



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

BULLETIN NO.39: (ARB/01/2021)

TIME OF ISSUE: 1130 HOURS IST

DATED: 19.05.2021

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Subject: Depression (remnant of the Extremely Severe Cyclonic Storm "Tauktae") over southeast Rajasthan and neighbourhood

The **Depression (remnant of the Extremely Severe Cyclonic Storm "Tauktae") over south Rajasthan and adjoining Gujarat region** moved northeastwards with a speed of about 16 kmph during past 06 hours, and lay centred at 0830 hours IST of today, the 19th May, 2021 near latitude 24.9°N and longitude 73.7°E over **southeast Rajasthan and neighbourhood**, about 30 km south-southwest of Udaipur (Rajasthan) and 170 km east-northeast of Deesa (Gujarat region).It is very likely to move northeastwards and weaken gradually into a Well Marked Low pressure area during next 12 hours. The remnant of the system is very likely to move further northeastwards across Rajasthan to Uttar Pradesh during the next two days.

Warnings:

(i) Rainfall:

- Light to moderate rainfall at most places with heavy to very heavy falls at isolated places very likely over East Rajasthan on 19th May.
- The interaction of the remnant low pressure system with a trough in westerlies associated with a Western Disturbance is very likely to cause light to moderate rainfall at most places with heavy to very heavy falls and extremely heavy falls at isolated places over Uttarakhand , heavy to very heavy rainfall at isolated places over Himachal Pradesh, Haryana, West Uttar Pradesh and Heavy rainfall at isolated places over Punjab, East Uttar Pradesh, north Madhya Pradesh and West Rajasthan during next 24 hours.

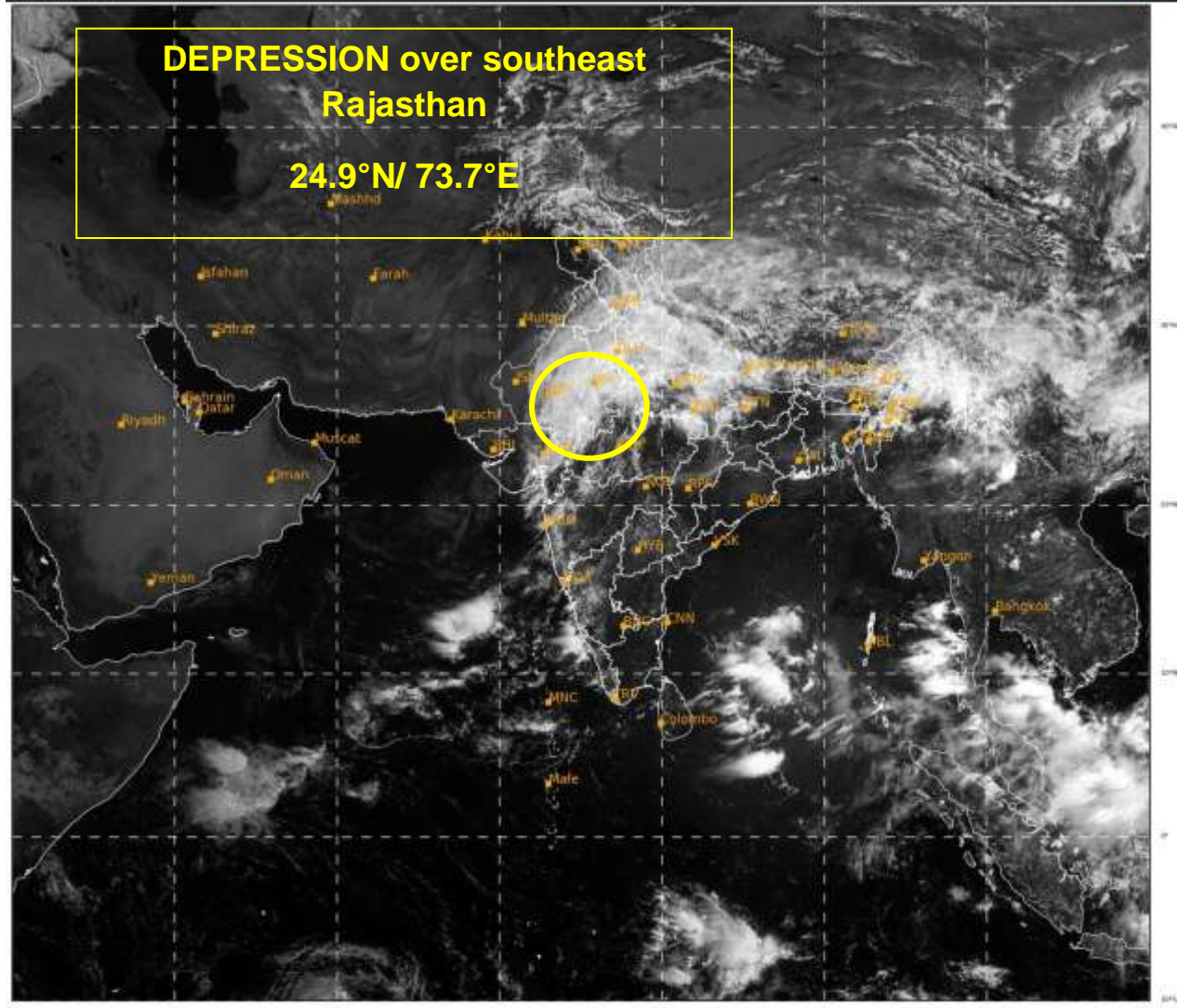
(ii) Wind warning

- Squally wind speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over East Rajasthan and adjoining west Madhya Pradesh during next 12 hours.

The next bulletin will be issued at 1430 hrs IST of 19th May, 2021.

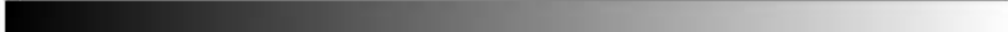
**(Sunitha Devi. S)
Scientist-F, RSMC, New Delhi**

Copy to: MC Jaipur /ACWC Mumbai /CWC Ahmedabad.



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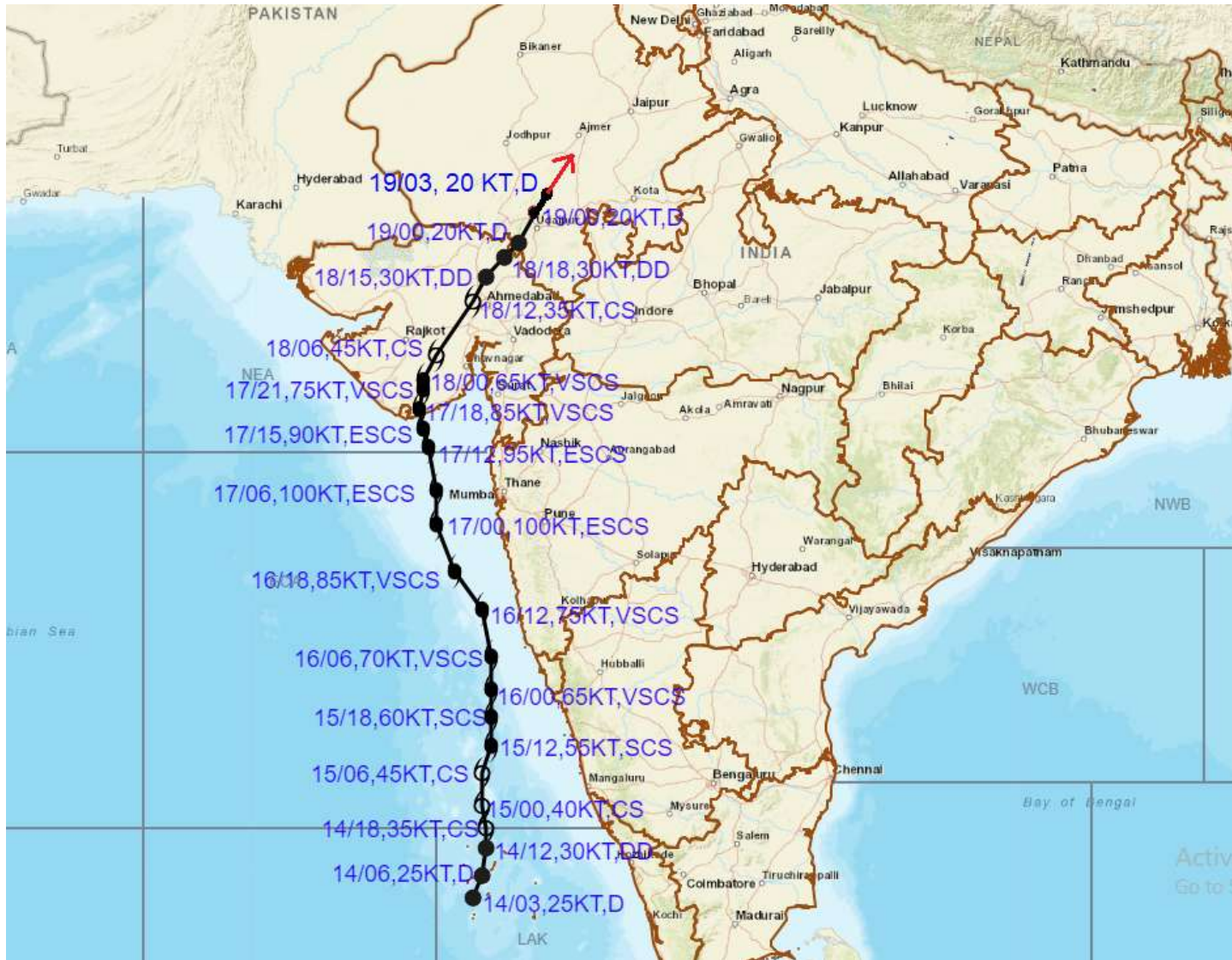
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IMD, DELHI



OBSERVED AND FORECAST TRACK OF DEPRESSION (REMNANT OF "TAUKTAE") OVER SOUTHEAST RAJASTHAN BASED ON 0300 UTC OF 19TH MAY, 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