

SPECIAL BULLETIN -8

DATE: 24.05.2021

TIME: 1015HRS IST

Sub: Deep Depression over Eastcentral Bay of Bengal intensified into Cyclonic Storm 'Yaas' (pronounced as 'Yass') over Eastcentral Bay of Bengal – (Cyclone Alert for Odisha – West Bengal coasts-Yellow Message).

The Deep Depression over Eastcentral Bay of Bengal remained practically stationary during past 6 hours, intensified into Cyclonic Storm 'Yaas' (pronounced as 'Yass') and lay centred at 0530 hrs IST of today, the 24th May, 2021 over Eastcentral Bay of Bengal near latitude 16.3°N and longitude 89.7°E, about 600 km north-northwest of Port Blair (Andaman Islands), 540 km south-southeast of Paradip (Odisha), 650 km south-southeast of Balasore (Odisha) and 630 km south-southeast of Digha (West Bengal).

It is very likely to move slowly north-northwestwards, intensify further into a Severe Cyclonic Storm during next 24 hours and into a Very Severe Cyclonic Storm during subsequent 24 hours. It would continue to move north-northwestwards, intensify further and reach Northwest Bay of Bengal near north Odisha and West Bengal coasts by 26th May early morning. It is very likely to cross north Odisha-West Bengal coasts between Paradip and Sagar islands around noon of 26th May as a Very Severe Cyclonic Storm.

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
24.05.21/0530	16.3/89.7	60-70 gusting to 80	CYCLONIC STORM
24.05.21/1130	16.5/89.6	70-80 gusting to 90	CYCLONIC STORM
24.05.21/1730	16.8/89.5	90-100 gusting to 110	SEVERE CYCLONIC STORM
24.05.21/2330	17.3/89.1	110-120 gusting to 130	SEVERE CYCLONIC STORM
25.05.21/0530	18.2/88.5	130-140 gusting to 155	VERY SEVERE CYCLONIC STORM
25.05.21/1730	19.5/87.9	145-155 gusting to 170	VERY SEVERE CYCLONIC STORM
26.05.21/0530	20.8/87.3	155-165 gusting to 180	VERY SEVERE CYCLONIC STORM
26.05.21/1730	21.9/86.7	120-130 gusting to 145	VERY SEVERE CYCLONIC STORM
27.05.21/0530	22.8/86.3	55-65 gusting to 75	DEEP DEPRESSION
27.05.21/1730	23.4/85.8	35-45 gusting to 55	DEPRESSION

(i) Rainfall:

Days	Forecast	Heavy Rainfall Warning
Day-1: Valid from 0830 Hrs IST of 25.05.21 to 0830 Hrs IST of 26.05.21	Light to moderate rain or thundershower very likely to occur at many places over the districts of coastal Odisha and at isolated places over the districts interior Odisha.	NIL
Day-2: Valid from 0830 Hrs IST of 25.05.21 to 0830 Hrs IST of 26.05.21.	Light to moderate rain or thundershower very likely to occur at most places over the districts of coastal Odisha, at many places over the districts of north interior Odisha & at a few places over the districts of south interior Odisha.	Orange Warning (Be prepared) Heavy to very heavy rainfall very likely to occur at a few places over the districts of Balasore, Bhadrak, Jajpur, Kendrapada, Jagatsinghpur, Cuttack, Puri, Khurdha. Yellow Warning (Be updated) Heavy rainfall very likely to occur at isolated places over the districts of Mayurbhanj, Dhenkanal and Ganjam.
Day-3: Valid from 0830 Hrs IST of 26.05.21 to	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 with isolated extremely heavy fall very likely to occur over the districts of Balasore, Bhadrak, Jajpur,

0830 Hrs IST of 27.05.21		Kendrapada, Jagatsinghpur, Cuttack, Mayurbhanj, Keonjhar and Dhenkanal, Yellow Warning (Be updated) Heavy rainfall very likely to occur at isolated places over the districts of Anugul, Deogarh, Khurdha, Puri and Sundergarh.
Day-4: 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, Deogarh and Keonjhar.

(ii) Wind warning

- Gale winds speed reaching 60–70 kmph gusting to 80 kmph prevailing over Westcentral adjoining Eastcentral Bay of Bengal. It is very likely to increase further becoming Gale wind speed reaching 80 to 90 gusting to 100 kmph over major parts of central Bay of Bengal by 24th evening and would decrease gradually thereafter.
- Squally wind speed reaching 40-50 kmph gusting 60 kmph is very likely to prevail over North Bay of Bengal and adjoining westcentral Bay of Bengal along and off Odisha–West Bengal coasts from 24th afternoon. It would increase gradually becoming 50-60 kmph gusting to 70 kmph from 25th evening. It would further increase becoming gale wind speed 60-70 kmph gusting to 80 kmph from 26th early hours of 26th over northwest Bay of Bengal and along and off West Bengal & north Odisha coasts. It would gradually increase further becoming 90-100 gusting to 110 kmph from 26th morning and increase thereafter becoming 155-165 kmph gusting to 180 kmph at the time of landfall.
- Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely over north interior districts of Odisha during 26th evening to 27th morning.
(Wind warning for different districts given in Map below).

(iii) Sea condition

- Sea conditions are High to Very High over Westcentral & adjoining eastcentral Bay of Bengal. It is very likely to become gradually Very High to Phenomenal over northern parts of central Bay of Bengal, North Bay of Bengal and along & Odisha–West Bengal coasts during 24th – 26th May.

(iv) Fishermen Warning

The fishermen are advised not to venture into deep sea area of central Bay of Bengal from 24th – 25th May and into North Bay of Bengal along & off Odisha coast from 24th – 27th May, 2021.

v) Port Warning:

Replace Local Cautionary Signal No. 3 (LC- 3) by Local Warning Signal No. 4 (LW-4) at Paradip and Dhamra Ports and keep hoisted Local Cautionary Signal No. 3 (LC- 3) at Gopalpur and Puri Ports of Odisha.

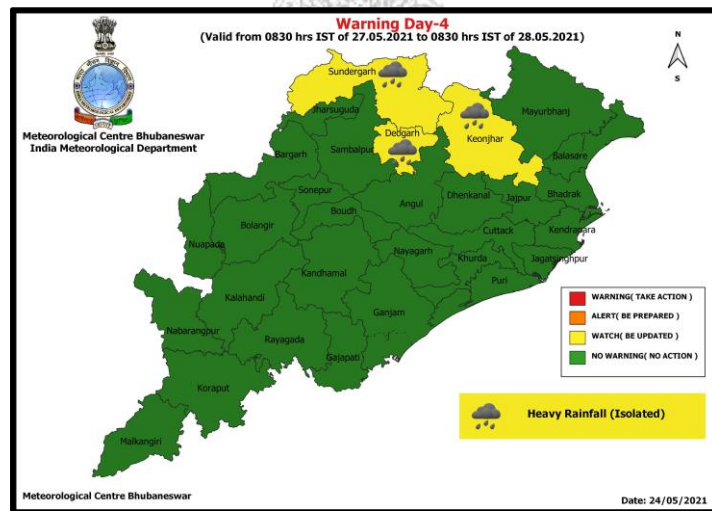
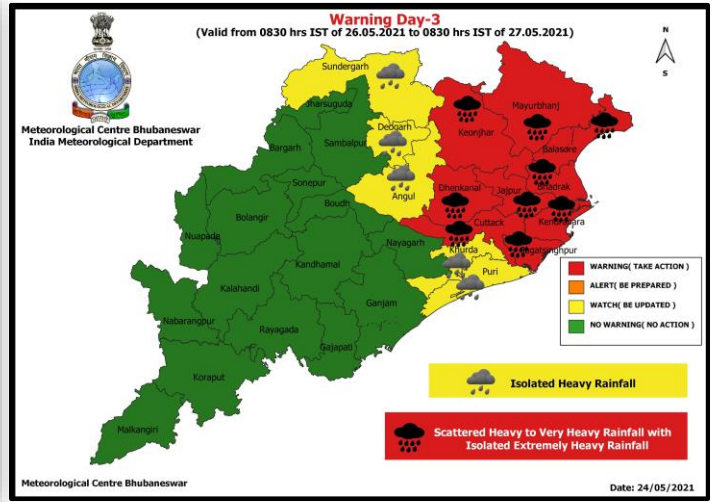
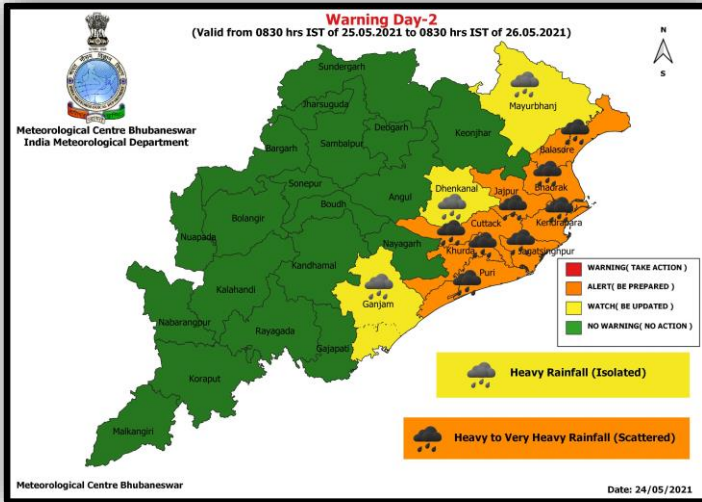
N.B: SPATIAL RAINFALL DISTRIBUTION: ISOLATED :=< 25%, A FEW: 26-50%, MANY: 51-75%, MOST: 76-100%, RAINFALL AMOUNT (MM): HEAVY RAIN: 64.5 – 115.5, VERY HEAVY RAIN: 115.6 – 204.4, EXTREMELY HEAVY RAIN: 204.5 OR MORE. PROBABILISTIC FORECAST: UNLIKELY :=< 25%, LIKELY 26-50%, VERY LIKELY 51-75%, MOST LIKELY > 7

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To

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-2 to Day-5



Wind warning for 25th to 27th May, 2021

