



**REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI TROPICAL  
SPECIAL TROPICAL WEATHER OUTLOOK**

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**DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 04.10.2021**

**SPECIAL TROPICAL WEATHER OUTLOOK FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 0900 UTC OF 04.10.2021 BASED ON 0600 UTC OF 04.10.2021.**

**SUB: DEEP DEPRESSION (REMNANT OF CYCLONIC STORM SHAHEEN) WEAKENED INTO DEPRESSION OVER NORTH OMAN AND ADJOINING UNITED ARAB EMIRATES**

THE DEEP DEPRESSION OVER NORTH OMAN AND ADJOINING UNITED ARAB EMIRATES (UAE) CONTINUED TO MOVE WEST-SOUTHWESTWARDS WITH A SPEED OF ABOUT 15 KMPH DURING PAST SIX HOURS, WEAKENED INTO A DEPRESSION AND LAY CENTRED AT 0600 UTC OF TODAY, THE 4<sup>TH</sup> OCTOBER, 2021 OVER THE SAME REGION NEAR LATITUDE 23.3°N AND LONGITUDE 56.0°E, ABOUT 250 KM WEST-SOUTHWEST OF MUSCAT (41278).

IT IS VERY LIKELY TO MOVE WEST-SOUTHWESTWARDS AND WEAKEN INTO A WELL MARKED LOW PRESSURE AREA DURING NEXT 06 HOURS.

AS PER INSAT-3D IMAGERY AT 0600 UTC, CLOUD MASS HAS FURTHER DISORGANISED. SCATTERED TO BROKEN LOW AND MEDIUM CLOUDS WITH EMBEDDED MODERATE TO INTENSE CONVECTION LAY OVER OMAN AND GULF OF OMAN. MINIMUM CLOUD TOP TEMPERATURE IS MINUS 58 DEG C.

THE ESTIMATED MAXIMUM SUSTAINED WIND SPEED IS 25 KNOTS GUSTING TO 35 KNOTS. THE SEA CONDITION IS ROUGH TO VERY ROUGH ALONG & OFF NORTH OMAN COAST DURING NEXT 06 HOURS. THE ESTIMATED CENTRAL PRESSURE IS 1000 HPA.

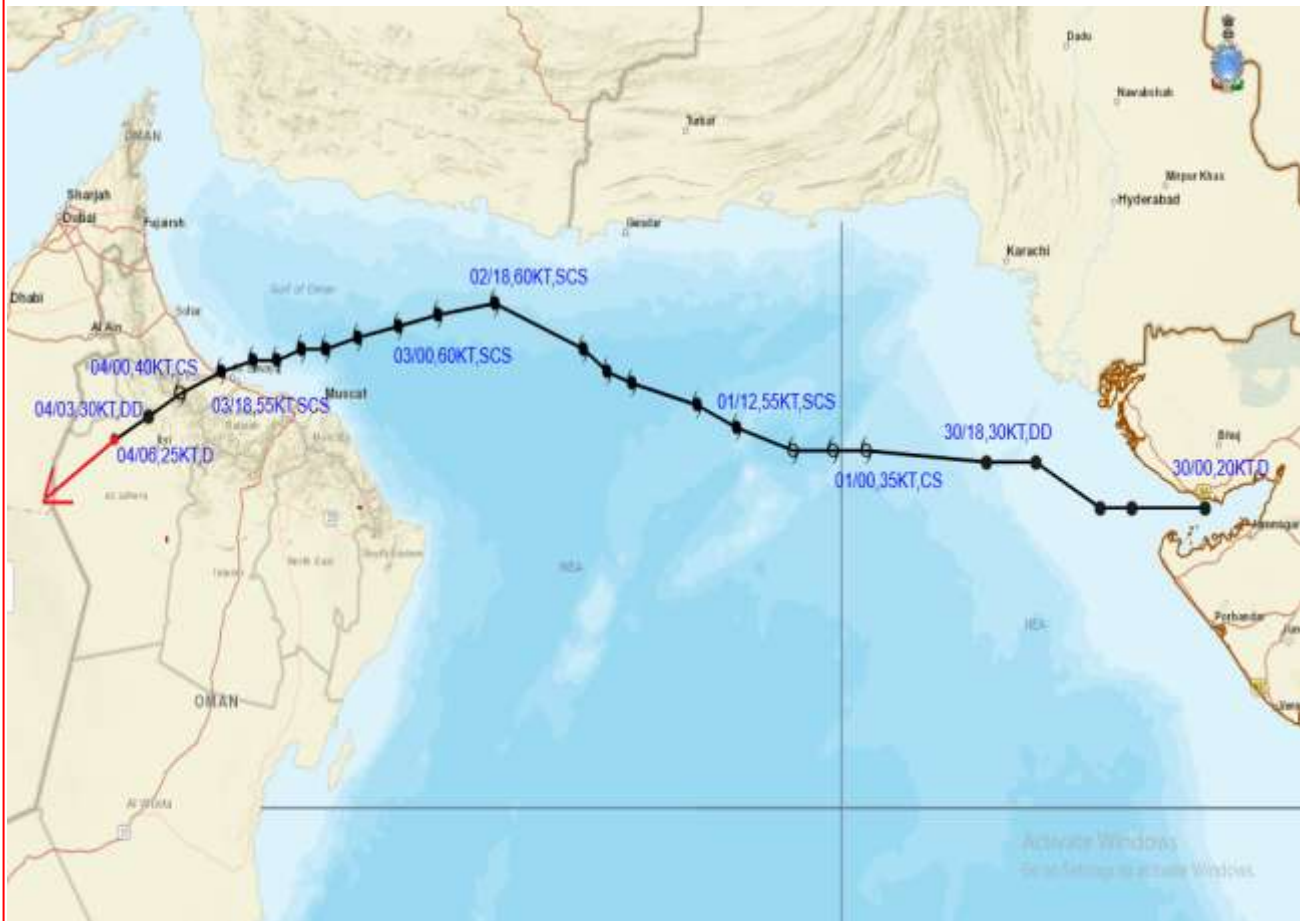
**REMARKS:**

THE SYSTEM IS VERY LIKELY TO MOVE WEST-SOUTHWESTWARDS AND WEAKEN INTO A WELL MARKED LOW PRESSURE AREA DURING NEXT 06 HOURS.

**(SUNITHA DEVI S.)  
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**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 ( $\geq$  120 KT)

- LESS THAN 34 KT
- 34.47 KT
- $\geq$  48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

