



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

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Sub: Severe Cyclonic Storm 'Shaheen' over Gulf of Oman & neighbourhood

The **Severe Cyclonic Storm 'Shaheen'** over Gulf of Oman & neighbourhood moved west-southwestwards with a speed of about 10 kmph, during past 6 hours, lay centred at 2030 hrs IST of today, the 3rd October, 2021 over Gulf of Oman & neighbourhood, near latitude 24.0°N and longitude 57.7°E, about 330 km west-southwest of Chabahar Port (Iran) and 80 km west-northwest of Muscat (Oman).

Forward sector of the wall cloud is approaching towards north Oman coast. The system is moving closer to the coast. The system is very likely to cross Oman coast between Long.56°E & 58°E, around 57°E (about 130 km west-northwest of Muscat) by early hours of 4th October 2021, as a Severe Cyclonic Storm with a maximum sustained wind speed of 100-110 kmph gusting to 120 kmph.

Forecast track and intensity are given in the following table:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
03.10.21/2030	24.0/57.7	105-115 gusting to 125	Severe Cyclonic Storm
03.10.21/2330	23.9/57.3	100-110 gusting to 120	Severe Cyclonic Storm
04.10.21/0530	23.8/56.5	70-80 gusting to 90	Cyclonic Storm
04.10.21/1130	23.7/55.9	45-55 gusting to 65	Depression

Warnings:

(i) Wind warning

- Gale wind speed reaching 105-115 kmph gusting to 125 kmph likely to prevail over Gulf of Oman and neighbourhood during next 06 hours. It would gradually decrease becoming 100-110 Kmph gusting to 120 Kmph over Gulf of Oman & adjoining north coastal Oman from the mid-night of today, the 03rd Oct., reduce further becoming 70-80 kmph gusting to 90 kmph over north coastal Oman and adjoining Gulf of Oman from the early morning of 04th Oct. and reduce substantially thereafter.

(ii) Sea condition

- Sea condition will be high to very high over Gulf of Oman till mid-night of today, the 03rd Oct. It would be high to very high over Gulf of Oman & adjoining north coastal Oman from early hours of 4th October during subsequent 06 hours.

(iii) Fishermen Warning

- Fishermen are advised not to venture into northwest Arabian Sea, Gulf of Oman and along & off north Oman coast till 4th October morning.

(iv) EXPECTED IMPACT & ACTION SUGGESTED

- As the system is moving away from the Indian coast, no further impact is likely over India.
- However, Fishermen as well as Mariners are advised to avoid the Sea areas comprising Gulf of Oman and along & off north Oman coast till 4th October morning.

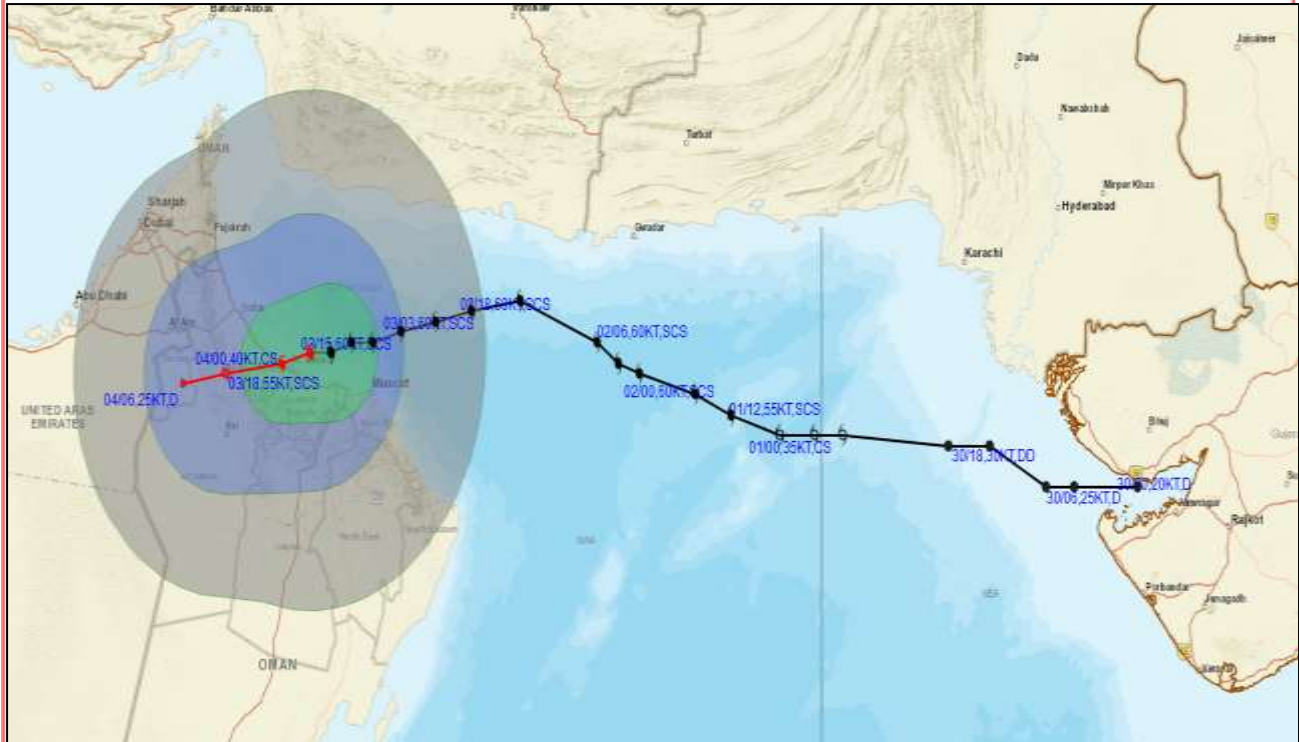
The next bulletin will be issued at 0230 hrs IST of 4th October, 2021.

(D.R. Pattanaik)
Scientist-F, RSMC, New Delhi

Copy to: ACWC Mumbai/ CWC Ahmedabadr/MC Goa/CWC Thiruvanathapuram



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "SHAHEEN" OVER GULF OF OMAN AND NEIGHBOURHOOD BASED ON 1500 UTC OF 3RD OCTOBER, 2021



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 (≥ 120 KT)

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY
- AREA OF MAXIMUM SUSTAINED WIND SPEED:
- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "SHAHEEN" OVER GULF OF OMAN AND NEIGHBOURHOOD BASED ON 1500 UTC OF 3RD OCTOBER, 2021



DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
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 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
 SuCS: SUPER CYCLONIC STORM (\geq 120 KT)

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 ○ 34.47 KT
 ● \geq 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 ▲ CONE OF UNCERTAINTY
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