



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

BULLETIN NO. 8 (ARB/02/2022)

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DATED: 13.08.2022

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Sub: (A) Depression over northwest Arabian Sea weakened into a Well Marked Low Pressure Area

(B) Well marked low pressure area over northwest Bay of Bengal

(A) Depression over northwest Arabian Sea weakened into a Well Marked Low Pressure Area

The depression over northwest Arabian Sea weakened into a well marked low pressure area and lay centered at 1730 hours IST of today, the 13th August, 2022, over the northeast & adjoining northwest Arabian Sea.

It is very likely to move further northeastwards and weaken gradually into a low pressure area during next 24 hours.

Warnings:

(i) Wind warning:

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over northeast & adjoining northwest and central Arabian Sea on 13th & 14th.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Gujarat, Maharashtra and Karnataka coasts today on 13th & 14th August.

(ii) Sea condition

Sea condition is likely to be rough to very rough over northeast & adjoining northwest Arabian Sea, central Arabian Sea and along & off Gujarat, Maharashtra and Karnataka coasts today on 13th & then on 14th August.

(iii) Fishermen Warning

Fishermen are advised not to venture into north & central Arabian Sea and along & off Gujarat and Maharashtra coasts on 13th and 14th August.

This is last update in association with this system.

(B) Well marked low pressure area over northwest Bay of Bengal

The low pressure area over north Bay of Bengal lay as a well marked low pressure area over northwest Bay of Bengal off North Odisha and West Bengal coasts at 1730 hours IST of today, the 13th August. It is likely to move west-northwestwards and concentrate into a depression during next 24 hours.

Warnings:

(i) Rainfall:

Odisha: Rainfall at most places with heavy to extremely heavy rainfall at isolated places very likely on 13th August and 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 rainfall at isolated places likely over coastal districts on 13th and 14th August.

Jharkhand: Rainfall at most places with heavy rainfall at isolated places likely over South Jharkhand on 13th and 14th August.

Chattisgarh: Rainfall at most places with heavy to very heavy rainfall at isolated places on 13th and 15th August and heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places on 14th August.

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

(ii) Wind:

Squally wind speed 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 13th and 14th August.

(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 13th and 14th August.

(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 on 13th and 14th August.

Both the systems are under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 14th August, 2022.

(M. Sharma)

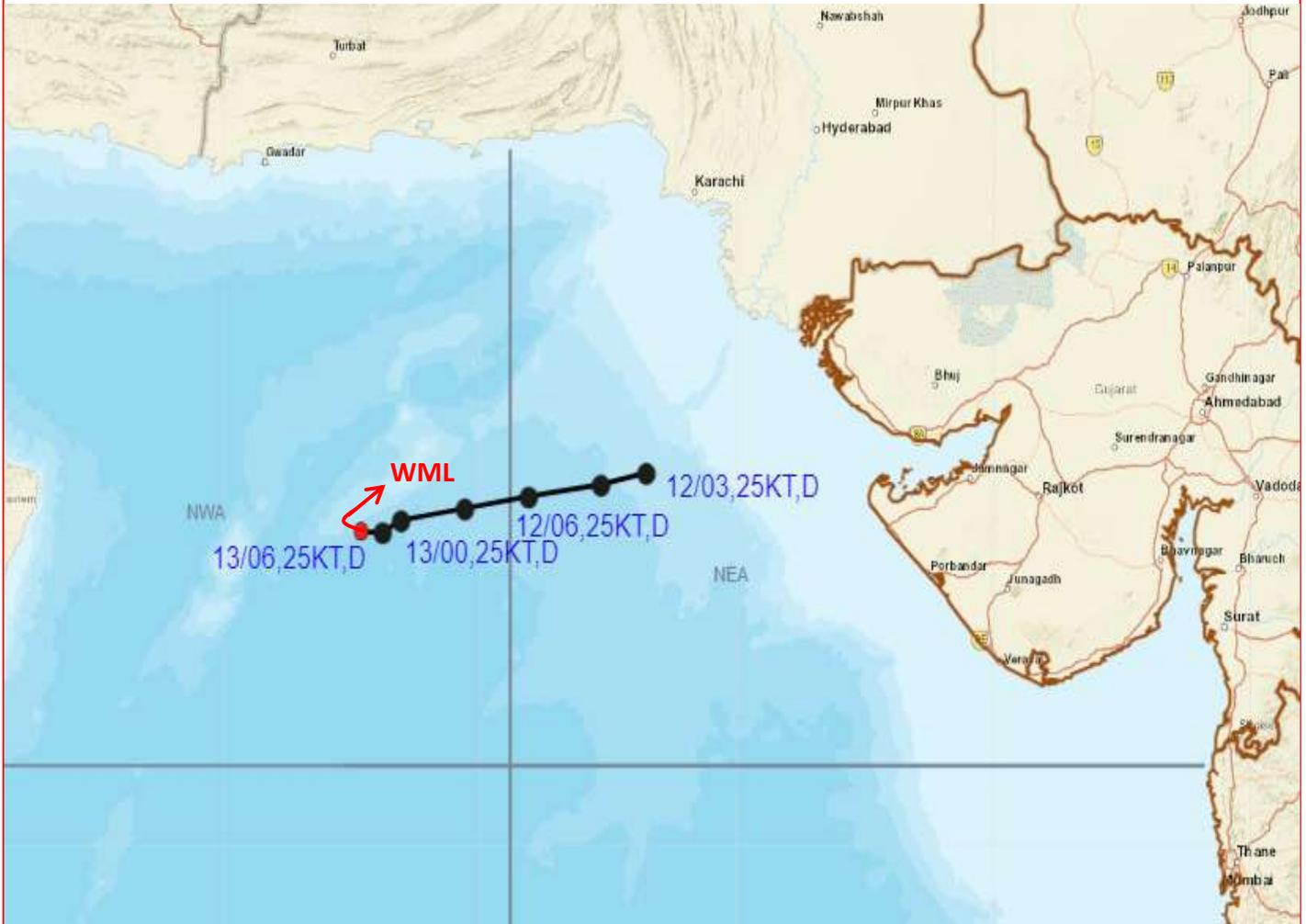
Scientist D, Cyclone Warning Division, New Delhi

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



OBSERVED AND FORECAST TRACK OF WELL MARKED LOW PRESSURE AREA OVER NORTHEAST AND ADJOINING NORTHWEST ARABIAN SEA BASED ON 1200 UTC OF 13th AUGUST, 2022

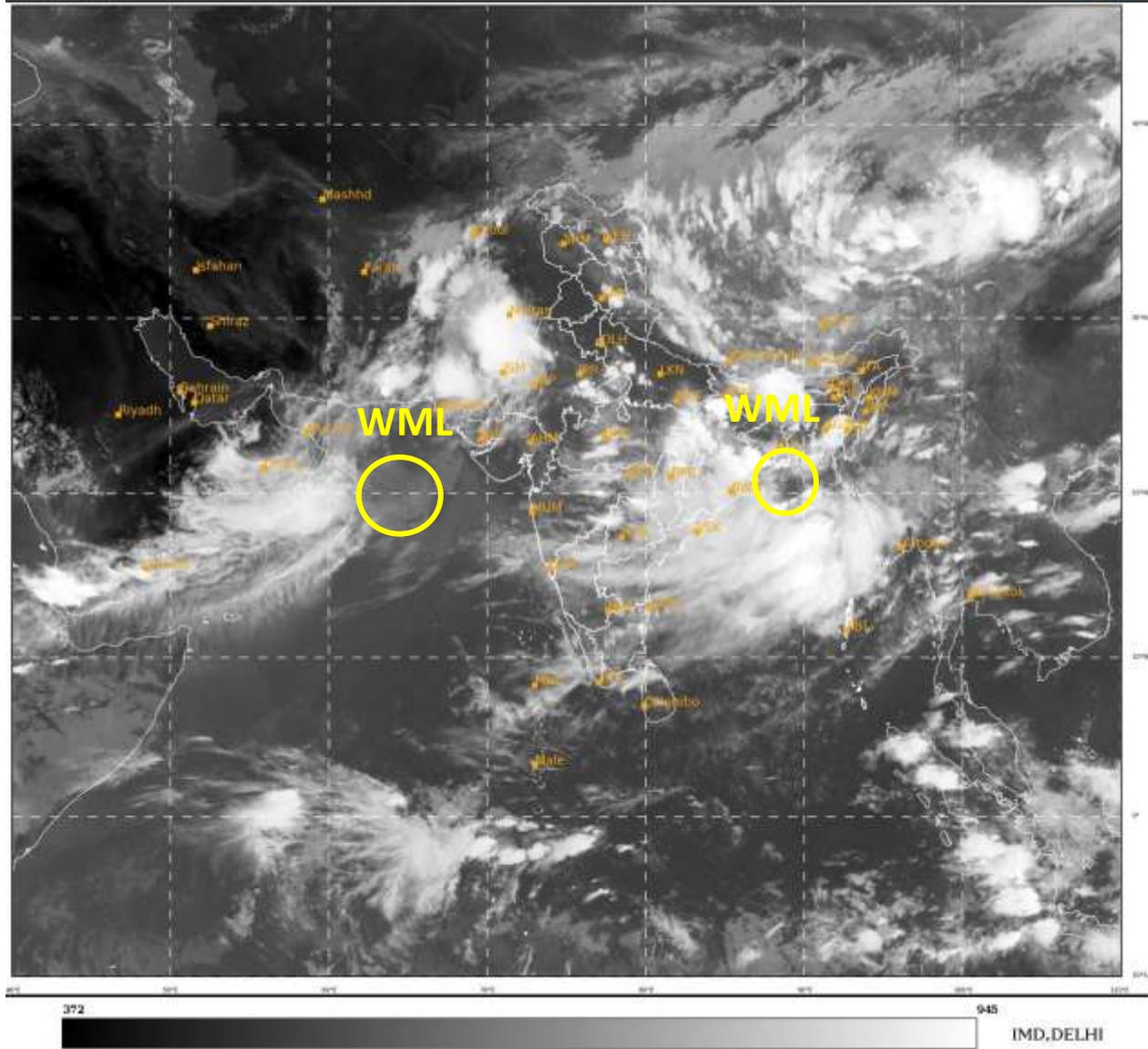


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

- LESS THAN 34 KT
- 34-47 KT
- \geq 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY

SAT : INSAT-3D IMG
IMC_TIR1 10.8 um
LIC Mercator

13-08-2022/(1300 to 1326) GMT
13-08-2022/(1830 to 1856) IST



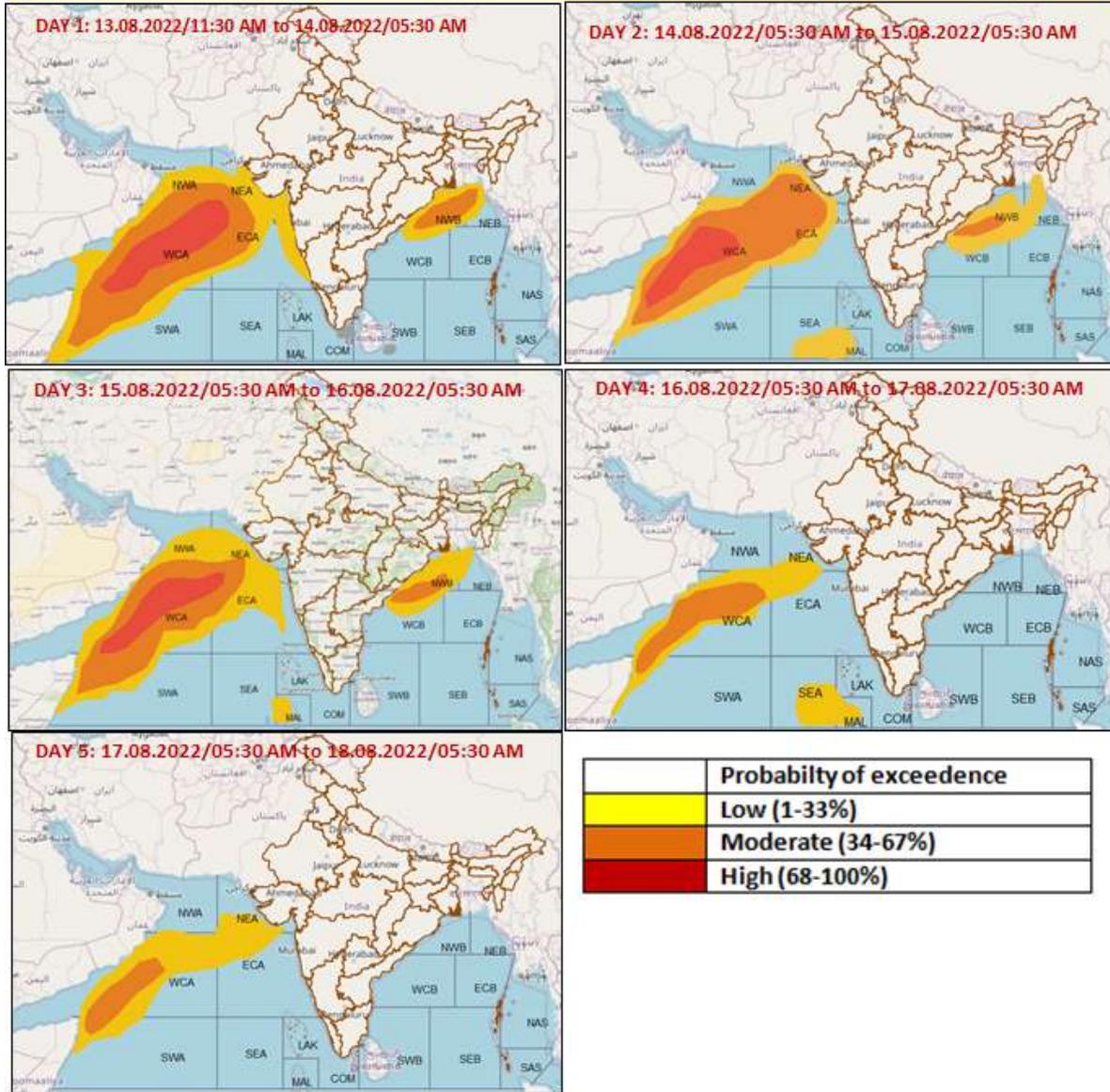
WML: Well Marked Low Pressure Area

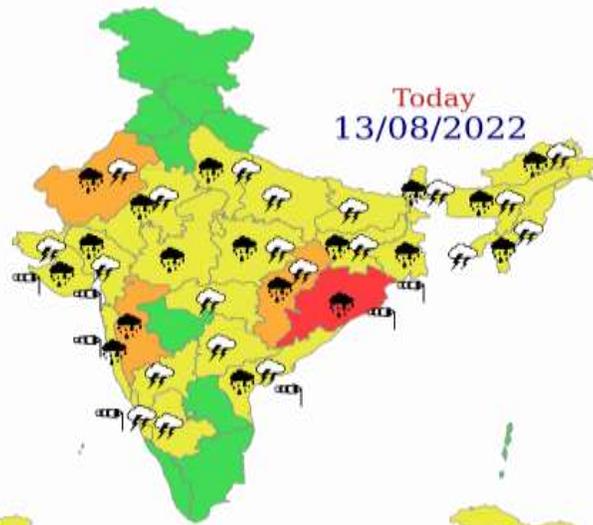
Fishermen Warning Graphics



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

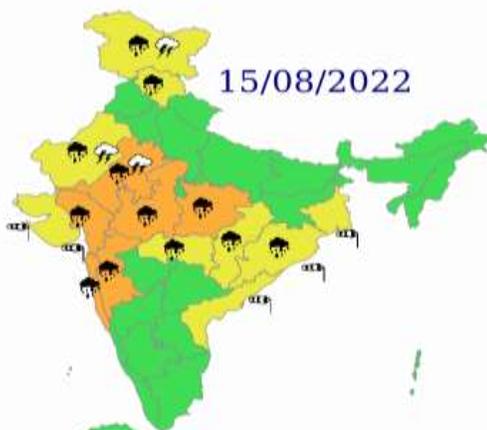
Probability of exceedance of maximum sustained winds ≥ 45 kmph





WARNING

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



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