



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

BULLETIN NO. : 31 (BOB/02/2021)

TIME OF ISSUE: 2000 HOURS IST

DATED: 27.05.2021

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

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Sub: Depression (Remnant of 'YAAS') over Jharkhand and adjoining Bihar

The Depression (Remnant of Very Severe Cyclonic Storm 'YAAS') over central parts of Jharkhand moved nearly northwards with a speed of about 21 kmph during past 6 hours, and lay centred at 1730 hrs IST of today, the 27th May, 2021 over Jharkhand and adjoining Bihar near latitude 24.3°N and longitude 85.2°E, about and 100 km north of Ranchi (Jharkhand) and 150 km south of Patna.

The system is very likely to move nearly northwards and weaken into a Well Marked Low pressure area during next 12 hours.

Warnings:

(i) Rainfall:

Jharkhand: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 27th May.

Odisha: Light to moderate rainfall at most places with heavy rains at isolated places over north interior Odisha on 27th May.

North Chhattisgarh: Light to moderate rainfall at most places with heavy rains at isolated places on 27th May.

West Bengal & Sikkim: Light to moderate rainfall at most places with heavy to very rainfall and extremely heavy rainfall at isolated places over Sub-Himalayan West Bengal & Sikkim on 27th & isolated heavy to very heavy on 28th May and isolated heavy to very heavy over Gangetic West Bengal on 27th May.

Assam & Meghalaya: Light to moderate rainfall at most places with heavy to very rainfall at isolated places over west Assam on 27th May.

Bihar: Light to moderate rainfall at many places with heavy to very heavy rainfall & extremely heavy rainfall at isolated places on 27th and heavy to very heavy rainfall at isolated places on 28th May.

East Uttar Pradesh: Light to moderate rainfall at many places with heavy to very heavy rainfall & extremely heavy rainfall at isolated places on 27th and heavy to very heavy rainfall at isolated places on 28th May.

(ii) Wind warning:

- Squally wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Jharkhand, Bihar, West Bengal and Sikkim during next 12 hours and decrease gradually thereafter.

(iii) Damage expected & action suggested for Jharkhand and adjoining areas during next 12 hours:

- Minor damage to thatched houses/ huts.
- Minor damage to power and communication lines.
- Minor damage to Kutcha and some damage to Pucca roads.
- Breaking of tree branches. Damage to banana and papaya trees.
- Localized inundation in low lying areas due to heavy rain.

The next bulletin will be issued at 0230 hrs IST of today, the 28th May, 2021.

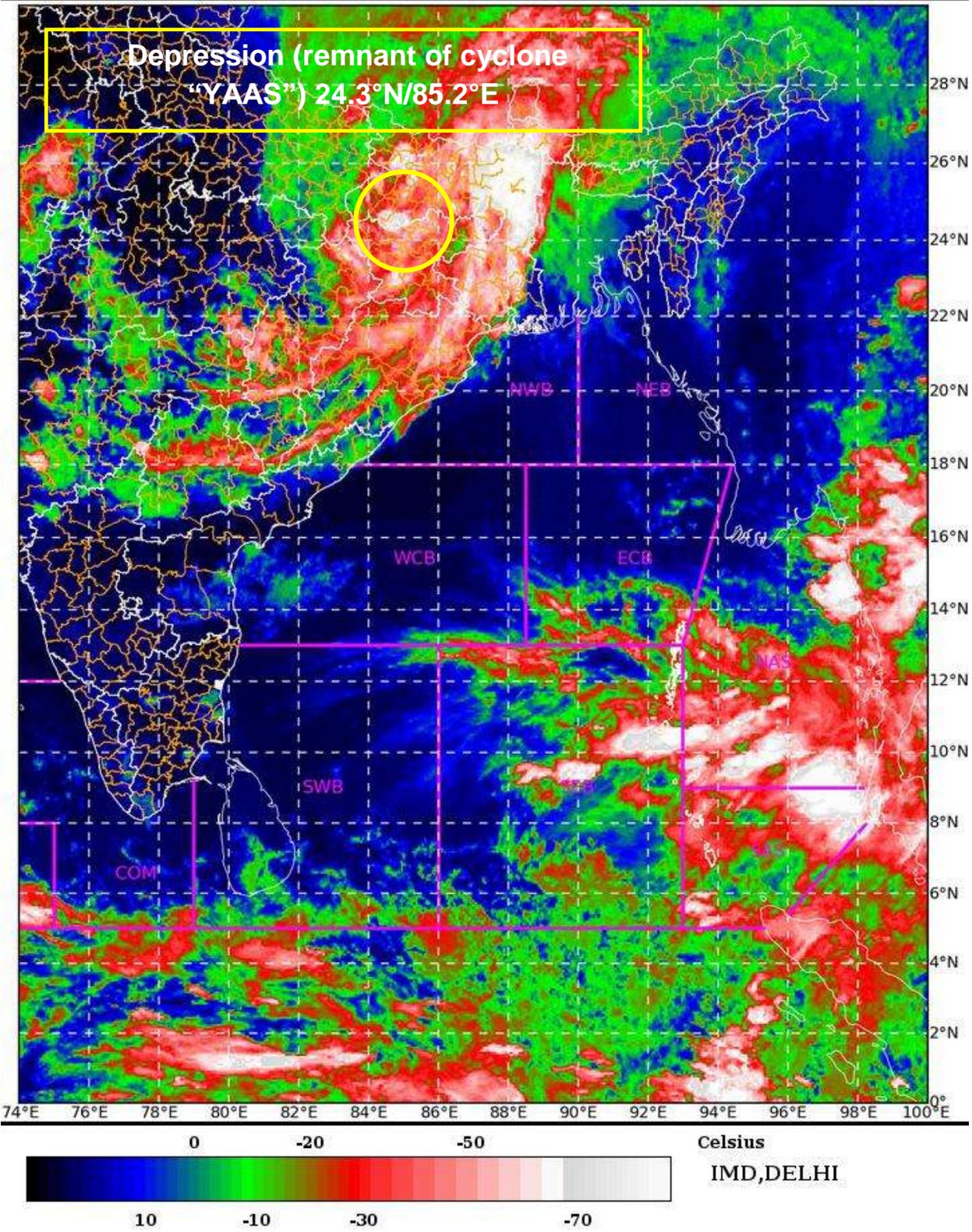
(RK Jenamani)
Scientist-F, RSMC, New Delhi

Copy to: ACWC Kolkata/ CWC Bhubaneswar/MC Ranchi/MC Patna/MC Lucknow/RMC Guwahati/MC Raipur

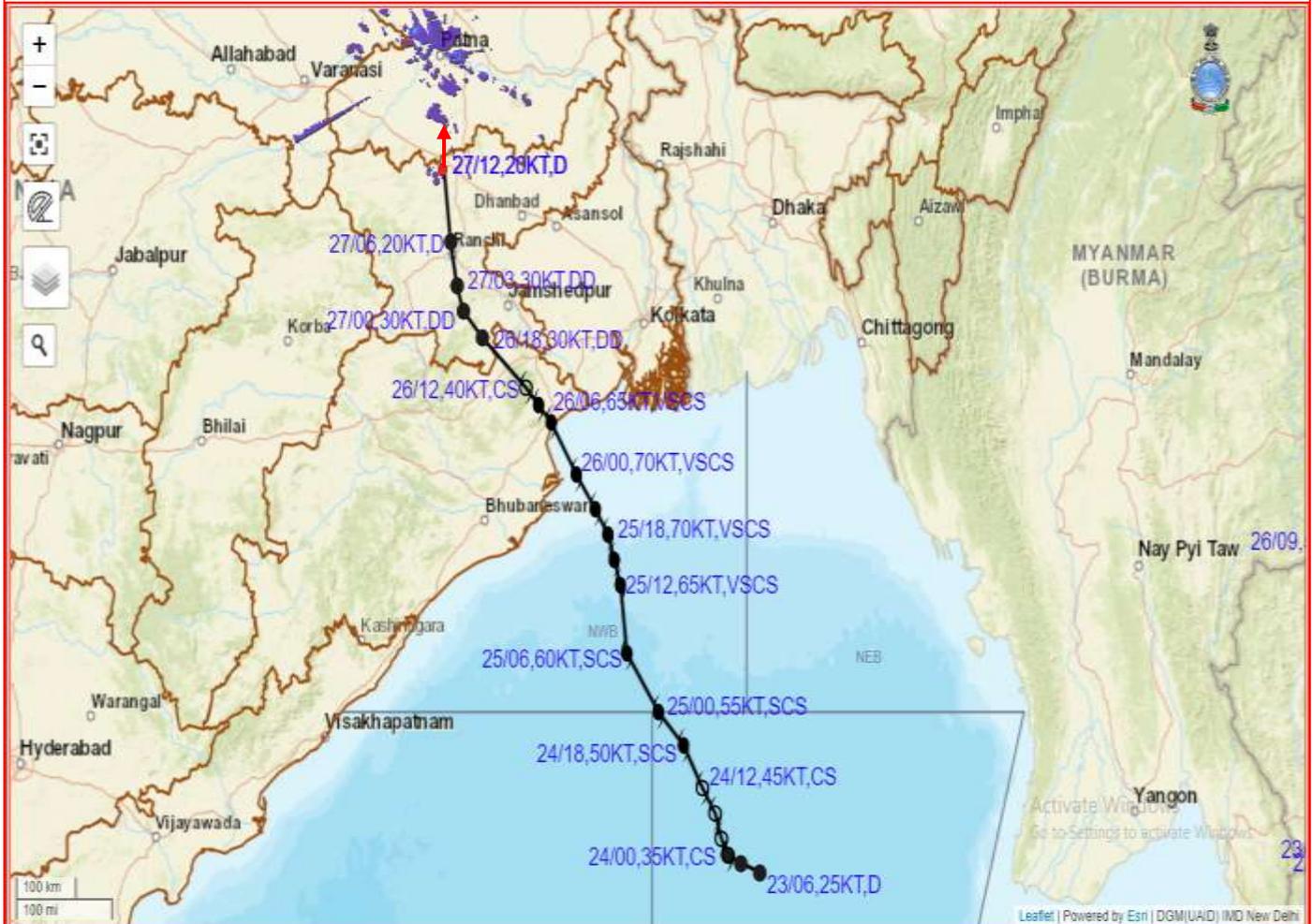
SAT : INSAT-3D IMG 27-05-2021/(1330 to 1356) GMT

IMG_TIR1_TEMP 10.8 um 27-05-2021/(1900 to 1926) IST

L1C Mercator



OBSERVED AND FORECAST TRACK OF DEPRESSION (REMNANT OF VERY SEVERE CYCLONIC STORM "YAAS") OVER JHARKHAND AND ADJOINING BIHAR BASED ON 1200 UTC OF 27th 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 (≥ 20 KT)

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY