



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

**HOURLY UPDATE ON CYCLONIC STORM 'YAAS'**

**BULLETIN NO. 27**

DATE: 26-05-2021

TIME OF ISSUE: 2330 HRS IST

<b>DATE/TIME (IST) OF OBSERVATION</b>	<b>BASED ON 26-05-2021 (2230 HRS IST)</b>
LOCATION LATITUDE/LONGITUDE	<b>THE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 2230 HRS IST OF THE 26<sup>TH</sup> MAY, 2021 OVER SOUTH JHARKHAND NEAR LATITUDE 22.3°N AND LONGITUDE 85.9°E, ABOUT 100 KM WEST-NORTHWEST OF BARIPADA AND 130 KM SOUTH SOUTH-EAST OF RANCHI.</b>
CURRENT INTENSITY NEAR CENTRE	<b>60-70 KMPH GUSTING TO 80 KMPH</b>
PAST MOVEMENT	MOVED NORTHWESTWARDS WITH A SPEED OF ABOUT 13 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	<b>IT IS LIKELY TO MOVE FURTHER NORTHWESTWARDS AND WEAKEN GRADUALLY INTO A DEEP DEPRESSION DURING NEXT 2 HOURS OVER JHARKHAND.</b>
FORECAST RAINFALL	<b>ODISHA:</b> 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. <b>WEST BENGAL:</b> LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINFALL AT ISOLATED PLACES OVER MEDINIPUR, JHARGRAM, BANKURA DURING NEXT 12 HOURS. <b>JHARKHAND:</b> LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINFALL AND <b>EXTREMELY HEAVY FALLS</b> AT ISOLATED PLACES DURING NEXT 24 HOURS.
FORECAST WIND SPEED (KMPH)	WIND SPEED WILL DECREASE GRADUALLY BECOMING 55-65 KMPH GUSTING TO 75 KMPH DURING 3 HOURS OVER JHARKHAND AND ADJOINING NORTH ODISHA.

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

SAT : INSAT-3D IMG

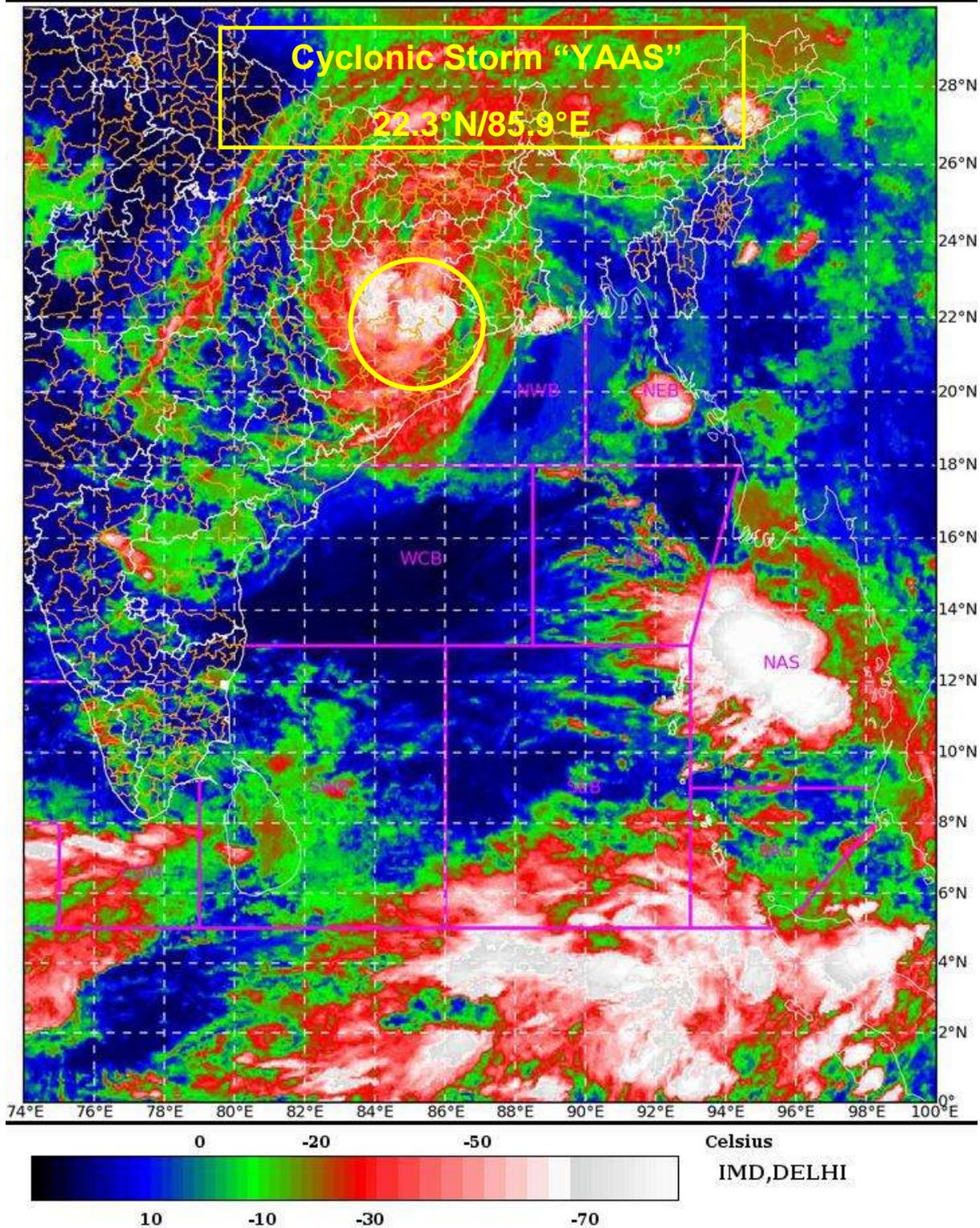
26-05-2021/(1700 to 1726) GMT

IMG\_TIR1\_TEMP 10.8 um

26-05-2021/(2230 to 2256) IST



L1C Mercator



nnai/ CWC Bhubaneswar/CWC Visakhapatnam



## OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM "YAAS" OVER NORTH INTERIOR ODISHA AND ADJOINING JHARKHAND BASED ON 1500 UTC OF 26<sup>th</sup> MAY, 2021

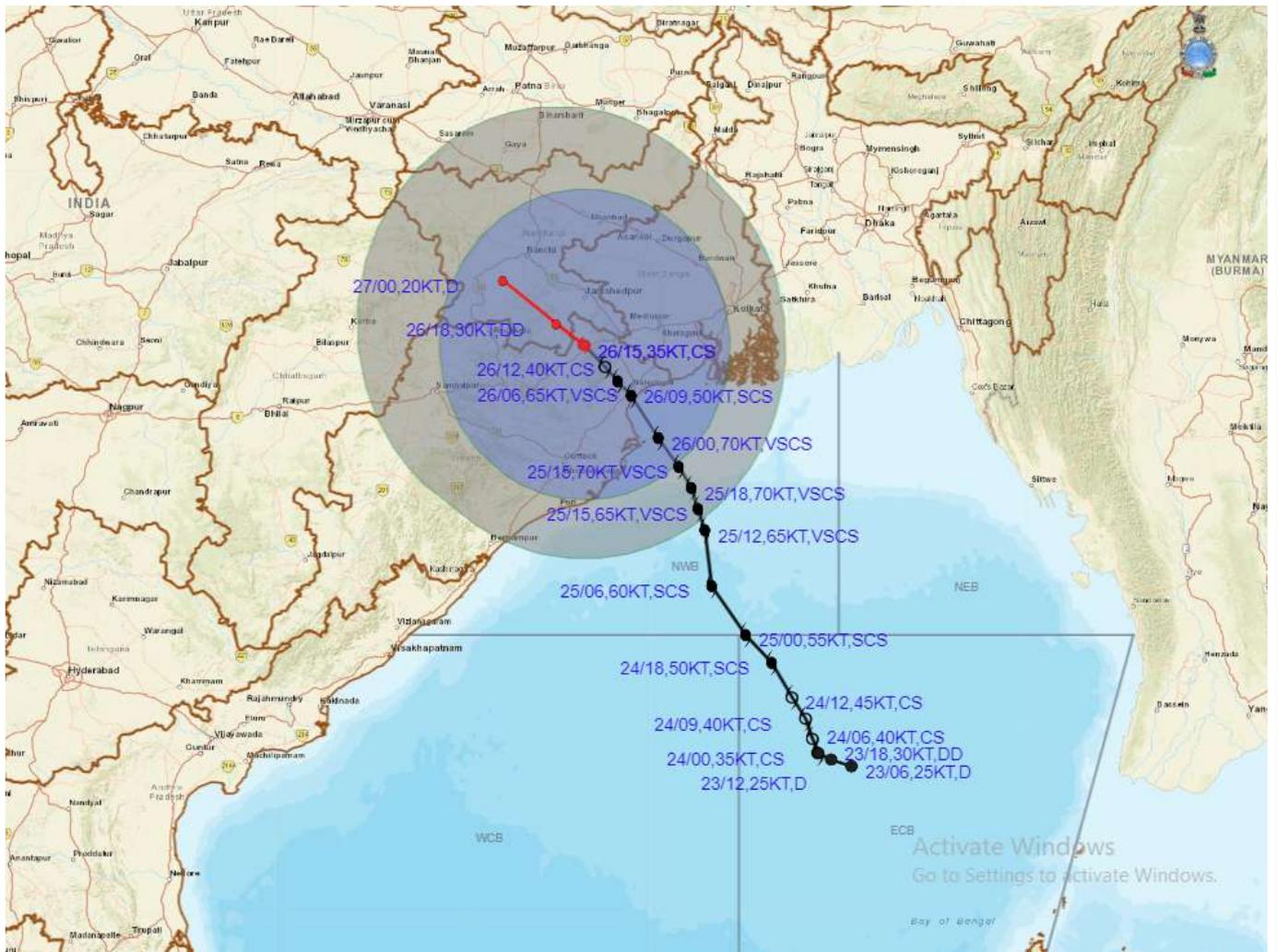


**DATE/TIME IN UTC**  
**IST=UTC + 0530**  
**L: LOW PRESSURE AREA**  
**WML: WELL MARKED LOW PRESSURE AREA**  
**D: DEPRESSION (17-27 KT)**  
**DD: DEEP DEPRESSION (28-33 KT)**  
**CS: CYCLONIC STORM (34-47 KT)**  
**SCS: SEVERE CYCLONIC STORM (48-63KT)**  
**VSCS: VERY SEVERE CYCLONIC STORM (64-89 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



## OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "YAAS" OVER NORTH INTERIOR ODISHA AND ADJOINING JHARKHAND BASED ON 1500 UTC OF 26<sup>th</sup> 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
- AREA OF MAXIMUM SUSTAINED WIND SPEED:
- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- ≥ 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
≥ 64 (≥118)	Phenomenal	Total suspension of fishing operations