



SPECIAL BULLETIN - 26

DATE: 26.05.2021
TIME: 1530 HRS IST

Sub: The Very Severe Cyclonic Storm 'Yaas' (pronounced as 'Yass') over northwest Bay of Bengal, crossed north Odisha coast – (Cyclone Warning for Odisha – West Bengal coasts- Red Message)

The Very Severe Cyclonic Storm 'Yaas' (pronounced as 'Yass') over northwest Bay of Bengal moved north-northwestwards with a speed of about 24 kmph during past 6 hours, crossed north Odisha coast around Latitude 21.35°N and Longitude 86.95°E, about 20 km to the south of Balasore as a Very Severe Cyclonic Storm with a maximum sustained wind speed of 130 -140 kmph gusting to 155 kmph between 1030 & 1130 hrs IST of today, the 26th May 2021. It lay centred at 1130 hrs IST of today, the 26th May, 2021 over north coastal Odisha, near latitude 21.4°N and longitude 86.9°E, about 15 km south-southwest of Balasore (Odisha).

The system is very likely to move northwestwards across interior districts of Odisha and weaken gradually into a Severe Cyclonic Storm during next 3 hours and into a Cyclonic Storm during the subsequent 6 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
26.05.21/1130	21.4/86.9	120-130 gusting to 145	VERY SEVERE CYCLONIC STORM
26.05.21/1730	21.8/86.6	90-100 gusting to 110	SEVERE CYCLONIC STORM
26.05.21/2330	22.3 /86.2	60-70 gusting to 80	CYCLONIC STORM
27.05.21/0530	22.9/85.6	45-55 gusting to 65	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 120-130 kmph gusting 145 kmph is prevailing over Northwest Bay of Bengal and along & off north Odisha coast and adjoining West Bengal coast including Jagatsinghpur, Kendrapara, Bhadrak, Balasore districts of Odisha. It is very likely to reduce gradually becoming 90-100 kmph gusting to 110 kmph from today evening and reduce gradually from tonight.
- Gale wind speed reaching 80-90 kmph gusting 100 kmph would prevail over, Jajpur & Mayurbhanj Districts of Odisha till 26th afternoon and reduce gradually from tonight.
- Squally wind speed reaching 50-60 kmph gusting to 70 kmph would prevail over Ganjam, Cutack, Khurda Angul, Deogarh, Dhenkanal, Keonjhar, & Sundergarh districts of Odisha, start reducing gradually from tonight.

(iii) Sea condition

Sea condition would be High to very High over northwest Bay of Bengal along & off Odisha–West Bengal coasts till 26th Night..

(iv) 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 Port of Odisha. Replace Great Danger Signal No. 8(GD8) by Local Cautionary Signal No. 3 (LC3) at Puri Port.

(vi) Storm surge warning.

Tidal waves of height 1-2 meters above astronomical tide are likely to inundate low lying areas of Balasore, and Bhadrak Districts during next 2-3 hours.

Damage Expected for coastal districts of North Odisha, and adjoining interior districts:

- ❖ Total destruction of thatched houses/ extensive damage to kutcha houses. Some damage to pucca houses.
- ❖ Potential threat from flying objects.
- ❖ Bending/ uprooting of power and communication poles.
- ❖ Major damage to Kutcha and Pucca roads.
- ❖ Flooding of escape routes.
- ❖ Disruption of railways, overhead power lines and signalling systems.
- ❖ Widespread damage to standing crops, plantations, orchards, falling of green coconuts and tearing of palm fronds.
- ❖ Blowing down of bushy trees like mango.
- ❖ Small boats, country crafts may get detached from moorings.
- ❖ Visibility severely affected

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.

भारतसरकार
पृथ्वीविज्ञानमंत्रालय
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भुवनेश्वर, ओडिशा-751020



ଭାରତସରକାର
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ଭାରତପାଣିପାଗବିଜ୍ଞାନବିଭାଗ
ପାଣିପାଗବିଜ୍ଞାନକେନ୍ଦ୍ର
ଭୁବନେଶ୍ୱର ଓଡ଼ିଶା-୭୫୧୦୨୦

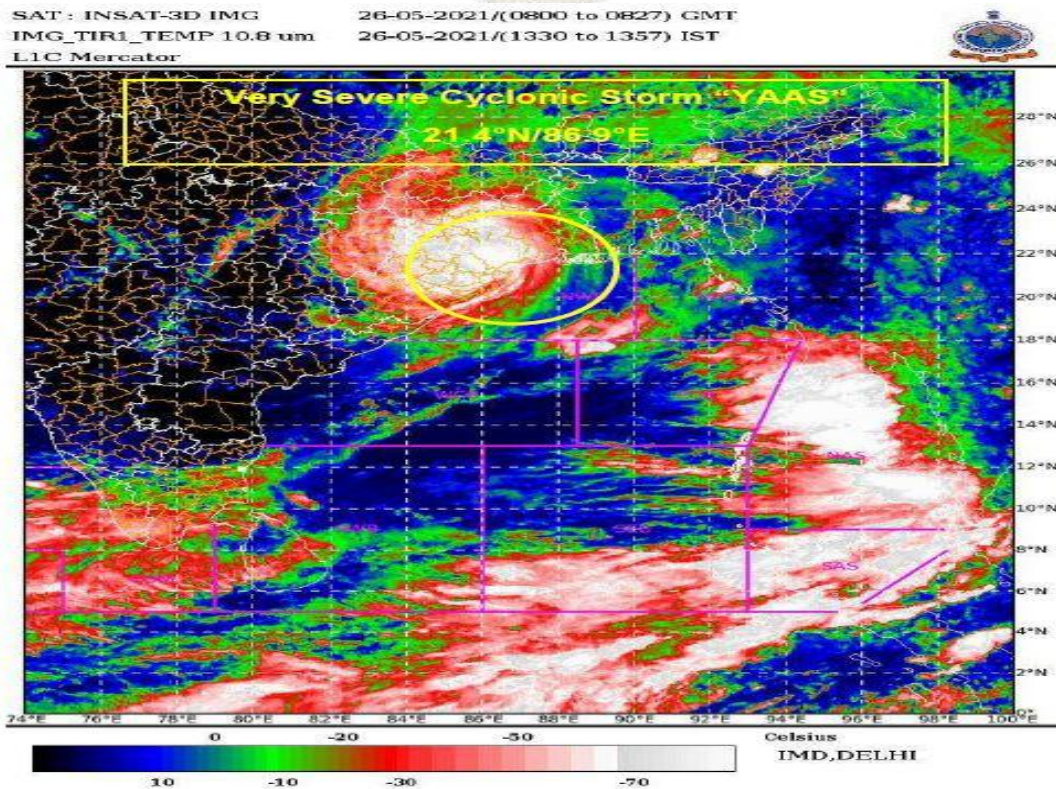
- Major damage to Kutcha and some damage to Pucca roads. Flooding of escape routes.
- Breaking of tree branches, uprooting of trees. Damage to banana and papaya trees. Dead limbs blown from trees.
- Major damage to coastal crops.

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%

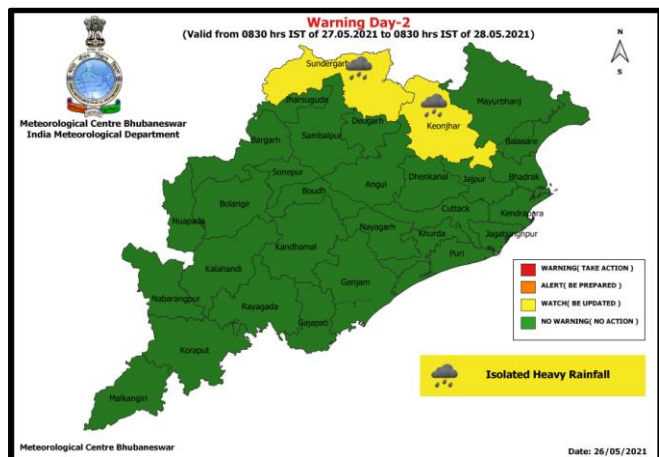
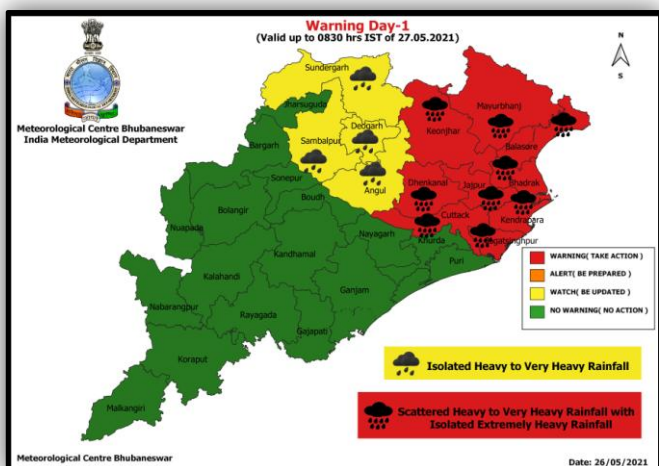
Dr.H.R. Biswas,
Head & Scientist-E,
Met .Centre Bhubaneswar

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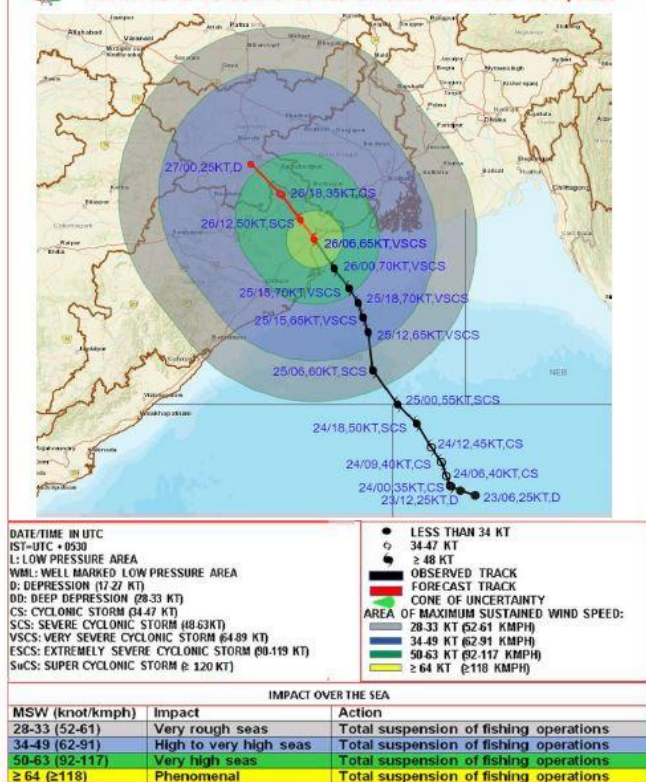
1. CHIEF SECRETARY, GOVT OF ODISHA.
2. PRINCIPAL SECRETARY, REVENUE & DISASTER MANAGEMENT, GOVT. OF ODISHA.
3. PRINCIPAL SECRETARY, DEPT. OF AGRICULTURE, GOVT. OF ODISHA.
4. PRINCIPAL SECRETARY, DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA.
5. SPECIAL RELIEF COMMISSIONER (SRC), GOVT. OF ODISHA BHUBANESWAR.
6. REVENUE SECRETARY, GOVT. OF ODISHA, BHUBANESWAR.
7. M.D., OSDMA, GOVT. OF ODISHA, BHUBANESWAR.
8. RDC, CENTRAL DIVISION/ SOUTHERN DIVISION/ NORTHERN DIVISION.
9. AIR CUTTACK / DOORDARSHAN.



Rainfall Warning Maps for Day-1 to Day-2



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



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

