



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

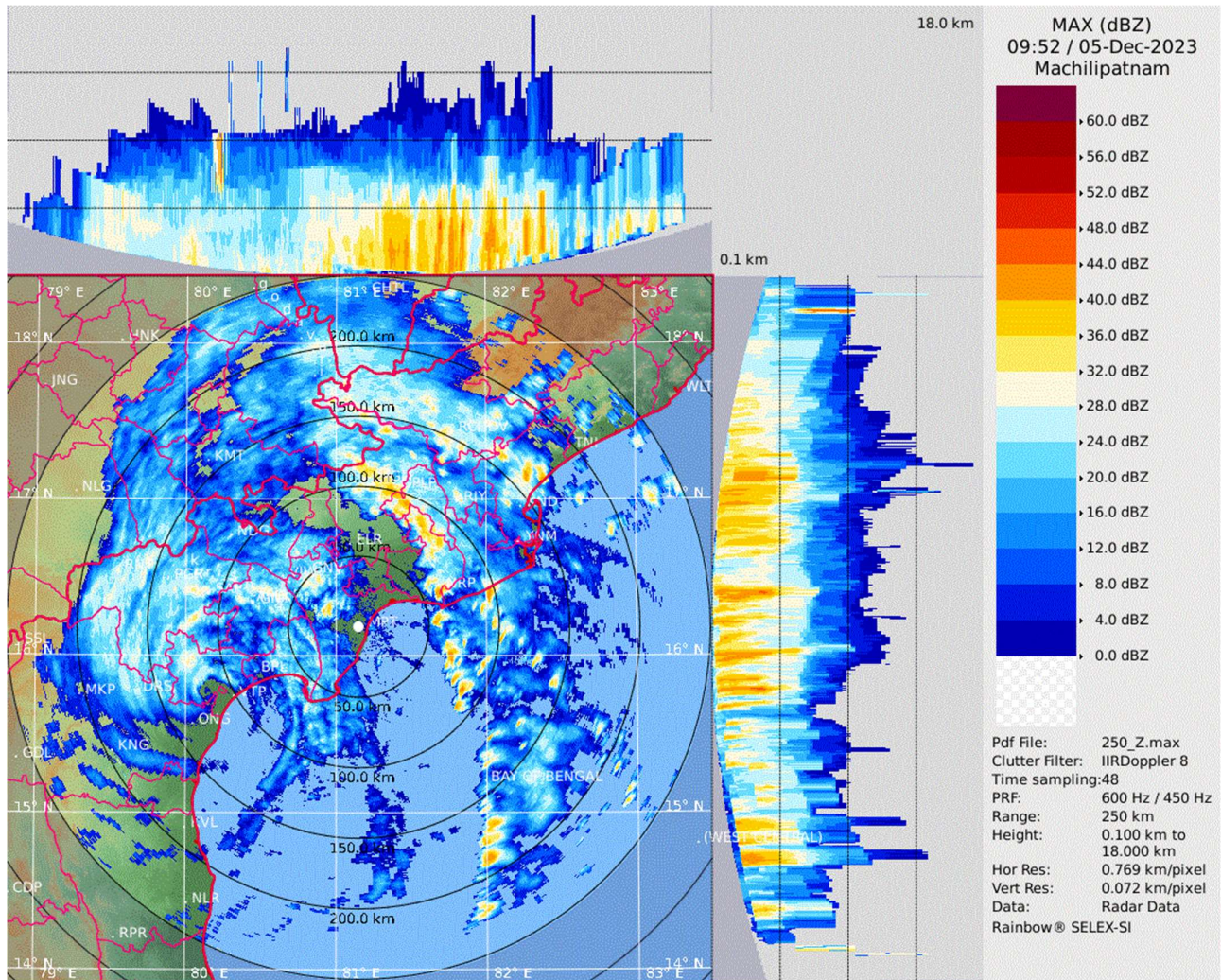
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 16

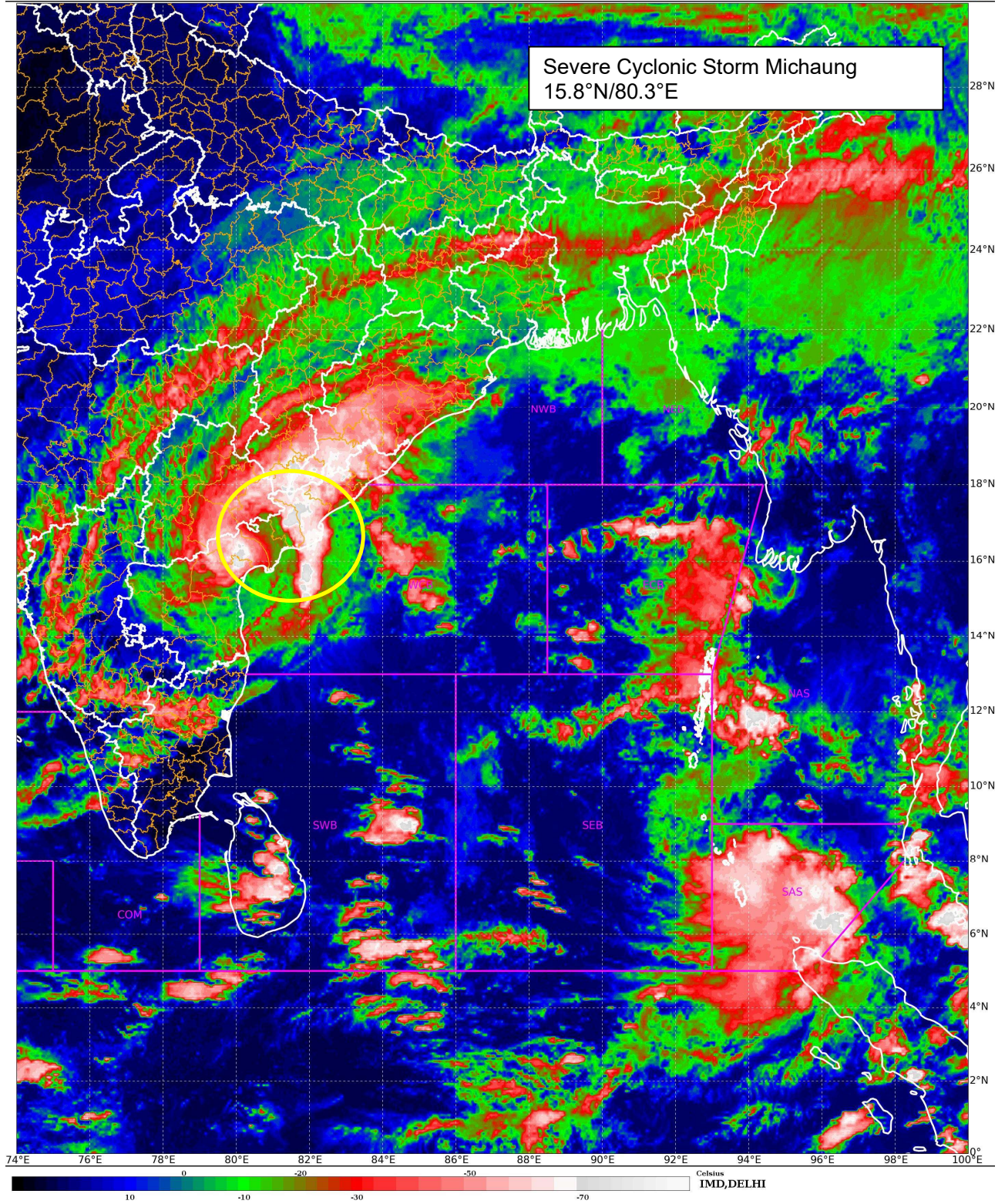
DATE: 05-12-2023

TIME OF ISSUE: 1530 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (1430 HRS IST)
LOCATION LATITUDE/LONGITUDE	<p>THE SEVERE CYCLONIC STORM "MICHAUNG" (PRONOUNCED AS MIGJAUM) OVER WESTCENTRAL BAY OF BENGAL NEAR SOUTH ANDHRA PRADESH COAST MOVED NORTHWARDS WITH A SPEED OF 11 KMPH DURING PAST 06 HOURS AND CROSSED SOUTH ANDHRA PRADESH COAST CLOSE TO SOUTH OF BAPTILA DURING 1230 TO 1430 HOURS IST OF TODAY, THE 5TH DECEMBER 2023 AS A SEVERE CYCLONIC STORM WITH MAXIMUM SUSTAINED WIND SPEED OF 90-100 KMPH.</p> <p>IT LAY CENTERED AT 1430 HOURS IST OF TODAY, THE 5TH DECEMBER, 2023 OVER SOUTH COASTAL ANDHRA PRADESH NEAR LATITUDE 15.8°N AND LONGITUDE 80.3°E, ABOUT 15 KM SOUTHWEST OF BAPATLA AND 40 KM NORTHEAST OF ONGOLE.</p>
CURRENT INTENSITY WIND SPEED	SEVERE CYCLONIC STORM 85-95 KMPH GUSTING TO 105 KMPH.
FORECAST	THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS and WEAKEN INTO A CYCLONIC STORM DURING NEXT 2 HOURS.
OBSERVED RAINFALL FROM 0830 HRS IST TO 1330 HRS IST (0300-0800 UTC) OF 05 TH DEC. (mm)	KV_GOPANNAPELEM_ELURU-73.5, DARSI-72.5, VIJAYARAI-58, BAPATLA - 52; MEHADRIGADDA_DAM-41, YELLAMANCHILLI_VSKP- 37.5, NARSAPUR -34.6, NARSAPUR-34.5, KAVALI - 30.7; MACHILIPATNAM - 28.9;; ONGOLE - 17.8
OBSERVED WINDSPEED AT 1430 HRS IST (0900 UTC) OF 05 TH DEC. (KNOTS)	BAPATLA - SOUTHEASTERLY-75 KMPH



Maximum Reflectivity from DWR Machilipatnam based on 0952 UTC of 05th December 2023



INSAT 3D Image based on 0910 UTC of 05th Dec 2023

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 06-12-2023 :

High flash flood risk likely over few watersheds & neighbourhoods of following coastal districts of **Andhra Pradesh**

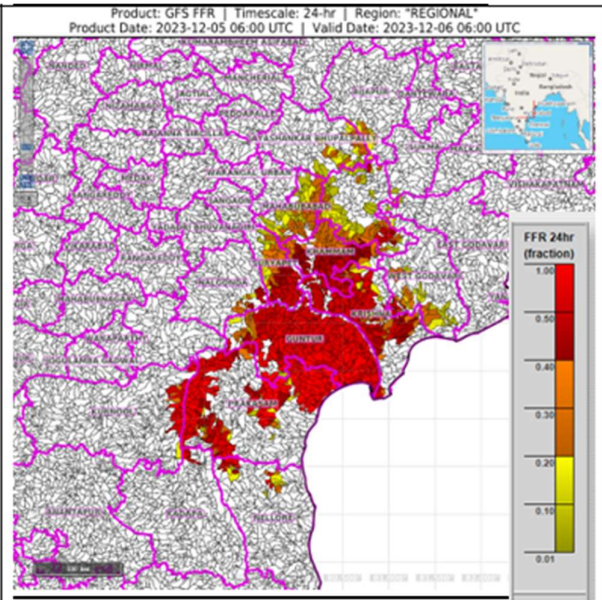
Guntur, Prakasam and Krishna (>50%) districts of **Andhra Pradesh**;

Moderate flash flood risk likely over few watersheds & neighbourhoods of following coastal districts (>20% - <50%) of **Andhra Pradesh and Telangana** during next 24 hours.

West Godavari, Guntur, Kurnool, Prakasam and Nellore (>20% - <50%) districts of **Andhra Pradesh**;

Nalgonda, Suryapet, Khammam, Bhadrachalam and Mahabubabad (>20% - <50%) districts of **Telangana**.

Surface runoff/ Inundation may occur at some fully saturated watersheds & low-lying areas over **AoC** as depicted in map due to Severe Cyclonic Storm 'Michaung' during next 24 hours.



FLASH FLOOD GUIDANCE