



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

**HOURLY UPDATE ON SEVERE CYCLONIC STORM “MONTHA”**

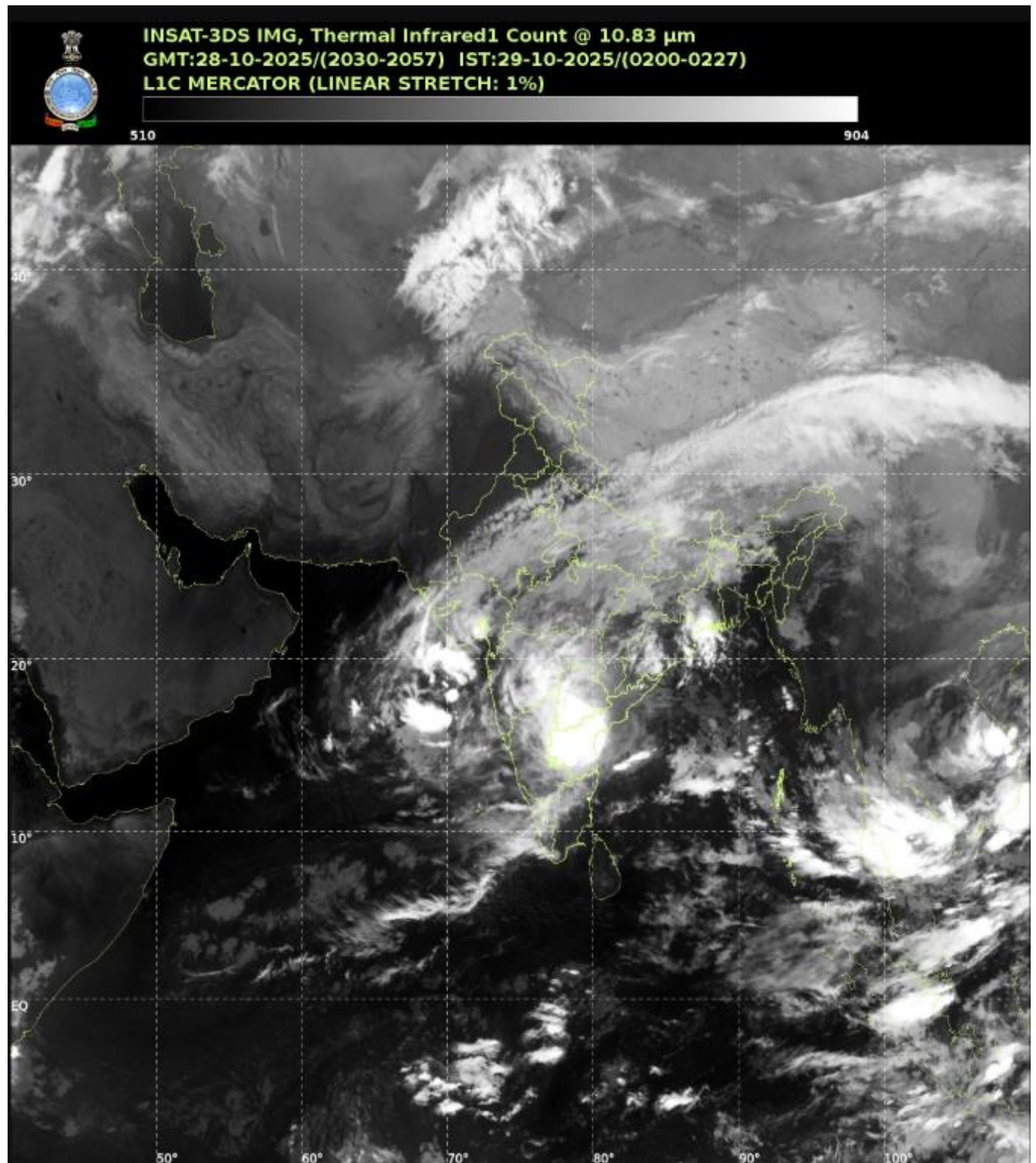
**BULLETIN NO. 15**

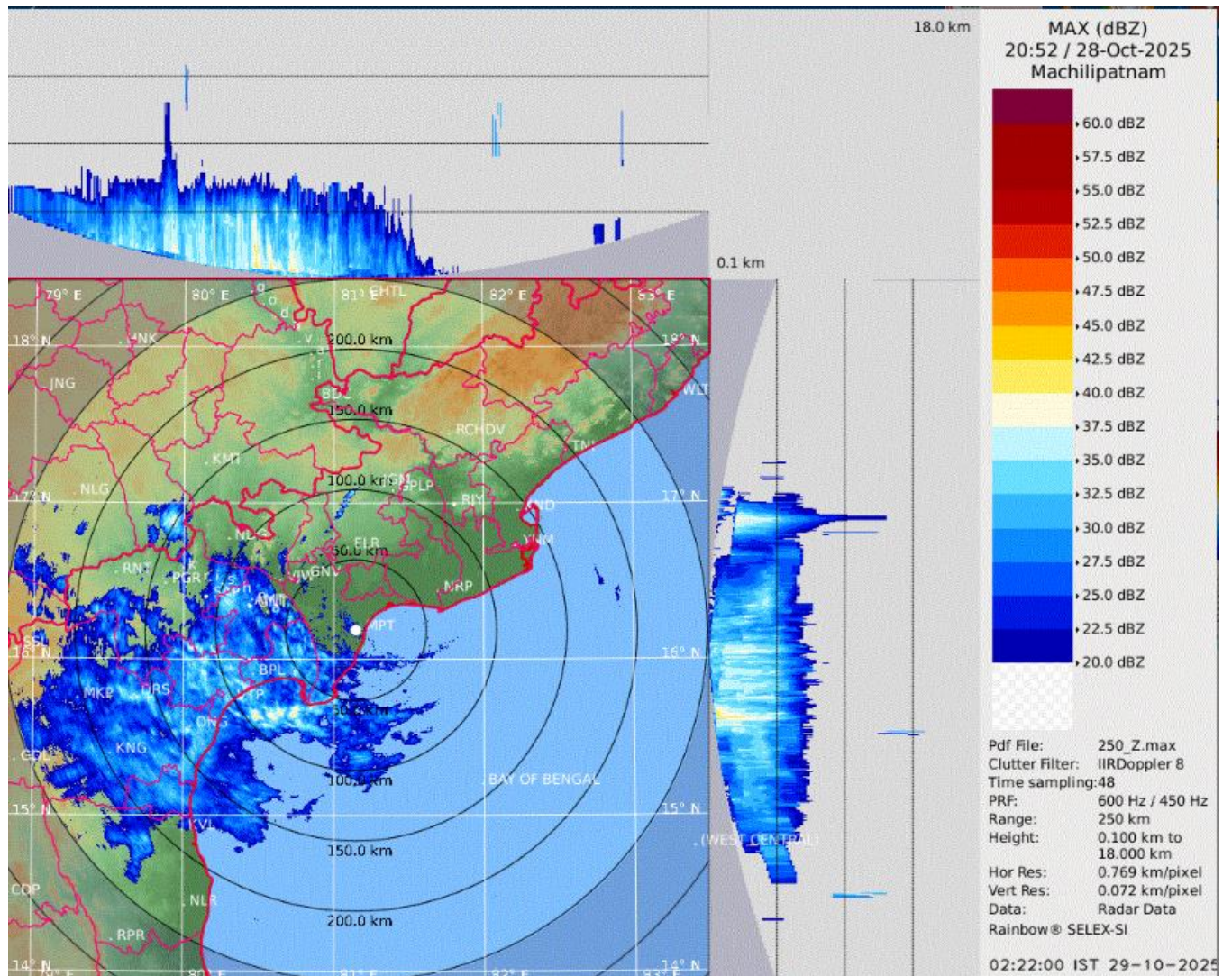
DATE: 29-10-2025

TIME OF ISSUE 0250 HRS IST

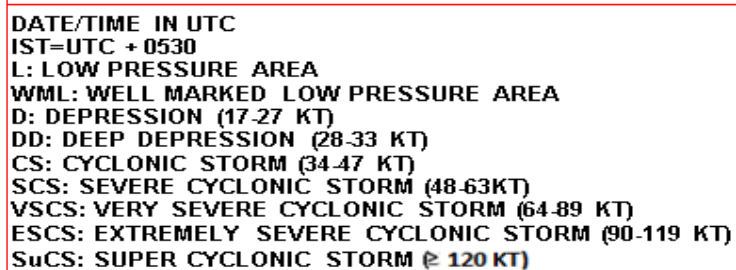
| DATE/TIME (IST) OF<br>OBSERVATION                      | BASED ON 29-10-2025 (0530 HRS IST)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOCATION<br>LATITUDE/LONGITUDE                         | The Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over the coastal Andra Pradesh moved west-northwestwards with a speed of 12 kmph during past six hours and lay centered at 0130 hrs IST of today, the 29 <sup>th</sup> October 2025, the same region, near latitude 16.4°N & longitude 81.65°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). |
| CURRENT INTENSITY<br>WIND SPEED                        | Severe Cyclonic Storm 85-95 kmph gusting to 105 kmph                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| FORECAST                                               | It is likely to move northwestwards across coastal Andhra Pradesh, and weaken into a cyclonic storm during next 6 hours.<br><b>The rear sector of the severe cyclonic storm “Montha” will move completely into land within a hour.</b>                                                                                                                                                                                                                                                                                |
| OBSERVED WIND<br>SPEED REPORTED                        | Machilipatnam: 54 kmph<br>Kakinada: 31 kmph<br>Kavali: 32 kmph<br>Bapatla: 45 kmph<br>Visakhapatnam: 42 kmph                                                                                                                                                                                                                                                                                                                                                                                                          |
| CUMULATIVE RAINFALL<br>(mm) SINCE 0830 IST OF<br>TODAY | Kavali: 232<br>Ulavapadu: 180<br>Dagadarthi: 186<br>Nellore: 110<br>Prakasham-CS Puram: 104<br>Chirala: 161 mm                                                                                                                                                                                                                                                                                                                                                                                                        |

## SATELLITE IMAGERY





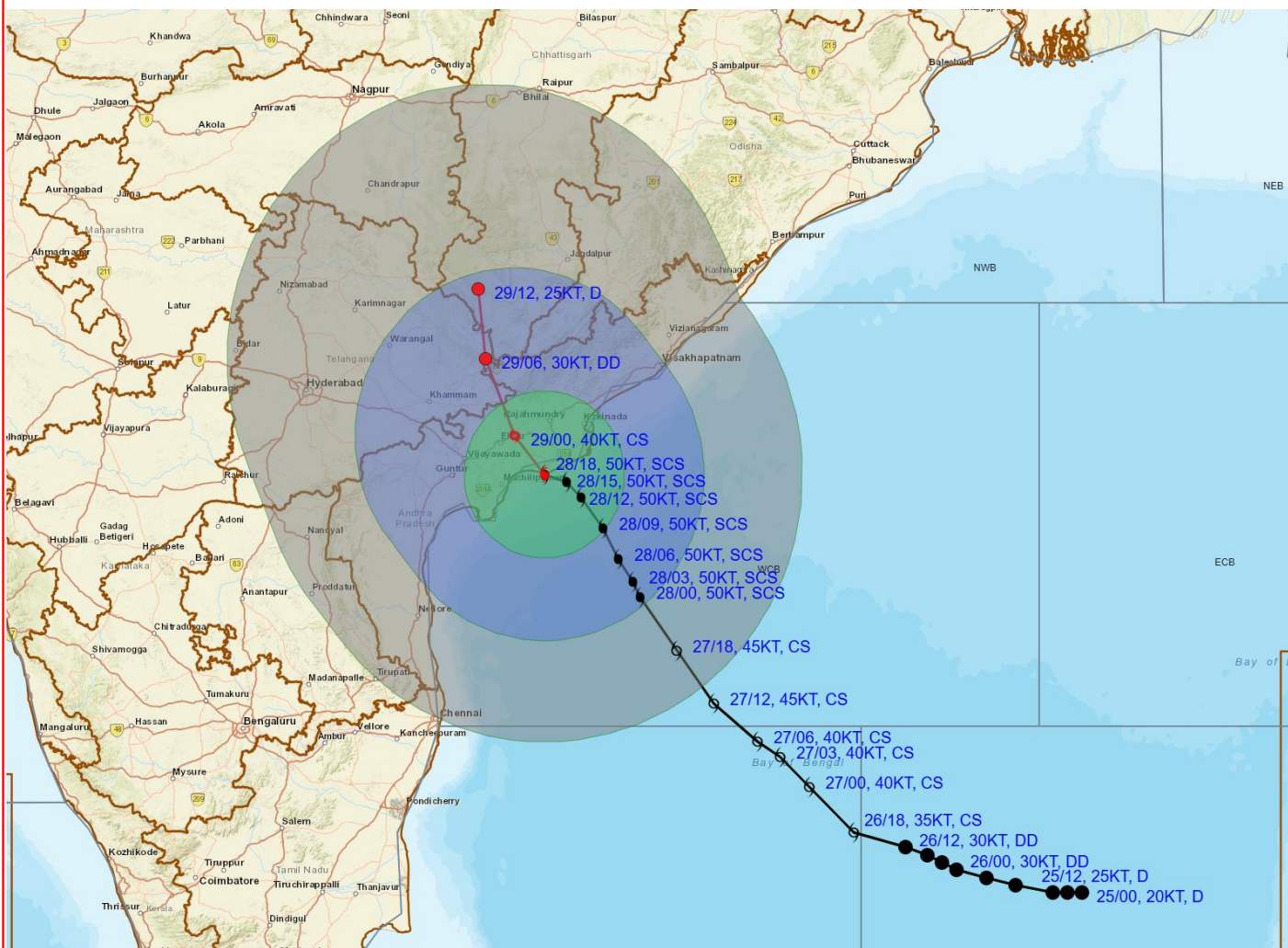
**Max Z image of DWR Machilipatnam based on 2052 UTC of 28<sup>th</sup> October (0222 IST of 29<sup>th</sup> October 2025)**



-  LESS THAN 34 KT
-  34-47 KT
-   $\geq 48$  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 |