



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

BULLETIN NO. 2 (BOB/06/2022)

TIME OF ISSUE:1400 HOURS IST

DATED: 14.08.2022

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

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

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

Sub: Depression crossed West Bengal & adjoining North Odisha coasts

The depression over northwest Bay of Bengal and adjoining coastal areas of West Bengal & North Odisha moved west-northwestwards with a speed of 10 kmph during last 3 hours, crossed West Bengal & adjoining north Odisha coasts close to Digha between 1030 IST & 1130 IST and lay centered at 1130 hours IST of today, the 14th August over coastal West Bengal & adjoining North Odisha near latitude 21.9°N and longitude 87.5°E about 20 km west of Digha (West Bengal) and 70 km east-northeast of Balasore (Odisha).

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 2030 hours IST of 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

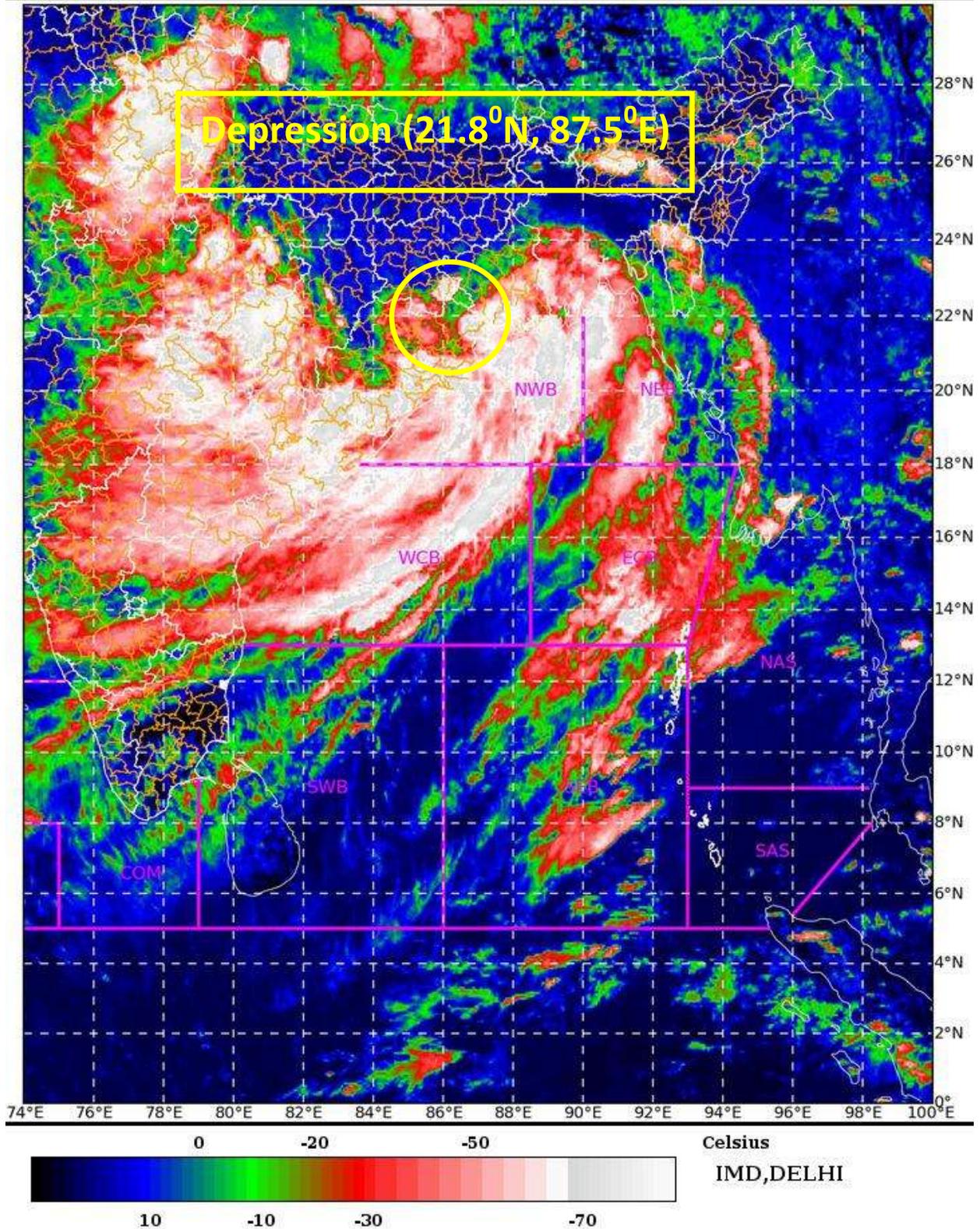
SAT : INSAT-3D IMG

14-08-2022/(0700 to 0726) GMT

IMG_TIR1_TEMP 10.8 um

14-08-2022/(1230 to 1256) IST

L1C Mercator





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER COASTAL AREAS WEST BENGAL AND ADJOINING NORTH ODISHA BASED ON 0600 UTC OF 14th AUGUST, 2022



DATE/TIME IN UTC

IST=UTC + 0530

L: LOW PRESSURE AREA

WM: 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

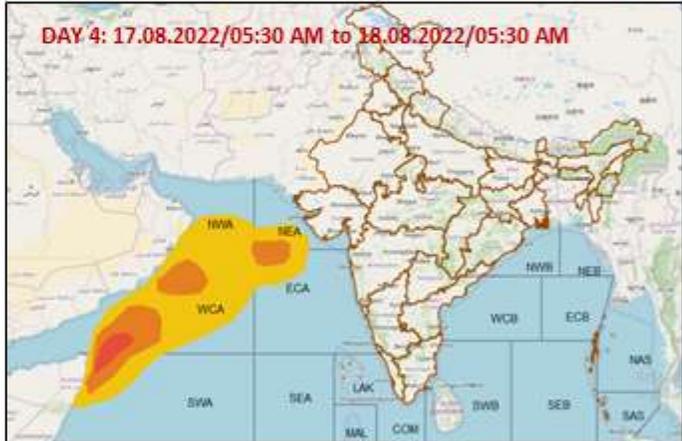
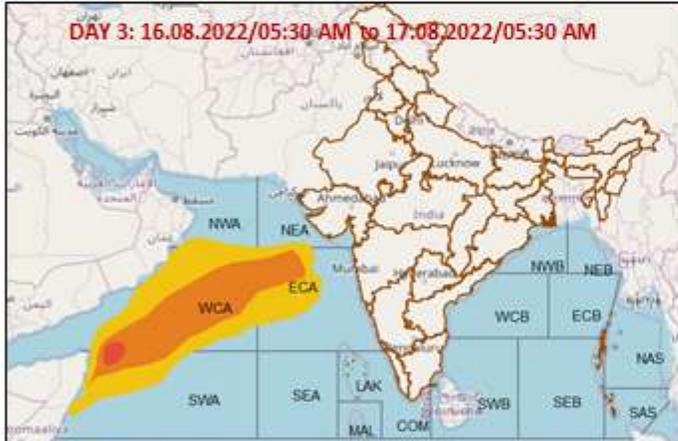
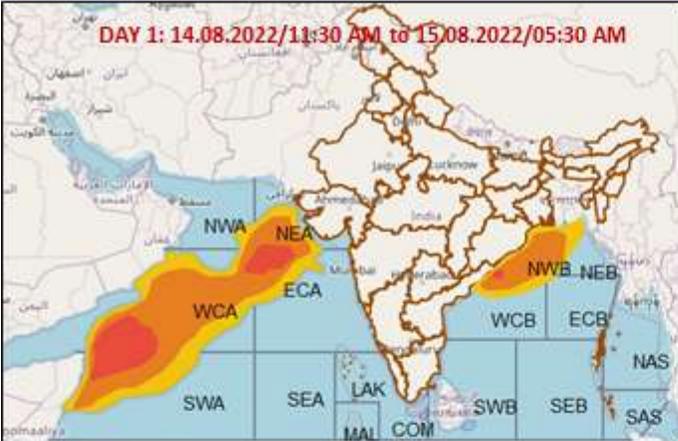
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Fishermen Warning Graphics

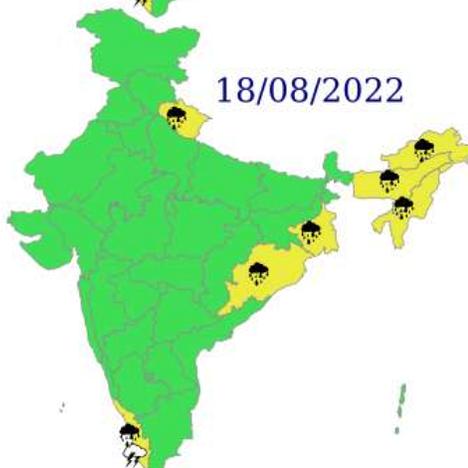
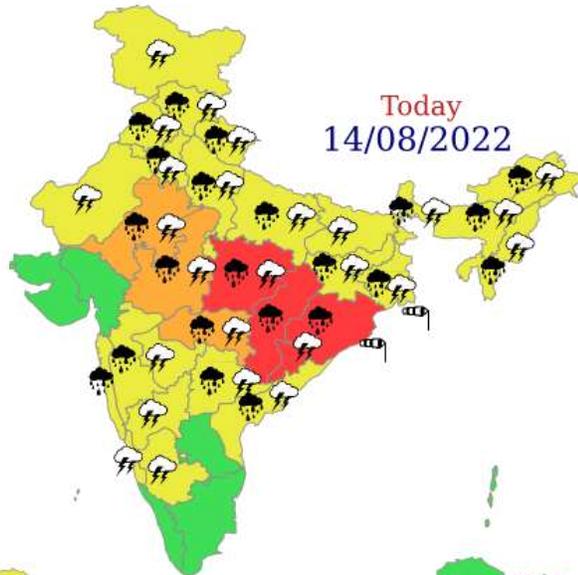


	Squally WX with wind speed 40-50 gusting to 60 kmph
	Squally WX with wind speed 45-55 gusting to 65 kmph
	Squally wind speed 45-55kmph gusting to 65 kmph
	Squally wind speed 50-60kmph gusting to 70 kmph

Probability of exceedance of maximum sustained winds ≥ 45 kmph



	Probability of exceedance
	Low (1-33%)
	Moderate (34-67%)
	High (68-100%)



- | | | | |
|--------------|------------|--------------|--------------|
| Heavy Rain | Heavy Snow | Thunderstorm | Dust Storm |
| Strong Winds | Visibility | Cyclone | Squall/ Hail |
| Frost | Cold Wave | Heat Wave | Sea State |