



#### **PRESS RELEASE - 6**

Time of issue: 1420 hours IST Dated: 04-10-2021

Sub: Severe Cyclonic Storm 'Shaheen' crossed Oman coast and weakened into a depression over north Oman and adjoining United Arab Emirates

The remnant of cyclonic storm "Gulab" over the Bay of Bengal after moving across India emerged into Gulf of Khambat as a well marked low pressure area in the morning (0830 hours IST) of 29<sup>th</sup> October, 2021. It moved west-northwestwards and intensified into a depression over northeast Arabian Sea and adjoining Gulf of Kutch in the early morning (0530 hours IST) of 30<sup>th</sup> September, into a deep depression over northeast Arabian Sea around midnight (2330 hours IST) of 30<sup>th</sup>, into the Cyclonic Storm "**Shaheen**" over northeast Arabian Sea in the early morning (0530 hours IST) and into a Severe Cyclonic Storm over northwest Arabian Sea in the evening (1730 hours IST) of 1st October, 2021. It continued to move further west-northwestwards until the mid-night of 2<sup>nd</sup> October 2021. Thereafter, it moved westwards for some time and re-curved west-southwestwards from the early morning (0530 hours IST) of 3<sup>rd</sup> October.

Continuing to move further west-southwestwards, it crossed Oman coast during 0030 & 0130 hours IST of today, the 4<sup>th</sup> October, 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. It further moved west-southwestwards, weakened into a cyclonic storm over north Oman and adjoining United Arab Emirates (UAE) in the early morning (0530 hours IST) and into a deep depression over the same region in the morning (0830 hours IST) of today. Continuing to move further west-southwestwards, it weakened into a Depression at 1130 hrs IST of today, the 4<sup>th</sup> October, 2021 over north Oman and adjoining United Arab Emirates (UAE), near latitude 23.3°N and longitude 56.0°E, about 250 km west-southwest of Muscat (Oman). It is very likely to move west-southwestwards and weaken into a Well Marked Low Pressure area during next 06 hours.

#### Warnings:

# (i) Wind warning

 Squally wind speed reaching 45-55 kmph gusting to 65 kmph over north Oman and adjoining United Arab Emirates during next 06 hours and gradually reduce becoming 30-40 kmph gusting to 50 kmph from today evening during the subsequent 06 hours.

### (ii) Sea condition

Sea condition will be rough to very rough along & off north Oman coast during next 06 hours. It would improve gradually thereafter.

# (iii) Fishermen Warning

 Fishermen are advised not to venture into Gulf of Oman and along & off north Oman coast during next 06 hours.

This is last the Press Release in association with this system.

Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%



OBSERVED AND FORECAST TRACK OF DEPRESSION (REMNANT OF CYCLONIC STORM "SHAHEEN") OVER NORTH OMAN AND ADJOINING UNITED ARAB EMIRATES (UAE) BASED ON 0600 UTC OF 4<sup>th</sup> OCTOBER, 2021



DATE/TIME IN UTC IST=UTC + 0530

L: LOW PRESSURE AREA

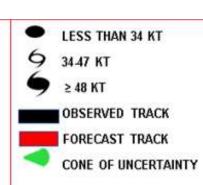
WML: WELL MARKED LOW PRESSURE AREA

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 (2 120 KT)



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SAT : INSAT-3D IMG IMG\_TIR1\_TEMP 10.8 um 04-10-2021/(0700 to 0726) GMT 04-10-2021/(1230 to 1256) IST



