



SPECIAL BULLETIN -6

DATE: 23.05.2021

TIME: 2100HRS IST

Sub:Depression over eastcentral Bay of Bengal– (Pre-Cyclone watch for Odisha – West Bengal coasts).

The **Depression** over eastcentral Bay of Bengal moved west-northwestwards with a speed of 5 kmph during past 6 hours and lay centred at 1730 hrs IST of today, the 23rd May, 2021 near latitude 16.2°N and longitude 89.9°E, about 590 km north-northwest of Port Blair (Andaman Islands), 570 km south-southeast of Paradip (Odisha), 670 km south-southeast of Balasore (Odisha) and 650 km south-southeast of Digha (West Bengal). It is very likely to move slowly north-northwestwards and intensify into a **Cyclonic Storm** by 24th May morning and further into a Very Severe Cyclonic Storm during the 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 morning. It is very likely to cross north Odisha - West Bengal coasts between Paradip and Sagar Islands by evening of 26th May as a Very Severe Cyclonic Storm.

Date/Time(IST)	Position Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
23.05.21/1730	16.2/89.9	45-55 gusting to 65	DEPRESSION
24.05.21/0530	16.7/89.6	60-70 gusting to 80	CYCLONIC STORM
24.05.21/1730	17.3/89.4	80-90 gusting to 100	CYCLONIC STORM
25.05.21/0530	17.9/88.8	100-110 gusting to 120	SEVERE CYCLONIC STORM
25.05.21/1730	19.2/88.3	135-145 gusting to 160	VERY SEVERE CYCLONIC STORM
26.05.21/0530	20.8/87.6	155-165 gusting to 185	VERY SEVERE CYCLONIC STORM
26.05.21/1730	21.8/87.0	120-130 gusting to 145	VERY SEVERE CYCLONIC STORM
27.05.21/0530	22.5/86.5	70-80 gusting to 90	CYCLONIC STORM
27.05.21/1730	23.4/85.8	40-50 gusting to 60	DEPRESSION

Forecast and Warnings

(i) Rainfall:

Days	Forecast	Heavy Rainfall Warning
Day-3: 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.	Yellow Warning (Be updated) Heavy to very heavy rainfall very likely to occur at isolated places over the districts of Balasore, Bhadrak, Jajpur, Kendrapada, Jagatsinghpur, Cuttack, Puri, Khurda and Heavy rainfall at isolated places over the districts of Mayurbhanj, Dhenkanal and Ganjam.
Day-4: Valid from 0830 Hrs IST of 26.05.21 to 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 very likely to occur at a few places over the districts of Balasore, Bhadrak, Jajpur, Kendrapada, Jagatsinghpur, Cuttack, Mayurbhanj and Keonjhar with isolated extremely heavy fall over the districts of Mayurbhanj, Balasore, Bhadrak and Kendrapada. Yellow Warning (Be updated) Heavy rainfall very likely to occur at isolated places over the districts of Dhenkanal, Anugul, Deogarh, Khurda and Sundergarh.
Day-5: Valid from 0830 Hrs IST of	Light to moderate rain or thundershower very likely to occur at many places over the districts of north interior Odisha, at a	Yellow Warning (Be updated) Heavy rainfall very likely to occur at isolated places over the districts of Sundergarh, Deogarh and

27.05.21 to 0830 Hrs IST of 28.05.21	few over the districts of north coastal Odisha and at one or two places over the districts of south Odisha.	Keonjhar.
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(ii) Wind warning

- Squally wind speed reaching 45–55 kmph gusting to 65 kmph is likely to prevail over and around Andaman & Nicobar Islands, Andaman Sea & adjoining eastcentral and southeast Bay of Bengal during next 06 hours. It is very likely to increase becoming 55–65 kmph gusting to 75 kmph over eastcentral Bay of Bengal and adjoining north Andaman Sea from tonight. It is very likely to increase further becoming Gale wind speed reaching 70 to 80 gusting to 90 kmph over major parts of central Bay of Bengal from 24th forenoon for subsequent 12 hours 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 along and off Odisha – West Bengal coasts from 24th evening. 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 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 185 kmph at the time of landfall till 26th afternoon.
- 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 will be rough to very rough over Andaman Sea & adjoining eastcentral Bay of Bengal on 23rd & 24th May, High to very High / Phenomenal over major parts of central Bay of Bengal, north Bay of Bengal and along & off 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 23rd – 25th May and into North Bay of Bengal along & off Odisha coast from 24th – 27th May, 2021.

Fishermen, those who are out in the Deep Sea are advised to return to the coast by today, 23rd May, 2021.

(v) Port Warning:

Keep hoisted Distance cautionary signal No.1 (DC1) in all ports of Odisha.

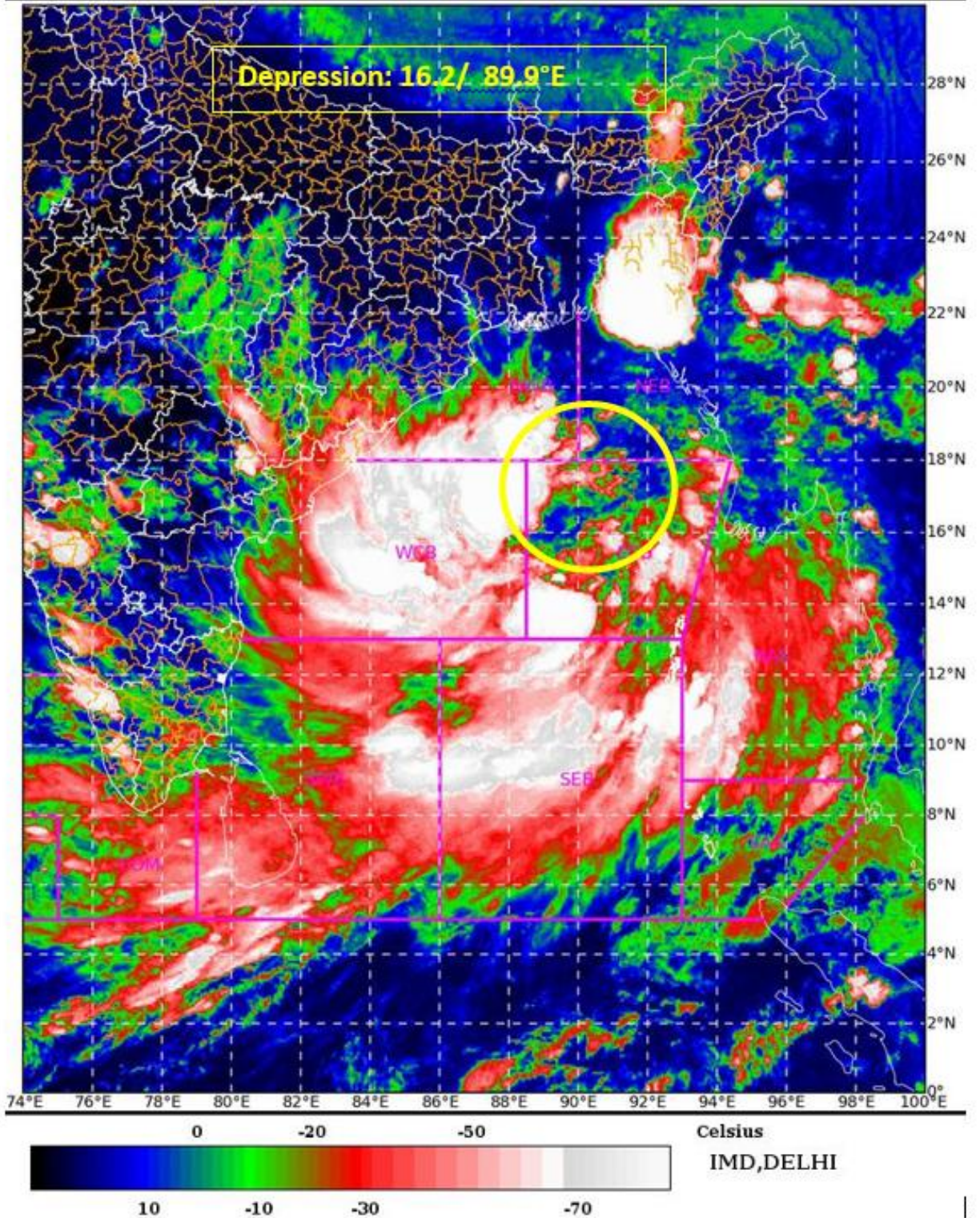
Dr.H.R. Biswas,
Head & Scientist-E,
Met .Centre Bhubaneswar

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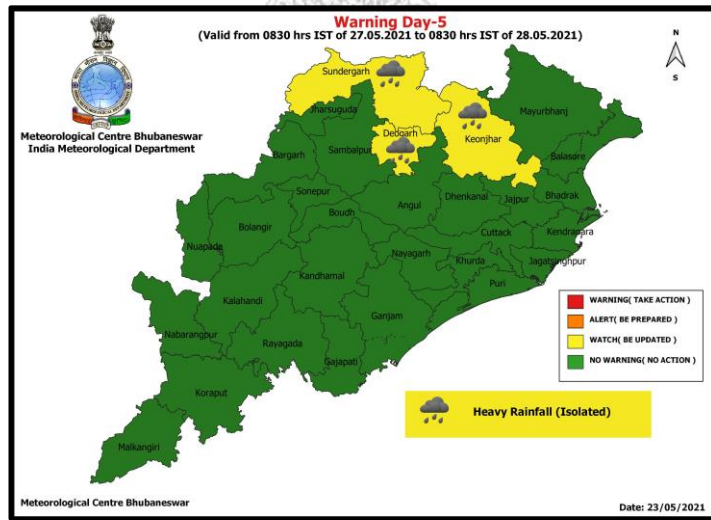
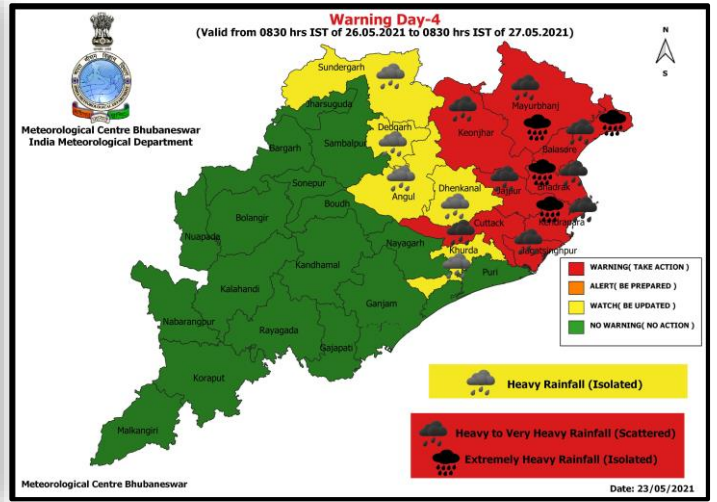
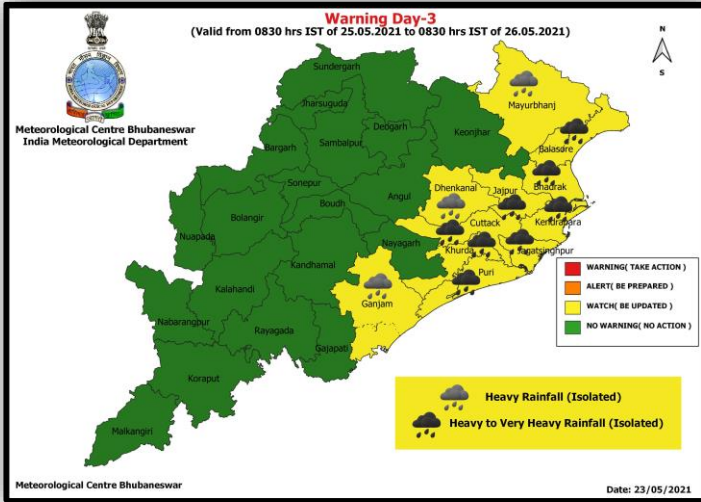
1. CHIEF SECRETARY, GOVT OF ODISHA.
2. PRINCIPAL SECRETARY, REVENUE & DISASTER MANAGEMENT, GOVT. OF ODISHA.
3. PRINCIPAL SECRETARY, DEPT. OF AGRICULTURE, GOVT. OF ODISHA.
4. PRINCIPAL SECRETARY, DEPARTMENT OF WATER RESOURCES, GOVT, OF ODISHA.
5. SPECIAL RELIEF COMMISSIONER (SRC), GOVT. OF ODISHA BHUBANESWAR.
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.



SAT : INSAT-3D IMG 23-05-2021/(1300 to 1326) GMT
IMG_TIR1_TEMP 10.8 um 23-05-2021/(1830 to 1856) IST
L1C Mercator



Rainfall Warning Maps for Day-3 to Day-5



Wind warning for 25th to 27th May, 2021

