



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

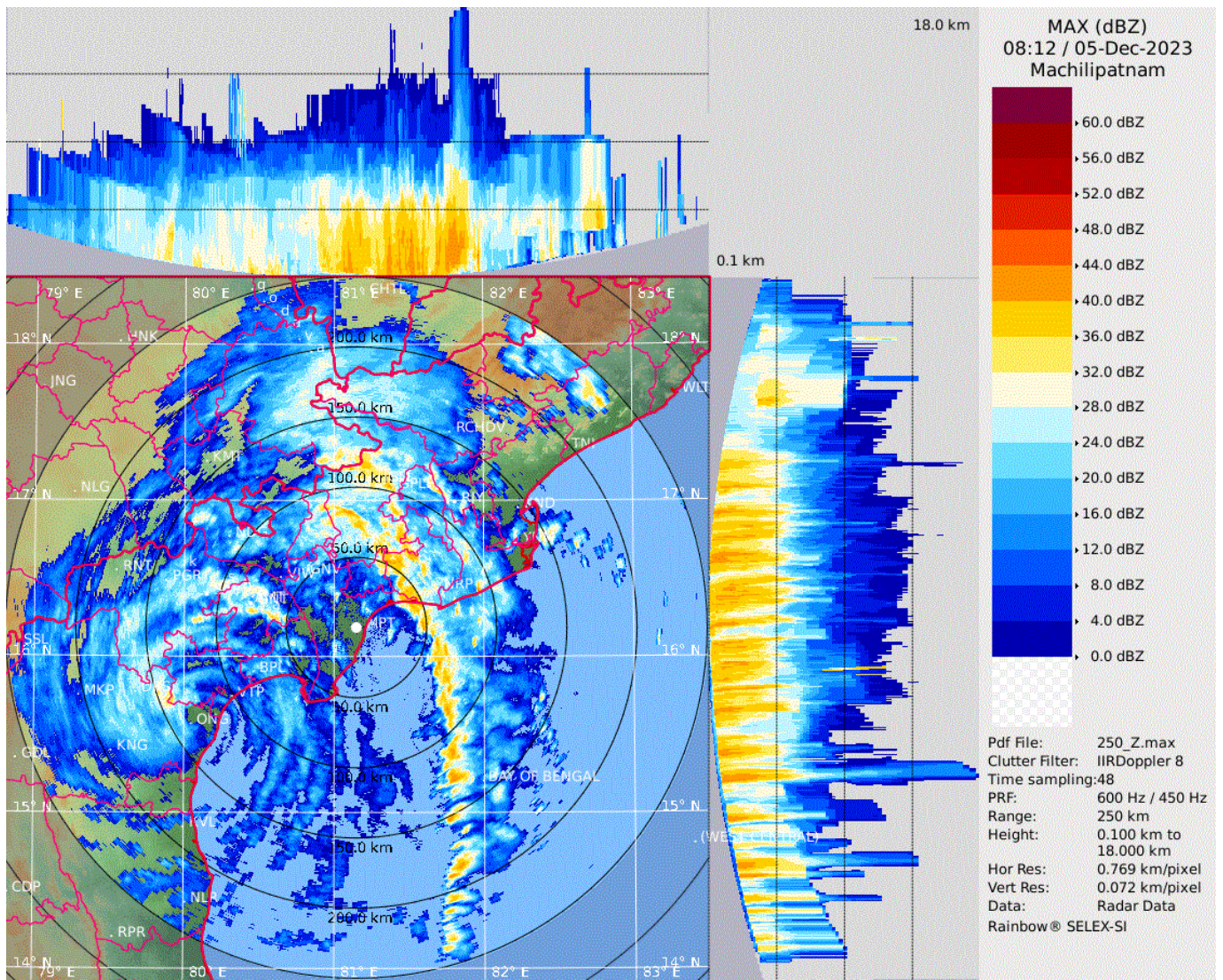
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 15

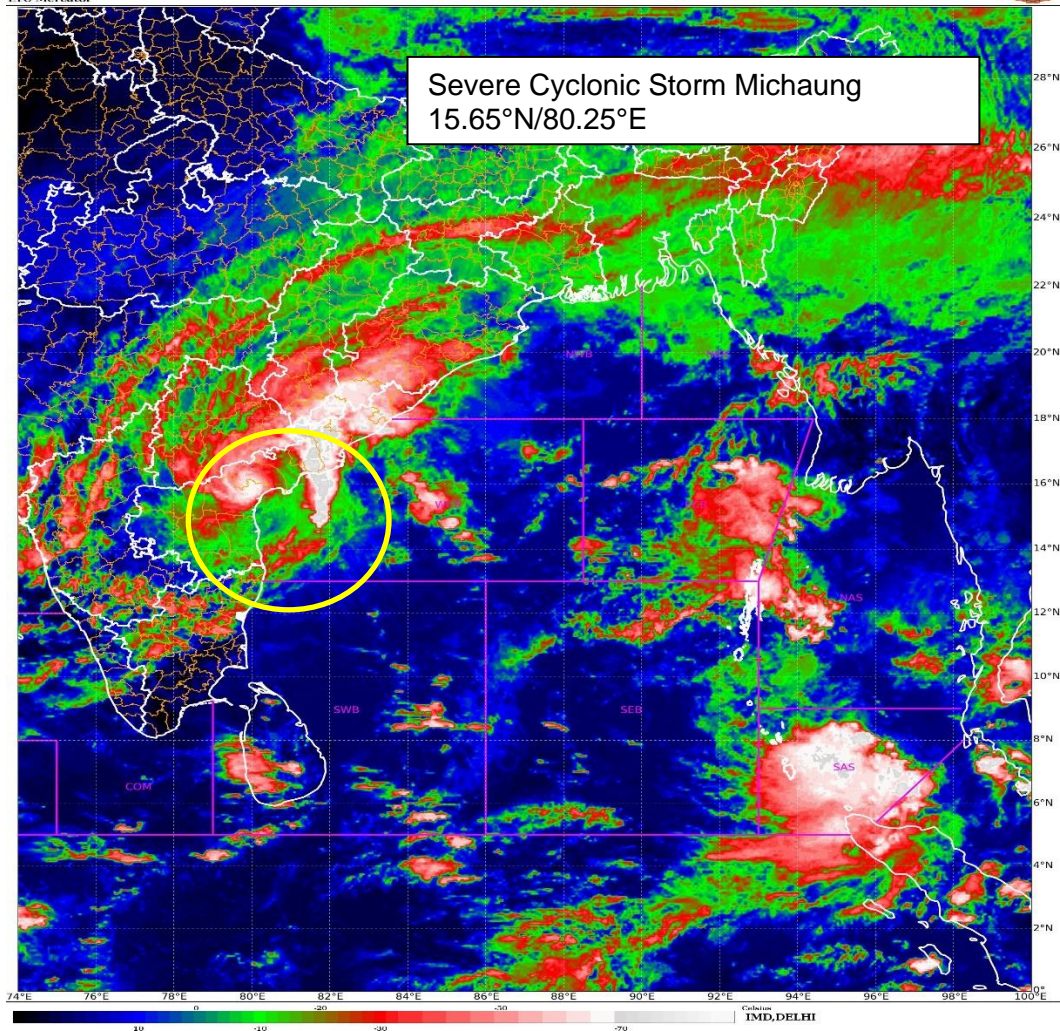
DATE: 05-12-2023

TIME OF ISSUE: 1430 HRS IST

| DATE/TIME (IST) OF OBSERVATION | BASED ON 05-12-2023 (1330 HRS IST) |
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| 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 1330 HOURS IST OF 5TH DECEMBER, 2023 OVER ANDHRA PRADESH COAST NEAR LATITUDE 15.65°N AND LONGITUDE 80.25°E CLOSE TO SOUTH OF BAPATLA, ABOUT 30 KM SOUTHWEST OF BAPATLA. IT IS NOW CROSSING THE COAST WITH WINDSPEED OF 90-100 KMPH GUSTING TO 110 KMPH. THE LANDFALL PROCESS WILL BE COMPLETED DURING NEXT 2 HOURS. |
| 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 | THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS 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) | BAPATLA - 45.7; KAVALI - 30.1; MACHILIPATNAM - 28.9; NARSAPUR - 31.6; ONGOLE - 7.8; NELLORE - 5.2; KAKINADA - 0.7. AWS/ARG KV_GOPANNAPALEM_ELURU - 68.5; DARSIKVK - 58.5; GRICULTURAL_COLLEGE_BADVEL - 49; MEHADRIGADDA_DAM - 38; YELLAMANCHILLI_VSKP - 37.5; MYLAVARAM_COLLEGE_OF _ENGINEER - 26.5; NARSAPUR - 26.5; ANKAPALLI_AMFU - 24.5; GANGAVARAM_PORT - 19; PANDIRIMAMIDI_HRS - 19; PEDA_ARAVEEDU - 16; REPALLE - 13.5. |
| OBSERVED WINDSPEED AT 1330 HRS IST (0800 UTC) OF 05 TH DEC. (KNOTS) | BAPATLA - 30; KAVALI - 9; MACHILIPATNAM - 14; NARSAPUR - 4; ONGOLE - 2; NELLORE - 4; KAKINADA - CALM. |



Maximum Reflectivity from DWR Machilipatnam based on 0812 UTC of 05th December 2023



INSAT 3D Image based on 0730 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

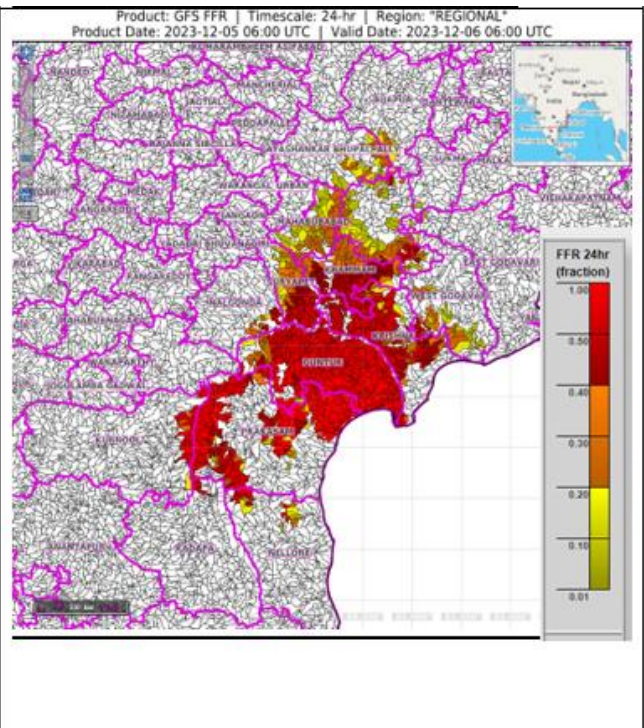
Guntur, Prakasam and Krishna (>50%) districts of Andhra Pradesh;

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, Bharadri 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 'Michaung' during next 24 hours.



FLASH FLOOD GUIDANCE