



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

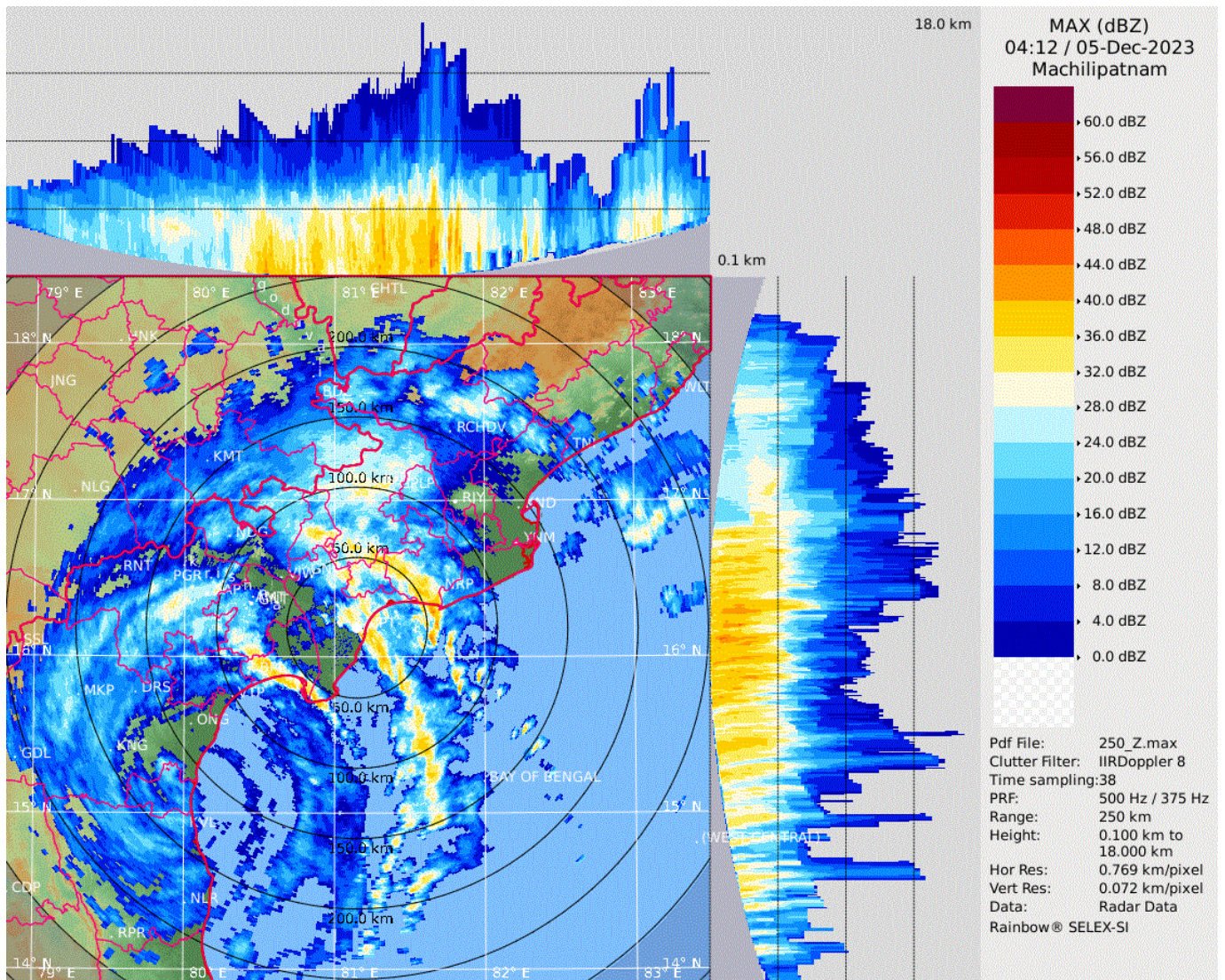
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 11

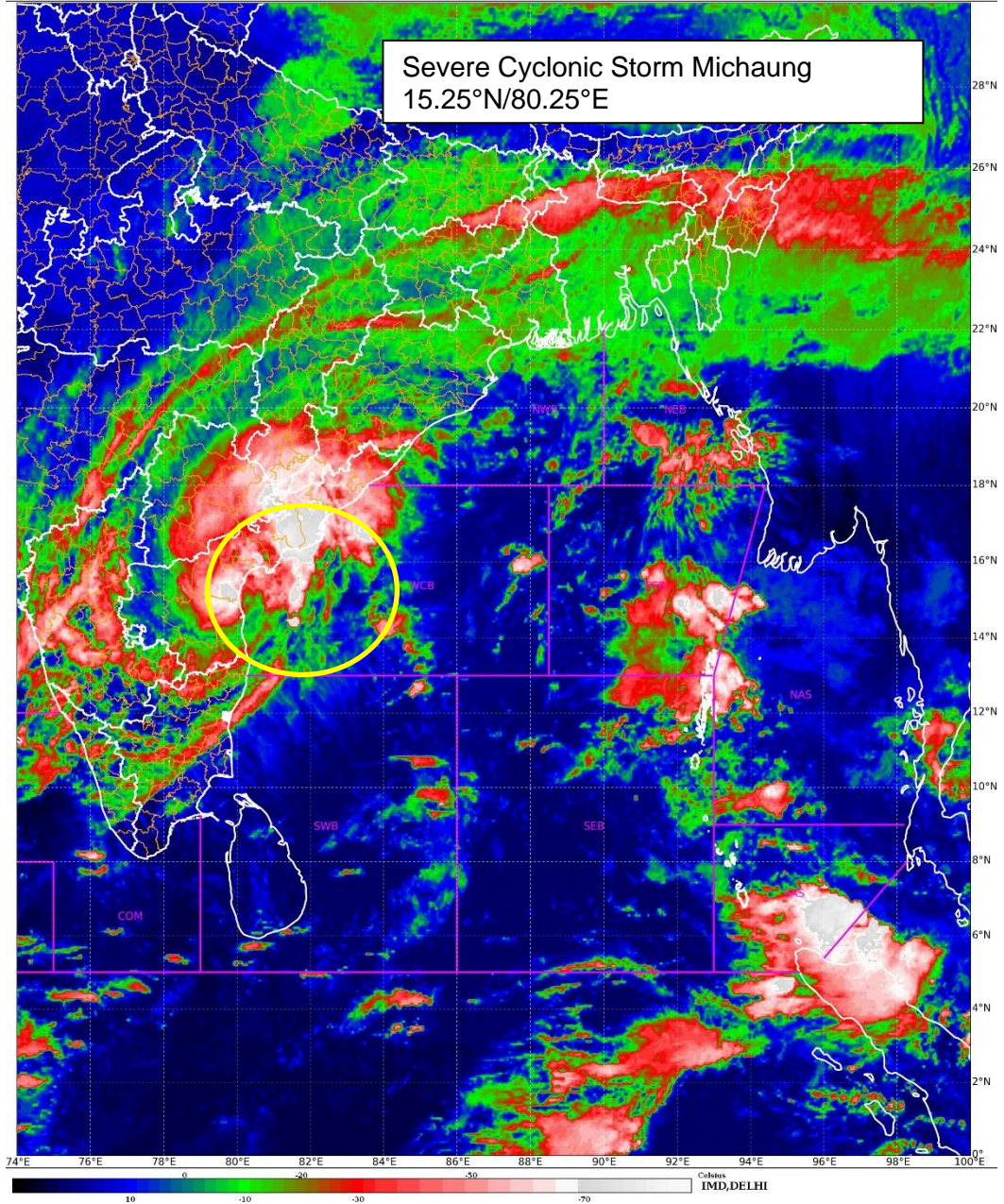
DATE: 05-12-2023

TIME OF ISSUE: 1015 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (0930 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 10 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 0930 HOURS IST OF 5TH DECEMBER, 2023 OVER THE SAME REGION NEAR LATITUDE 15.25°N AND LONGITUDE 80.25°E, ABOUT 35 KM SOUTHEAST OF ONGOLE, 50 KM NORTHEAST OF KAVALI, 90 KM NORTH-NORTHEAST OF NELLORE, 80 KM SOUTH-SOUTHWEST OF BAPATLA AND 140 KM SOUTHWEST OF MACHILIPATNAM.
CURRENT INTENSITY NEAR CENTRE	90-100 KMPH GUSTING TO 110 KMPH.
PAST MOVEMENT	MOVED NORTHWARDS WITH A SPEED OF 10 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT,	AS THE SYSTEM IS MOVING NEARLY 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 04 TH DEC TO 0830 HRS IST (0300 UTC) OF 05 TH DEC. (mm)	IMD OBSERVATORY BAPATLA - 222; NELLORE - 218.1; MACHILIPATNAM - 157; KAVALI - 145.1; TIRUPATHI AP - 126.9; ONGOLE - 118.2; KAKINADA - 82; GANNAVARAM - 70.6; NARSAPUR - 62.7; AMARAVATI - 47.2; TUNI - 26.6; KALINGAPATNAM - 24; KURNOOL - 8.8; AWS AGRO/ARG PODALAKUR - 214; REPALLE - 118; CHINNA_GANJAM - 79.5; DARSI_KVK - 73; KAKINADA - 73; UTKURU_KVK - 66; LAM_AMFU - 57; KALAVACHARLA_KVK - 56; NARSAPUR - 55; MEHADRIGADDA_DAM - 53; KV_GOPANNAPALEM_ELURU - 35.5; KAILASHGIRI - 35.5; ANKAPALLI_AMFU - 34.5; VENKATARAMANNAGUDEM_KVK - 34.5; PEDA_ARAVEEDU - 34.5; YELLAMANCHILLI_VSKP - 32.5; VIJAYARAI - 28; AROGYAVARAM - 22; PANDIRIMAMIDI_HRS - 21; GANGAVARAM_PORT - 20; GARIKAPADU_KVK - 19.5; CHITTOOR - 13; NARASARAOPET - 12.5; GOTTABARRIEGE - 10.5; PALAKONDA - 7.5.



Maximum Reflectivity from DWR Machilipatnam based on 0412 UTC of 05th December 2023



INSAT 3D Image based on 0330 UTC of 05th Dec 2023