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 29th 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 30th September, into a deep depression over northeast Arabian Sea around midnight (2330 hours IST) of 30th, 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 2nd October 2021. Thereafter, it moved westwards for some time and re-curved west-southwestwards from the early morning (0530 hours IST) of 3rd October.

Continuing to move further west-southwestwards, it crossed Oman coast during 0030 & 0130 hours IST of today, the 4th 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 4th 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.
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 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 (48.43 KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ECS: EXTREMELY SEVERE CYCLONIC STORM (60-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

LESS THAN 34 KT
34.47 KT
≥ 48 KT
OBSERVED TRACK
FORECAST TRACK
CONE OF UNCERTAINTY

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Spatial rainfall distribution: Isolated: <25%, A few: 26-50%, Many: 51-75%, Most: 76-100%
Rainfall amount (mm): Heavy rain: 64.5 – 115.5, Very heavy rain: 115.6 – 204.4, Extremely heavy rain: 204.5 or more
Depression (Remnant of Cyclonic Storm-‘Shaheen’)

23.3°N/56.0°E