



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

HOURLY UPDATE ON CYCLONIC STORM 'YAAS'

BULLETIN NO. 24

DATE: 26-05-2021

TIME OF ISSUE: 2015 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (1930 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 1930 HRS IST OF THE 26TH MAY, 2021 OVER NORTH ODISHA NEAR LATITUDE 21.9°N AND LONGITUDE 86.35°E, ABOUT 75 KM WEST-NORTHWEST OF BALASORE AND 45 KM WEST OF BARIPADA.
CURRENT INTENSITY NEAR CENTRE	70-80 KMPH GUSTING TO 90 KMPH
PAST MOVEMENT	MOVED NORTHWESTWARDS WITH A SPEED OF ABOUT 10 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.
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 12 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 55-65 KMPH GUSTING TO 75 KMPH DURING 3 HOURS.

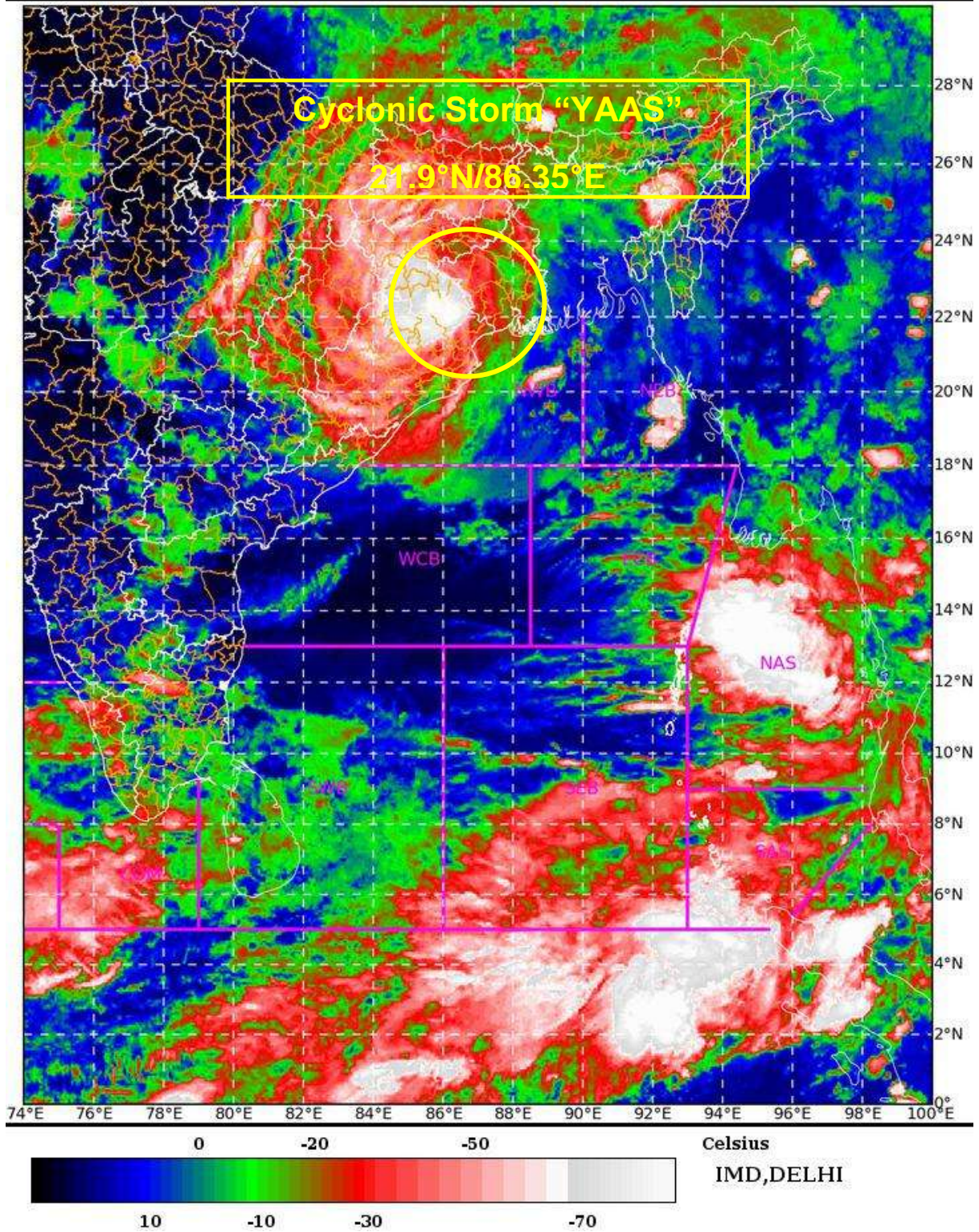
SAT : INSAT-3D IMG

26-05-2021/(1330 to 1356) GMT

IMG_TIR1_TEMP 10.8 um

26-05-2021/(1900 to 1926) 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)

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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