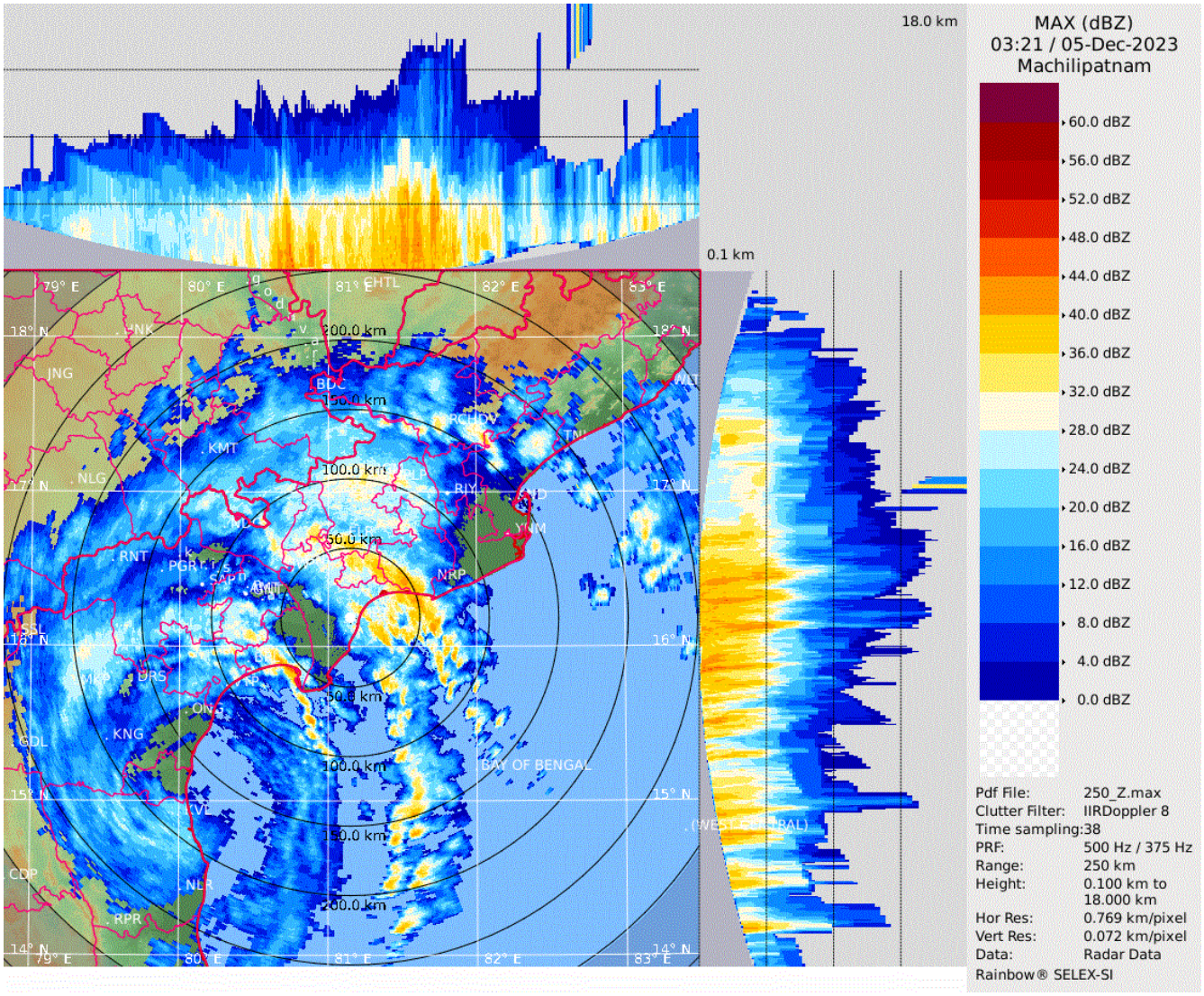
India Meteorological Department
(Ministry of Earth Sciences)

HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

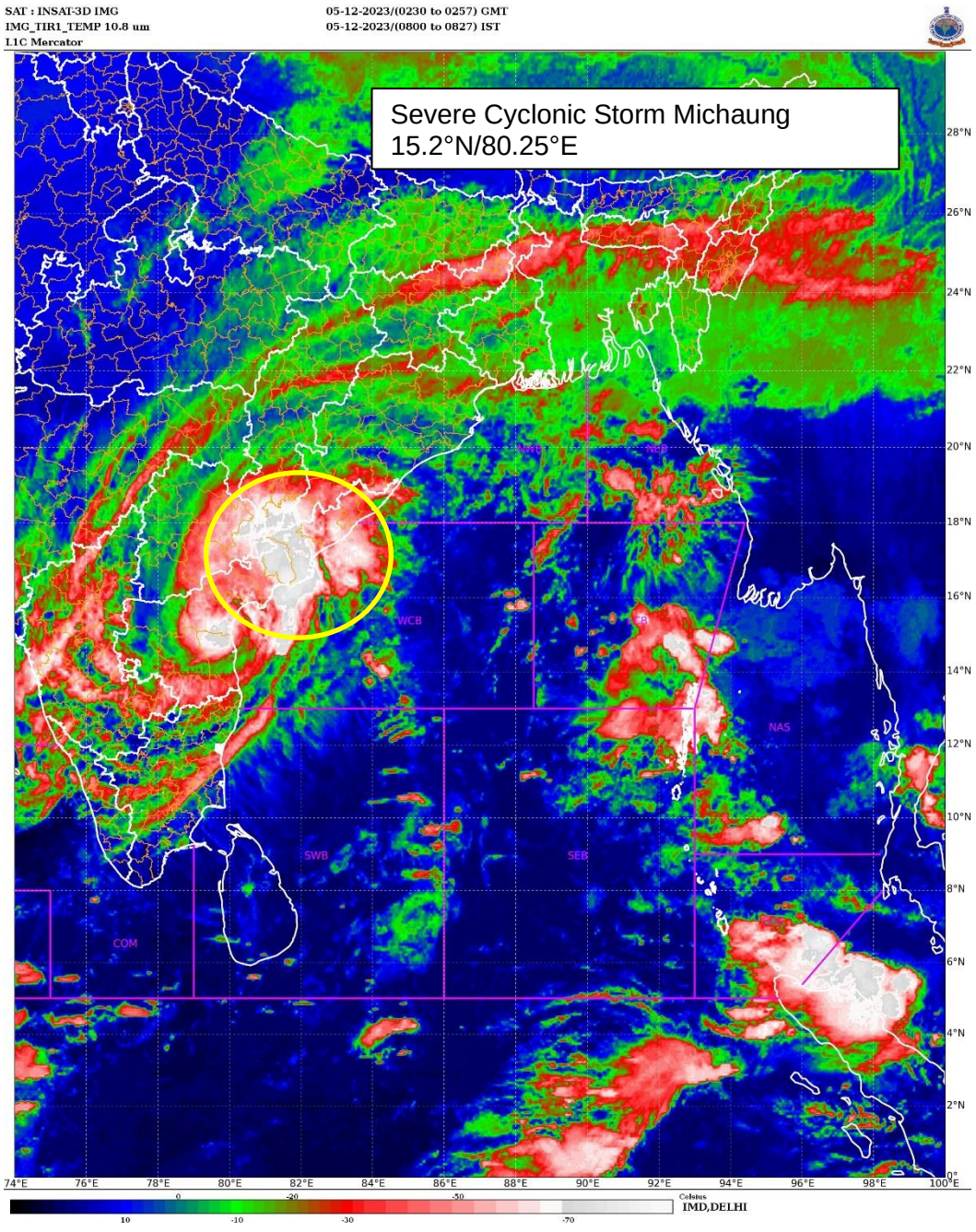
BULLETIN NO. 10

DATE: 05-12-2023 TIME OF ISSUE: 0900 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (0830 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE **SEVERE CYCLONIC STORM "MICHAUNG"** (PRONOUNCED AS MIGJAUM) OVER WESTCENTRAL BAY OF BENGAL ALONG AND OFF SOUTH ANDHRA PRADESH COAST MOVED NORTHWARDS WITH A SPEED OF 12 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 0830 HOURS IST OF 5TH DECEMBER, 2023 OVER THE SAME REGION NEAR LATITUDE 15.2°N AND LONGITUDE 80.25°E, ABOUT 40 KM NORTHEAST OF KAVALI, 80 KM NORTH-NORTHEAST OF NELLORE, 80 KM SOUTH-SOUTHWEST OF BAPATLA AND 140 KM SOUTH-SOUTHWEST OF MACHILIPATNAM.
CURRENT INTENSITY NEAR CENTRE	90-100 KMPH GUSTING TO 110 KMPH.
PAST MOVEMENT	MOVED NORTHWARDS WITH A SPEED OF 12 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT,	**AS THE SYSTEM IS NEARLY MOVING NORTHWARDS CLOSE TO COAST, SOME PARTS OF THE WALL CLOUD REGION CONTINUES TO LIE OVER LAND.** THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS PARALLEL AND CLOSE TO SOUTH ANDHRA PRADESH COAST AND CROSS SOUTH ANDHRA PRADESH COAST CLOSE TO BAPATLA DURING NEXT 4 HOURS AS A SEVERE CYCLONIC STORM WITH A MAXIMUM SUSTAINED WIND SPEED OF 90-100 KMPH GUSTING TO 110 KMPH.
OBSERVED RAINFALL FROM 0830 HRS IST (0300 UTC) OF 04TH DEC TO 0730 HRS IST (0200 UTC) OF 05TH DEC. (mm)	**IMD OBSERVATORY** BAPATLA - 215.3; NELLORE - 215.1; MACHILIPATNAM - 151.7;KAVALI-143.6;ONGOLE – 117;KAKINADA - 77.6;NARSAPUR - 60.7. **IMD AWS AGRO/ARG** PODALAKUR - 212.5;REPALLE - 117.5; CHINNA_GANJAM - 2.5;KAKINADA - 72.5;UTKURU_KVK – 66;DARSI_KVK - 64.5; LAM_AMFU – 57; MEHADRIGADDA_DAM – 53; KAILASHGIRI - 35.5,ANKAPALLI_AMFU – 34; KALAVACHARLA_KVK – 34; VENKATARAMANNAGUDEM_KVK - 33.5; VIJAYARAI - 21.5; AROGYAVARAM - 20.5; PANDIRIMAMIDI_HRS - 16.5; GARIKAPADU_KVK - 13.5; CHITTOOR – 13; NARASARAOPET – 12; GOTTABARRIEGE - 10.5; PALAKONDA - 7.5.



Maximum Reflectivity from DWR Machilipatnam based on 0321 UTC of 05th December 2023



INSAT 3D Image based on 0230 UTC of 05th Dec 2023