



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

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TIME OF ISSUE: 1245 HOURS IST

DATED: 04.10.2021

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

**TO: CONTROL ROOM, NDM, MINISTRY OF HOME AFFAIRS (FAX.NO. 23093750)
CONTROL ROOM NDMA (FAX.NO. 26701729)
CABINET SECRETARIAT (FAX.NO.23012284, 23018638)
PS TO HON'BLE MINISTER FOR S & T AND EARTH SCIENCES (FAX NO.23316745)
SECRETARY, MOES, (FAX NO. 24629777)
H.Q. (INTEGRATED DEFENCE STAFF AND CDS) (FAX NO. 23005137/23005147)
DIRECTOR GENERAL, DOORDARSHAN (23385843)
DIRECTOR GENERAL, AIR (23421105, 23421219)
PIB MOES (FAX NO. 23389042)
UNI (FAX NO. 23355841)
D.G. NATIONAL DISASTER RESPONSE FORCE (NDRF) (FAX NO. 26105912, 2436 3260)
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CHIEF SECRETARY, MAHARASHTRA (FAX NO 022-22028594)
CHIEF SECRETARY, GUJARAT (FAX NO 079-23250305)
CHIEF SECRETARY, DAMAN,DIU,DADRA & NAGAR HAVELI (FAX NO 0260-2230775)
CHIEF SECRETARY, GOA (FAX NO 0832-2415201)
CHIEF SECRETARY, KARNATAKA (FAX NO 080-22258913)
CHIEF SECRETARY, KERALA (FAX NO 0471-2327176)
ADMINISTRATOR, LAKSHADWEEP (FAX NO 0260-2230775)**

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

The **Severe Cyclonic Storm 'Shaheen'** over Gulf of Oman & neighbourhood continued to move west-southwestwards with a speed of about 11 kmph and weakened slightly during past 6 hours. It lay centred at 2330 hrs IST of today, the 3rd October, 2021 over Gulf of Oman & adjoining Oman coast, near latitude 23.9°N and longitude 57.3°E, close to Oman coast and about 370 km west-southwest of Chabahar Port (Iran) and 120 km west-northwest of Muscat (Oman).

Latest observations indicate that the system is crossing the Oman coast near latitude 23.9 °N and longitude 57.3 °E, about 120 km west-northwest of Muscat (Oman) as a Severe Cyclonic Storm with a maximum sustained wind speed of 95-105 kmph gusting to 115 kmph. Landfall process will be completed during next 02 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
03.10.21/2330	23.9/57.3	95-105 gusting to 115	Severe Cyclonic Storm
04.10.21/0530	23.8/56.5	65-75 gusting to 85	Cyclonic Storm
04.10.21/1130	23.7/55.9	45-55 gusting to 65	Depression

Warnings:

(i) Wind warning

(ii) Gale wind speed reaching 95-105 kmph gusting to 115 kmph likely to prevail over Gulf of Oman and neighbourhood during next 03 hours. It would gradually decrease becoming 65-75 kmph gusting to 85 kmph over north coastal Oman and adjoining Gulf of Oman by early morning of 04th Oct. and 45-55 kmph gusting to 65 kmph by forenoon of 04th Oct.

(iii) Sea condition

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

(iii) Fishermen Warning

- Fishermen are advised not to venture into Gulf of Oman and along & off north Oman coast till 4th October forenoon.

(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 till 4th October forenoon.

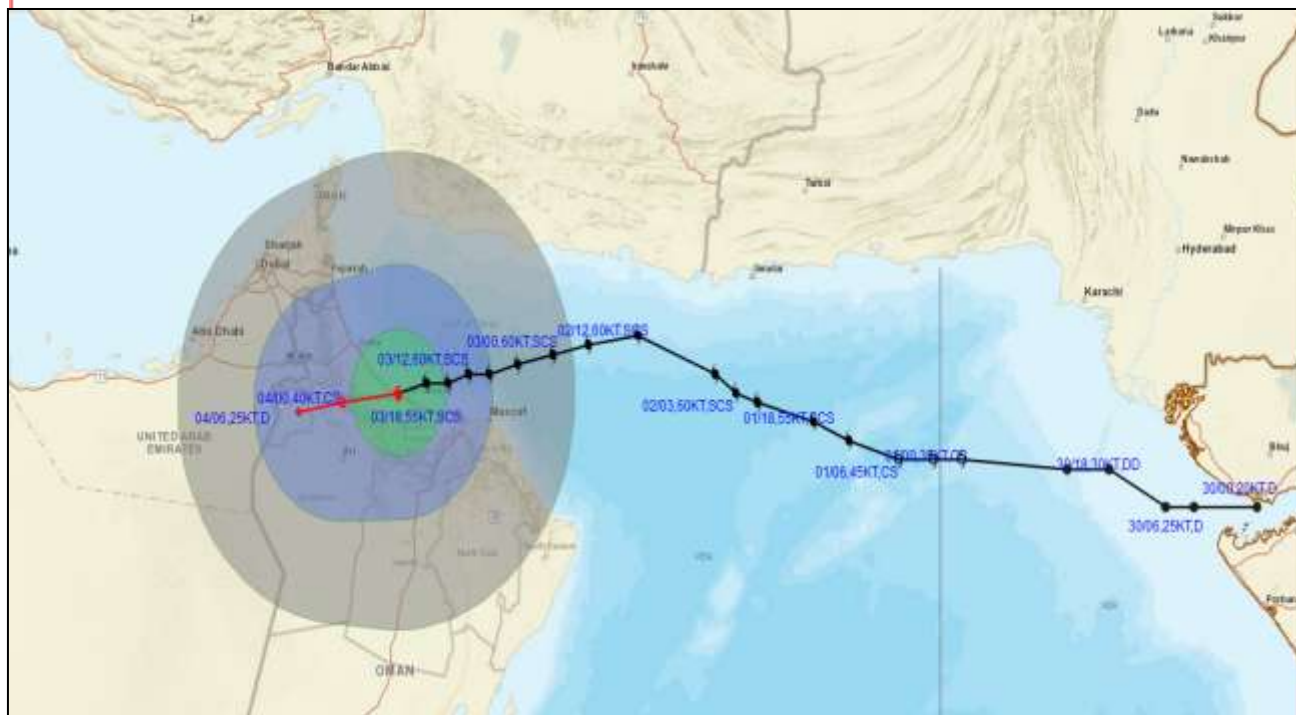
The next bulletin will be issued at 0530 hrs IST of 4th October, 2021.

(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 ADJOINING OMAN COAST BASED ON 1800 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 ADJOINING OMAN COAST BASED ON 1800 UTC OF 3RD OCTOBER, 2021



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SAT: INSAT-3D IMG
IMG_TIR1_TEMP 10.8 um
ARABIAN SEA

03-10-2021(1630 to 1656) GMT
03-10-2021(2200 to 2226) IST

