



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

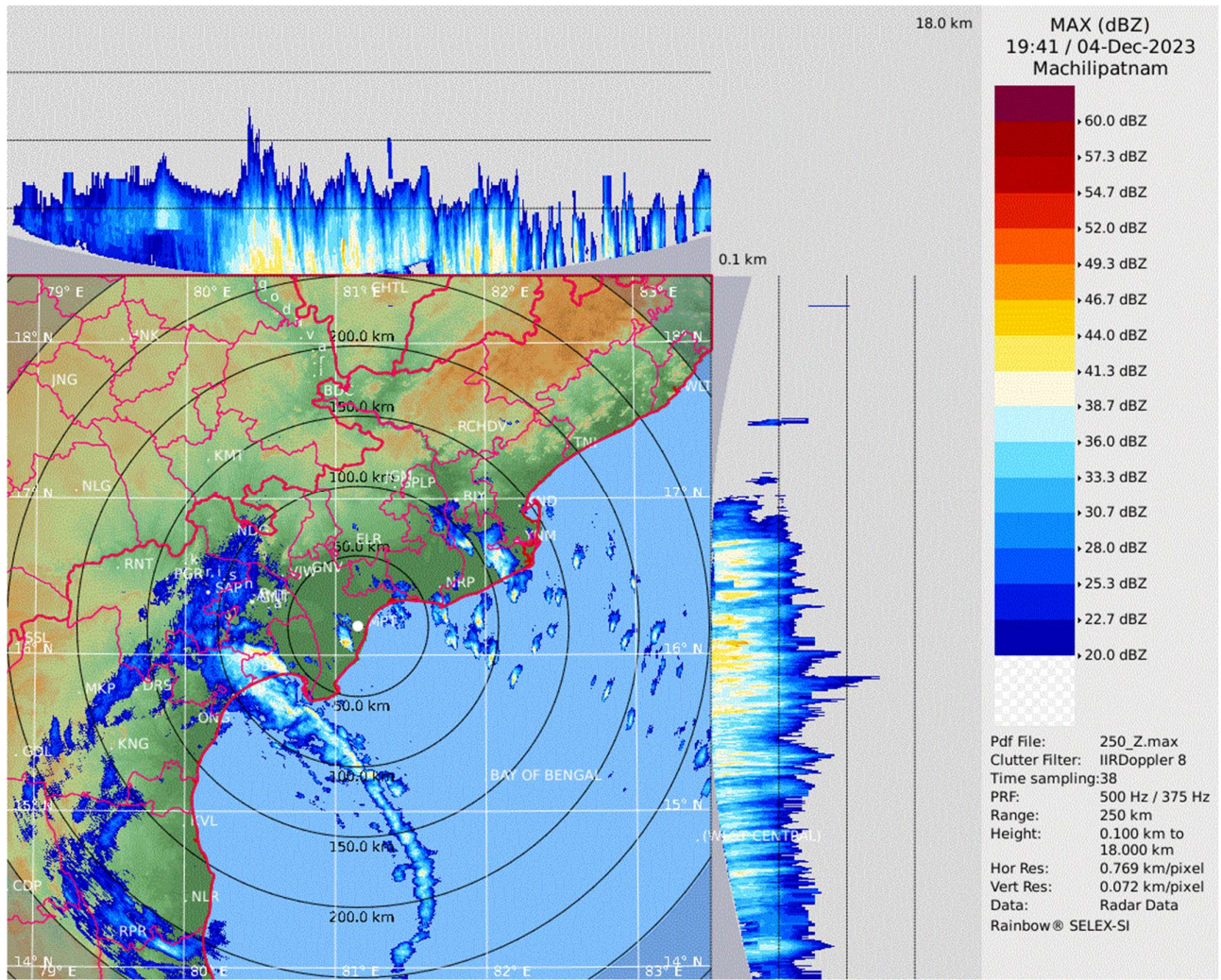
HOURLY UPDATE ON CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 01

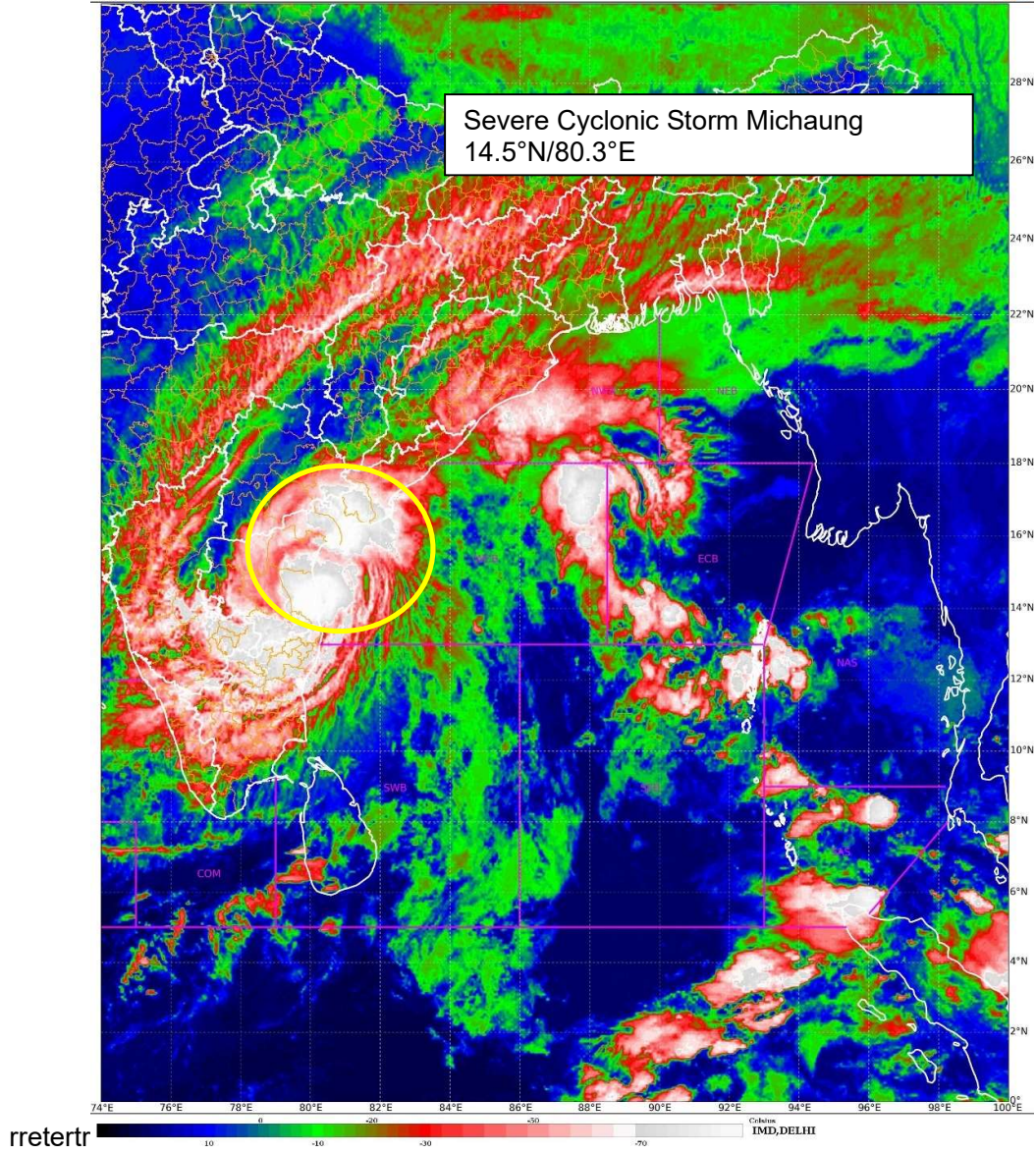
DATE: 05-12-2023

TIME OF ISSUE: 0130 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 04-12-2023 (2330 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM "MICHAUNG" (PRONOUNCED AS MIGJAUM) OVER WESTCENTRAL & ADJOINING SOUTHWEST BAY OF BENGAL OFF SOUTH ANDHRA PRADESH AND ADJOINING NORTH TAMIL NADU COASTS MOVED NORTH-NORTHEASTWARDS WITH A SPEED OF 11 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 2330 HOURS IST OF 4TH DECEMBER, 2023 OVER WESTCENTRAL BAY OF BENGAL OFF SOUTH ANDHRA PRADESH AND ADJOINING NORTH TAMIL NADU COASTS NEAR LATITUDE 14.5°N AND LONGITUDE 80.3°E, ABOUT 30 KM EAST OF NELLORE, 150 KM NORTH OF CHENNAI, 150 KM SOUTH OF BAPATLA 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 11 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 1941 UTC of 04th December 2023



INSAT 3D NHC Curve image based on 1830 UTC of 04th Dec 2023