



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

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Sub: Cyclonic Storm 'Shaheen' over north Oman and adjoining United Arab Emirates

The **Severe Cyclonic Storm 'Shaheen'** over north coastal Oman continued to move west-southwestwards with a speed of about 09 kmph during past 6 hours, weakened into a **Cyclonic Storm** and lay centred at 0530 hrs IST of today, the 4th October, 2021 over north Oman and adjoining United Arab Emirates (UAE), near latitude 23.7°N and longitude 56.8°E, about 160 km nearly west of Muscat (Oman).

It is very likely to move west-southwestwards and weaken into a Deep Depression during next 06 hours and further weaken into a Depression during subsequent 06 hours.

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
04.10.21/0530	23.7/56.8	70-80 gusting to 90	Cyclonic Storm
04.10.21/1130	23.5/56.2	50-60 gusting to 70	Deep Depression
04.10.21/1730	23.3/55.6	35-45 gusting to 55	Depression

Warnings:

(i) Wind warning

- Gale wind speed reaching 70-80 kmph gusting to 90 kmph over north Oman and adjoining United Arab Emirates during next 06 hours and gradually reduce becoming 50-60 kmph gusting to 70 kmph for subsequent 06 hours and reduce substantially thereafter.

(ii) Sea condition

- Sea condition will be high over Gulf of Oman and along & off north Oman coast during next 03 hours. It would be rough to very rough over north Oman coast and adjoining Gulf of Oman for subsequent 06 hours and improve substantially thereafter.

(iii) Fishermen Warning

- Fishermen are advised not to venture into Gulf of Oman and along & off north Oman coast during next 12 hours.

(iv) EXPECTED IMPACT & ACTION SUGGESTED

- Fishermen as well as Mariners are advised to avoid the Sea areas comprising Gulf of Oman and along & off north Oman coast during next 12 hours.

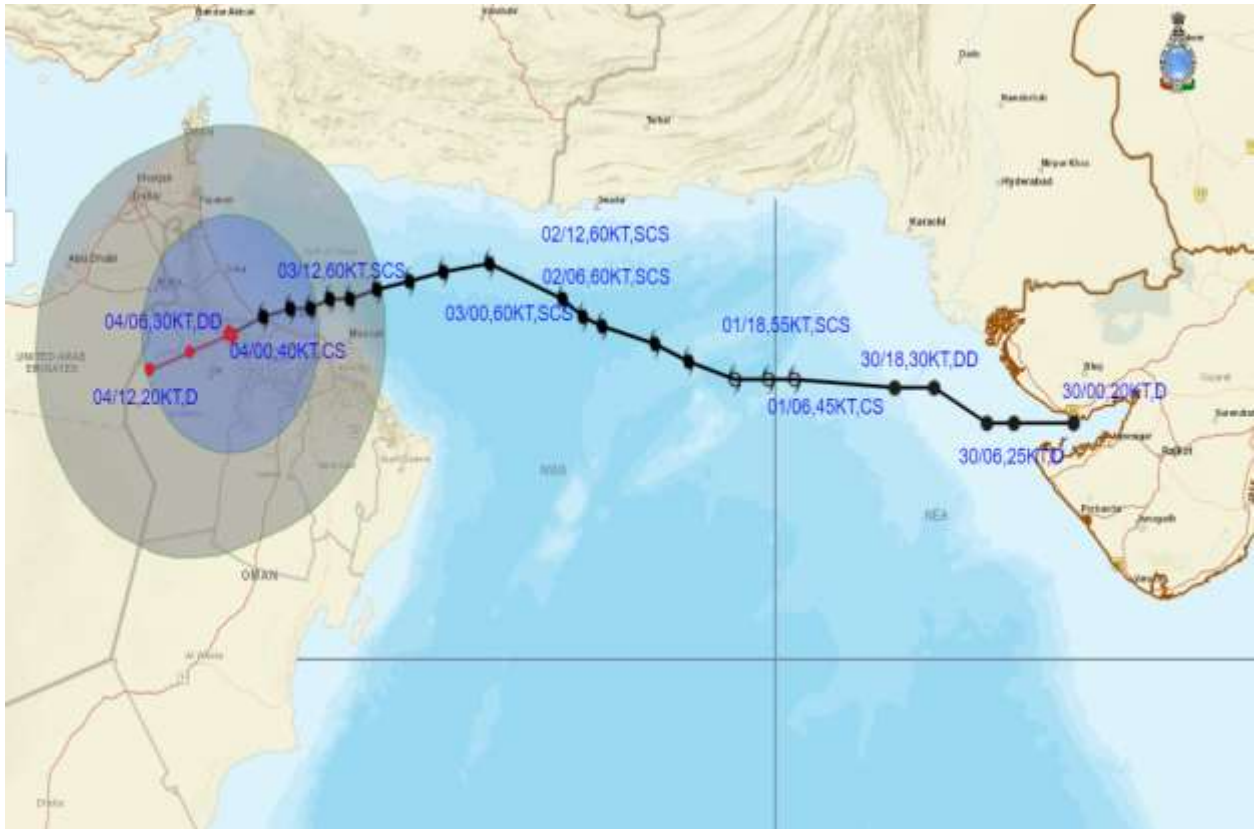
The next bulletin will be issued at 1130 hrs IST of 4th October, 2021.

(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 CYCLONIC STORM "SHAHEEN" OVER NORTH OMAN AND ADJOINING UNITED ARAB EMIRATES BASED ON 0000 UTC OF 4th 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 CYCLONIC STORM "SHAHEEN" OVER NORTH OMAN AND ADJOINING UNITED ARAB EMIRATES BASED ON 0000 UTC OF 4th OCTOBER, 2021



DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
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 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSXS: 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
 AREA OF MAXIMUM SUSTAINED WIND SPEED:
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