



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

HOURLY UPDATE ON SEVERE CYCLONIC STORM 'YAAS'

BULLETIN NO. 21

DATE: 26-05-2021

TIME OF ISSUE: 1650 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (1630 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 1630 HRS IST OF THE 26TH MAY, 2021 OVER NORTHEAST ODISHA NEAR LATITUDE 21.7°N AND LONGITUDE 86.65°E, ABOUT 35 KM WEST-NORTHWEST OF BALASORE AND 25 KM SOUTHWEST OF BARIPADA.
CURRENT INTENSITY NEAR CENTRE	80-90 KMPH GUSTING TO 100 KMPH
PAST MOVEMENT	MOVED NORTHWESTWARDS WITH A SPEED OF ABOUT 9 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	IT IS LIKELY TO MOVE NORTHWESTWARDS AND WEAKEN GRADUALLY INTO A CYCLONIC STORM DURING NEXT 02 HOURS.
FORECAST RAINFALL	ODISHA: LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINS AT A FEW PLACES WITH EXTREMELY HEAVY FALLS AT ISOLATED PLACES OVER NORTH INTERIOR ODISHA DURING NEXT 24 HOURS AND HEAVY TO VERY FALLS AT ISOLATED PLACES OVER COASTAL 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 AND HEAVY FALLS AT ISOLATED PLACES OVER SOUTH 24 PARGANAS, PURULIA, NADIA, MURSHIDABAD, EAST BARDHAMAN, HOWRAH, HOOGHLY, KOLKATA, NORTH 24 PARGANAS, HALDIA, DARJEELING, KALIMPONG DISTRICTS ON 26 TH MAY.. 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 70-80 KMPH GUSTING TO 90 KMPH DURING 02 HOURS.

SAT : INSAT-3D IMG

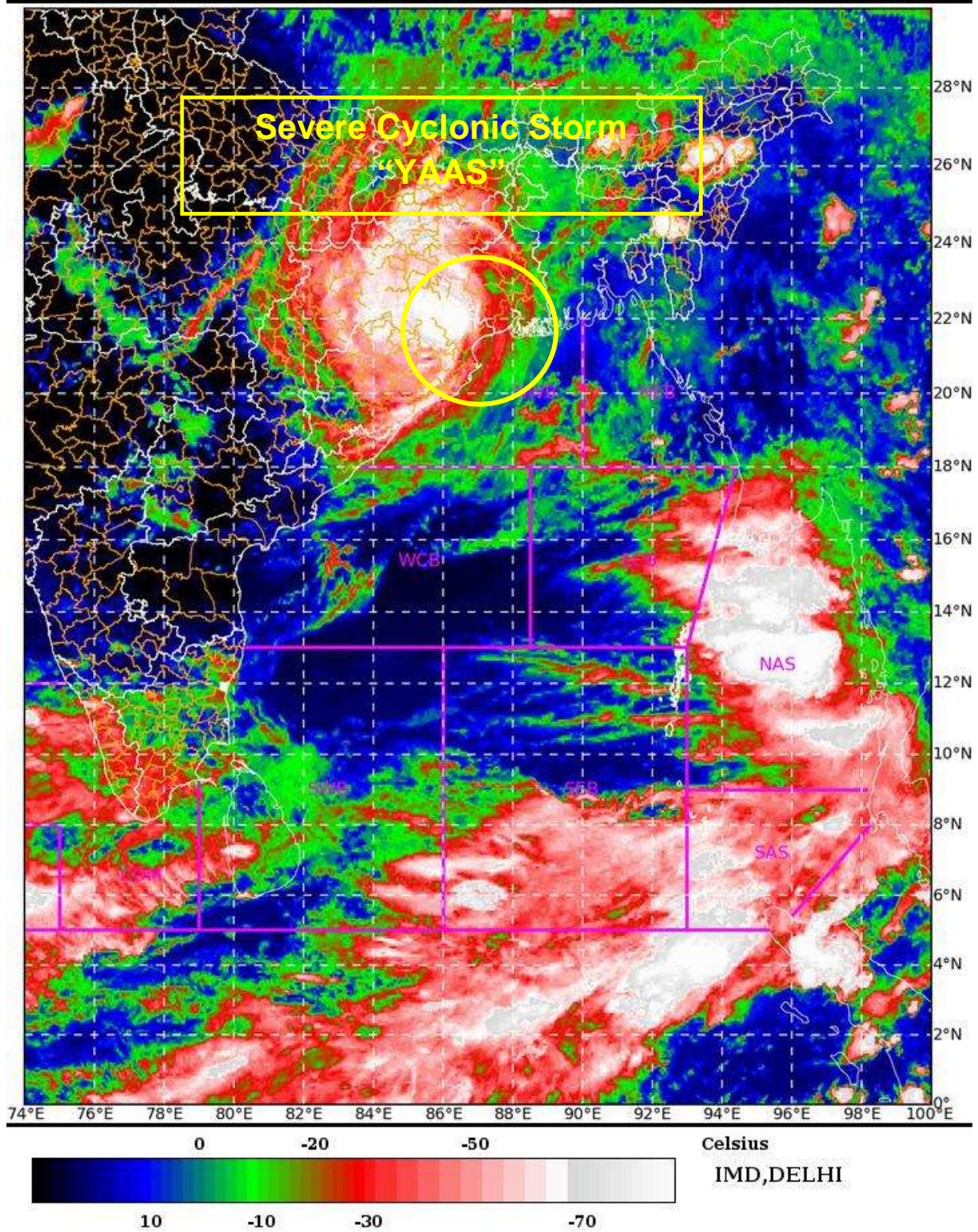
26-05-2021/(1030 to 1056) GMT

IMG_TIR1_TEMP 10.8 um

26-05-2021/(1600 to 1626) IST



L1C Mercator





OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF SEVERE CYCLONIC STORM "YAAS" OVER NORTHEAST ODISHA BASED ON 0900 UTC OF 26th MAY, 2021

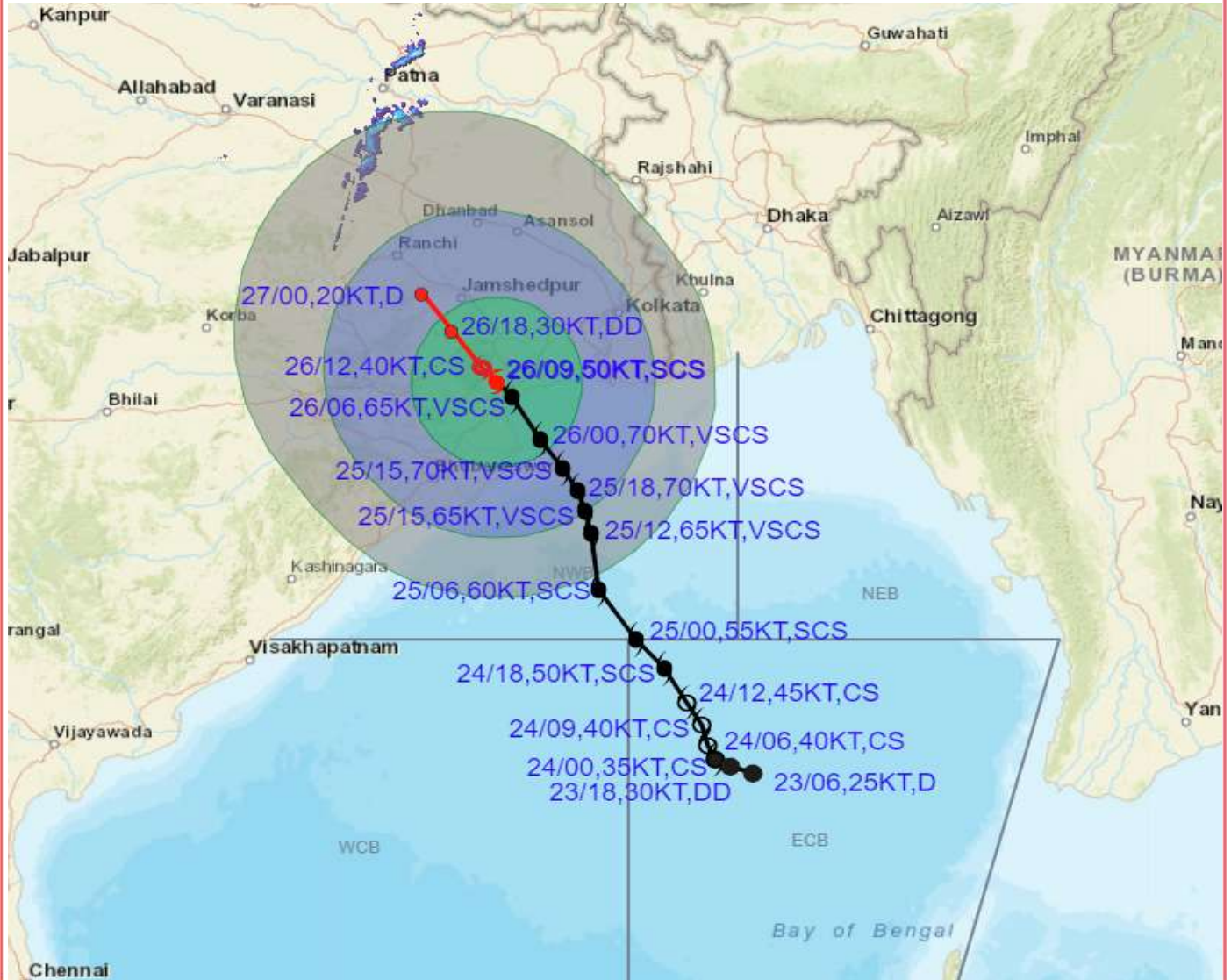


DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63 KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM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



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF SEVERE CYCLONIC STORM "YAAS" OVER NORTHEAST ODISHA BASED ON 0900 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)

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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