



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

HOURLY UPDATE ON SEVERE CYCLONIC STORM “MONTHA”

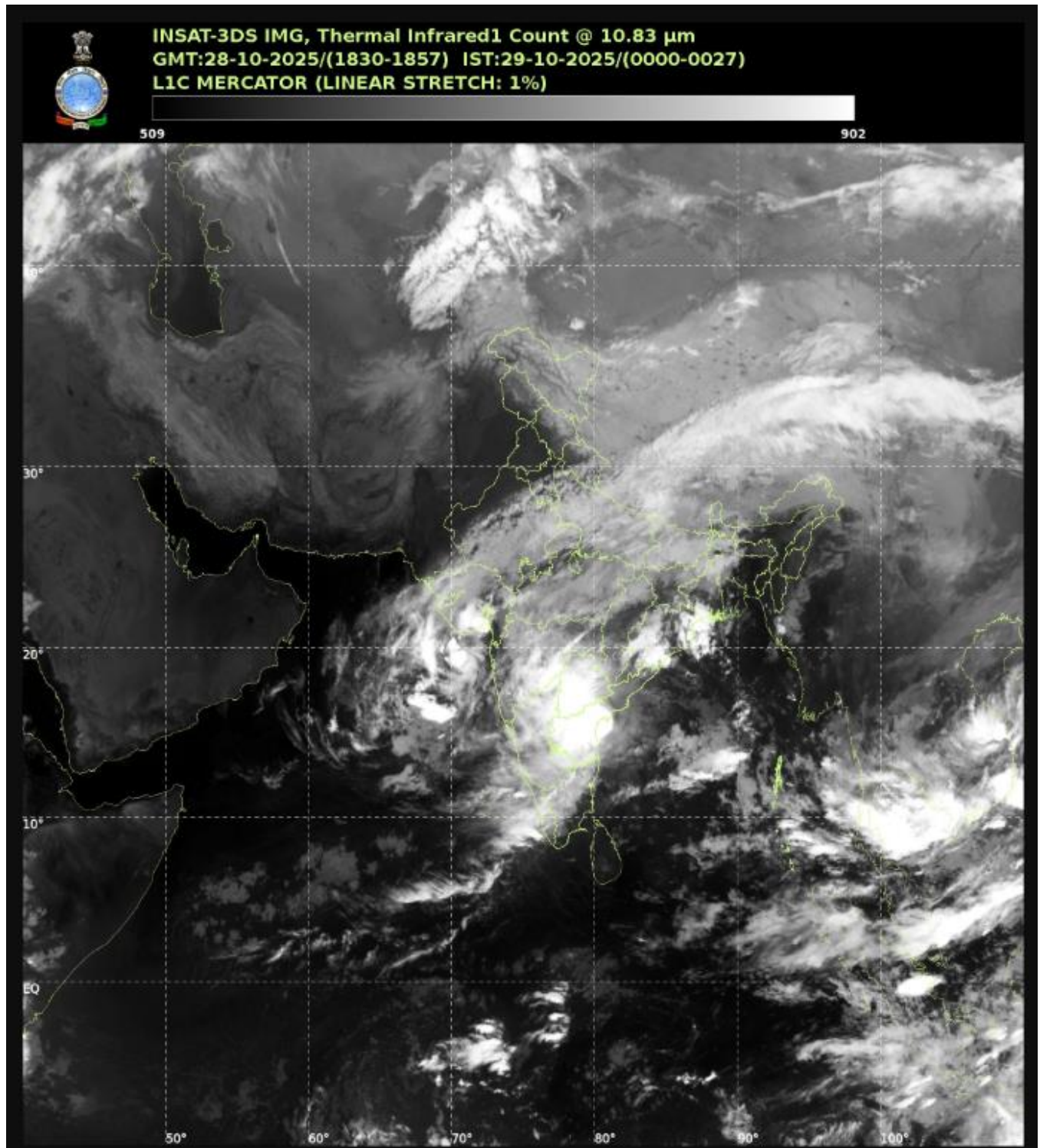
BULLETIN NO. 13

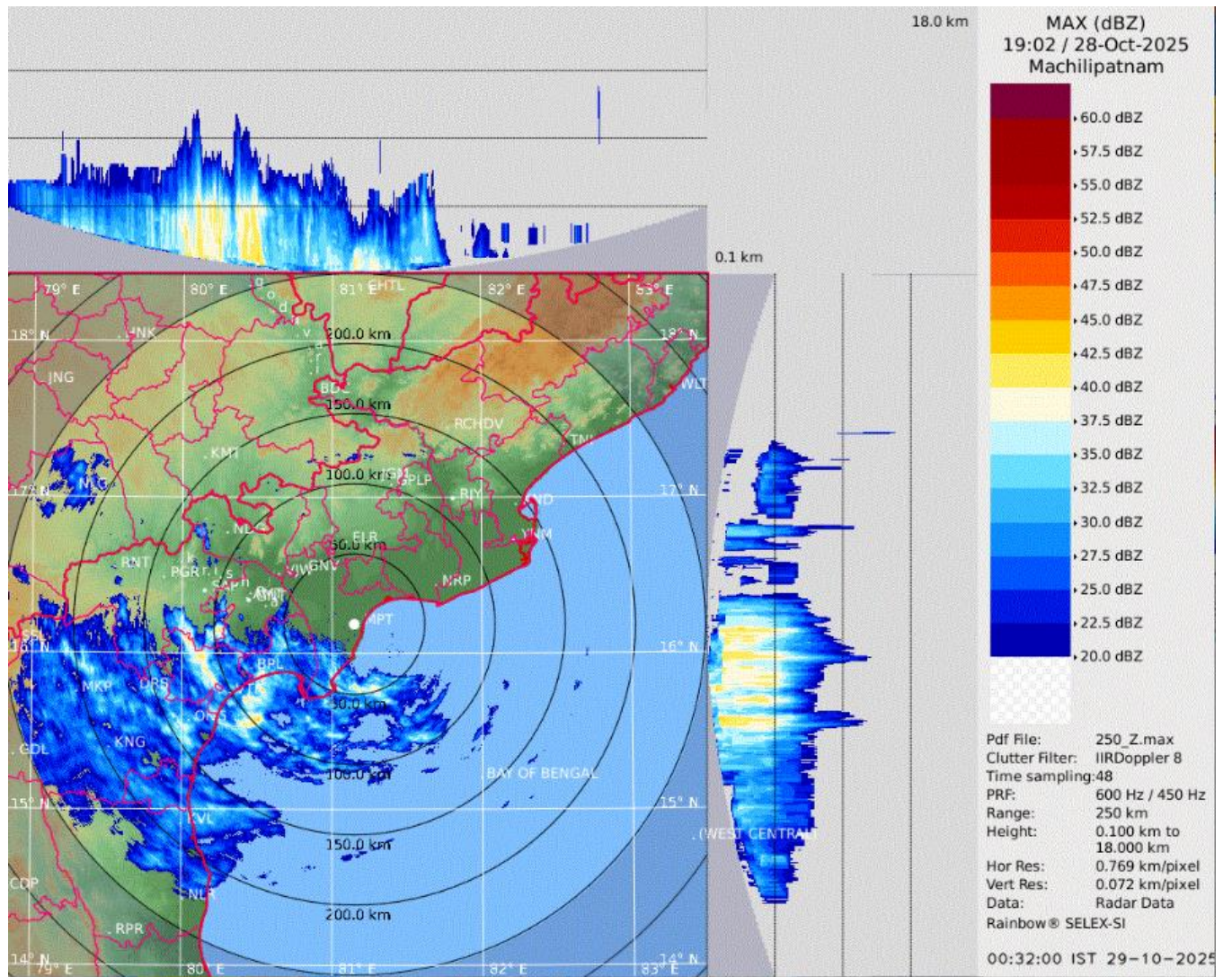
DATE: 29-10-2025

TIME OF ISSUE 0030 HRS IST

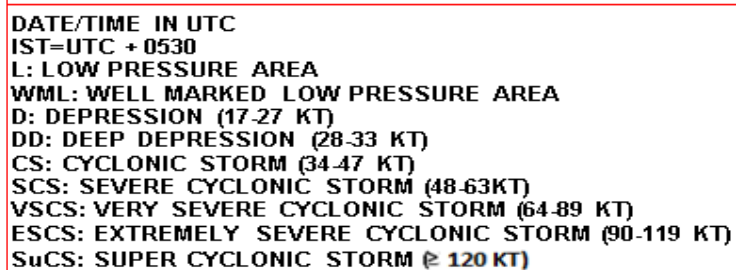
DATE/TIME (IST) OF OBSERVATION	BASED ON 28-10-2025 (2330 HRS IST)
LOCATION LATITUDE/LONGITUDE	The Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over westcentral Bay of Bengal moved west-northwestwards with a speed of 12 kmph during past six hours and lay centered at 2330 hrs IST of 28th October 2025, over westcentral Bay of Bengal, close to Andhra Pradesh & Yanam coasts near latitude 16.3°N & longitude 81.7°E, about 50 km east-northeast of Machilipatnam (Andhra Pradesh), 90 km southwest of Kakinada (Andhra Pradesh), 230 km southwest of Visakhapatnam (Andhra Pradesh) and 470 km southwest of Gopalpur (Odisha). The latest observations indicate that the severe cyclonic storm, “Montha” crossed the Andhra Pradesh & Yanam coasts between Machilipatnam and Kalingapatnam, to the south of Kakinada, close to Narsapur near latitude 16.35°N and longitude 83.70°E during midnight (2330 hrs IST of 28th and 0030 hrs IST of 29th October 2025).
CURRENT INTENSITY WIND SPEED	Severe Cyclonic Storm 90-100 kmph gusting to 110 kmph
FORECAST	It is likely to move northwestwards across coastal Andhra Pradesh, and weaken into a cyclonic storm during next 6 hours. The rear sector of the severe cyclonic storm “Montha” will move completely into land within next 1-2 hours.
OBSERVED WIND SPEED REPORTED	Machilipatnam: 64 kmph Kakinada: 38 kmph Rajahmundry Airport: 37 kmph Kavali: 32 kmph Bapatla: 46 kmph Visakhapatnam: 40 kmph
CUMULATIVE RAINFALL (mm) SINCE 0830 IST OF TODAY	Ulavapadu: 170 Kavali: 210 Dagadarthi: 180 Nellore: 110 Prakasham-CS Puram: 100 Chirala: 117 mm

SATELLITE IMAGERY





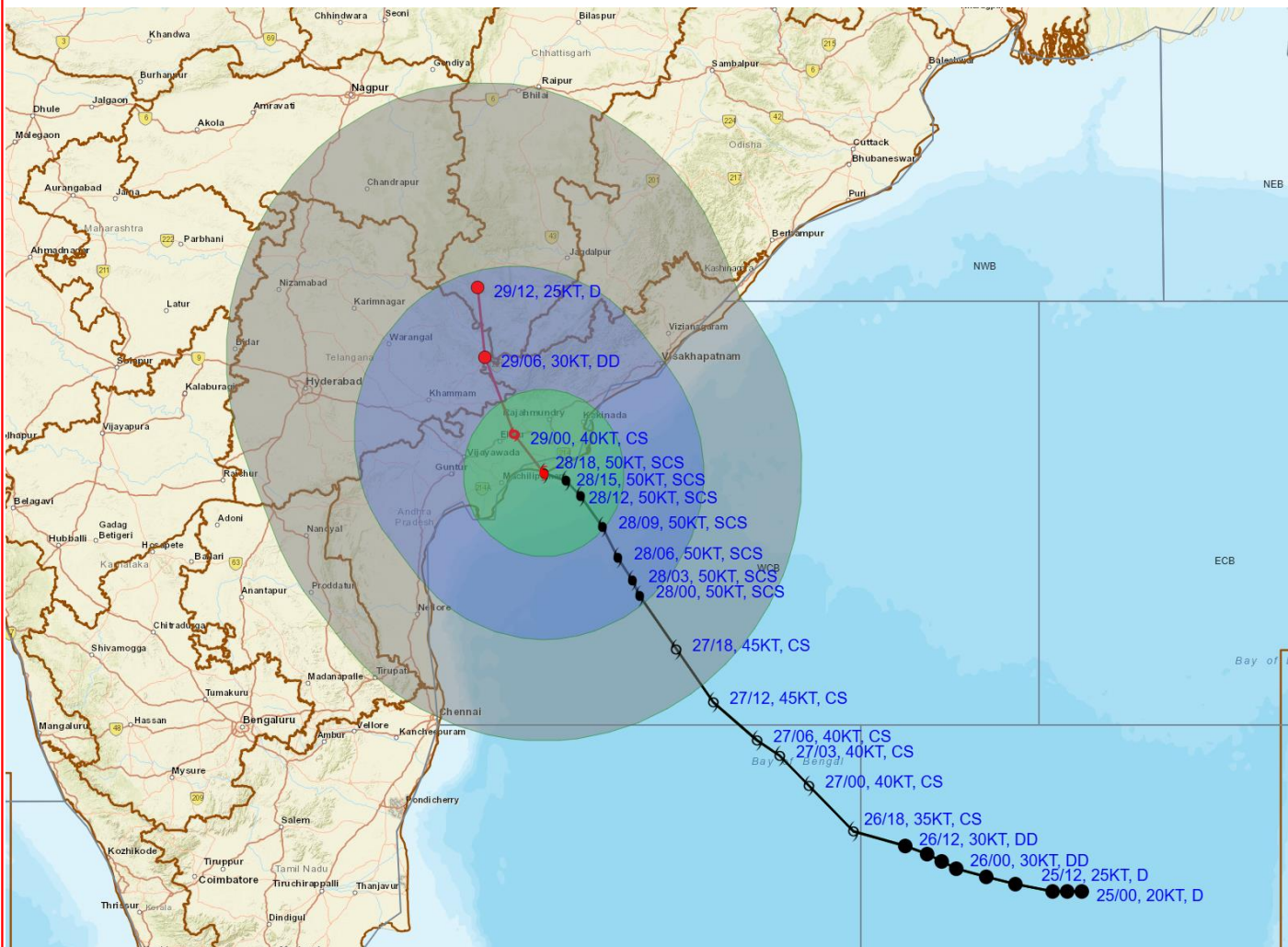
Max Z image of DWR Machilipatnam based on 1902 UTC of 28th October (0032 IST of 29th October 2025)



-  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 COASTAL ANDHRA PRADESH BASED ON 1800 UTC (2330 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 (48-63 KT)

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

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