

India Meteorological Department (Ministry of Earth Sciences)

BULLETIN NO. 3 (ARB/02/2022)

TIME OF ISSUE:2130 HOURS IST DATED: 12.08.2022 FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)

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Sub: (A) Depression over northeast and adjoining northwest Arabian Sea and

(B) Likely formation of depression over northwest Bay of Bengal around 14th August

(A) Depression over northeast and adjoining northwest Arabian Sea

The depression over northeast Arabian Sea moved nearly westwards with a speed of 14 kmph during past 6 hours and lay centered at 1730 hours IST of today, the 12th August, 2022 over northeast and adjoining northwest Arabian Sea near latitude 22.4°N and longitude 65.2°E, about 390 km west of Naliya (Gujarat), 470 km west of Porbandar (Gujarat), 340 km southwest of Karachi (Pakistan) and 550 km east-southeast of Chahbahar (Iran).

It is very likely to intensify into a deep depression during next 12 hours. It is very likely to move nearly westwards for some more time and then move northwestwards till 13th August evening. Then it is likely to recurve gradually north-northeastwards.

Warnings:

(i) Wind warning:

Squally wind speed reaching 45-55 kmph gusting to 65 kmph is very likely over northwest & adjoining northeast and central Arabian Sea on 12th August. It is likely to increase becoming

- 50-60 gusting to 70 kmph over the same region on 13th August. The wind speed would decrease gradually becoming 40-50 kmph gusting to 60 kmph over the same region on 14th.
- Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely along & off Gujarat, Maharashtra and Karnataka coasts on 12th & 13th August.

(ii) Sea condition

Sea condition is likely to be rough to very rough over northwest & adjoining northeast Arabian Sea, central Arabian Sea and along & off Gujarat, Maharashtra and Karnataka coasts during 12th-14th August.

(iii) Fishermen Warning

Fishermen are advised not to venture into north & central Arabian Sea and along & off Gujarat and Maharashtra coasts during 12th to 14th August.

(B) Likely formation of depression over northwest Bay of Bengal around 14th August

A cyclonic circulation lies over west Myanmar and neighbourhood. Under it's influence, a low pressure area is likely to form over north Bay of Bengal around 13th August, 2022. It is likely to become more marked during subsequent 24 hours and move west-northwestwards thereafter.

Under it's influence, rainfall activity would increase over Gangetic West Bengal and Odisha on 13th and 14th August.

The system is under continuous surveillance and the next message will be issued at 0230 hours IST of tomorrow, the 13th August, 2022.

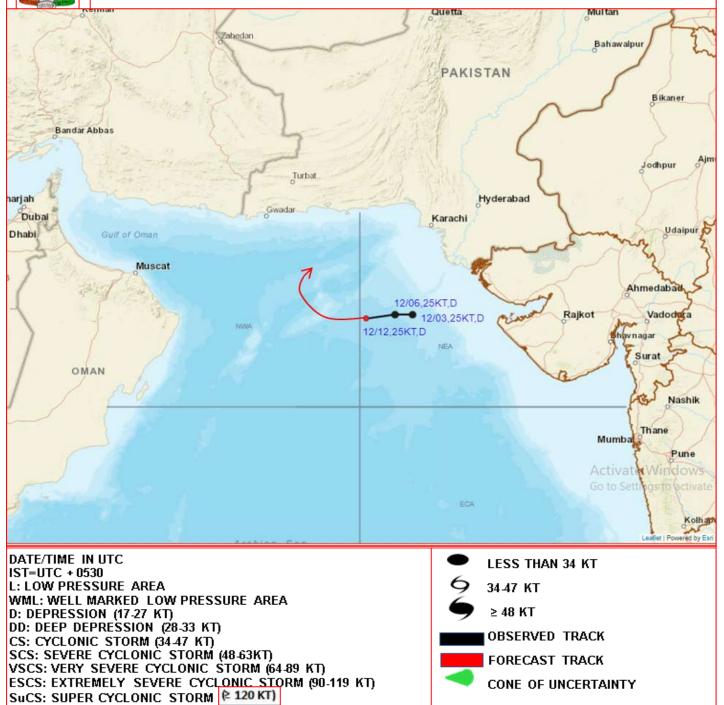
(A.K. Das) Scientist E, Cyclone Warning, New Delhi

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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 DEPRESSION OVER NORTHEAST AND ADJOINING NORTHWEST ARABIAN SEA BASED ON 1200 UTC OF 12th AUGUST, 2022



12-08-2022/(1330 to 1356) GMT 12-08-2022/(1900 to 1926) IST

SAT: INSAT-3D IMG IMG_TIR1_TEMP 10.8 um ARABIAN_SEA



