



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

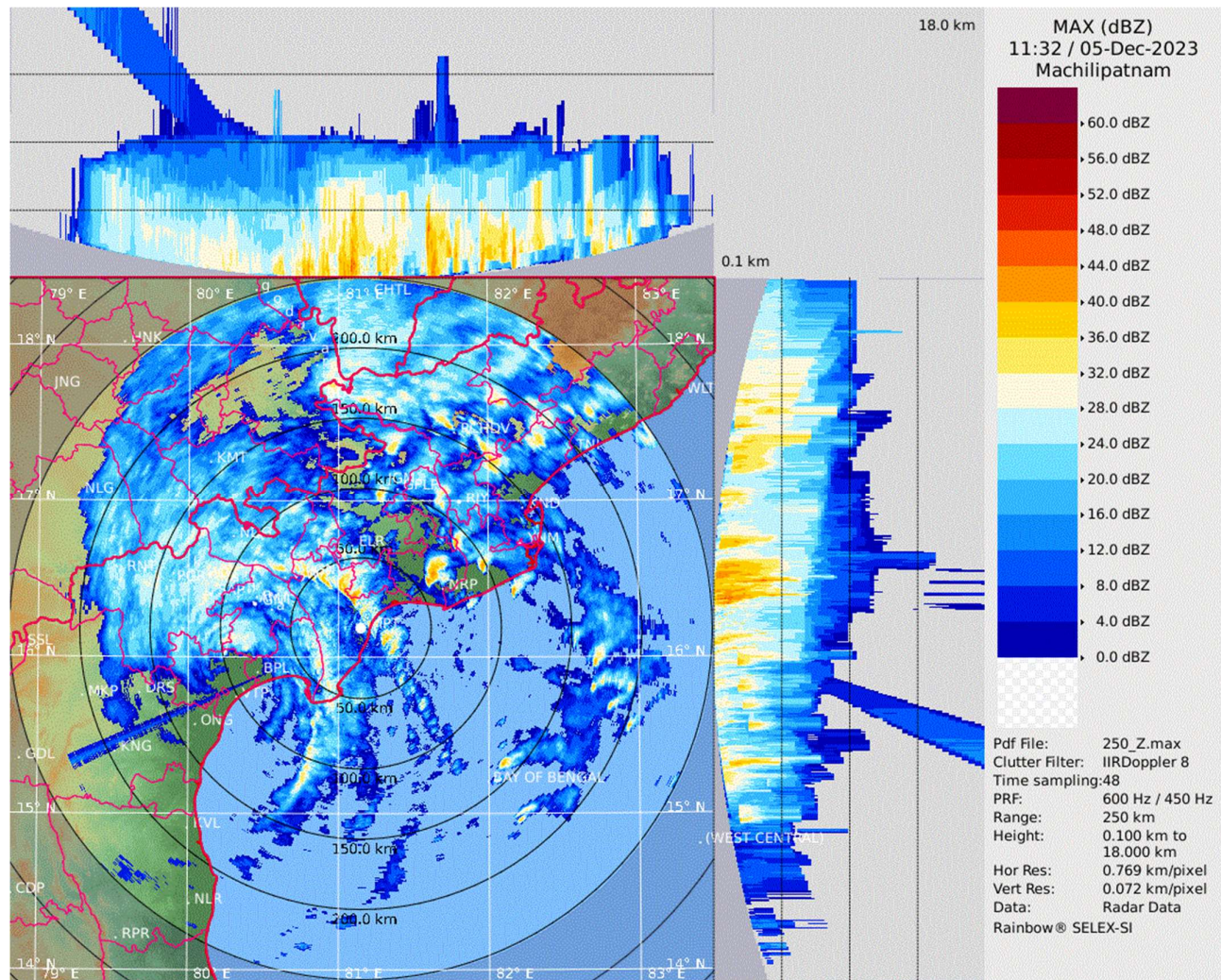
HOURLY UPDATE ON SEVERE CYCLONIC STORM “MICHAUNG”

BULLETIN NO. 17

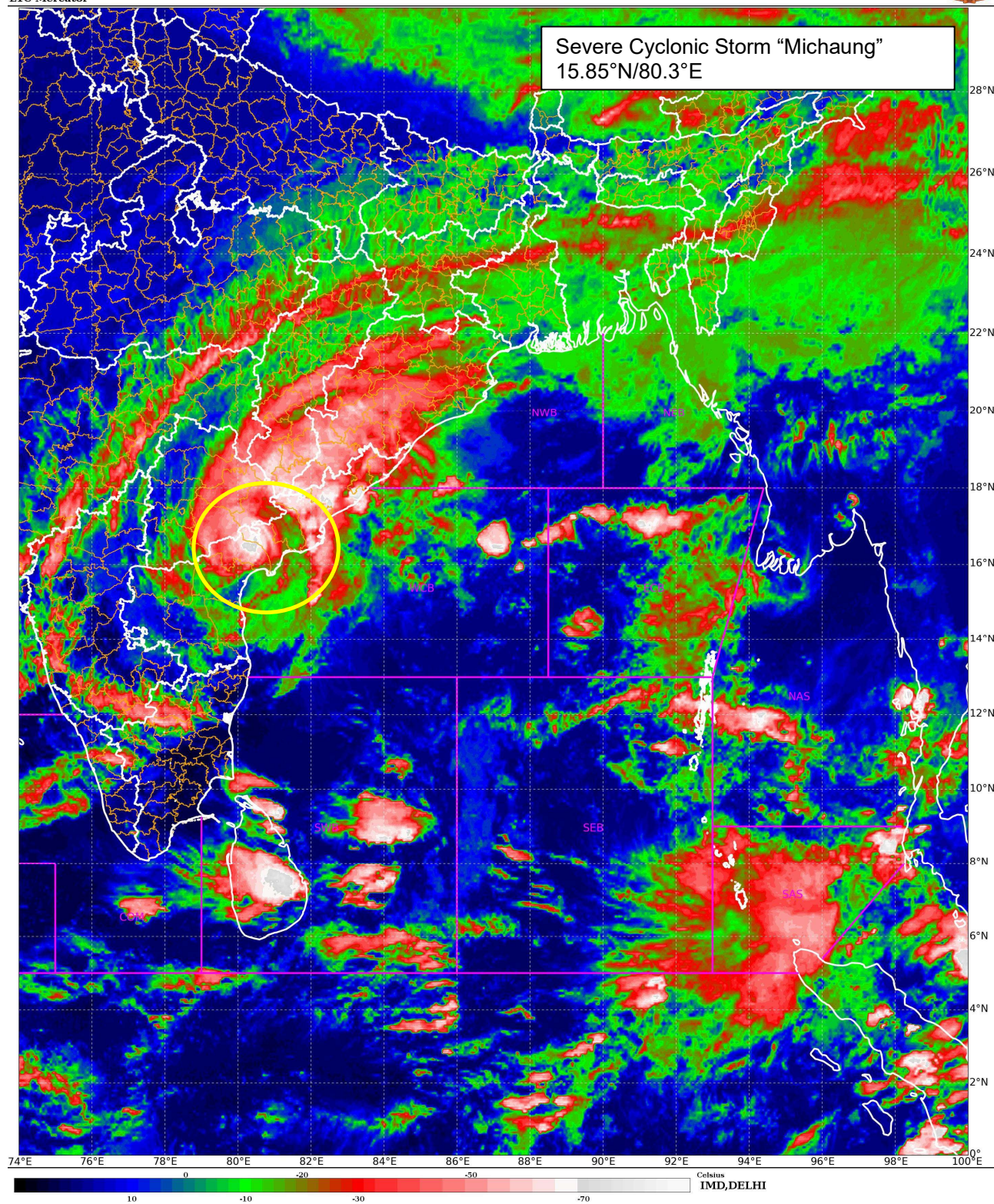
DATE: 05-12-2023

TIME OF ISSUE: 1700 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (1530 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM “MICHAUNG” (PRONOUNCED AS MIGJAUM) OVER SOUTH COASTAL ANDHRA PRADESH MOVED NORTHWARDS WITH A SPEED OF 11 KMPH DURING PAST 06 HOURS. THE LATEST OBSRVATION INDICATES THAT THE LANFALL PROCESS IS COMPLETED. IT LAY CENTERED AT 1530 HOURS IST OF TODAY, THE 5TH DECEMBER, 2023 OVER SOUTH COASTAL ANDHRA PRADESH NEAR LATITUDE 15.85°N AND LONGITUDE 80.3°E, ABOUT 20 KM WEST-SOUTHWEST OF BAPATLA AND 45 KM NORTH-NORTHEAST OF ONGOLE.
CURRENT INTENSITY WIND SPEED	CYCLONIC STORM 80-90 KMPH GUSTING TO 100 KMPH.
FORECAST	THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS AND CYCLONIC STORM INTENSITY OF THE SYSTEM IS LIKELY TO MAINTAIN DURING NEXT 06 HOURS.
OBSERVED RAINFALL FROM 0830 HRS IST TO 1530 HRS IST (0300-1000 UTC) OF 05 TH DEC. (mm)	DARSI_KVK – 80, NARSAPUR – 65, VIJAYARAI – 58, BAPATLA – 55 MEHADRIGADDA_DAM – 41, PANDIRIMAMIDI_HRS – 38, LAM_AMFU – 37, KAVALI - 30.9, ANKAPALLI_AMFU - 29.5, MACHILIPATNAM - 28.9.
OBSERVED WINDSPEED AT 1530 HRS IST (1000 UTC) OF 05 TH DEC. (KNOTS)	Narsapur - SOUTHEASTERLY -75KMPH BAPATLA – SOUTHEASTERLY-59 KMPH



Maximum Reflectivity from DWR Machilipatnam based on 1132 UTC of 05th December 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

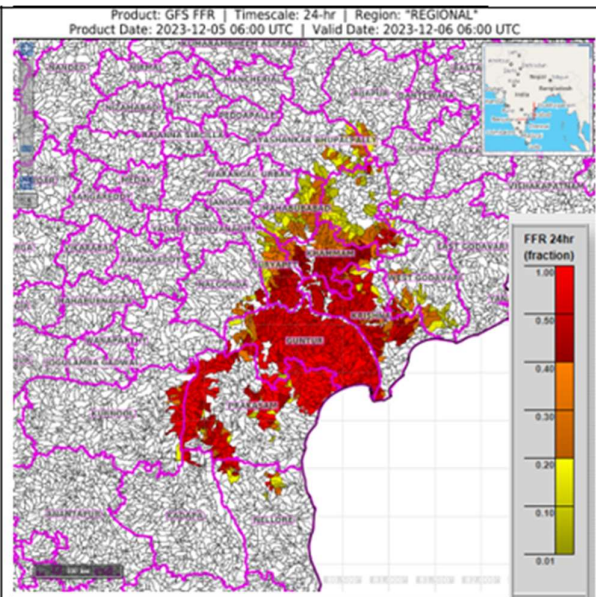
Guntur, Prakasam and Krishna (>50%) districts of Andhra Pradesh;

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, Kothagudem 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 'Mochaung' during next 24 hours.



FLASH FLOOD GUIDANCE