



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

BULLETIN NO. 1 (BOB/06/2022)

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FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)

CONTROL ROOM NDMA (FAX.NO. 26701729)

CABINET SECRETARIAT (FAX.NO.23012284, 23018638)

PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)

SECRETARY, MOES (FAX NO. 24629777)

H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)

DIRECTOR GENERAL, DOORDARSHAN (23385843)

DIRECTOR GENERAL, AIR (23421105, 23421219)

PIB MOES (FAX NO. 23389042)

UNI (FAX NO. 23355841)

D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)

DIRECTOR, PUNCTUALITY, INDIAN RAILWAYS (FAX NO. 23388503)

CHIEF SECRETARY, ODISHA (FAX NO. 0674-2536660)

CHIEF SECRETARY, WEST BENGAL (FAX NO. 033-22144328)

CHIEF SECRETARY, TAMILNADU (FAX NO. 044-25672304)

ADMINISTRATOR, ANDAMAN & NICOBAR ISLANDS (FAX NO. 03192- 232656)

CHIEF SECRETARY, PUDUCHERRY (FAX NO 0413-2334145)

CHIEF SECRETARY, ANDHRA PRADESH (FAX NO. 0863-2441029, 08645-246600)

CHIEF SECRETARY, GOVT. OF CHATTISGARH (FAX NO. 771-2221206)

CHIEF SECRETARY, GOVT. OF JHARKHAND (FAX NO. 651-2400255)

CHIEF SECRETARY, GOVT. OF MADHYA PRADESH (FAX NO. 755-2441076)

Sub: Depression over northwest Bay of Bengal and adjoining coastal areas of West Bengal & North Odisha

Yesterday's well marked low pressure area over northwest Bay of Bengal off North Odisha & West Bengal coasts moved slightly west-northwestwards, concentrated into a depression and lay centered at 0830 hours IST of today, the 14th August over northwest Bay of Bengal and adjoining coastal areas of West Bengal North Odisha near latitude 21.7⁰N and longitude 87.8⁰E about 10 km southeast of Digha (West Bengal) and 90 km east-northeast of Balasore (Odisha).

It is very likely to move west-northwestwards and cross West Bengal & adjoining north Odisha coasts close to Digha during next 6 hours. Thereafter, it is very likely to continue to move west-northwestwards and maintain the intensity of depression during next 24 hours.

Warnings:

(i) Rainfall:

Odisha: Rainfall at most places with heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places very likely on 14th August. The intensity of rainfall would decrease on 15th August with isolated heavy rainfall over western Odisha.

Gangetic West Bengal: Rainfall at most places with heavy to very heavy rainfall at isolated places likely over coastal districts on 14th August.

Jharkhand: Rainfall at most places with heavy to very heavy rainfall at isolated places likely over south Jharkhand and isolated heavy rainfall over north Jharkhand on 14th August

Chattisgarh: Rainfall at most places with heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places on 14th August and heavy to very heavy rainfall at isolated places on 15th August

East Madhya Pradesh: Rainfall at most places with heavy to extremely heavy rainfall at isolated places on 14th and heavy to very heavy rainfall at isolated placed on 15th August.

West Madhya Pradesh: Rainfall at most places with heavy to very heavy rainfall at isolated places on 14th and 16th and heavy to extremely heavy rainfall at isolated placed on 15th August

(ii) Wind:

Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over north and adjoining central Bay of Bengal and along & off Bangladesh, West Bengal, Odisha and adjoining North Andhra Pradesh coasts on 14th August and gradually decrease thereafter

(iii) Sea condition

Sea condition is likely to be rough to very rough over north and adjoining central Bay of Bengal and along & off Bangladesh, West Bengal, Odisha and adjoining North Andhra Pradesh coasts on 14th August and gradually improve thereafter.

(iii) Fishermen Warning

Fishermen are advised not to venture into north and adjoining central Bay of Bengal and along & off Bangladesh, West Bengal, Odisha and adjoining North Andhra Pradesh coasts till 15th August morning.

System is under continuous surveillance and the next message will be issued at 1430 hours IST of tomorrow, the 14th August, 2022.

(Ananda Kumar Das)
Scientist E, Cyclone Warning Division, New Delhi

Copy to: ACWC Mumbai/ ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWC Visakhapatnam/CWC Ahmedabad/ MO Port Blair/MC Raipur/MC Bhopal/MC Hyderabad/RMC Nagpur/MC Goa/MC Bengaluru/CWC Thiruvananthapuram

LEGEND: Heavy Rainfall: 64.5 to 115.5mm, **Very Heavy Rainfall:** 115.6 to 204.4mm **Most Places:** more than 76% of total stations, **Isolated Places:** Less than 25% of total

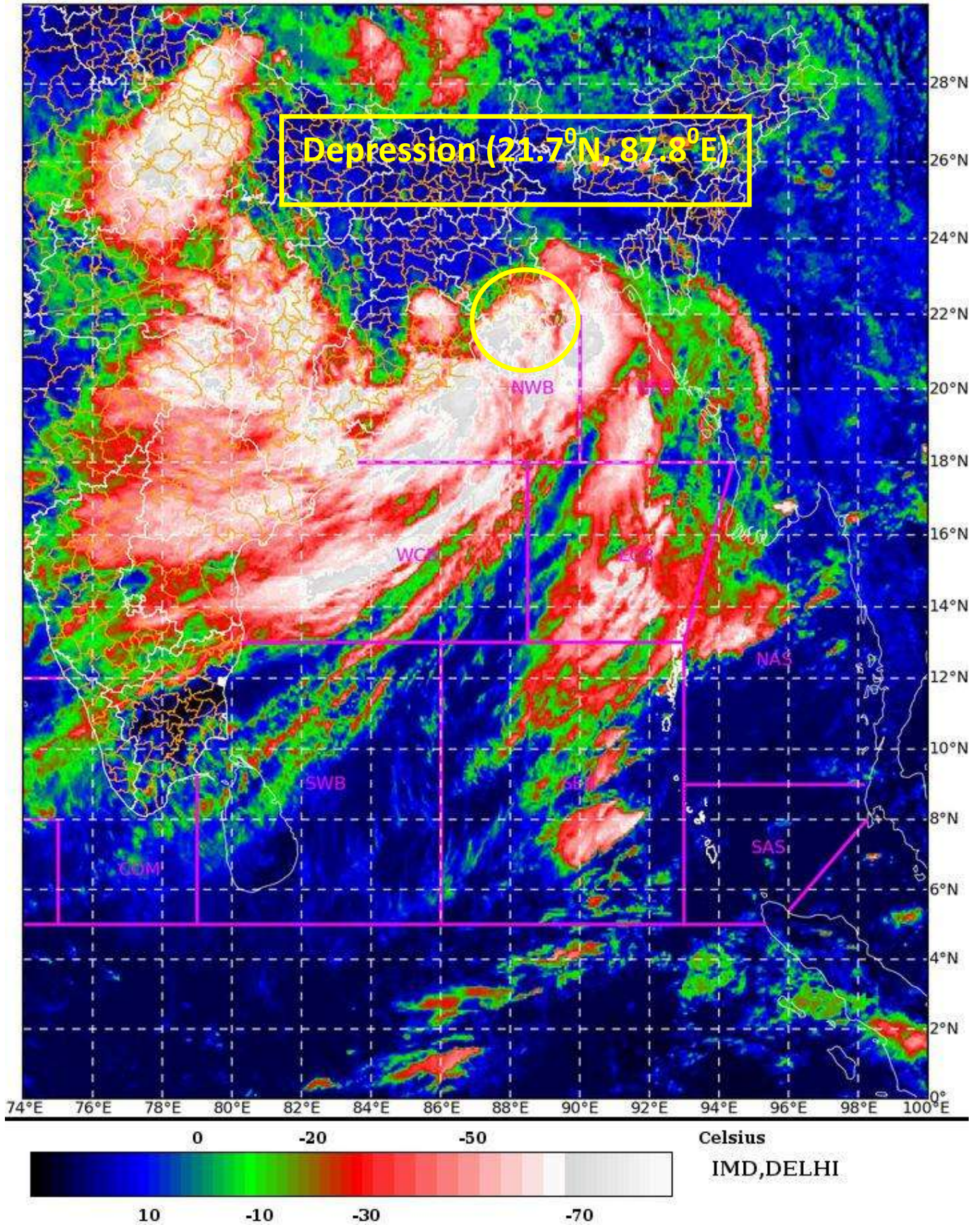
SAT : INSAT-3D IMG

14-08-2022/(0530 to 0557) GMT

IMG_TIR1_TEMP 10.8 um

14-08-2022/(1100 to 1127) IST

L1C Mercator





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER NORTHWEST BAY OF BENGAL AND ADJOINING COASTAL AREAS OF WEST BENGAL & ODISHA BASED ON 0300 UTC OF 14th AUGUST, 2022



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