



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

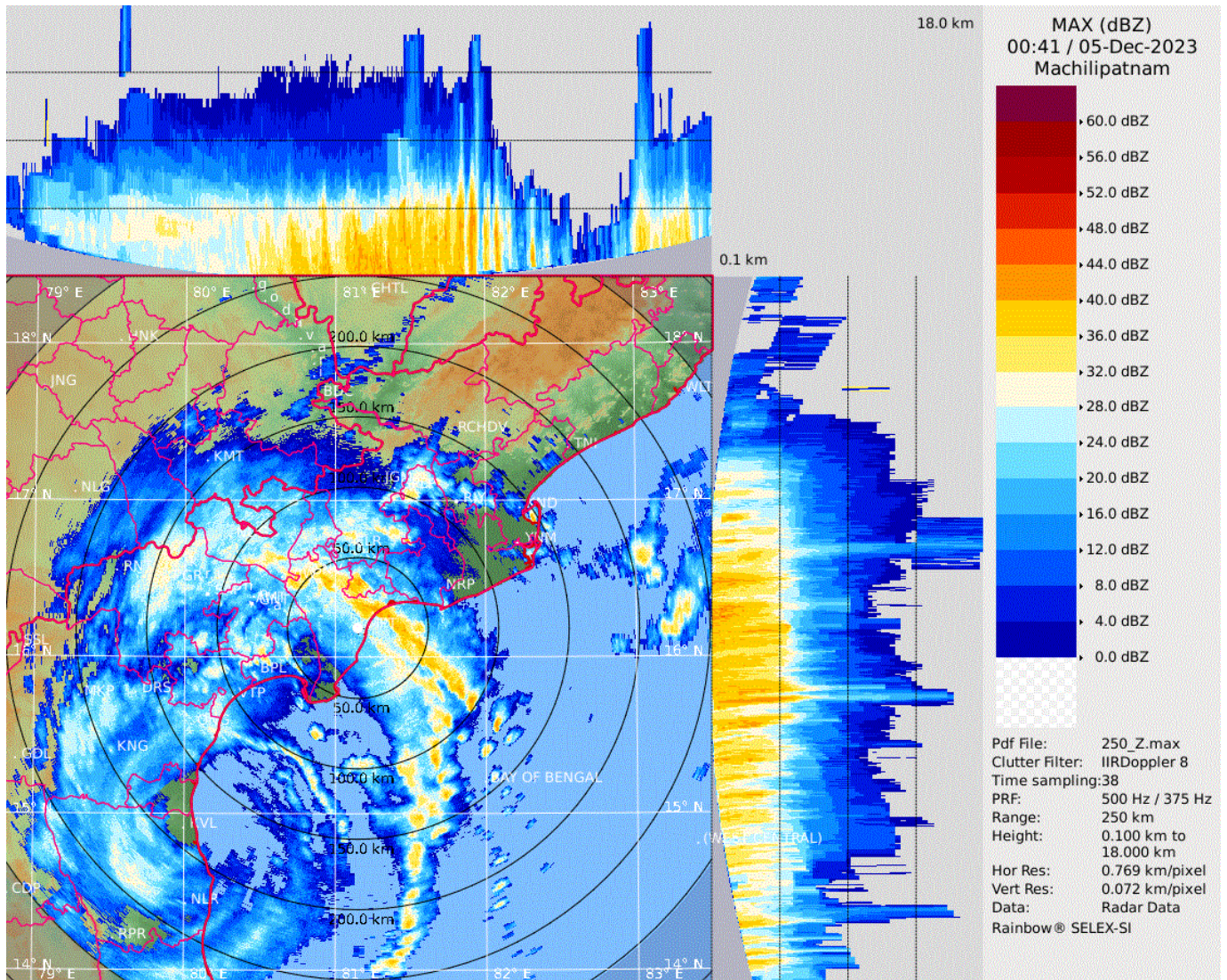
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 07

DATE: 05-12-2023

TIME OF ISSUE: 0630 HRS IST

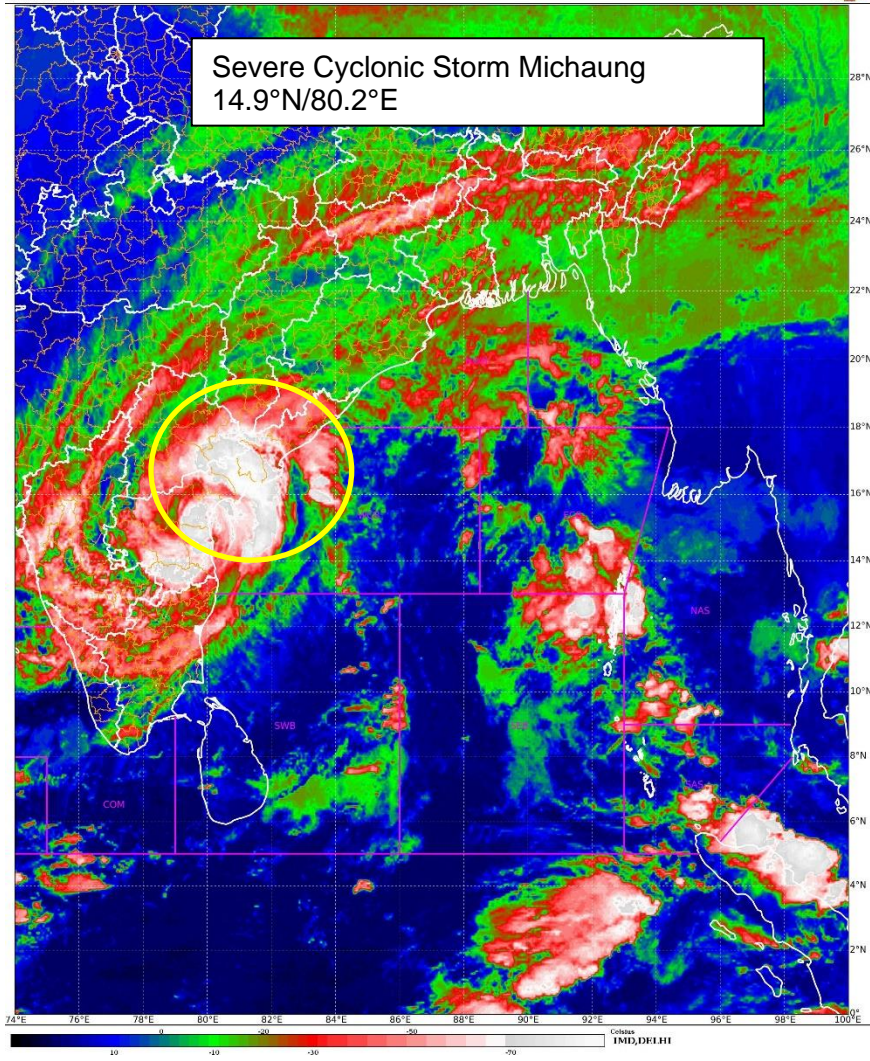
DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (0530 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM "MICHAUNG" (PRONOUNCED AS MIGJAUM) OVER WESTCENTRAL BAY OF BENGAL OFF SOUTH ANDHRA PRADESH AND ADJOINING NORTH TAMIL NADU COASTS MOVED NEARLY NORTHWARDS WITH A SPEED OF 07 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 0530 HOURS IST OF 5TH DECEMBER, 2023 OVER WESTCENTRAL BAY OF BENGAL ALONG AND OFF SOUTH ANDHRA PRADESH COAST NEAR LATITUDE 14.9°N AND LONGITUDE 80.2°E, ABOUT 50 KM NORTH-NORTHEAST OF NELLORE, 110 KM SOUTH-SOUTHWEST OF BAPATLA, 170 KM SOUTH-SOUTHWEST OF MACHILIPATNAM AND 200 KM NORTH OF CHENNAI.
CURRENT INTENSITY NEAR CENTRE	90-100 KMPH GUSTING TO 110 KMPH.
PAST MOVEMENT	MOVED NEARLY NORTHWARDS WITH A SPEED OF 07 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT, INTENSITY AND LANDFALL	AS THE SYSTEM IS NEARLY MOVING NORTHWARDS CLOSE TO COAST, SOME PARTS OF THE WALL CLOUD REGION LIES OVER LAND. THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS PARALLEL AND CLOSE TO SOUTH ANDHRA PRADESH COAST AND CROSS SOUTH ANDHRA PRADESH COAST BETWEEN NELLORE AND MACHILIPATNAM, CLOSE TO BAPATLA DURING FORENOON OF 5TH DECEMBER AS A SEVERE CYCLONIC STORM WITH A MAXIMUM SUSTAINED WIND SPEED OF 90-100 KMPH GUSTING TO 110 KMPH.



Maximum Reflectivity from DWR Machilipatnam based on 0041 UTC of 05th December 2023

SAT : INSAT-3D IMG
IMG_TIR1_TEMP 10.8 um
LIC Mercator

05-12-2023/(0000 to 0026) GMT
05-12-2023/(0530 to 0556) IST



INSAT 3D NHC Curve image based on 0000 UTC of 05th Dec 2023