



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

HOURLY UPDATE ON SEVERE CYCLONIC STORM “MONTHA”

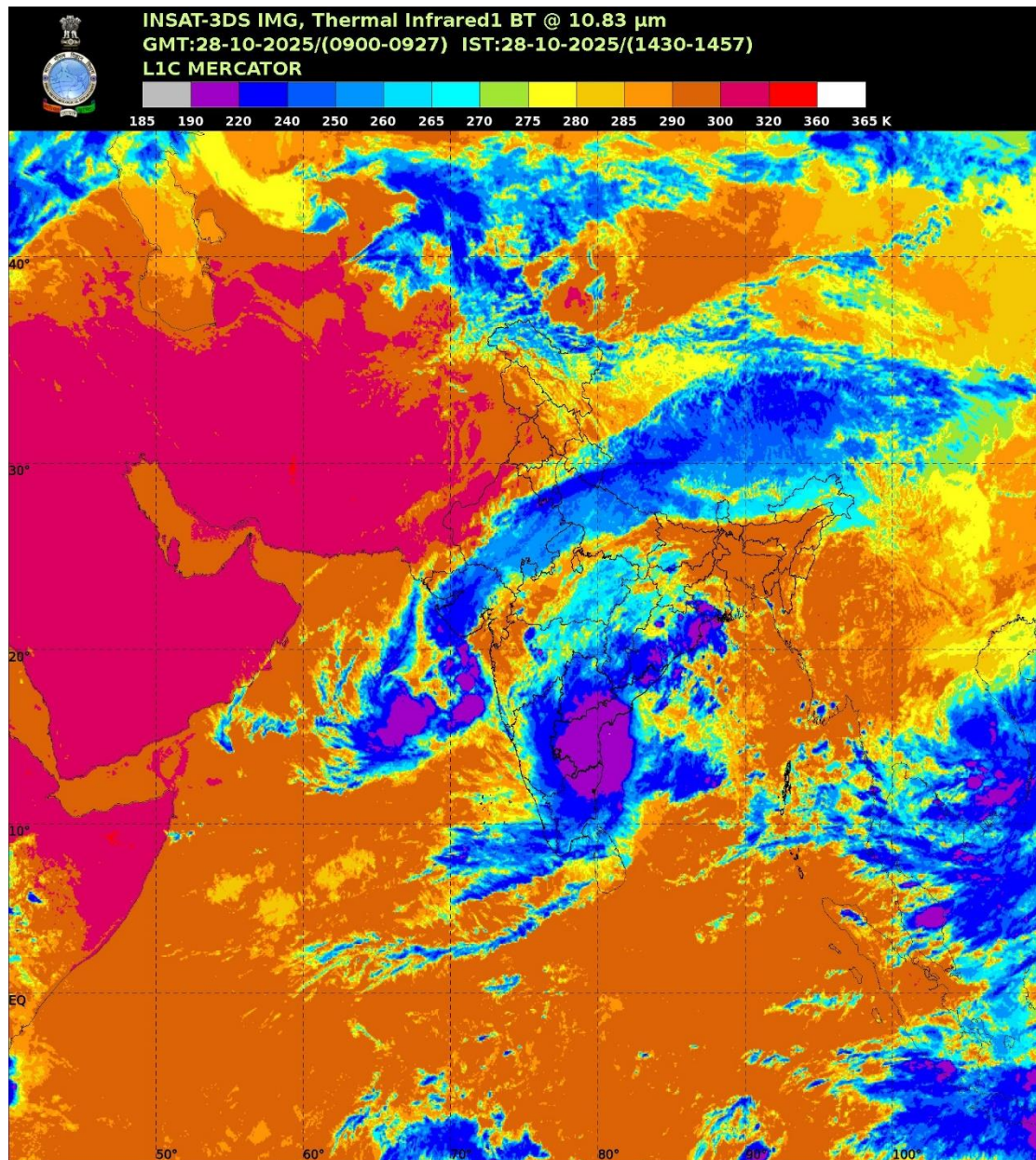
BULLETIN NO. 4

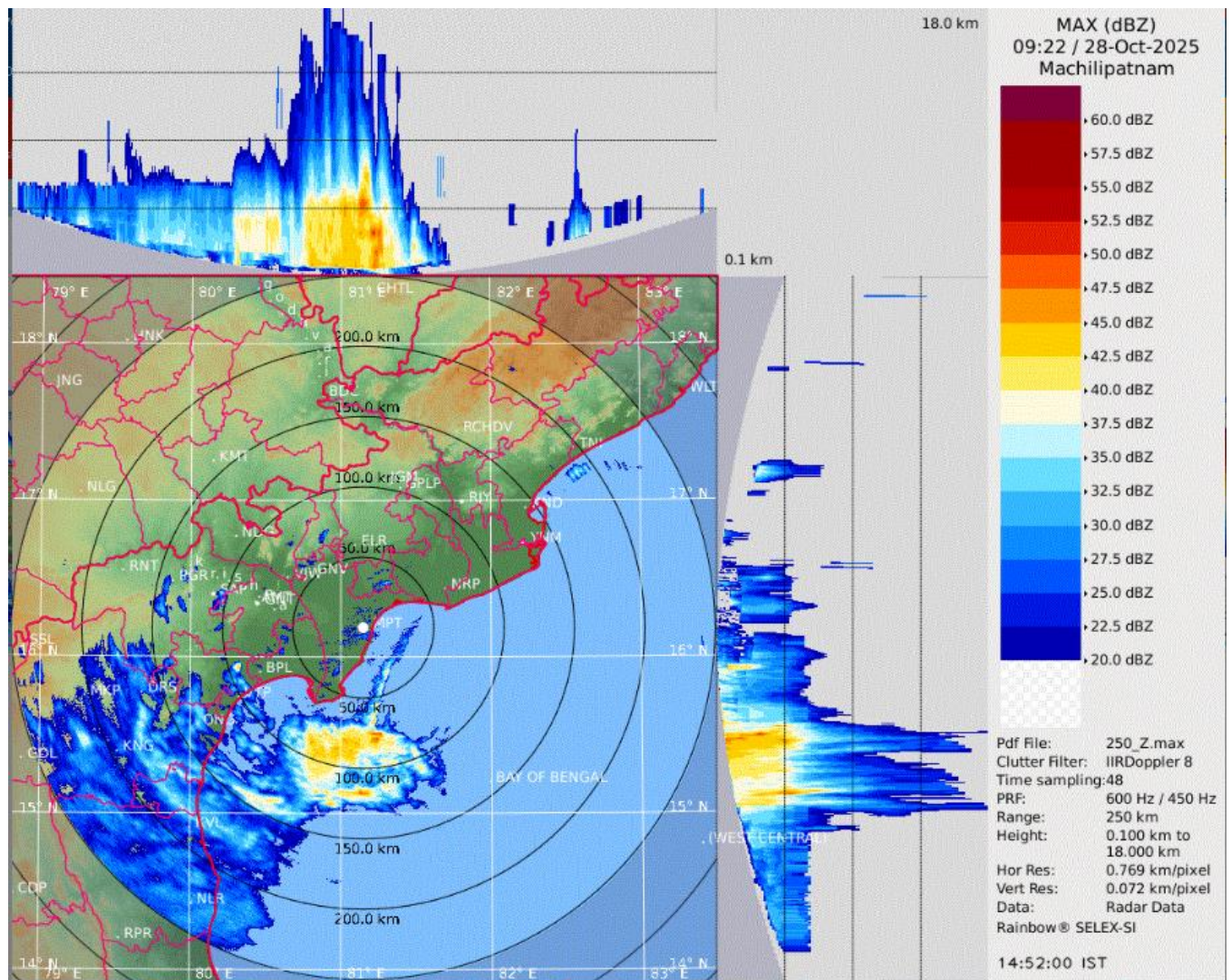
DATE: 28-10-2025

TIME OF ISSUE **1530 HRS IST**

DATE/TIME (IST) OF OBSERVATION	BASED ON 28-10-2025 (1430 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 15.6°N & longitude 82.5°E, about 70 km south-southeast of Machilipatnam (Andhra Pradesh), 150 km south-southeast of Kakinada (Andhra Pradesh), 250 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: 93 kmph Kakinada: 82 kmph Visakhapatnam: 68 kmph Rajahmundry Airport: 65 kmph Marteru: 62 kmph Gangavaram port: 58 kmph Chinthapalli: 55 kmph Badwel: 52 kmph
CUMULATIVE RAINFALL (mm) SINCE 0830 IST OF TODAY	Kavali: 97 Dagadarthi: 90 Singarayakonda: 62 Kaviti: 46 Chillakur: 40 Srungavarapukota: 38

SATELLITE IMAGERY

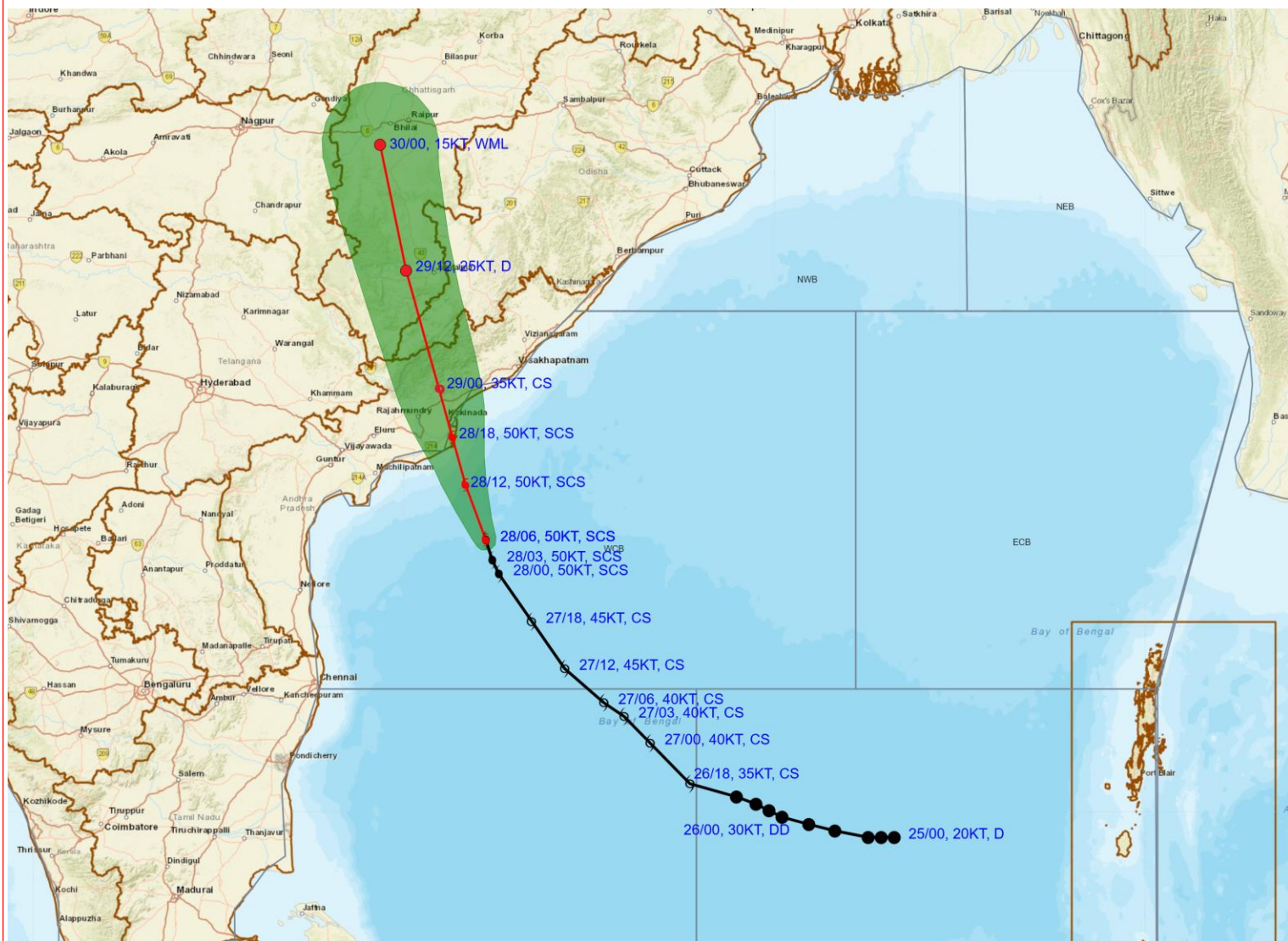




Max Z image of DWR Machilipatnam based on 0922 UTC of 28th October 2025



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM “MONTHA” OVER SOUTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 28TH OCTOBER 2025.

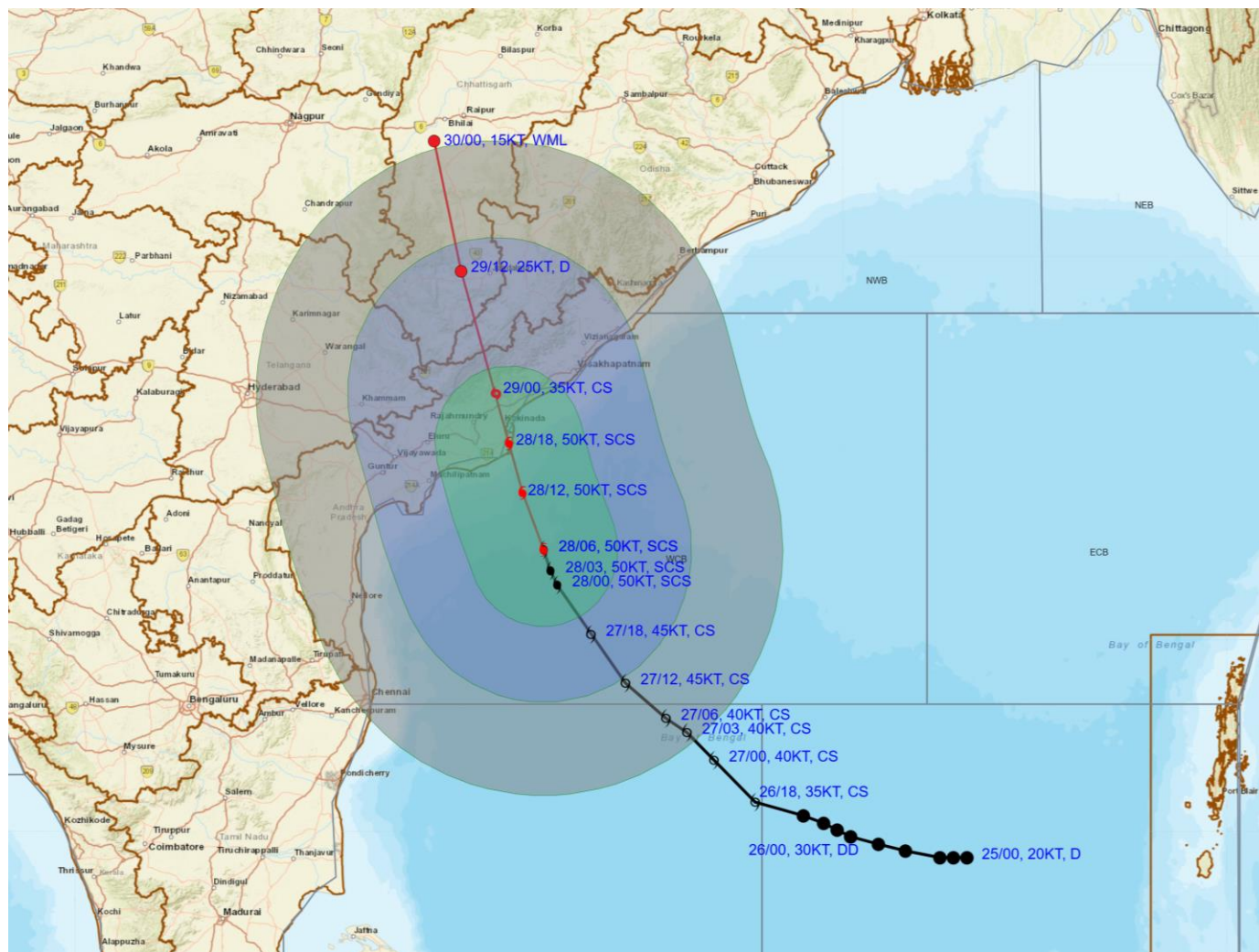


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 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 CYCLONIC STORM “MONTHA” OVER SOUTHWEST AND ADJOINING WESTCENTRAL BAY OF BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 28TH OCTOBER 2025.



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— OBSERVED TRACK

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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