



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

**BULLETIN NO. : 03 (BOB/01/2021)**

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**Sub: Depression over north Andaman Sea & neighbourhood**

The depression over north Andaman Sea & neighbourhood moved north-northeastwards and lay centred at 1130 hrs IST of today, the 02<sup>nd</sup> April, 2021 near latitude 11.2°N and longitude 96.4°E, about 410 km east-northeast of Port Blair (Andaman Islands), 430 km north-northwest of Phuket (Thailand) and 620 km south of Yangon (Myanmar). It is likely to move north-northeastwards towards Myanmar coast. It is likely to intensify into a deep depression during next 12 hours.

Forecast track and intensity are given in the following table:

<b>Date/Time(IST)</b>	<b>Position (Lat. °N/ long. °E)</b>	<b>Maximum sustained surface wind speed (Kmph)</b>	<b>Category of cyclonic disturbance</b>
02.04.21/1130	11.2/96.4	45-55 gusting to 65	Depression
02.04.21/2330	11.8/96.7	50-60 gusting to 70	Deep Depression
03.04.21/1130	12.6/97.2	45-55 gusting to 65	Depression
03.04.21/2330	13.4/97.5	40-50 gusting to 60	Depression

**Warnings:**

**(i) Rainfall**

- Light to moderate rainfall at many places with heavy falls at isolated places (upto 6.5-12 cm) very likely over Andaman Islands and light to moderate rainfall at a few places over Nicobar Islands on 2<sup>nd</sup> April, 2021.

**(ii) Wind warning**

- Squally winds speed reaching 45-55 kmph gusting to 65 kmph very likely over Andaman Sea becoming 50-60 kmph gusting to 70 kmph from tonight till tomorrow early morning. Squally winds speed reaching 45-55 kmph gusting to 65 kmph very likely over Andaman Sea during the subsequent 12 hours.
- Squally winds speed reaching 40-50 kmph gusting to 60 kmph are also very likely over and around Andaman & Nicobar Islands during next 24 hours.

**(iii) Sea condition**

Sea condition will be rough to very rough over Andaman Sea on 2<sup>nd</sup> & 3<sup>rd</sup> April, 2021.

**(iv) Impact expected:**

Rough to very rough Seas and squally weather with wind speed 45-55 kmph gusting to 65 kmph, affecting small vessels and fishing operations.

**(v) Warnings / Advisory:**

**(a) Fishermen Warning**

The fishermen are advised not to venture into Andaman Sea on 2<sup>nd</sup> & 3<sup>rd</sup> April, 2021.

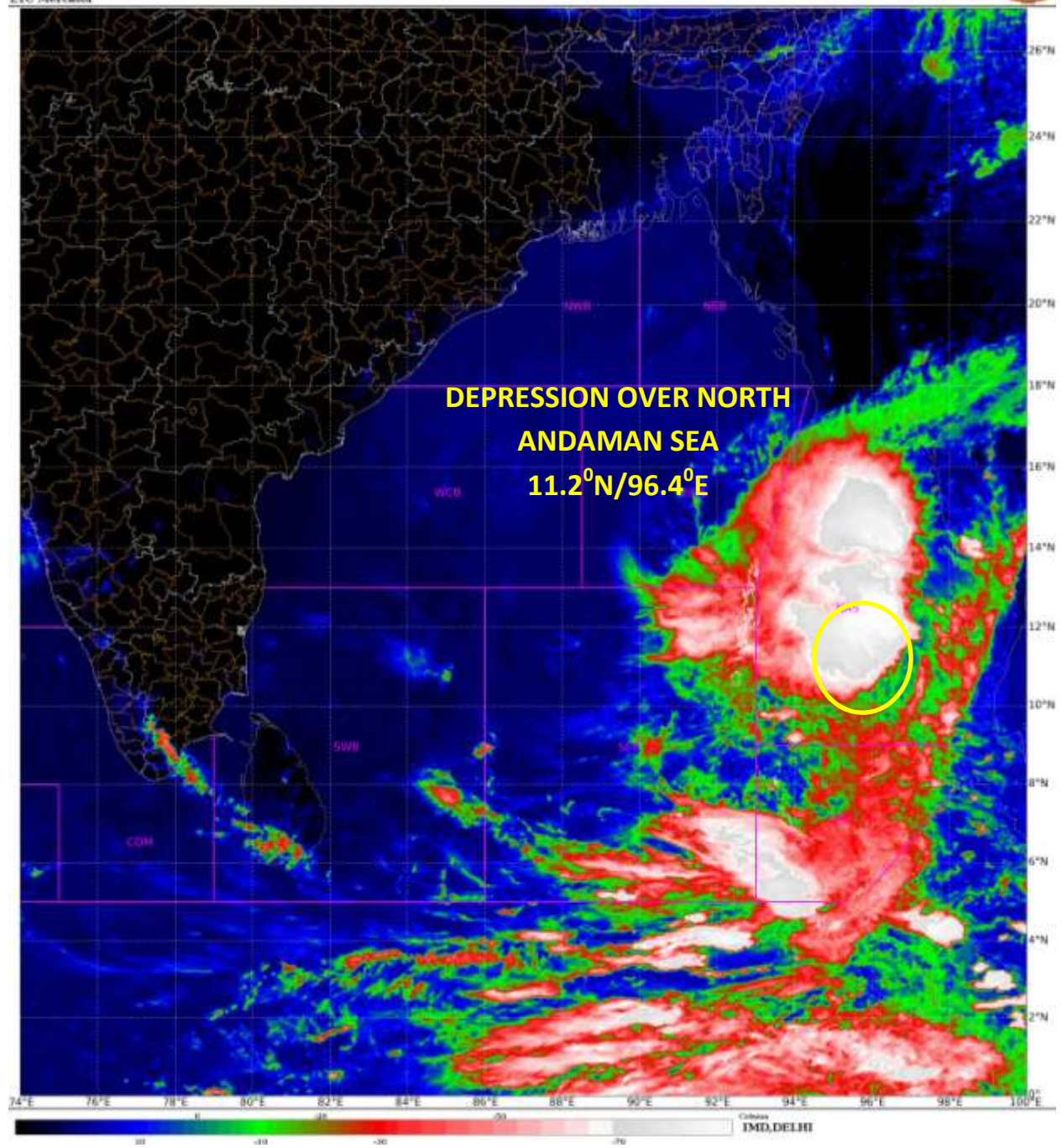
**(b) Advisory for other maritime operations**

- Small ships are advised to avoid the area
- Ports along the Andaman & Nicobar Islands may take necessary pre-cautions.
- Naval base operations may maintain necessary pre-cautions
- Tourism activities may be restricted briefly over and around Andaman & Nicobar Islands.

*The next bulletin will be issued at 2030 hrs IST of 02<sup>nd</sup> April, 2021.*

**(Sunitha Devi.)  
Scientist-F, RSMC, New Delhi**

*Copy to: CRS, Pune/ ACWC Kolkata/ Chennai/ CWC Bhubaneswar/CWC Visakhapatnam*





# OBSERVED TRACK ALONGWITH CONE OF UNCERTAINTY OF DEPRESSION OVER NORTH ANDAMAN SEA BASED ON 0600 UTC OF 2<sup>ND</sup> APRIL, 2021.



DATE/TIME IN UTC  
IST=UTC + 0530  
L: LOW PRESSURE AREA  
WML: WELL MARKED LOW PRESSURE AREA  
D: DEPRESSION (17-27 KT)  
DD: DEEP DEPRESSION (28-33 KT)  
CS: CYCLONIC STORM (34-47 KT)  
SCS: SEVERE CYCLONIC STORM (48-63KT)  
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
SuCS: SUPER CYCLONIC STORM ( $\geq$  120 KT)

-  LESS THAN 34 KT
-  34.47 KT
-   $\geq$  48 KT
-  OBSERVED TRACK
-  FORECAST TRACK
-  CONE OF UNCERTAINTY



# OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION OVER NORTH ANDAMAN SEA BASED ON 0600 UTC OF 2<sup>ND</sup> APRIL, 2021



DATE/TIME IN UTC  
 IST=UTC + 0530  
 L: LOW PRESSURE AREA  
 WML: WELL MARKED LOW PRESSURE AREA  
 D: DEPRESSION (17-27 KT)  
 DD: DEEP DEPRESSION (28-33 KT)  
 CS: CYCLONIC STORM (34-47 KT)  
 SCS: SEVERE CYCLONIC STORM (48-63KT)  
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)  
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)  
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT  
 ⚡ 34-47 KT  
 ⚡ ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 ◀ CONE OF UNCERTAINTY  
 AREA OF MAXIMUM SUSTAINED WIND SPEED:  
 ■ 28-33 KT (52-61 KMPH)  
 ■ 34-49 KT (62-91 KMPH)  
 ■ 50-63 KT (92-117 KMPH)  
 ■ ≥ 64 KT (≥118 KMPH)

### IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations