



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

HOURLY UPDATE ON SEVERE CYCLONIC STORM 'YAAS'

BULLETIN NO. 18

DATE: 26-05-2021

TIME OF ISSUE: 1430 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (1330 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE SEVERE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 1330 HRS IST OF THE 26TH MAY, 2021 OVER NORTH COASTAL ODISHA NEAR LATITUDE 21.55°N AND LONGITUDE 86.8°E, ABOUT 15 KM WEST OF BALASORE.
CURRENT INTENSITY NEAR CENTRE	100-110 KMPH GUSTING TO 120 KMPH
PAST MOVEMENT	MOVED NORTH - NORTHWESTWARDS WITH A SPEED OF ABOUT 10 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	IT IS LIKELY TO MOVE NORTH-NORTHWESTWARDS AND WEAKEN GRADUALLY INTO A CYCLONIC STORM DURING NEXT 06 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 80-90 KMPH GUSTING TO 100 KMPH DURING NEXT 03 HOURS AND 60-70 KMPH GUSTING TO 80 KMPH DURING SUBSEQUENT 06 HOURS.
FORECAST STORM SURGE	TIDAL WAVES OF HEIGHT 1-2 METERS ABOVE ASTRONOMICAL TIDE ARE LIKELY TO INUNDATE LOW LYING AREAS OF BALASORE, BHADRAK, MEDINIPUR, SOUTH 24 PARGANAS DISTRICTS DURING NEXT 2 HOURS AND DECREASE GRADUALLY THEREAFTER.

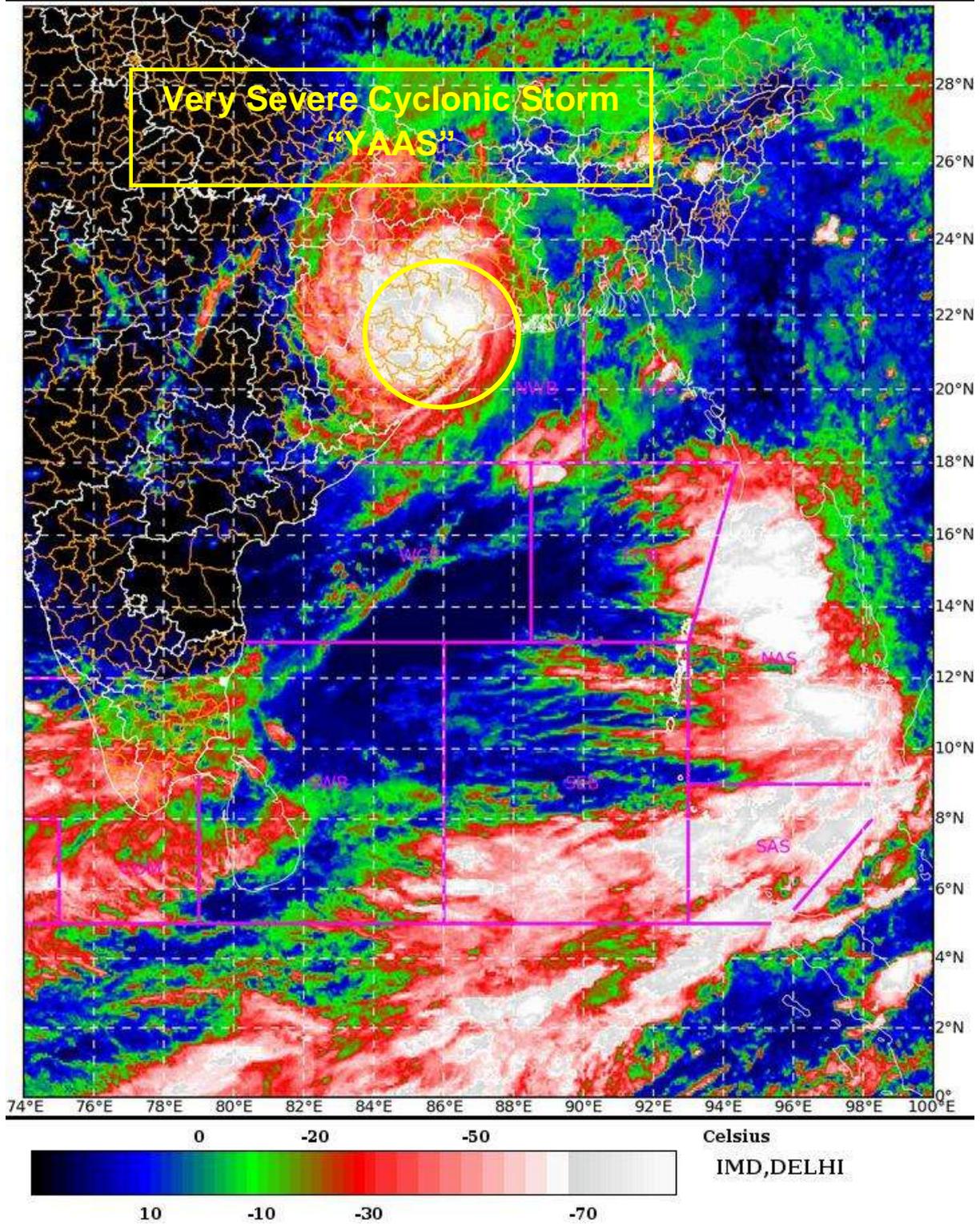
SAT : INSAT-3D IMG

26-05-2021/(0800 to 0827) GMT

IMG_TIR1_TEMP 10.8 um

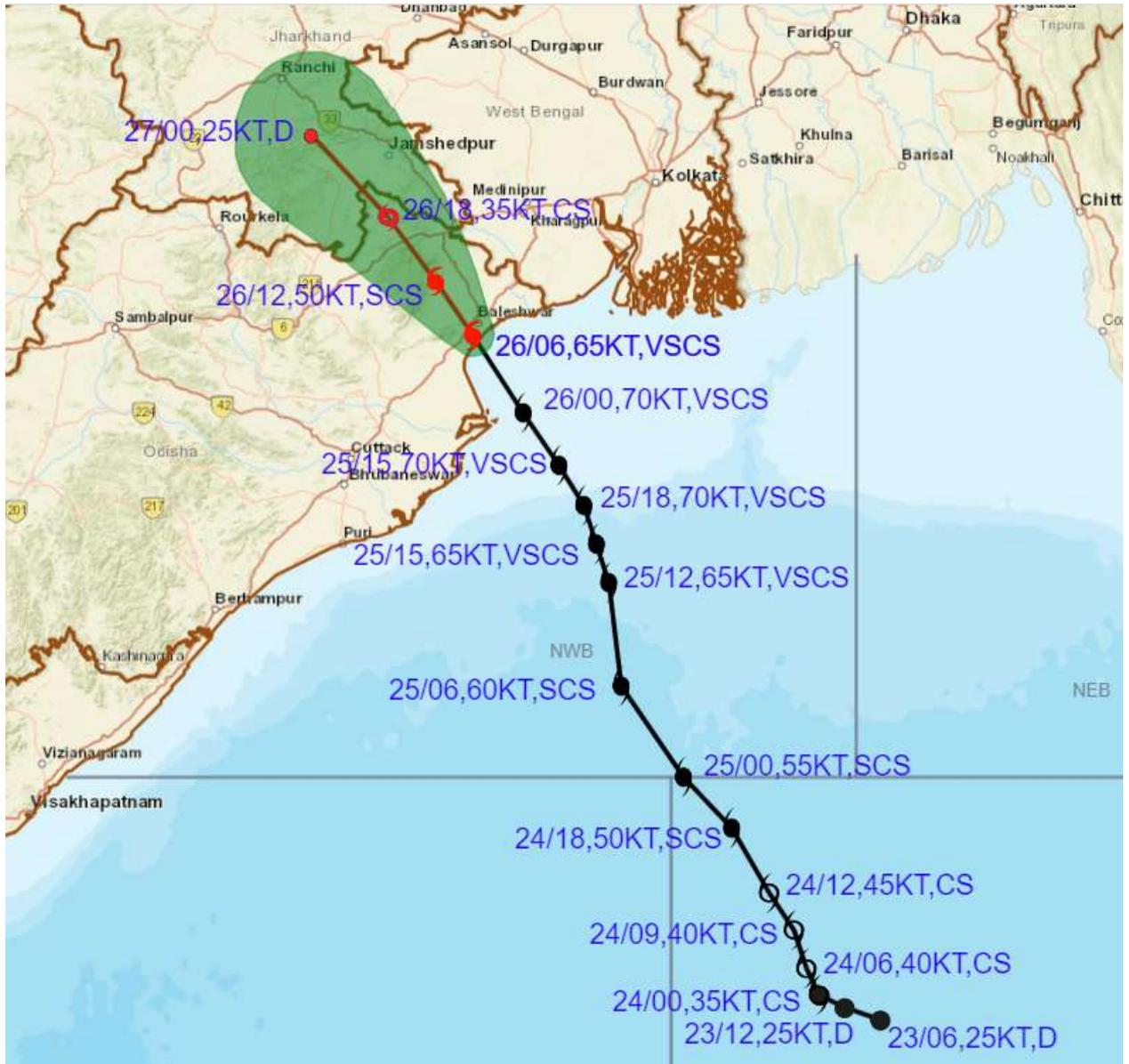
26-05-2021/(1330 to 1357) IST

L1C Mercator





OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF VERY SEVERE CYCLONIC STORM "YAAS" OVER NORTH COASTAL ODISHA BASED ON 0600 UTC OF 26th MAY, 2021

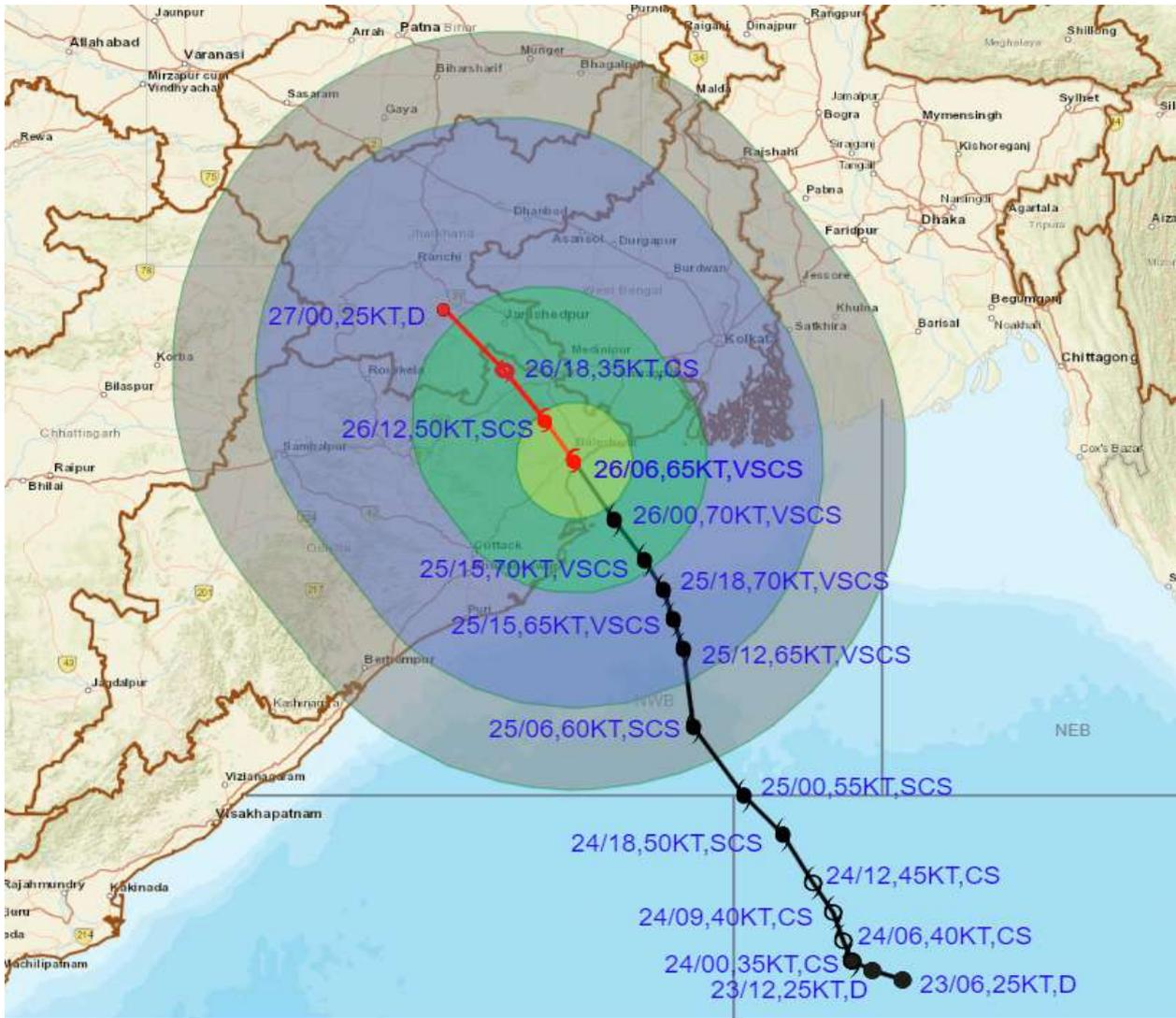


DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (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 VERY SEVERE CYCLONIC STORM "YAAS" OVER NORTH COASTAL ODISHA BASED ON 0600 UTC OF 26th MAY, 2021



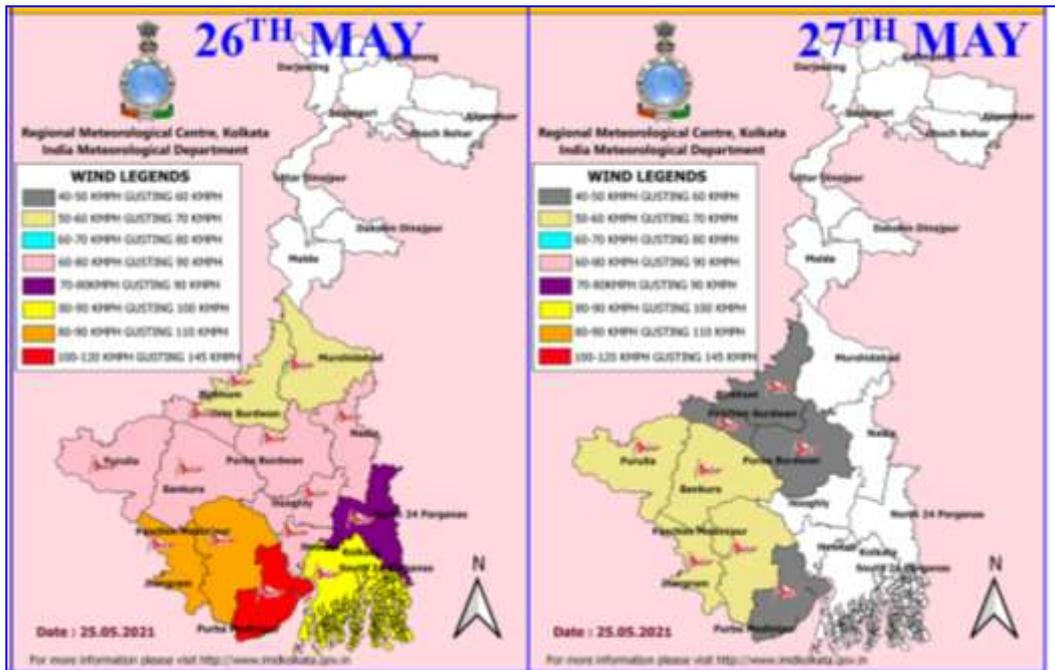
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● LESS THAN 34 KT
 ○ 34-47 KT
 ● ≥ 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 ● CONE OF UNCERTAINTY
 AREA OF MAXIMUM SUSTAINED WIND SPEED:
 ■ 28-33 KT (52-61 KMPH)
 ■ 34-49 KT (62-91 KMPH)
 ■ 50-63 KT (92-117 KMPH)
 ■ ≥ 64 KT (≥118 KMPH)

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

WIND WARNING FOR WEST BENGAL



WIND WARNING FOR ODISHA

