



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

HOURLY UPDATE ON CYCLONIC STORM 'YAAS'

BULLETIN NO. 28

DATE: 27-05-2021

TIME OF ISSUE: 0230 HRS IST

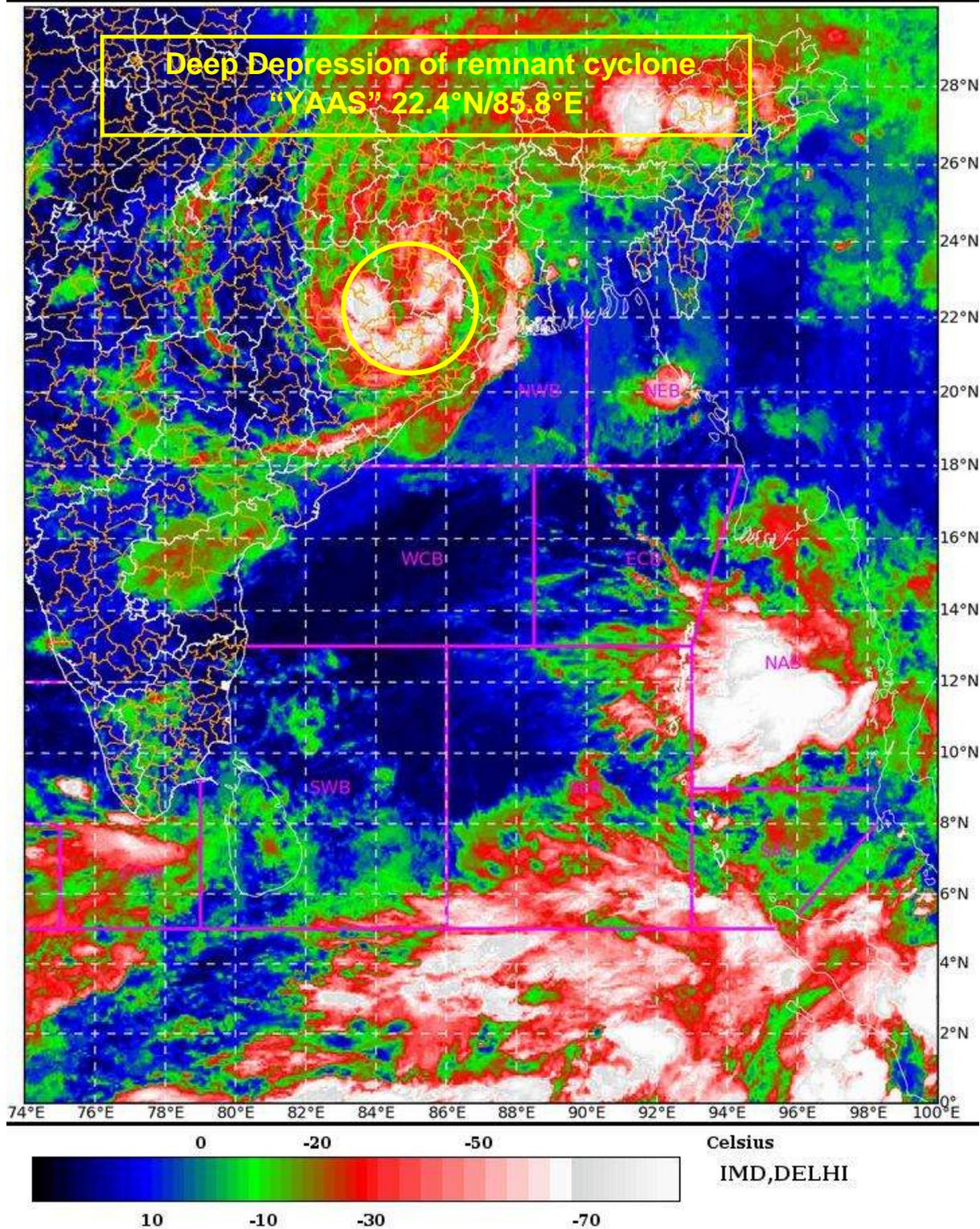
DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (2330 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') WEAKENED INTO A DEEP DEPRESSION AND LAY CENTRED AT 2330 HRS IST OF THE 26 TH MAY, 2021 OVER SOUTH JHARKHAND AND ADJOINING NORTH INTERIOR ODISHA NEAR LATITUDE 22.4°N AND LONGITUDE 85.8°E, ABOUT 60 KM WEST-SOUTHWEST OF JAMSHEDPUR AND 110 KM SOUTH SOUTH-EAST OF RANCHI.
CURRENT INTENSITY NEAR CENTRE	55-65 KMPH GUSTING TO 75 KMPH
PAST MOVEMENT	MOVED NORTHWESTWARDS WITH A SPEED OF ABOUT 13 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	THE SYSTEM IS VERY LIKELY TO MOVE FURTHER NORTHWESTWARDS AND WEAKEN GRADUALLY INTO A DEPRESSION DURING NEXT 12 HOURS.
FORECAST RAINFALL	ODISHA: LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINS AT A FEW PLACES OVER NORTH INTERIOR ODISHA DURING NEXT 12 HOURS. WEST BENGAL: LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINFALL AT ISOLATED PLACES OVER MEDINIPUR, JHARGRAM, BANKURA DURING NEXT 12 HOURS. JHARKHAND: LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINFALL AND EXTREMELY HEAVY FALLS AT ISOLATED PLACES DURING NEXT 24 HOURS.
FORECAST WIND SPEED (KMPH)	WIND SPEED WILL DECREASE GRADUALLY BECOMING 40-50 KMPH GUSTING TO 60 KMPH DURING 3 HOURS OVER SOUTH JHARKHAND AND ADJOINING NORTH ODISHA.

THIS IS THE LAST HOURLY BULLETIN OF THE CURRENT SYSTEM.HOWEVER, THE REGULAR BULLETINS WILL CONTINUE.

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



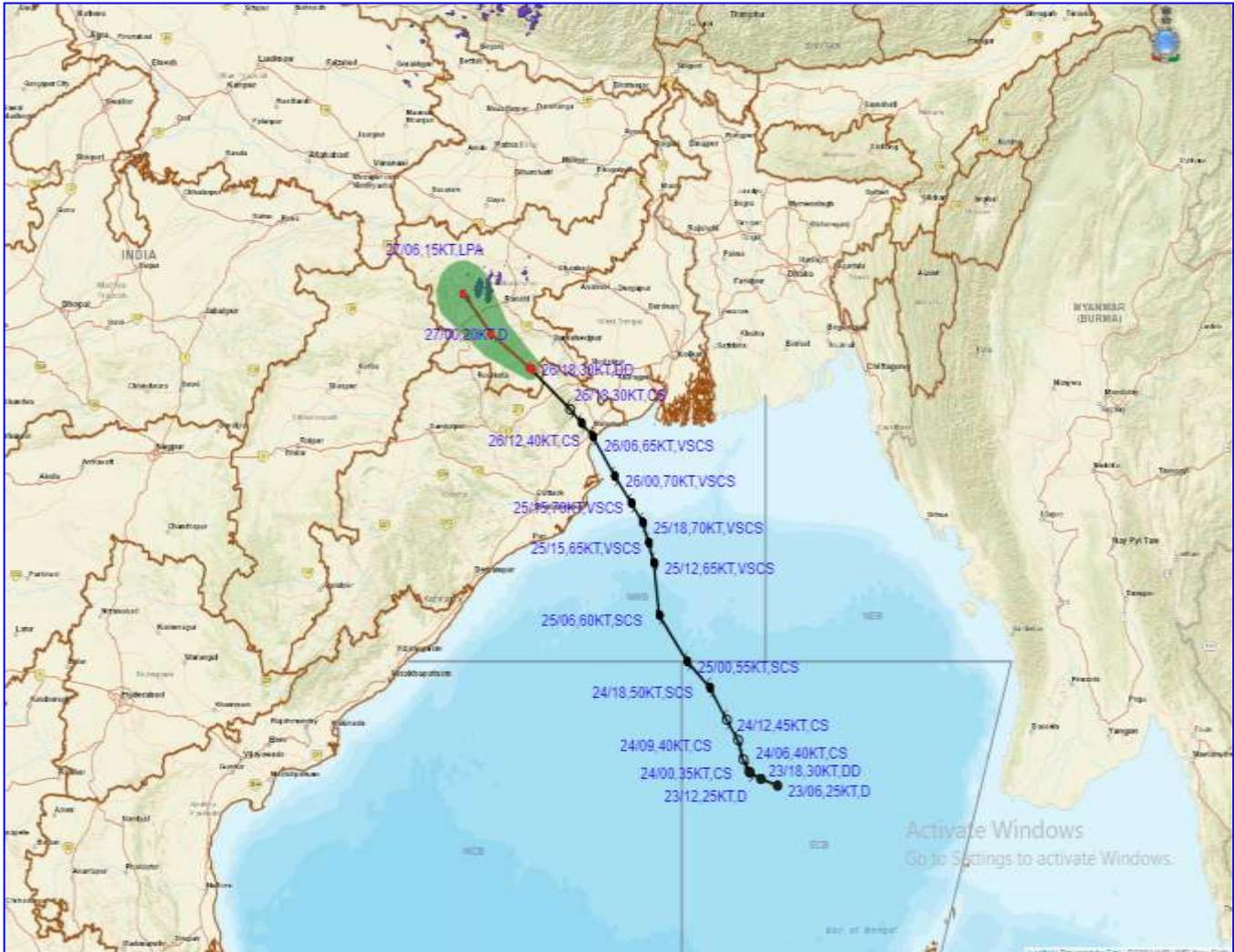
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nnai/ CWC Bhubaneswar/CWC Visakhapatnam



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION (REMNANT OF VERY SEVERE CYCLONIC STORM "YAAS") OVER SOUTH JHARKHAND AND ADJOINING NORTH INTERIOR ODISHA BASED ON 1800 UTC OF 26th 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

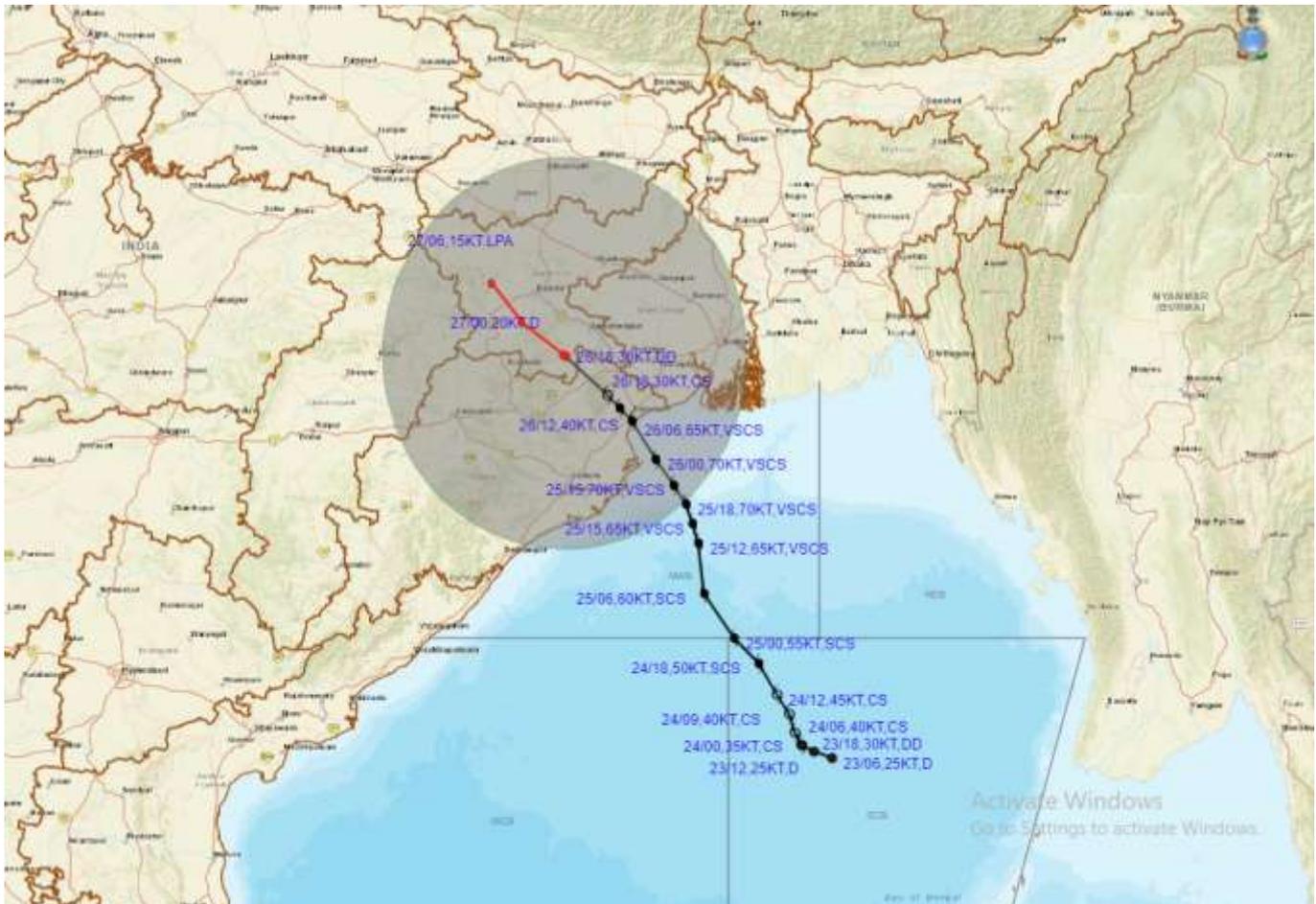
OBSERVED TRACK

FORECAST TRACK

CONE OF UNCERTAINTY



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION (REMNANT OF VERY SEVERE CYCLONIC STORM "YAAS") OVER SOUTH JHARKHAND AND ADJOINING NORTH INTERIOR ODISHA BASED ON 1800 UTC OF 26th MAY, 2021



DATE/TIME IN UTC

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L: LOW PRESSURE AREA

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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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

■ 50-63 KT (92-117 KMPH)

■ \geq 64 KT (\geq 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
\geq 64 (\geq 118)	Phenomenal	Total suspension of fishing operations