



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

HOURLY UPDATE ON VERY SEVERE CYCLONIC STORM 'YAAS'

BULLETIN NO. 13

DATE: 26-05-2021

TIME OF ISSUE: 0915 HRS IST

DATE/TIME (IST) OF OBSERVATION	BASED ON 26-05-2021 (0830 HRS IST)
LOCATION LATITUDE/LONGITUDE	THE VERY SEVERE CYCLONIC STORM 'YAAS' (PRONOUNCED AS 'YASS') LAY CENTRED AT 0830 HRS IST OF THE 26 TH MAY, 2021 OVER NORTHWEST BAY OF BENGAL NEAR LATITUDE 21.21°N AND LONGITUDE 87.1°E, ABOUT 45 KM NORTH-NORTHEAST OF DHAMRA , 60 KM SOUTHWEST OF DIGHA AND 40 KM SOUTH-SOUTHEAST OF BALASORE.
CURRENT INTENSITY NEAR CENTRE	130-140 KMPH GUSTING TO 155 KMPH
PAST MOVEMENT	MOVED NORTH-NORTHWESTWARDS WITH A SPEED OF ABOUT 17 KMPH DURING PAST 06 HOURS.
FORECAST MOVEMENT AND INTENSITY	LANDFALL PROCESS HAS COMMENCED. THE SYSTEM WOULD CROSS NORTH ODISHA-WEST BENGAL COASTS TO THE SOUTH OF BALASORE WITHIN NEXT 03 HOURS AS A VERY SEVERE CYCLONIC STORM WITH WIND SPEED OF 130-140 KMPH GUSTING TO 155 KMPH.
FORECAST RAINFALL	LIGHT TO MODERATE RAINFALL AT MOST PLACES WITH HEAVY TO VERY HEAVY RAINS AT A FEW PLACES WITH EXTREMELY HEAVY FALLS AT ISOLATED PLACES IN JAGATSINGHPUR, KENDRAPARA, JAJPUR, BHADRAK, BALASORE, MAYURBHANJ, CUTTACK, DHENKANAL, KEONJHARGARH AND HEAVY FALLS AT ISOLATED PLACES IN PURI, KHURDA, ANGUL, DEOGARH, SUNDERGARH ON 26 TH MAY.
FORECAST WIND SPEED (KMPH) DURING LANDFALL	130-140 KMPH GUSTING TO 155 KMPH ALONG AND OFF BHADRAK AND BALASORE DISTRICTS AND 100-110 KMPH GUSTING TO 120 KMPH ALONG AND OFF KENDRAPARA DISTRICT AT THE TIME OF LANDFALL. WINDSPEED WILL DECREASE GRADUALLY AFTER LANDFALL BECOMING 65-75 KMPH GUSTING TO 85 KMPH BY EVENING.
FORECAST STORM SURGE	TIDAL WAVES OF HEIGHT 2-3 METERS ABOVE ASTRONOMICAL TIDE ARE LIKELY TO INUNDATE LOW LYING AREAS OF BALASORE, BHADRAK AND ABOUT 2 METERS ABOVE ASTRONOMICAL TIDE ARE LIKELY TO INUNDATE LOW LYING AREAS OF KENDRAPARA & JAGATSINGHPUR DISTRICTS AROUND THE TIME OF LANDFALL.

REALISED WEATHER

WIND REPORTED AT 0830 HOURS IST OF 26.05.2021 IN KMPH:
80-90 KMPH GUSTING TO 100 KMPH IS PREVAILING ALONG AND OFF NORTH ODISHA COAST.

70-80 KMPH GUSTING TO 90 KMPH IS PREVAILING ALONG AND OFF ADJOINING WEST BENGAL COAST.

WINDS REPORTED IN KMPH:

ODISHA: BALASORE-83, CHANDBALI-56., PARADIP- 44, BHUBANESHWAR-33

RAINFALL IN CM (REPORTED DURING 0830 HOURS IST OF 25.05.2021 TO 0830 HOURS IST OF 26.05.2021):

ODISHA:- BALASORE-6.5, CHANDABALI- 28.8, PARADIP-20.0, BHUBANESHWAR- 4.0 AND PURI-2.6

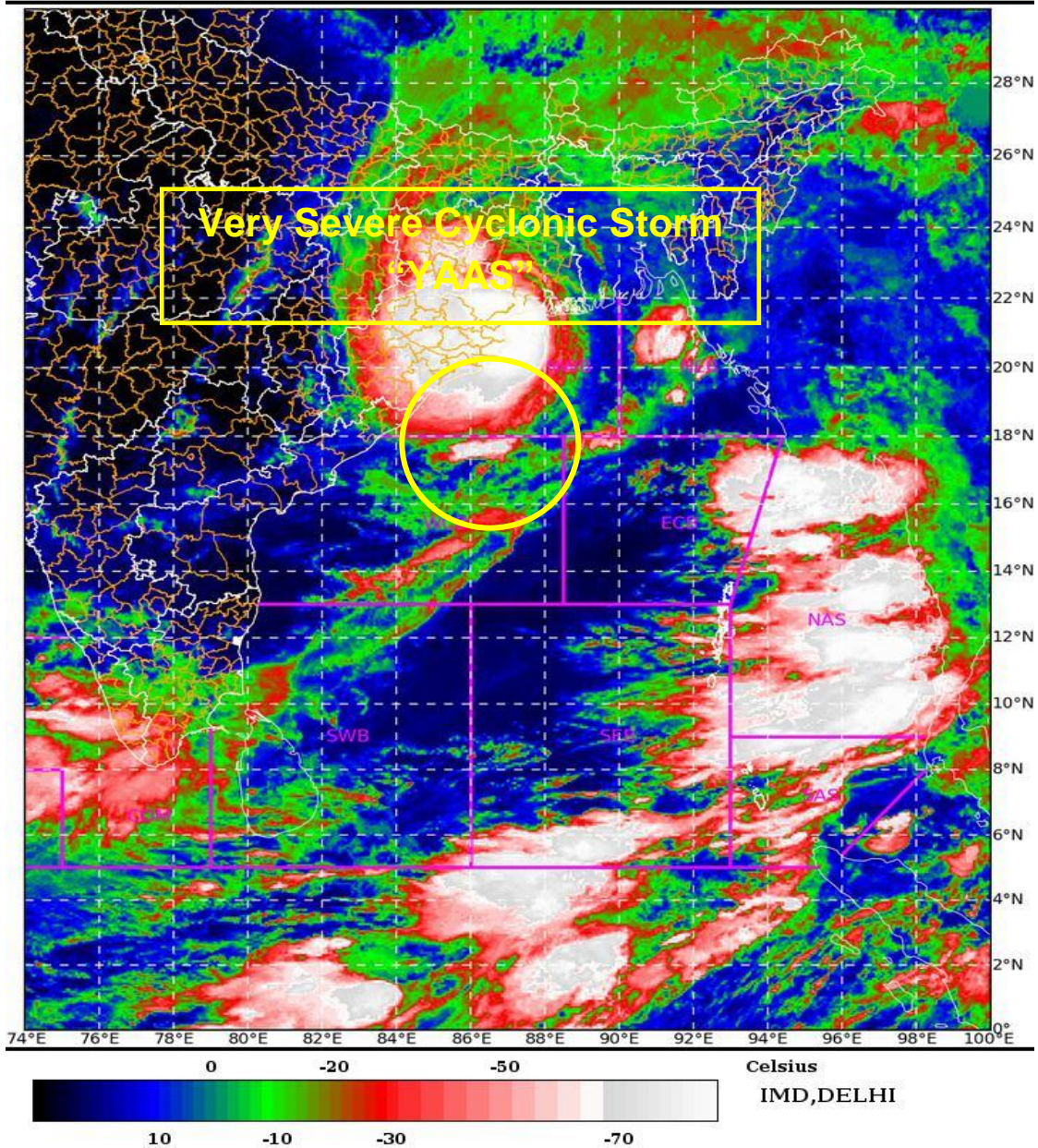
SAT : INSAT-3D IMG

26-05-2021/(0300 to 0326) GMT

IMG_TIR1_TEMP 10.8 um

26-05-2021/(0830 to 0856) IST

L1C Mercator



LATEST IMAGERY FROM DOPPLER WEATHER RADAR PARADIP

