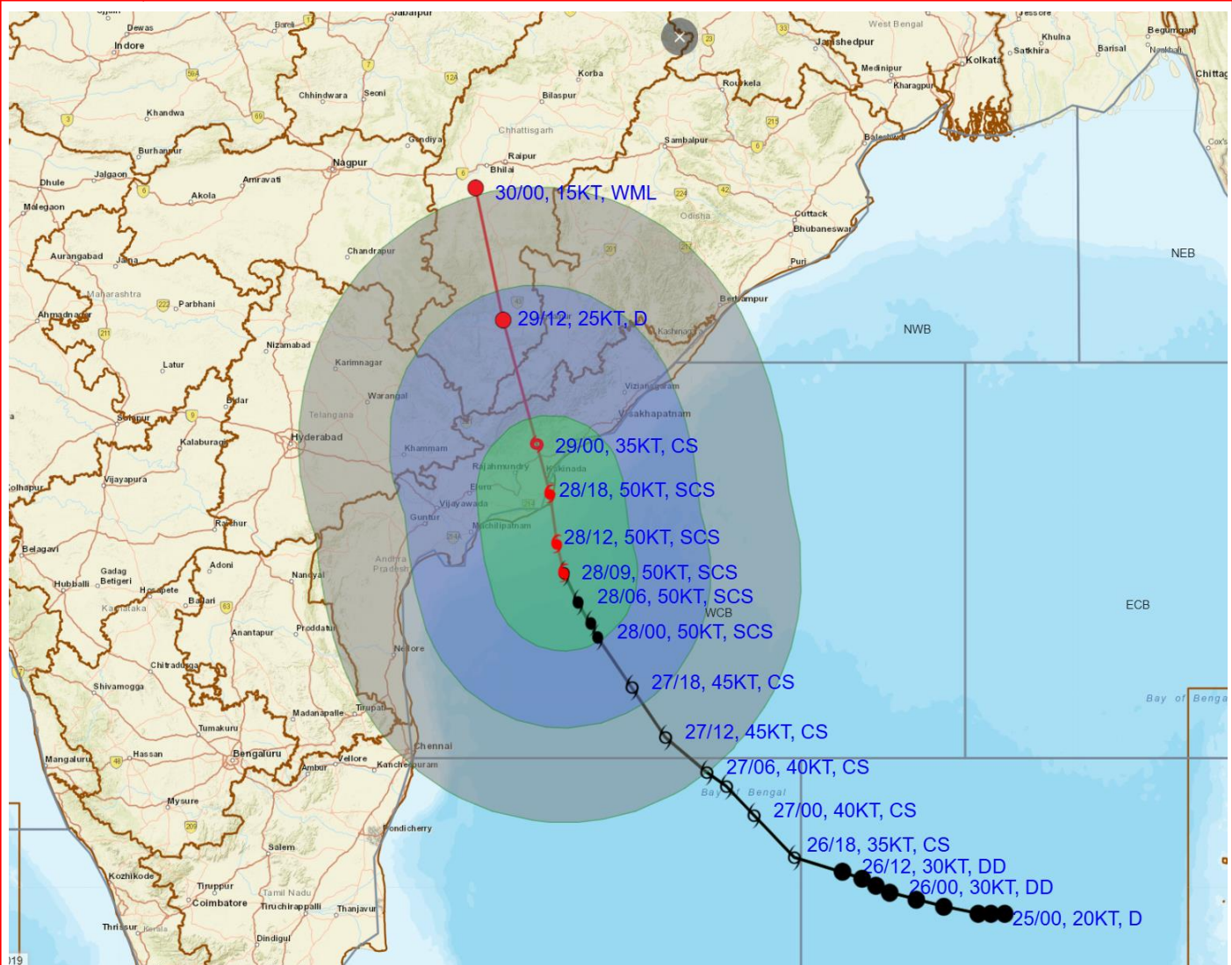


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

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



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM “MONTHA” OVER WESTCENTRAL BAY OF BENGAL BASED ON 0900 UTC (1430 Hrs. IST) OF 28TH OCTOBER 2025.



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— 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)