



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

**BULLETIN NUMBER: 25 (AS/02/2021)**

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**DATED: 03.10.2021**

**FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)**

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**Sub: Severe Cyclonic Storm 'Shaheen' over Gulf of Oman & adjoining northwest Arabian Sea**

The **Severe Cyclonic Storm 'Shaheen'** over Gulf of Oman & adjoining northwest Arabian Sea moved west-southwestwards with a speed of about 12 kmph, during past 6 hours, lay centred at 1430 hrs IST of today, the 3<sup>rd</sup> October, 2021 over Gulf of Oman & adjoining northwest Arabian Sea, near latitude 24.1°N and longitude 58.3°E, about 1120 km west-northwest of Devbhoomi Dwarka (Gujarat), 270 km west-southwest of Chabahar Port (Iran) and 50 km north-northwest of Muscat (Oman).

The system is very likely to continue to move west-southwestwards towards Oman coast and weaken gradually. It 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 4<sup>th</sup> October 2021, as a Severe Cyclonic Storm with a maximum sustained wind speed of 90 – 100 kmph gusting to 110 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
03.10.21/1430	24.1/58.3	115-125 gusting to 135	Severe Cyclonic Storm
03.10.21/1730	24.0/57.9	105-115 gusting to 125	Severe Cyclonic Storm
03.10.21/2330	23.9/57.3	95-105 gusting to 115	Severe Cyclonic Storm
04.10.21/0530	23.8/56.5	60-70 gusting to 80	Cyclonic Storm
04.10.21/1130	23.7/55.9	45-55 gusting to 65	Depression

**Warnings:**

**(i) Wind warning**

- Gale wind speed reaching 115-125 kmph gusting to 135 kmph likely to prevail over Gulf of Oman and adjoining northwest Arabian Sea during next 06 hours. It would gradually decrease becoming 95 - 105 Kmph gusting to 115 Kmph over Gulf of Oman from the night of today, the 03<sup>rd</sup> Oct., reduce further becoming 60-70 kmph gusting to 80 kmph over north coastal Oman and adjoining Gulf of Oman from the early morning of 04<sup>th</sup> Oct. and reduce substantially thereafter.

**(ii) Sea condition**

- Sea condition will be high to very high over Gulf of Oman and adjoining northwest Arabian Sea till mid-night of today, the 03<sup>rd</sup> Oct. It would be high to very high over Gulf of Oman & adjoining north coastal Oman from early hours of 4<sup>th</sup> 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 4<sup>th</sup> 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, adjoining northwest Arabian Sea and along & off north Oman coast till 4<sup>th</sup> October morning.

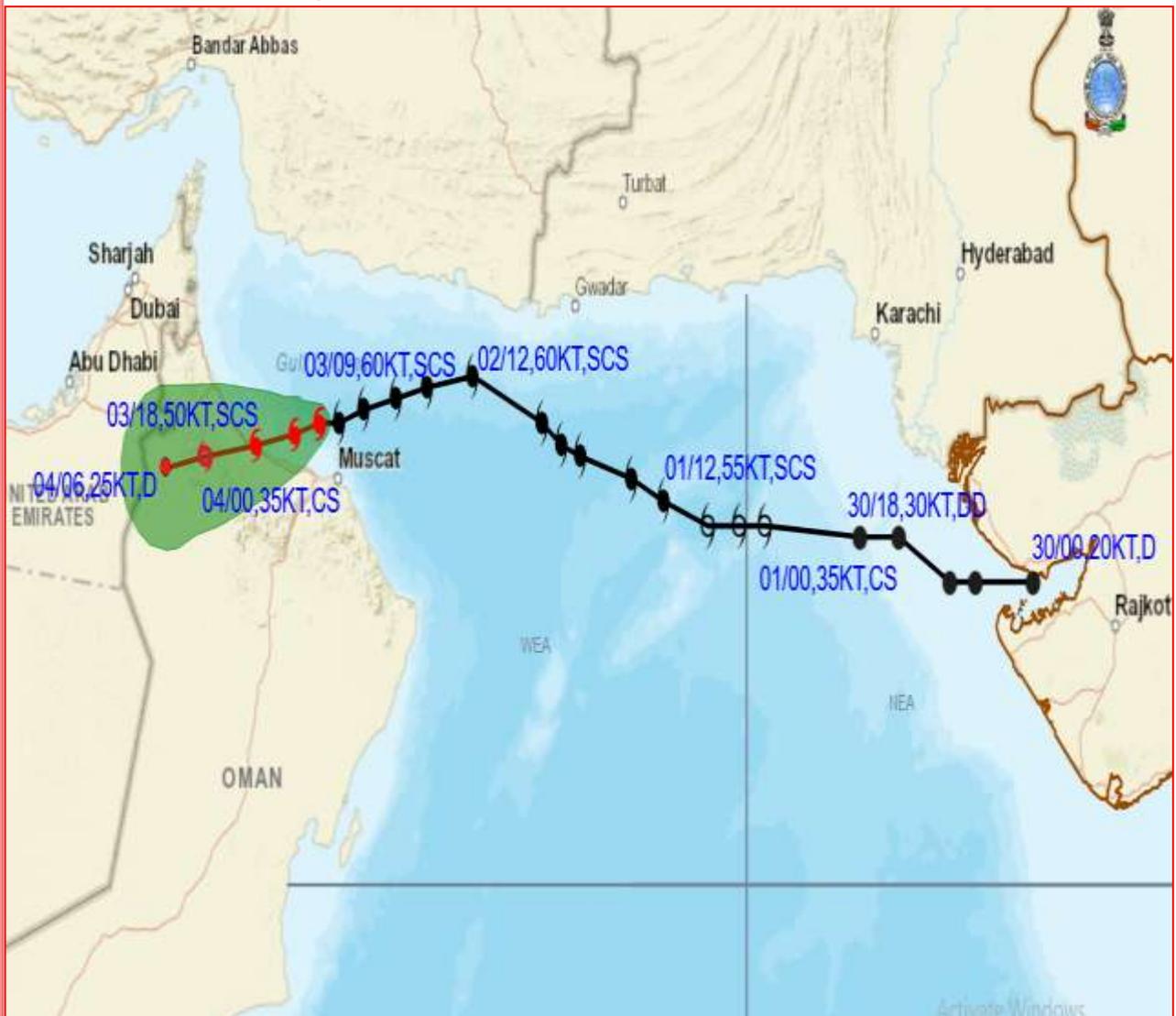
The next bulletin will be issued at 2030 hrs IST of 3<sup>rd</sup> October, 2021.

**(Sunitha Devi. S)**  
**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 ADJOINING NORTHWEST ARABIAN SEA BASED ON 0900 UTC OF 3<sup>RD</sup> 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)

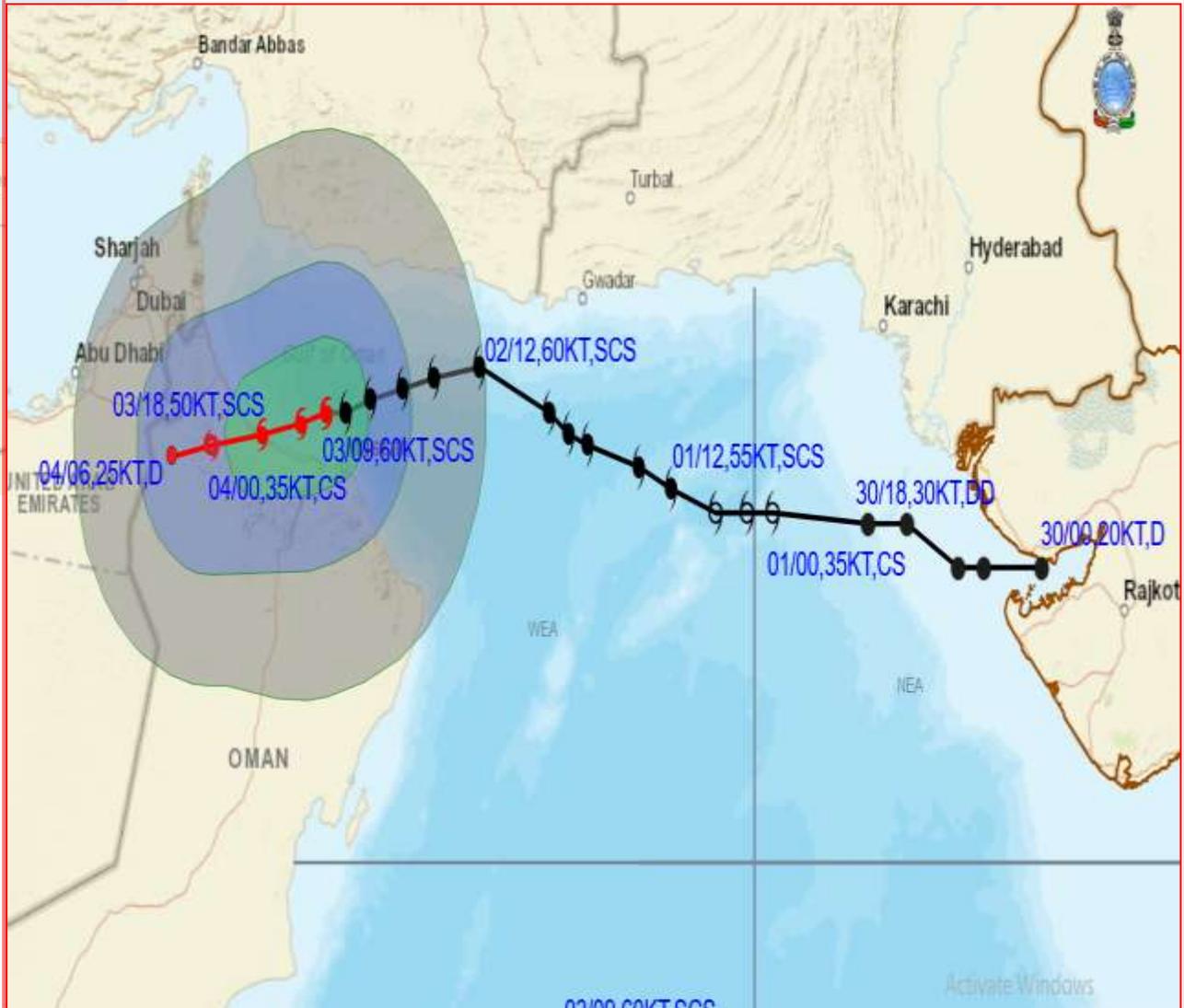
● LESS THAN 34 KT  
 ○ 34-47 KT  
 ⊙ ≥ 48 KT  
 — OBSERVED TRACK  
 — FORECAST TRACK  
 ▲ CONE OF UNCERTAINTY  
 AREA OF MAXIMUM SUSTAINED WIND SPEED:  
 ■ 28-33 KT (52-61 KMPH)  
 ■ 34-49 KT (62-91 KMPH)  
 ■ 50-63 KT (92-117 KMPH)  
 ■ ≥ 64 KT (≥118 KMPH)

**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



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