



**Government of India
Ministry of Earth Sciences
Earth System Science Organisation**



India Meteorological Department

PRESS RELEASE

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Sub: Cyclonic Storm 'MORA' over eastcentral Bay of Bengal

A depression formed over southeast and adjoining east central Bay of Bengal (BoB) in the morning of 28th May, 2017. Moving northeastwards, it concentrated into a deep depression in the afternoon and into a cyclonic storm "MORA" over eastcentral BoB in the late evening of 28th. Further moving north-northeastwards it lay centred at 1130 hrs IST of today, the 29th May, 2017 over eastcentral BoB near Latitude 17.8°N and Longitude 91.4°E, about 610 km south-southeast of Kolkata and 500 km south-southwest of Chittagong.

The system is likely to intensify further into a severe cyclonic storm during next 12 hours. It is very likely to move north-northeastwards and cross Bangladesh coast between longitude 91.0°E and 92.0°E near Chittagong around 30th May 2017 forenoon.

Observed and forecast track positions and intensity of the system are given below:

Date/time(IST)	Position (lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic Disturbance
29.05.2017/1130	17.8/91.4	80-90 gusting to 100	Cyclonic Storm
29.05.2017/1730	18.9/91.5	90-100 gusting to 110	Severe Cyclonic Storm
29.05.2017/2330	20.1/91.5	100-110 gusting to 120	Severe Cyclonic Storm
30.05.2017/0530	21.3/91.6	110-120 gusting to 130	Severe Cyclonic Storm
30.05.2017/1130	22.8/91.7	110-120 gusting to 130	Severe Cyclonic Storm
30.05.2017/2330	25.4/92.2	55-65 gusting to 75	Deep Depression
31.05.2017/1130	27.7/93.0	30-40 gusting to 50	Depression

Warning:

(i) Heavy Rainfall Warning:

29th May, 2017: Rainfall at many places with heavy rainfall at isolated places very likely to commence over South Assam, Tripura and Mizoram from today evening, the 29th May, 2017.

30th May, 2017: Rainfall at most places with heavy to very heavy rainfall at a few places and isolated extremely heavy rainfall very likely over Assam & Meghalaya. Rainfall at most places with heavy to very heavy rainfall at isolated places very likely over Tripura, Mizoram, Manipur, Nagaland and Arunachal Pradesh.

31st May 2017: Rainfall at most places with heavy to very heavy rainfall at isolated places very likely over Assam & Meghalaya, Tripura, Mizoram, Manipur, Nagaland and Arunachal Pradesh.

(ii) Wind warning:

Gale winds speed reaching 60-70 kmph gusting to 80 kmph would prevail over Mizoram and Tripura on 30th. Squally winds speed reaching 45-55 kmph gusting to 65 kmph would prevail over South Assam, Meghalaya and Manipur on 30th May and along & off West Bengal coast on 29th & 30th.

Expected damage over Mizoram and Tripura: Damage to thatched huts. Minor damage to power and communication lines due to breaking of branches. Major damage to Kutcha and minor damage to Pucca roads. Some damage to paddy crops, banana, papaya trees and orchards.

(iii) Sea condition:

Sea condition would be rough to very rough along & off West Bengal Coast on 30th.

(iv) Fishermen Warning:

Fishermen along & off West Bengal Coast are advised not to venture into sea on 29th & 30th May and those out at sea are advised to return to the coast.

The system is under constant surveillance and concerned state governments are kept informed.

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