



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

HOURLY UPDATE ON CYCLONIC STORM 'YAAS'

BULLETIN NO. 25

DATE: 26-05-2021

TIME OF ISSUE: 2200 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (2030 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 2030 HRS IST OF THE 26TH MAY, 2021 OVER NORTH INTERIOR ODISHA AND ADJOINING JHARKHAND NEAR LATITUDE 22.1°N AND LONGITUDE 86.0°E, ABOUT 85 KM WEST-NORTHWEST OF BARIPADA AND 150 KM SOUTH SOUTH-EAST OF RANCHI.
CURRENT INTENSITY NEAR CENTRE	65-75 KMPH GUSTING TO 85 KMPH
PAST MOVEMENT	MOVED NORTHWESTWARDS WITH A SPEED OF ABOUT 15 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	IT IS LIKELY TO MOVE FURTHER NORTHWESTWARDS AND WEAKEN GRADUALLY INTO A DEEP DEPRESSION DURING NEXT 3 HOURS OVER JHARKHAND.
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 ON 26 TH & 27 TH MAY.
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

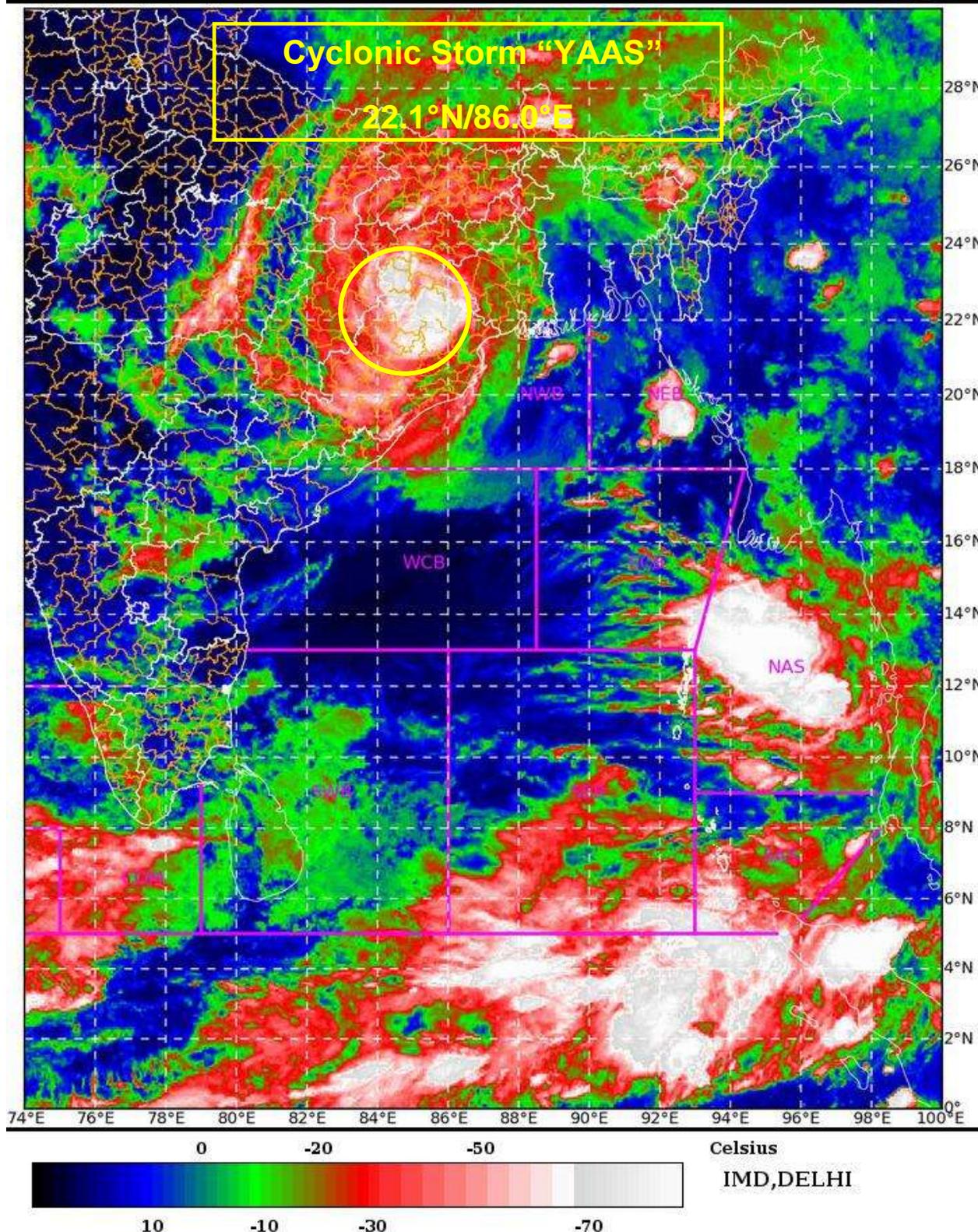
SAT : INSAT-3D IMG

26-05-2021/(1500 to 1526) GMT

IMG_TIR1_TEMP 10.8 um

26-05-2021/(2030 to 2056) IST

L1C Mercator





OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF CYCLONIC STORM "YAAS" OVER NORTH ODISHA BASED ON 1200 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 (≥ 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 ODISHA BASED ON 1200 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 (\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