



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

SPECIAL BULLETIN NO. 1

TIME OF ISSUE:1330 HOURS IST

DATED: 07.08.2022

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

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Sub: Well Marked Low Pressure Area over northwest & adjoining westcentral Bay of Bengal off south Odisha & adjoining north Andhra Pradesh coasts

Under the influence of a cyclonic circulation over northwest Bay of Bengal and neighbourhood, a low pressure area formed over northwest Bay of Bengal off Odisha-West Bengal coasts in the evening (1730 hours IST) of yesterday, the 6th August, 2022. It lies as a well marked low pressure area over northwest Bay of Bengal & adjoining westcentral Bay of Bengal off south Odisha & adjoining north Andhra Pradesh coasts at 0830 hours IST of today, the 7th August, 2022.

It is likely to intensify into a depression over the same region during next 48 hours and move gradually west-northwestwards across Odisha and Chattisgarh.

Warnings:

(i) Rainfall (warning graphics enclosed)

7th August: Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places is very likely over Odisha; heavy to very heavy rainfall at isolated places is very likely over coastal Andhra Pradesh & Yanam and Telangana and heavy rainfall at isolated places is very likely over Chhattisgarh and Rayalaseema.

8th August: Heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places is very likely over Telangana; heavy to very heavy rainfall at isolated places is very

likely over Odisha and Chhattisgarh, and **heavy rainfall** at isolated places is very likely over coastal Andhra Pradesh & Yanam and Gangetic West Bengal.

9th August: Heavy to very heavy rainfall with extremely heavy falls at isolated places is likely over Odisha, Chhattisgarh and Telangana; **heavy to very heavy rainfall at isolated places** is likely over Gangetic West Bengal, East Madhya Pradesh, Vidarbha Marathwada and Madhya Maharashtra and **heavy rainfall at isolated places** is likely over Jharkhand and Coastal Andhra Pradesh & Yanam,.

10th August: Heavy to very heavy rainfall at a few places with extremely heavy falls at isolated places is likely over Madhya Maharashtra and Gujarat region; **heavy to very heavy rainfall at isolated places** over Madhya Pradesh, Saurashtra & Kutch, Vidarbha, Chhattisgarh, Odisha and Gangetic West Bengal; and **heavy rainfall at isolated places** over Jharkhand, Marathawada and Telangana.

11th August: Heavy to very heavy rainfall at a few places with extremely heavy falls likely at isolated places over Gujarat state and Madhya Maharashtra; **heavy to very heavy rainfall at isolated places** over West Madhya Pradesh and East Rajasthan; and **heavy rainfall at isolated places** over East Madhya Pradesh, Vidarbha and Chhattisgarh.

(ii) Wind warning:

7th August: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over northwest Bay of Bengal along & off Odisha & West Bengal coasts and Andaman Sea. Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over south & adjoining central Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, and Comorin area & east Sri Lanka coasts.

8th August: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northwest Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, and Comorin area & east Sri Lanka coasts. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over Andaman Sea.

9th August: Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northwest Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over north Andaman Sea.

10th August: Squally wind speed reaching 55-65 kmph gusting to 75 kmph is very likely over central parts of North Bay of Bengal and 45-55 kmph gusting to 65 kmph over westcentral Bay of Bengal & along & off Odisha, West Bengal & North Andhra Pradesh coasts. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over southwest, eastcentral Bay of Bengal and Andaman Sea.

11th August: Squally wind speed reaching 55-65 kmph gusting to 75 kmph is very likely over central parts of North Bay of Bengal and 45-55 kmph gusting to 65 kmph over westcentral Bay of Bengal & along & off Odisha, West Bengal & North Andhra Pradesh coasts. Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over southeast, eastcentral Bay of Bengal and Andaman Sea.

(iii) Sea condition

7th August: Sea condition is very likely to be rough over northwest Bay of Bengal along & off Odisha & West Bengal coasts and Andaman Sea. Sea condition is very likely to be rough to very rough over

south & adjoining central Bay of Bengal and along & off Andhra Pradesh, Tamil Nadu, and Comorin area & east Sri Lanka coasts.

8th August: Sea condition is likely to be rough to very rough over northwest Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts and Andaman Sea.

9th August: Sea condition is likely to be rough to very rough over north Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts.

10th August: Sea condition is likely to be very rough to high over northwest Bay of Bengal along & off Odisha coast, westcentral & adjoining northeast Bay of Bengal. Sea condition is likely to be rough to very rough over south Bay of Bengal along & off east Sri Lanka coast. Sea condition is likely to be rough over southeast & eastcentral Bay of Bengal and Andaman Sea.

11th August: Sea condition is likely to be very rough to high over northwest Bay of Bengal; rough to very rough over westcentral Bay of Bengal and along & off West Bengal, Odisha and Andhra Pradesh coasts. Sea condition is likely to be rough over southeast & eastcentral Bay of Bengal and Andaman Sea.

(iv) Fishermen Warning

7th August: Fishermen are advised not to venture into northwest Bay of Bengal along & off Odisha & West Bengal coasts, south & adjoining central Bay of Bengal, along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts and Andaman Sea.

8th August: Fishermen are advised not to venture into northwest Bay of Bengal, along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal, along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts and Andaman Sea.

9th August: Fishermen are advised not to venture into north Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts and Andaman Sea.

10th August: Fishermen are advised not to venture into north Bay of Bengal along & off Odisha & West Bengal coasts, central & adjoining south Bay of Bengal along & off Andhra Pradesh, Tamil Nadu, Comorin area & east Sri Lanka coasts and Andaman Sea.

11th August: Fishermen are advised not to venture into northwest Bay of Bengal, westcentral Bay of Bengal and along & off Odisha and West Bengal coasts, southwest Bay of Bengal and Andaman Sea.

The system is under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 8th August, 2022.

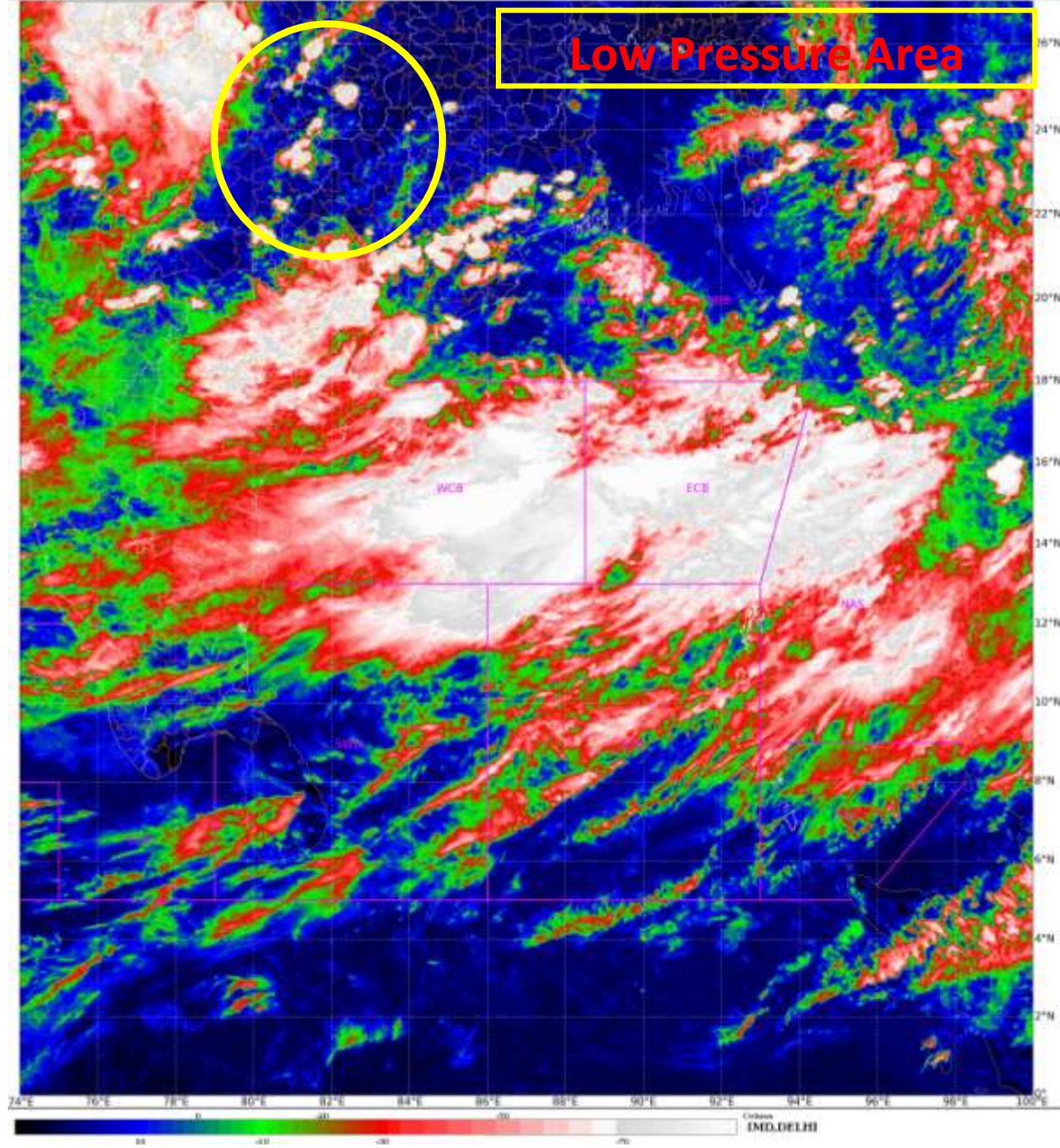
(Ananda Kumar Das)
Scientist E, Cyclone Warning, New Delhi

Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWCVisakhapatnam/CWC Ahmedabad/ MO Port Blair/MC Raipur/MC Bhopal/MC Hyderabad/RMC Nagpur

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-3DR IMG
IMG_TIR1_TEMP 10.8 um
LIC Mercator

07-08-2022(0715 to 0742) GMT
07-08-2022(1245 to 1312) IST



WARNING

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

Today
07/08/2022



Tomorrow
08/08/2022



09/08/2022



10/08/2022

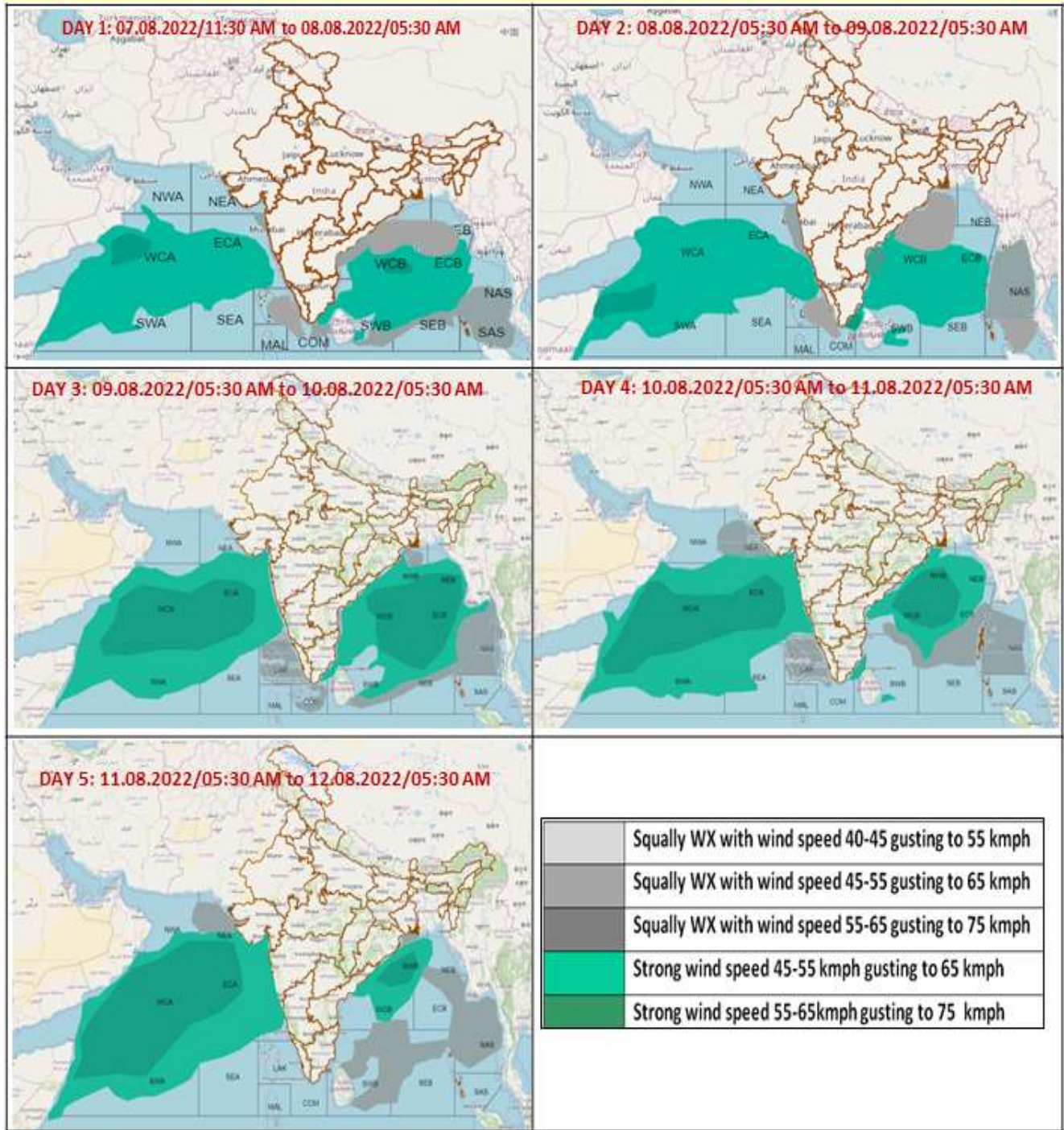


11/08/2022



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

Fishermen Warning Graphics



Probability of exceedence of maximum sustained winds ≥ 45 kmph

