

Cyclone Advisory

RMSI



Cyclone Mandous

9/12/2022

Cyclone Mandous formed as a deep depression on December 7, 2022, about 180km NE of Karaikal, and has weakened into a cyclonic storm. It is expected to move across north Tamil Nadu, Puducherry, and make landfall between Puducherry and Sriharikota (around Mamallapuram/ Mahabalipuram) with a maximum sustained wind speed of 65-75 kmph gusting to 85 kmph during midnight of 09th Dec to early hours of December 10th 2022. The cyclone is expected to weaken further into a depression (see Figure 1).

IMD has issued an orange alert in the north Tamil Nadu, Puducherry, and South Andhra Pradesh coasts. Chennai International Airport canceled all the flights on Friday, and Fishermen have been asked to move to relief centers. Additionally, schools and colleges are closed in the Tiruvallur district on Saturday, i.e., December 10, 2022.

Expected Damage?

- Minor damages are expected to power and communication lines leading to partial disruption in power supply and communication
- Significant damage is expected to kutcha and parts of pucca roads
- Localized flooding in low-lying areas due to heavy rains.
- It may disrupt the traffic due to poor visibility in association with heavy rain
- The uprooting of small trees and breaking of tree branches

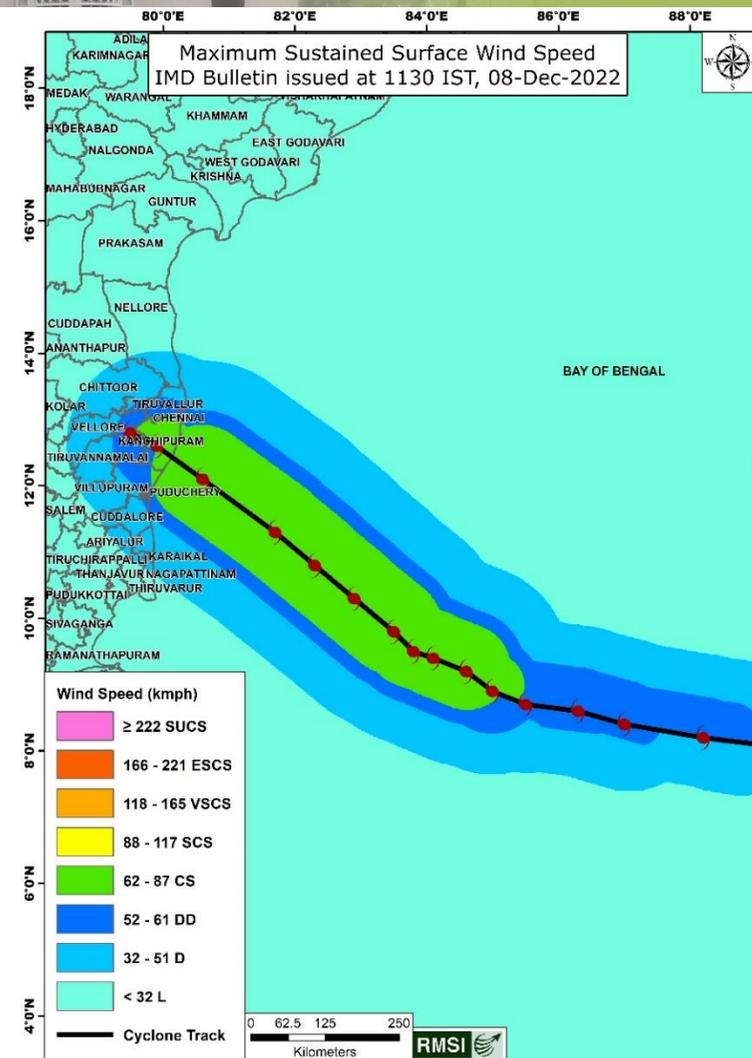


Figure 1: Maximum Sustained Surface wind speed of Cyclone Mandous

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Table 1: Rainfall Impact on the States based on IMD

Rainfall Intensity	September 9, 2022	September 10, 2022
Heavy to Extremely Heavy	North coastal Tamil Nadu, Puducherry (64.5 mm-204.5 mm)	
Heavy to very Heavy	South coastal Andhra Pradesh, North Interior Tamil Nadu, and Rayalaseema (64.5 mm-115.5 mm)	North Tamil Nadu, south Coastal Andhra Pradesh, and Rayalaseema
Heavy		South Interior Karnataka

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