



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

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

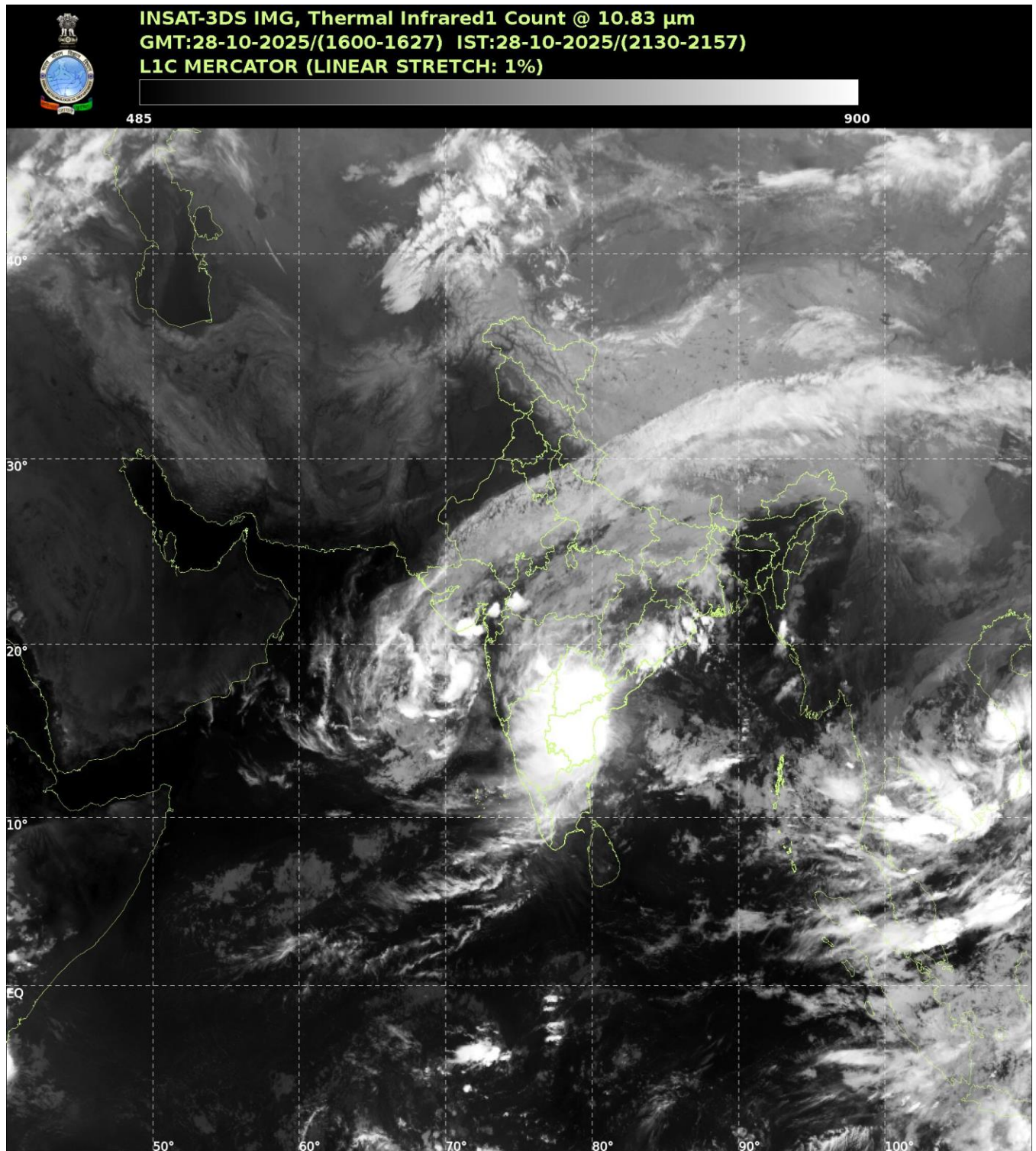
**BULLETIN NO. 11**

DATE: 28-10-2025

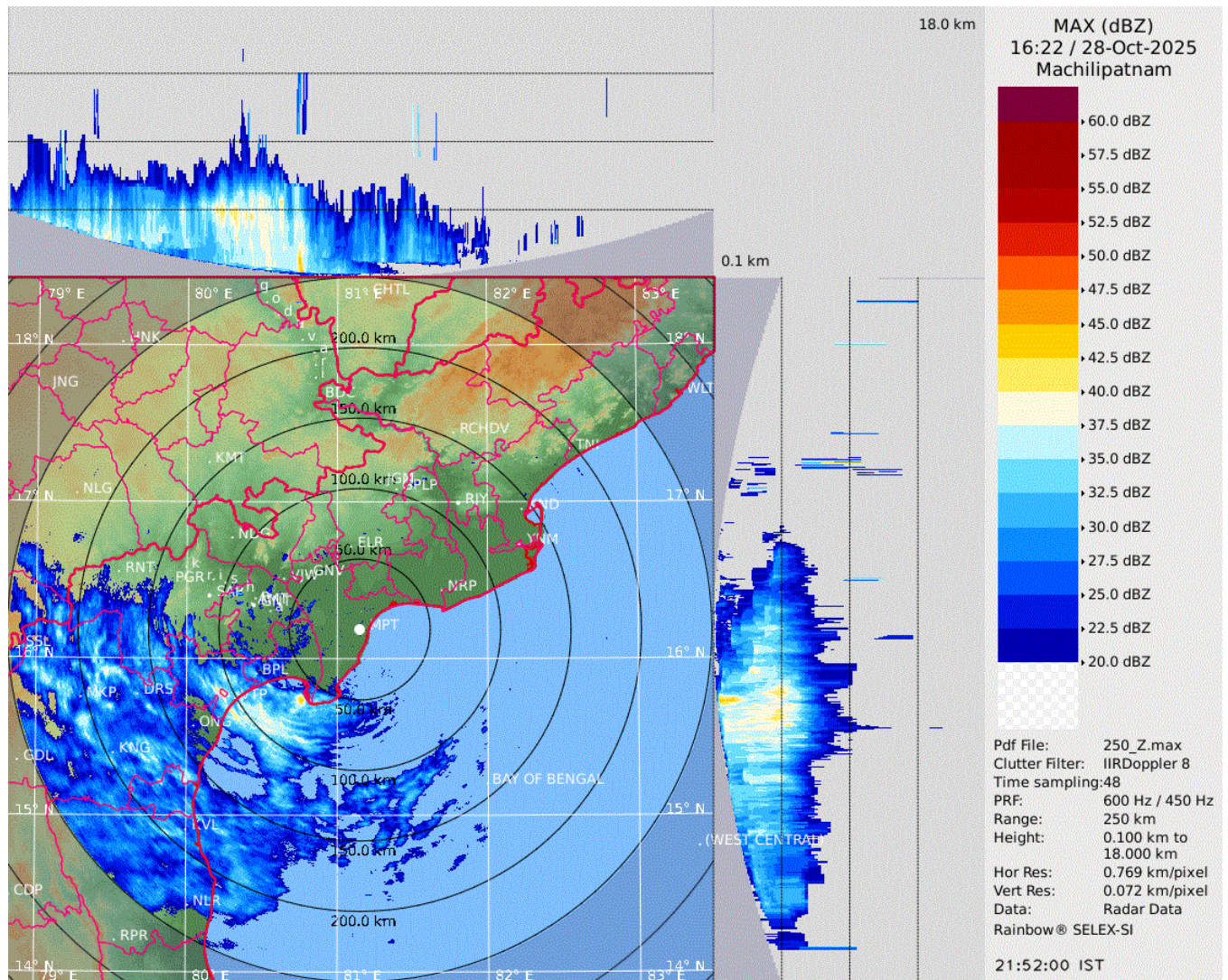
TIME OF ISSUE **2215 HRS IST**

| DATE/TIME (IST) OF<br>OBSERVATION                      | BASED ON 28-10-2025 (2130 HRS IST)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOCATION<br>LATITUDE/LONGITUDE                         | <p>The Severe Cyclonic Storm “Montha” [Pronunciation: Mon-Tha] over westcentral Bay of Bengal moved northwestwards with a speed of 15 kmph during past six hours and lay centered at 2130 hrs IST of today, the 28<sup>th</sup> October 2025, over westcentral Bay of Bengal, close to Andhra Pradesh &amp; Yanam coasts near latitude 16.2°N &amp; longitude 81.8°E, about 60 km east of Machilipatnam (Andhra Pradesh), 100 km south-southwest of Kakinada (Andhra Pradesh), 230 km southwest of Visakhapatnam (Andhra Pradesh) and 480 km southwest of Gopalpur (Odisha).</p> <p><b>The landfall process continues.</b></p> |
| CURRENT INTENSITY<br>WIND SPEED                        | Severe Cyclonic Storm 90-100 kmph gusting to 110 kmph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| FORECAST                                               | <p>It is likely to move northwestwards and cross Andhra Pradesh &amp; Yanam coast between Machilipatnam and Kalingapatnam, to the south of Kakinada during next 2 hours as a severe cyclonic storm with a maximum sustained wind speed of 90-100 kmph gusting to 110 kmph.</p> <p><b>The landfall process will continue for next 2 hours.</b></p>                                                                                                                                                                                                                                                                              |
| OBSERVED WIND<br>SPEED REPORTED                        | <p>Machilipatnam: 76 kmph<br/>Kakinada: 34 kmph<br/>Rajahmundry Airport: 37 kmph<br/>Kavali: 46 kmph<br/>Bapatla: 54 kmph<br/>Visakhapatnam: 39 kmph</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CUMULATIVE RAINFALL<br>(mm) SINCE 0830 IST OF<br>TODAY | <p>Ulavapadu: 170<br/>Kavali: 172<br/>Dagadarthi: 155<br/>Nellore: 107<br/>Prakasham-CS Puram: 82<br/>Chirala: 78 mm</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

# SATELLITE IMAGERY





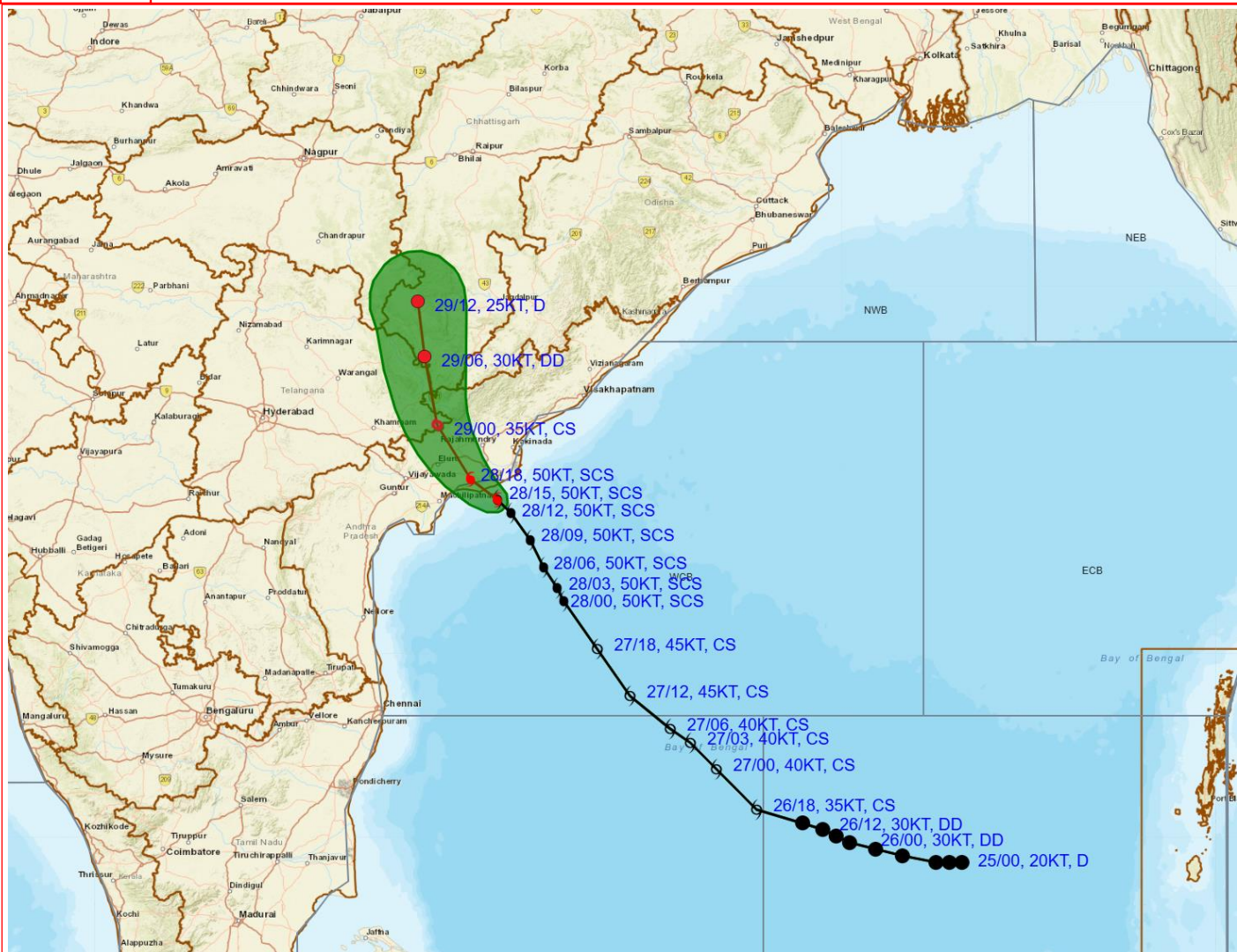


**Max Z image of DWR Machilipatnam based on 1622 UTC (2152 IST) of 28<sup>th</sup> October 2025**





# **OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "MONTHA" OVER WESTCENTRAL BAY OF BENGAL CLOSE TO ANDHRA PRADESH-YANAM COASTS BASED ON 1500 UTC (2030 Hrs. IST) OF 28TH OCTOBER 2025.**

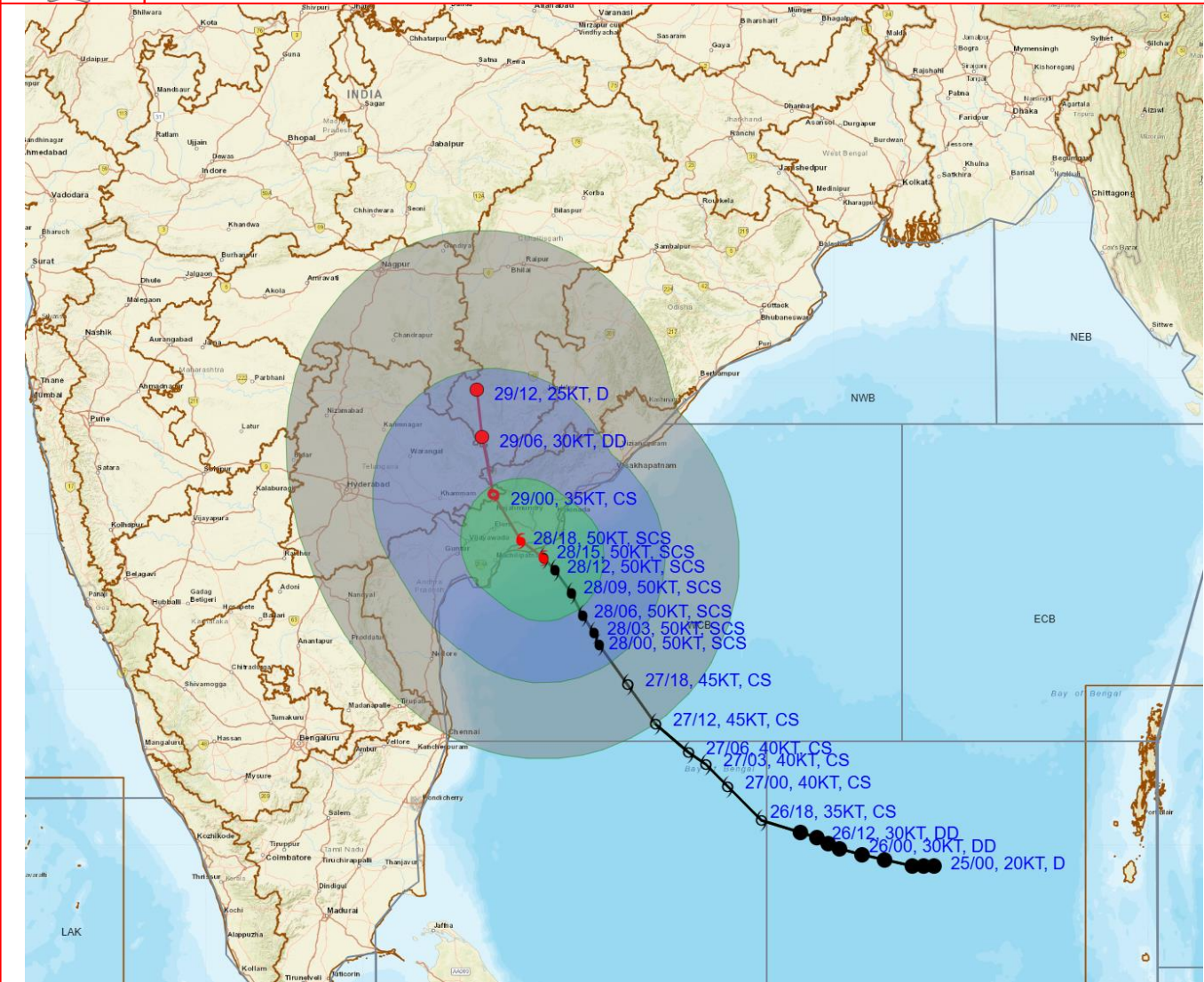


DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE 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 CLOSE TO ANDHRA PRADESH-YANAM COASTS BASED ON 1500 UTC (2030 Hrs. IST) OF 28TH OCTOBER 2025.**



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● 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 |