



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

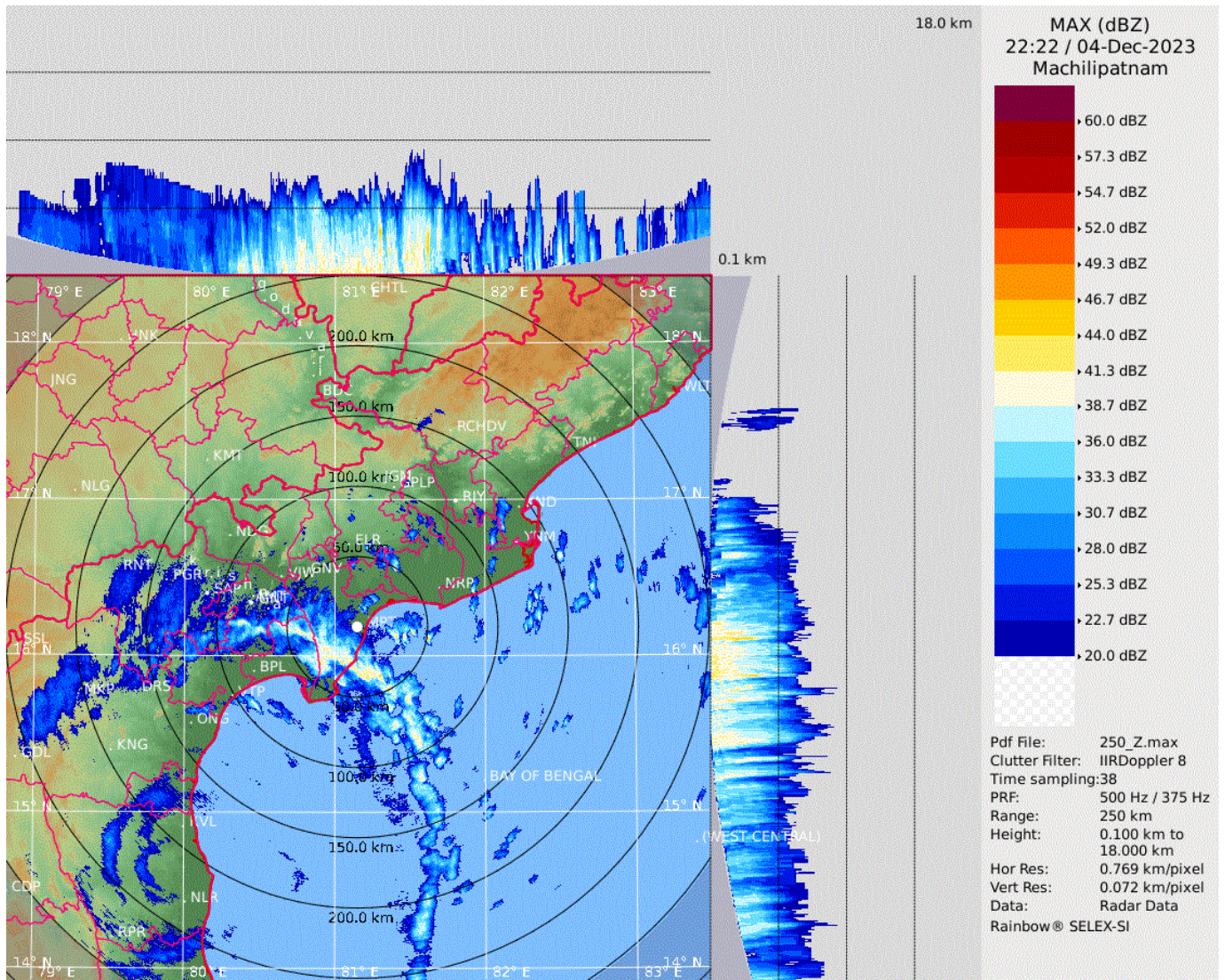
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 04

DATE: 05-12-2023

TIME OF ISSUE: 0400 HRS IST

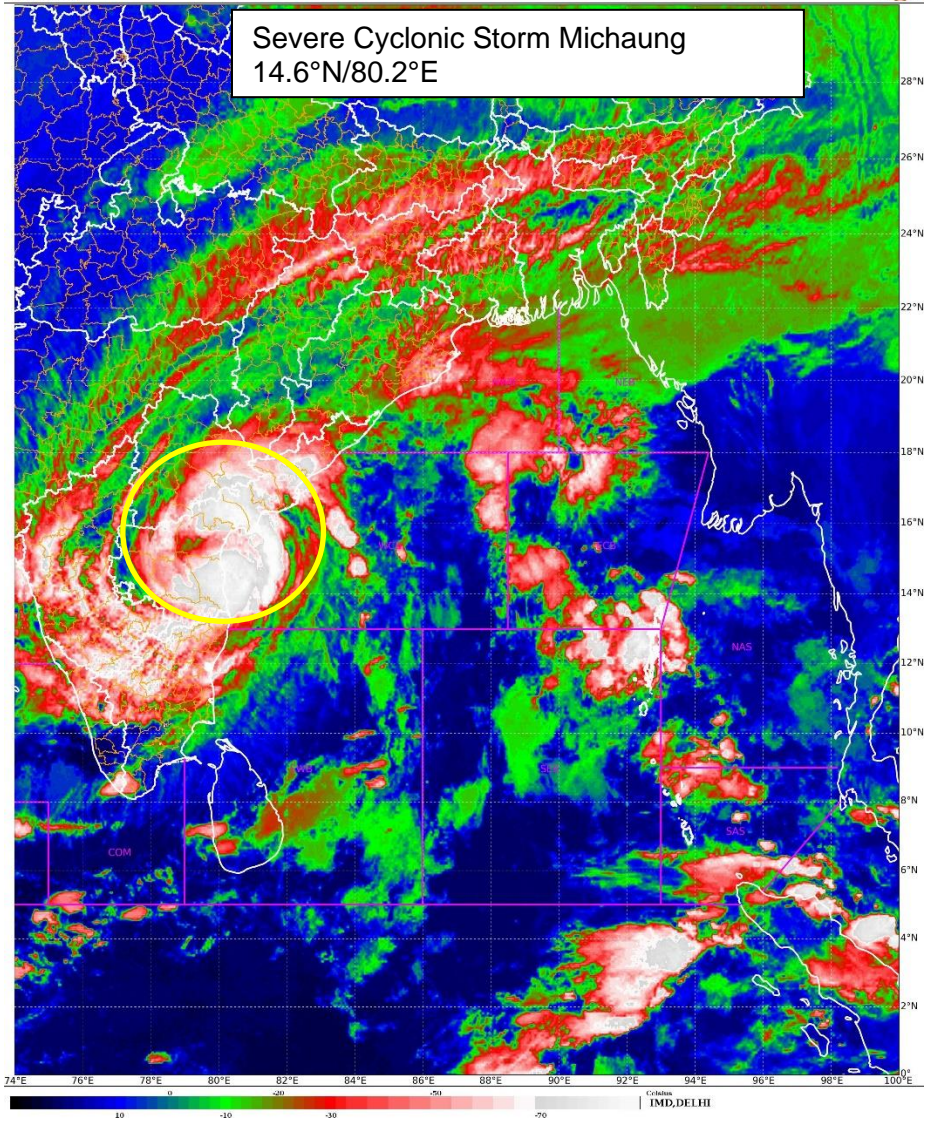
DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (0230 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM "MICHAUNG" (PRONOUNCED AS MIGJAUM) OVER WESTCENTRAL BAY OF BENGAL OFF SOUTH ANDHRA PRADESH AND ADJOINING NORTH TAMIL NADU COASTS MOVED NORTH-NORTHWESTWARDS WITH A SPEED OF 07 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 0230 HOURS IST OF 5TH DECEMBER, 2023 OVER WESTCENTRAL BAY OF BENGAL OFF SOUTH ANDHRA PRADESH AND ADJOINING NORTH TAMIL NADU COASTS NEAR LATITUDE 14.6°N AND LONGITUDE 80.2°E, ABOUT 20 KM NORTH-NORTHEAST OF NELLORE, 150 KM SOUTH OF BAPATLA, 170 KM NORTH OF CHENNAI AND 210 KM SOUTH-SOUTHWEST OF MACHILIPATNAM.
CURRENT INTENSITY NEAR CENTRE	90-100 KMPH GUSTING TO 110 KMPH.
PAST MOVEMENT	MOVED NORTH-NORTHEASTWARDS 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 2222 UTC of 04th December 2023

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

04-12-2023/(2130 to 2156) GMT
05-12-2023/(0300 to 0326) IST



INSAT 3D NHC Curve image based on 2130 UTC of 04th Dec 2023