

India Meteorological Department (Ministry of Earth Sciences)

BULLETIN NO. : 28(BOB/02/2021)

TIME OF ISSUE: 0745 HOURS IST

DATED: 27.05.2021

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

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Sub: Deep Depression over south Jharkhand and neighborhood

The **Deep Depression** over south Jharkhand and adjoining north interior Odisha moved northwestwards with a speed of about 07 kmph during past 6 hours and lay centred at 0530 hrs IST of today, the 27th May, 2021 over south Jharkhand and neighbourhood, near latitude 22.7°N and longitude 85.5°E, about 70km west-southwest of Jamshedpur and 70 km south south-east of Ranchi.

The system is very likely to move nearly northwards and weaken gradually into a Depression during next 06 hours.

Warnings:

(i) Rainfall:

Odisha: Light to moderate rainfall at most places with heavy to very heavy rains at isolated places over Sundergarh, Deogarh and Keonjhargarh districts on 27th May.

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

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

Bihar and adjoining East Uttar Pradesh: Light to moderate rainfall at many places with heavy to very heavy rainfall from 27th evening to 28th evening.

(ii) Wind warning:

• Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail over south Jharkhand and adjoining districts of north interior Districts of Odisha and West Bengal during next 6 hours and decrease gradually thereafter.

Damage expected & action suggested for Jharkhand and adjoining north interior districts of Odisha during next 6 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.
- > Judicious regulation of rail and road traffic.

The next bulletin will be issued at 1130 hrs IST of today, the 27th May, 2021.

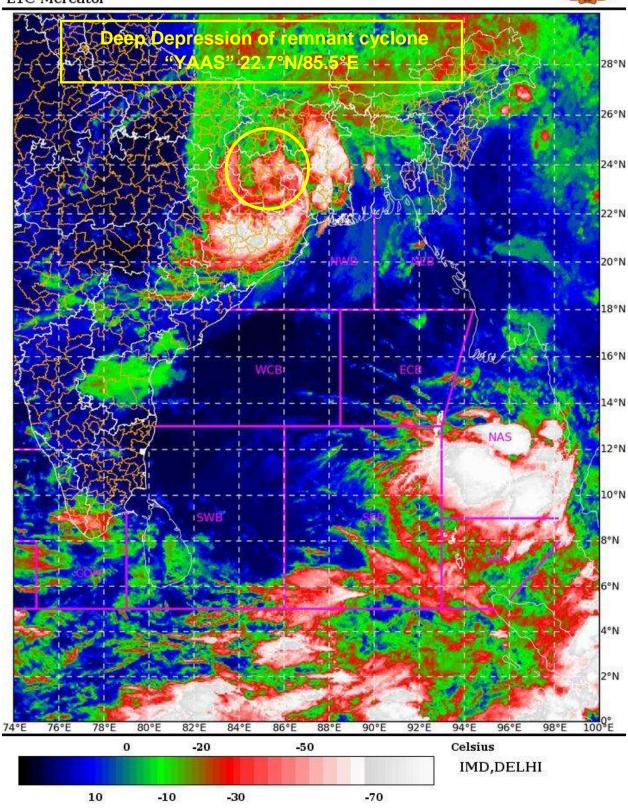
(D R Pattanaik) Scientist-F, RSMC, New Delhi

Copy to: ACWC Kolkata/ Chennai/ CWC Bhubaneswar/CWC Visakhapatnam

SAT : INSAT-3D IMG IMG_TIR1_TEMP 10.8 um 27-05-2021/(0100 to 0127) GMT 27-05-2021/(0630 to 0657) IST



L1C Mercator



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION (REMNANT OF VERY SEVERE CYCLONIC STORM "YAAS") OVER SOUTH JHARKHAND AND NEIGHBOURHOOD BASED ON 0000 UTC OF 27th MAY, 2021

Faridabad Barelly		
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Bhopal Jabalpur	2 7 Rangens 2	MYANMAR
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2 Nagpur Bhilai	2012,40KT,CS 9 26/09,50	
tola Amravati	26/06,65KT,VSCS 26/00,	70KT,VSCS
(se Zim	Ehubaneswa	18 TOKT VSCS
Jun 3 9	25/15 65KT VSCS	
5 10	Kastangara NW 25/	12,65KT,VSCS
15 31	25/06,60KT,SCS	NEB
Warangah	yisaknapatham	25/00,55KT,SCS
5 month	24/18,50KT,SQS	6 24/12,45KT,CS
Vijayawada		S Q 24/06,40K1,CS
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Colmbatore o Tiruchira palli		d Andaman Sea
DATE/TIME IN UTC		LESS THAN 34 KT
IST=UTC + 0530		6 3447 KT
L: LOW PRESSURE AREA ♦ ≥ 48 KT		
WML: WELL MARKED LOW PRESSURE AREA OBSERVED TRACK		
D: DEPRESSION (17-27 KT) DD: DEEP DEPRESSION (28-33 KT)		
CS: CYCLONIC STORM (34		AREA OF MAXIMUM SUSTAINED WIND SPEED:
SCS: SEVERE CYCLONIC S	STORM (48-63KT)	28-33 KT (52-61 KMPH)
VSCS: VERY SEVERE CYCLONIC STORM (64.89 KT) 34.49 KT (62.91 KMPH)		
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT) 50-63 KT (92-117 KMPH)		
SuCS: SUPER CYCLONIC STORM (≥ 120 KT) === ≥ 64 KT (≥118 KMPH)		
IMPACT OVER THE SEA		
MSW (knot/kmph)	Impact	Action
28-33 (52-61)	Very rough seas	Total suspension of fishing operations
34-49 (62-91)	High to very high seas	Total suspension of fishing operations
50-63 (92-117)	Very high seas	Total suspension of fishing operations

50-63 (92-117)Very high seasLotal suspension of fishing operations≥ 64 (≥118)PhenomenalTotal suspension of fishing operations

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