

India Meteorological Department (Ministry of Earth Sciences)

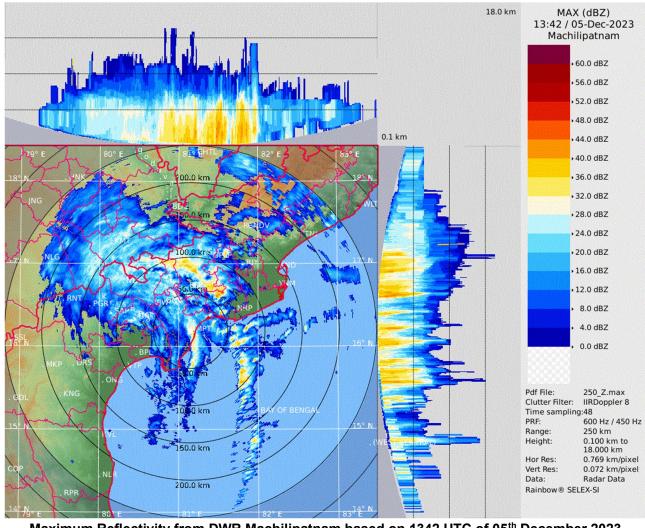
HOURLY UPDATE ON SEVERE CYCLONIC STORM "MICHAUNG"

BULLETIN NO. 19

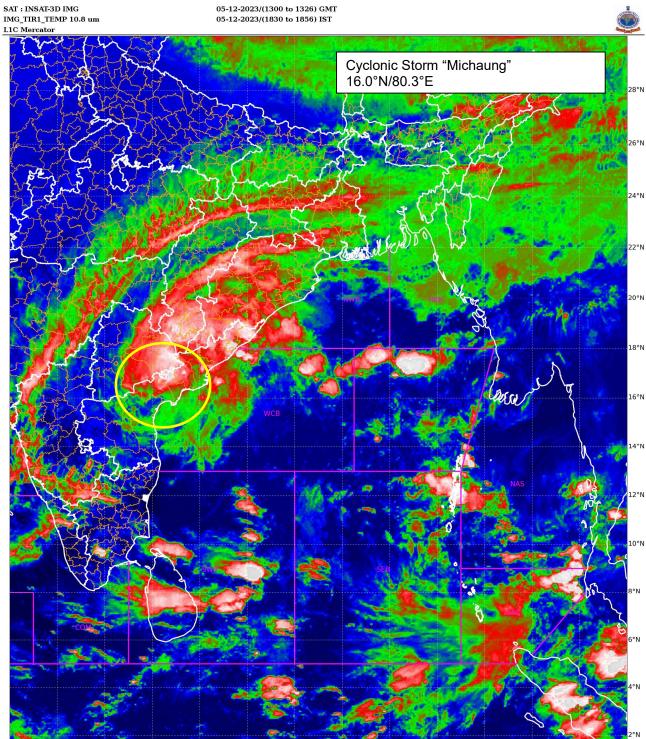
DATE: 05-12-2023 TIME OF ISSUE: 1945 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 05-12-2023 (1730 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM "MICHAUNG" (PRONOUNCED AS MIGJAUM) OVER SOUTH COASTAL ANDHRA PRADESH MOVED NEARLY NORTHWARDS WITH A SPEED OF 10 KMPH DURING PAST 06 HOURS. IT LAY CENTERED AT 1730 HOURS IST OF TODAY, THE 5TH DECEMBER, 2023 OVER SOUTH COASTAL ANDHRA PRADESH NEAR LATITUDE 16.0°N AND LONGITUDE 80.3°E, ABOUT 25 KM WESTNORTHWEST OF BAPATLA AND 60 KM NORTH-NORTHEAST OF ONGOLE.
CURRENT INTENSITY WIND SPEED	CYCLONIC STORM 65-75 KMPH GUSTING TO 85 KMPH.
FORECAST	THE SYSTEM IS LIKELY TO MOVE NEARLY NORTHWARDS AND WEAKEN INTO A DEEP DEPRESSION DURING NEXT 06 HOURS.
OBSERVED RAINFALL FROM 0830 HRS IST TO 1530 HRS IST (0300-1000 UTC) OF 05 TH DEC. (mm)	NARSAPUR - 84.8, KV_GOPANNAPALEM_ELURU – 74, NARSAPUR – 73, ANKAPALLI_AMFU - 61.5, YELLAMANCHILLI_VSKP - 59.5, VIJAYARAI – 59, BAPATLA - 58.5, LAM_AMFU - 55.5, MEHADRIGADDA_DAM - 50.5, PANDIRIMAMIDI_HRS - 46.5
OBSERVED WINDSPEED AT 1630 HRS IST (1100 UTC) OF 05 TH DEC. (KNOTS)	BAPATLA – SOUTHEASTERLY-60 KMPH

This is the last hourly bulletins for this system. However, three hourly update shall continue.



Maximum Reflectivity from DWR Machilipatnam based on 1342 UTC of 05th December 2023



Celsius IMD,DELHI

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

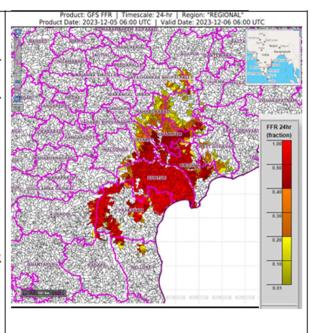
Guntur, Prakasam and Krishna (>50%) districts of Andhra Pradesh;

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, Survapet, 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