



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

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Sub: (A) Depression over Westcentral Arabian Sea

(B) Low pressure area over Southeast Bay of Bengal & adjoining areas of East Equatorial Indian Ocean

(A) Depression over Westcentral Arabian Sea

The Depression over Westcentral & adjoining Eastcentral Arabian Sea moved westwards with a speed of 14 kmph during past 06 hours and lay centered at 0530 hrs IST of today, the 17th December 2022 over Westcentral Arabian Sea near latitude 14.1°N and longitude 62.2°E about 1190 km west-northwest of Aminidivi (Lakshadweep), 1260 km west-southwest of Panjim (Goa) and 930 km east-southeast of Salalah (Oman).

It is very likely to move nearly westwards and weaken into a well marked low pressure area during next 12 hours.

Warnings:

(i) Wind warning (warning graphics enclosed)

- **Westcentral Arabian Sea: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** is prevailing near the system center. It is likely to decrease gradually becoming **40-50 kmph gusting to 60 kmph during next 12 hours** and will decrease further becoming 25-35 kmph gusting to 45 kmph during subsequent 12 hours.
- **Southwest Arabian Sea: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** is prevailing over the region and is likely to become **40-50 kmph gusting to 60 kmph** during next 12 hours and gradually decrease thereafter.

(ii) Sea Condition

- ❖ **Westcentral Arabian Sea: Sea Condition** is likely to be rough till next 12 hours and improve thereafter.
- ❖ **Southwest Arabian Sea: Sea Condition** is likely to be rough till next 12 hours and improve thereafter.

(iii) Fishermen Warning

Fishermen are advised not to venture into **Westcentral & Southwest Arabian Sea** till 17th December.

(B) Low pressure area over Southeast Bay of Bengal & adjoining East Equatorial Indian Ocean

The **Low Pressure Area** over Southeast Bay of Bengal & adjoining East Equatorial Indian Ocean persists over the same region at 0530 hrs IST of today, the 17th December. It is likely to move westwards slowly over South Bay of Bengal during next 48 hours.

Warnings:

(i) Wind warning:

- ❖ **Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph** is very likely over south Andaman Sea on 17th December.
- ❖ **Squally wind speed reaching 35-45 kmph gusting to 55 kmph** is likely over Southeast Bay of Bengal on 17th & 18th December.
- ❖ **Squally wind speed reaching 35-45 kmph gusting to 55 kmph** is likely to prevail over Southwest Bay of Bengal on 17th & 18th December

(ii) Sea condition: Sea condition is likely to be rough over

- ❖ South Andaman Sea on 17th December.
- ❖ Southeast Bay of Bengal on 17th & 18th December.
- ❖ Southwest Bay of Bengal on 17th & 18th December.

(iii) Fishermen Warning (warning graphics enclosed)

Fishermen are advised not to venture into:

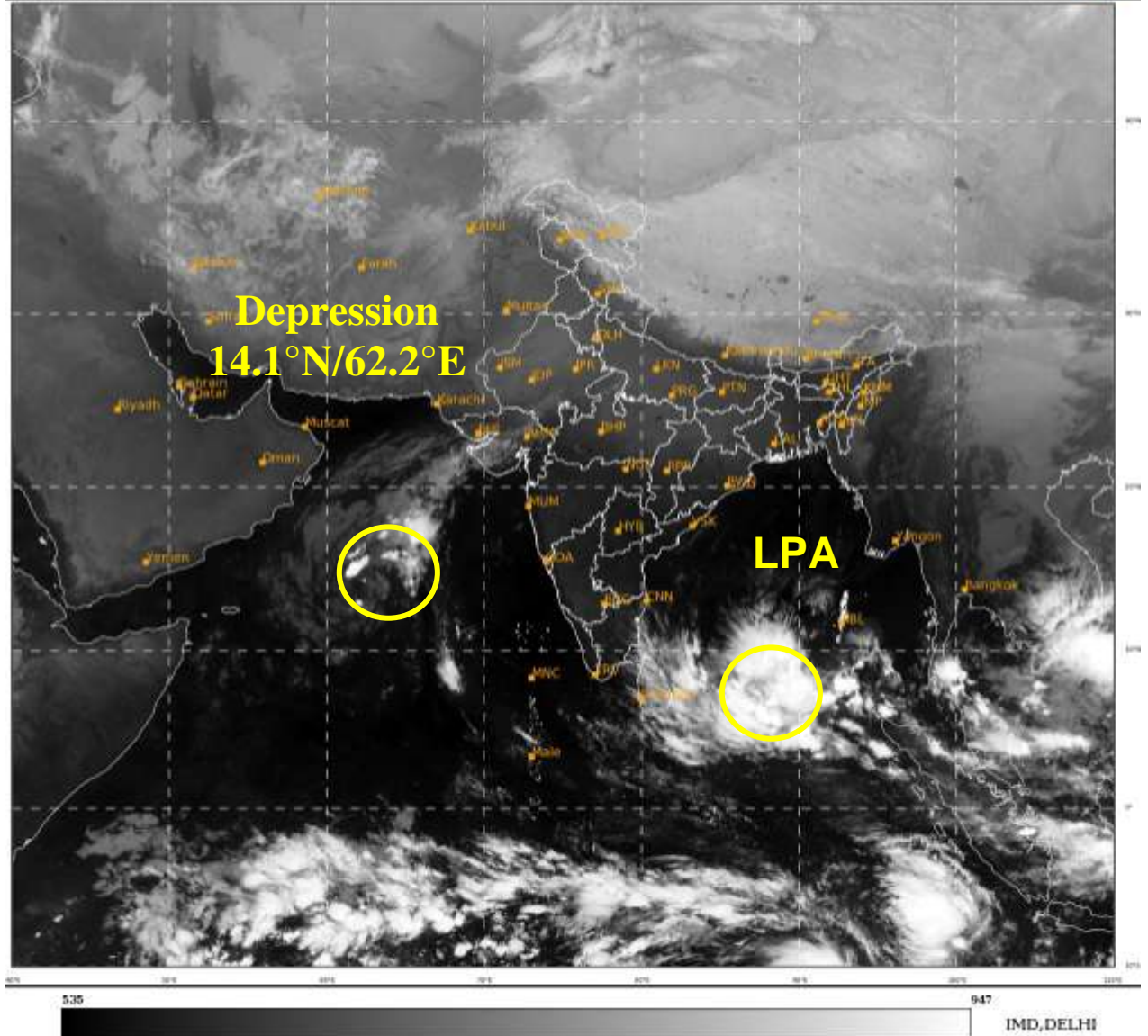
- ❖ South Andaman Sea on 17th December.
- ❖ Southeast Bay of Bengal on 17th & 18th December.
- ❖ Southwest Bay of Bengal on 17th & 18th December.

Both the systems are under continuous surveillance and the next message will be issued at 1130 hours IST of 17th December, 2022.

(R K Jenamani)
Scientist F, Cyclone Warning Division, New Delhi

Copy to: ACWC Mumbai/ ACWC Chennai/ CWC Ahmedabad/ CWC Thiruvananthapuram/MC Goa

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



LPA: Low Pressure Area



OBSERVED AND FORECAST TRACK OF DEPRESSION OVER WESTCENTRAL ARABIAN SEA BASED ON 0000 UTC OF 17TH DECEMBER, 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 (≥ 20 KT)

● LESS THAN 34 KT

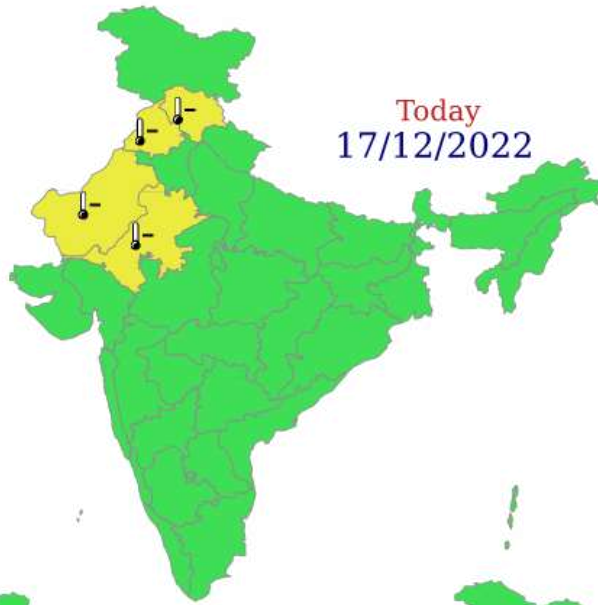
○ 34-47 KT

○ ≥ 48 KT




— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



-  Heavy Rain
-  Strong Winds
-  Frost

-  Heavy Snow
-  Visibility
-  Cold Wave

-  Thunderstorm
-  Cyclone
-  Heat Wave

-  Dust Storm
-  Squall/ Hail
-  Sea State

Fishermen warning graphics



Squally WX with wind speed 40-45 kmph gusting to 55 kmph
Squally wind speed 45-55 kmph gusting to 65 kmph
Squally wind speed 55-65 kmph gusting to 75 kmph

Fishermen are advised not to venture into the marked areas.