



PRESS RELEASE

DATE: 26.05.2021

TIME: 1830 HRS IST

Sub: Very Severe Cyclonic Storm 'Yaas' (pronounced as 'Yass') over northwest Bay of Bengal, weakened into a Severe Cyclonic Storm over northeast Odisha.

The **Very Severe Cyclonic Storm 'Yaas' (pronounced as 'Yass')** over north coastal Odisha moved north-northwestwards with a speed of about 10 kmph during past 6 hours, weakened into a Severe Cyclonic Storm and lay centred at 1430 hrs IST of today, the 26th May, 2021 over northeast Odisha, near latitude 21.6°N and longitude 86.7°E, about 25 km west-northwest of Balasore and 35 km south-southwest of Baripada.

THE SYSTEM IS VERY LIKELY TO MOVE NORTHWESTWARDS AND WEAKEN INTO A CYCLONIC STORM DURING NEXT 3 HOURS.

FORECAST TRACK AND INTENSITY ARE GIVEN IN THE FOLLOWING TABLE:

Date/Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
26.05.21/1430	21.6/86.7	90-100 gusting to 110	SEVERE CYCLONIC STORM
26.05.21/1730	21.8/86.5	60-70 gusting to 80	CYCLONIC STORM
26.05.21/2330	22.3 /86.1	55-65 gusting to 75	DEEP DEPRESSION
27.05.21/0530	22.8/85.7	35-45 gusting to 55	DEPRESSION

Warnings:

(i) Rainfall:

Days	Forecast	Heavy Rainfall Warning
Day-1: Valid from upto 0830 Hrs IST of 27.05.21	Light to moderate rain or thundershower very likely to occur at most places over the districts of north Odisha, at a few over the districts of south Odisha.	Red Warning (Take Action) Heavy to very heavy rainfall at a few places over Balasore, Bhadrak, Jajpur, Kendrapada, Jagatsinghpur, Cuttack, Mayurbhanj, Keonjhar and Dhenkanal with isolated extremely heavy fall very likely to occur over the districts of Jajpur, Mayurbhanj, Keonjhar and Dhenkanal. Yellow Warning (Be updated) Heavy very heavy rainfall very likely to occur at isolated places over the districts of Anugul, Deogarh, Sundergarh and Sambalpur
Day-2: Valid from 0830 Hrs IST of 27.05.21 to 0830 Hrs IST of 28.05.21.	Light to moderate rain or thundershower very likely to occur at many places over the districts of north interior Odisha, at a few over the districts of north coastal Odisha and at one or two places over the districts of south Odisha.	Yellow Warning (Be updated) Heavy rainfall very likely to occur at isolated places over the districts of Sundergarh, and Keonjhar.

(ii) Wind warning

- Gale wind speed reaching 90-100 kmph gusting 110 kmph is likely to prevail over Northwest Bay of Bengal and along & off north Odisha coast during next 3 hours and improve gradually thereafter.
- Gale wind speed reaching 80-90 kmph gusting 100 kmph would prevail over Mayurbhanj District of Odisha during next 3 hours and decrease gradually thereafter.
- Gale wind speed reaching 40-50 kmph gusting to 60 kmph would prevail over Puri, Cuttack, Khurda, Dhenkanal and Keonjhar districts of Odisha till 26th early night. The wind speed reaching 55-65 kmph gusting to 75 kmph would prevail over remaining interior districts of north Odisha till today evening and reduce gradually from tonight.

(iii) Sea condition

- Sea condition would be High over northwest Bay of Bengal along & off Odisha–West Bengal coasts till 26th evening and improve gradually thereafter.

Fishermen Warning

The fishermen are advised not to venture into sea along and off Odisha coast and North Bay of Bengal till 27th May, 2021.

(v)Port Warning:

Keep hoisted Great Danger Signal No. 10(GD10) at Paradip and Dhamra Ports of Odisha, and Local Cautionary Signal No. 3 (LC3) at Gopalpur and Puri Port of Odisha .

Action Suggested for coastal districts of North Odisha, and adjoining interior districts:

- Suspension of fishing operation and movement of ships in disturbed areas.
- Ports along the east coast of India may take necessary pre-cautions.
- Naval base operations may maintain necessary pre-cautions
- Tourism activities may be restricted over these areas.
- Mobilise evacuation from coastal areas of West Bengal & North Odisha.
- Judicious regulation of rail and road traffic.
- People in affected areas to remain indoors.
- Preparatory action before the cyclones.

Damage expected over north interior districts of Odisha:

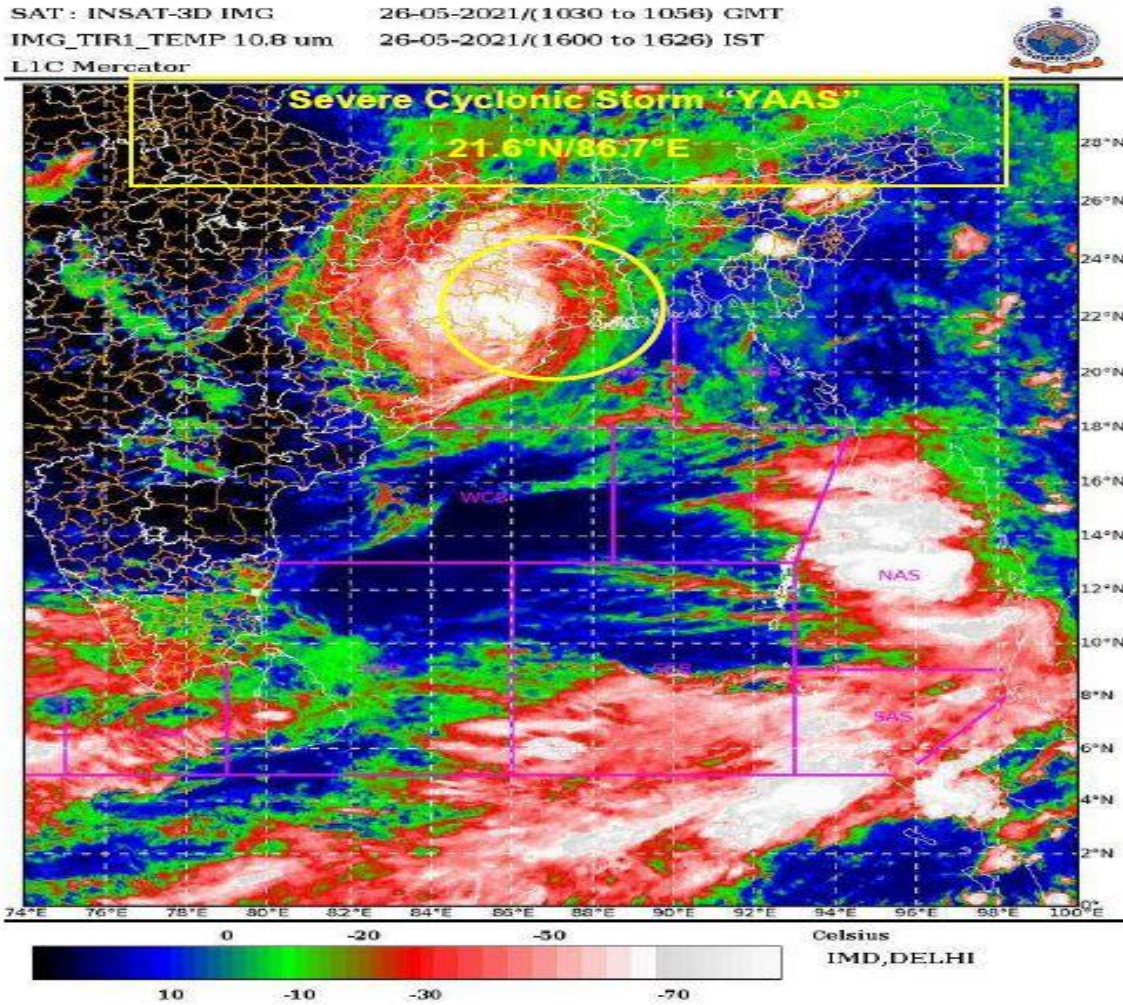
- Major damage to thatched houses/ huts. Roof tops may blow off. Unattached metal sheets may fly.
- Minor damage to power and communication lines.
- Major damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- Breaking of tree branches, uprooting of trees. Damage to banana and papaya trees. Dead limbs blown from trees.
- Major damage to coastal crops.

N.B:SPATIAL RAINFALL DISTRIBUTION: ISOLATED :=< 25%, A FEW: 26-50%, MANY: 51-75%, MOST: 76-100%, RAINFALL AMOUNT (MM): HEAVY RAIN: 64.5 – 115.5, VERY HEAVY RAIN: 115.6 – 204.4, EXTREMELY HEAVY RAIN: 204.5 OR MORE. PROBABILISTIC FORECAST: UNLIKELY =< 25%, LIKELY 26-50%, VERY LIKELY 51-75%, MOST LIKELY > 75%

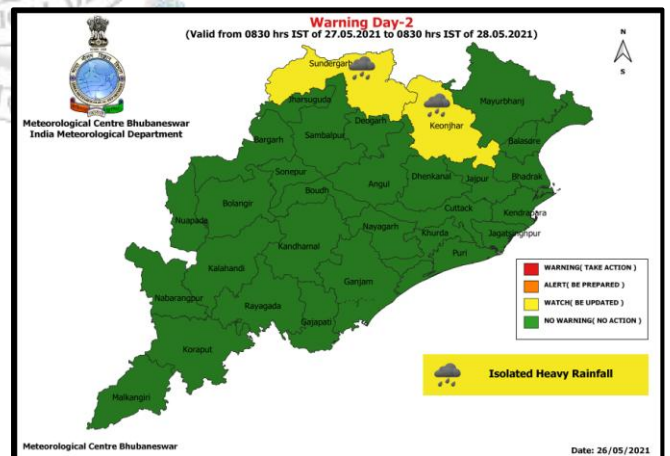
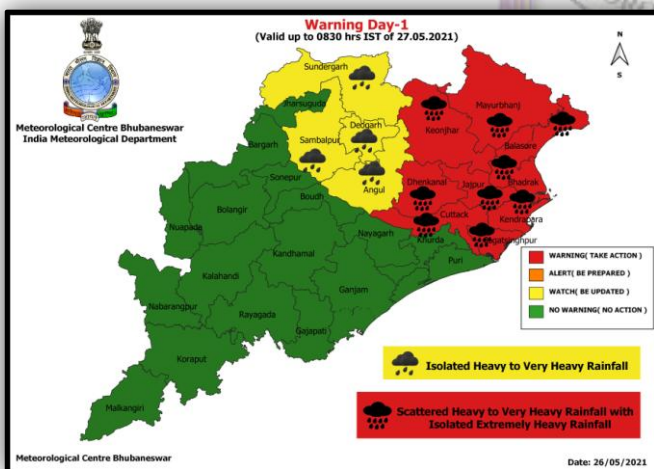
भारतसरकार
 पृथ्वीविज्ञानमंत्रालय
 भारतमौसमविज्ञानविभाग
 मौसमविज्ञानकेंद्र
 भुवनेश्वर, ओडिशा-751020



ଭାରତସରକାର
 ପୃଥିବୀବିଜ୍ଞାନମନ୍ତ୍ରାଳୟ
 ଭାରତପାଣିପାଗବିଜ୍ଞାନବିଭାଗ
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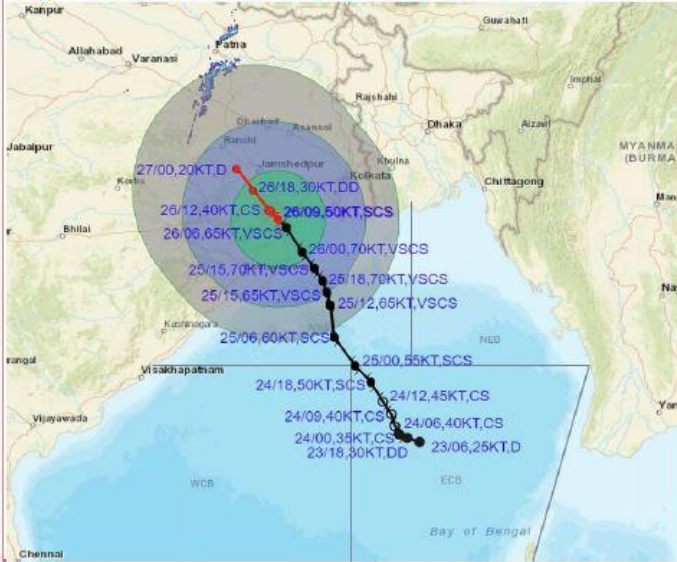


Rainfall Warning Maps for Day-1 to Day-2





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)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ECS: 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

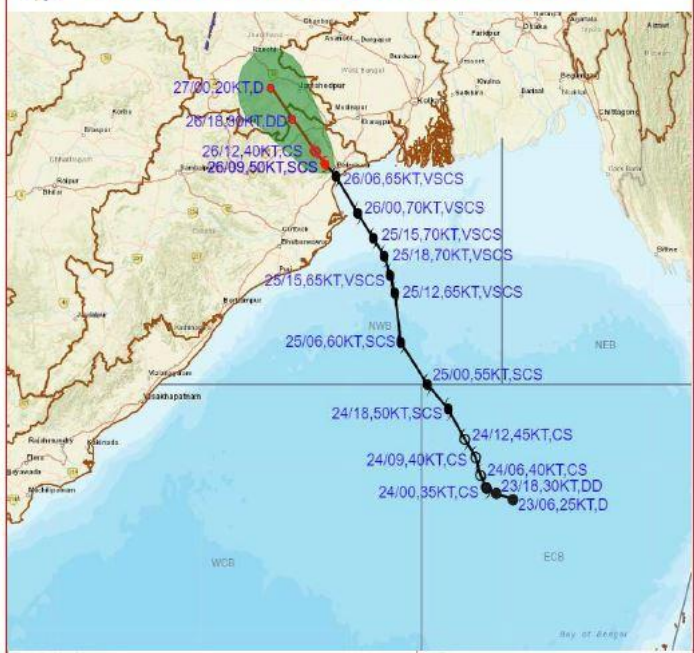
● CONE OF UNCERTAINTY

AREA OF MAXIMUM SUSTAINED WIND SPEED:
○ 28-33 KT (62-61 KMPH)
○ 34-49 KT (62-91 KMPH)
○ 50-63 KT (82-117 KMPH)
○ ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA		
MSW (knot/kmph)	Impact	Action
28-33 (62-91)	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



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



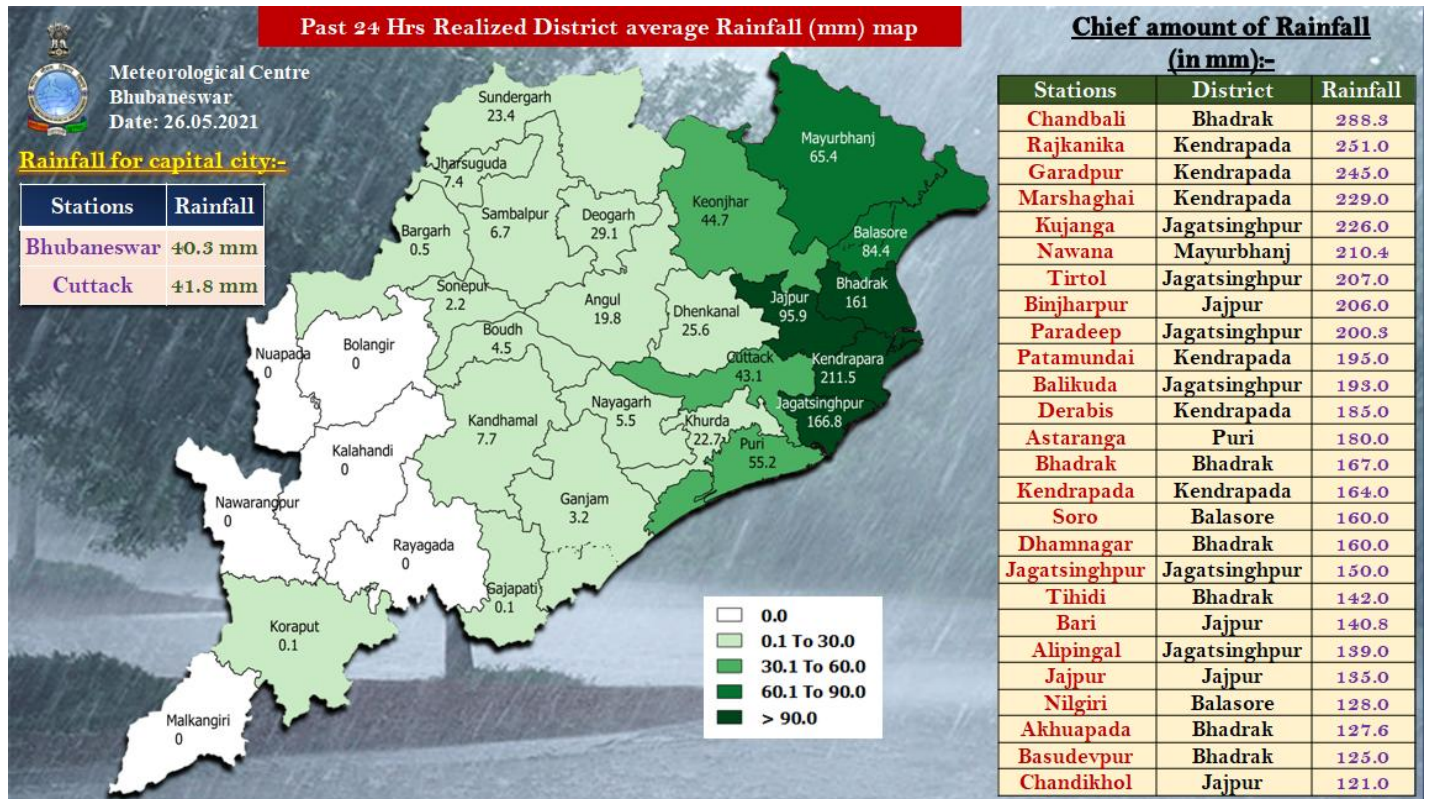
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— OBSERVED TRACK
— FORECAST TRACK

● CONE OF UNCERTAINTY

Realized rainfall during last 24 Hrs (recorded at 0830 Hrs IST of today)



Past 24 Hrs Realized District average Rainfall (mm) map

Chief amount of Rainfall (in mm):-

Meteorological Centre
Bhubaneswar
Date: 26.05.2021

Rainfall for capital city:-

Stations	Rainfall
Bhubaneswar	40.3 mm
Cuttack	41.8 mm

Stations	District	Rainfall
Chandbali	Bhadrak	288.3
Rajkanika	Kendrapada	251.0
Garadpur	Kendrapada	245.0
Marshaghai	Kendrapada	229.0
Kujanga	Jagatsinghpur	226.0
Nawana	Mayurbhanj	210.4
Tirtol	Jagatsinghpur	207.0
Binjharpur	Jajpur	206.0
Paradeep	Jagatsinghpur	200.3
Patamundai	Kendrapada	195.0
Balikuda	Jagatsinghpur	193.0
Derabis	Kendrapada	185.0
Astaranga	Puri	180.0
Bhadrak	Bhadrak	167.0
Kendrapada	Kendrapada	164.0
Soro	Balasore	160.0
Dhamnagar	Bhadrak	160.0
Jagatsinghpur	Jagatsinghpur	150.0
Tihidi	Bhadrak	142.0
Bari	Jajpur	140.8
Alipingal	Jagatsinghpur	139.0
Jajpur	Jajpur	135.0
Nilgiri	Balasore	128.0
Akhuapada	Bhadrak	127.6
Basudevpur	Bhadrak	125.0
Chandikhol	Jajpur	121.0

□ 0.0
□ 0.1 To 30.0
□ 30.1 To 60.0
□ 60.1 To 90.0
□ > 90.0