



SPECIAL BULLETIN -5

DATE: 23.05.2021

TIME: 1400HRS IST

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

Latest satellite imageries and Ocean Buoy observations indicate that yesterday's low pressure area which became well-marked over eastcentral Bay of Bengal in the same evening has concentrated into a **Depression** over east-central Bay of Bengal and lay centred at 1130 hrs IST of today, the 23rd May, 2021 near latitude 16.1°N and longitude 90.2°E, about 560 km north-northwest of Port Blair (Andaman Islands), 590 km east-southeast of Paradip (Odisha), 690 km south-southeast of Balasore (Odisha) and 670 km south-southeast of Digha (West Bengal). It is very likely to move 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 West Bengal and north Odisha 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
23.05.21/1130	16.1/90.2	45-55 gusting to 65	DEPRESSION
23.05.21/2330	16.6/89.8	55-65 gusting to 75	DEEP DEPRESSION
24.05.21/1130	17.3/89.6	70-80 gusting to 90	CYCLONIC STORM
24.05.21/2330	17.6/89.3	90-100 gusting to 110	SEVERE CYCLONIC STORM
25.05.21/1130	18.2/88.7	120-130 gusting to 145	VERY SEVERE CYCLONIC STORM
25.05.21/2330	19.7/88.1	145-155 gusting to 170	VERY SEVERE CYCLONIC STORM
26.05.21/1130	21.2/87.4	155-165 gusting to 185	VERY SEVERE CYCLONIC STORM
26.05.21/2330	22.0/86.9	100-110 gusting to 120	SEVERE CYCLONIC STORM
27.05.21/1130	23.1/86.0	45-55 gusting to 65	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, Khurdha 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, Khurdha and Sundergarh.
Day-5: 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

- 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 on 23rd May. 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 23rd Night. It is very likely to increase further becoming Gale wind speed reaching 65 to 75 gusting to 85 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 – Bangladesh 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 along and off West Bengal & adjoining north Odisha and Bangladesh coasts. It would gradually increase further becoming 90-100 gusting to 110 kmph from 26th forenoon and increase thereafter till 26th evening.

(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 - Bangladesh coasts during 24th – 26th May.

Fishermen Warning

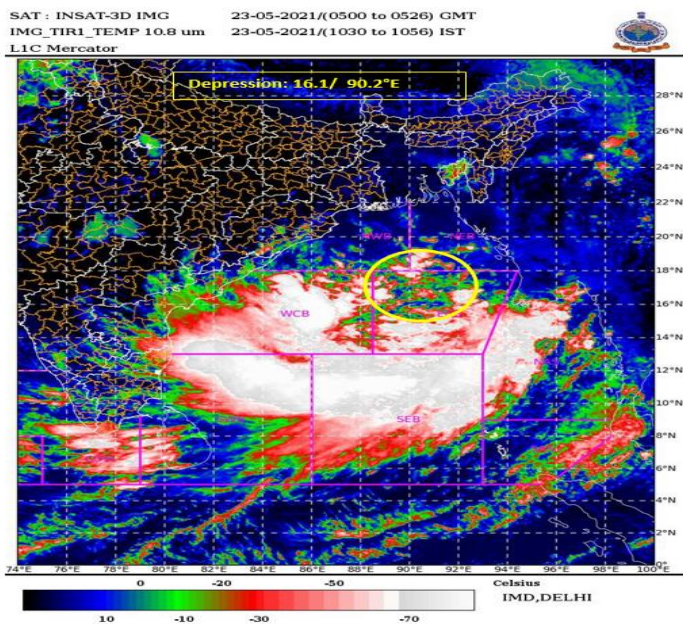
The fishermen are advised not to venture into deep sea area of central Bay of Bengal from 23rd – 25th May and into North Bay of Bengal along & off Odisha coast from 24th – 27th May, 2021.

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

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

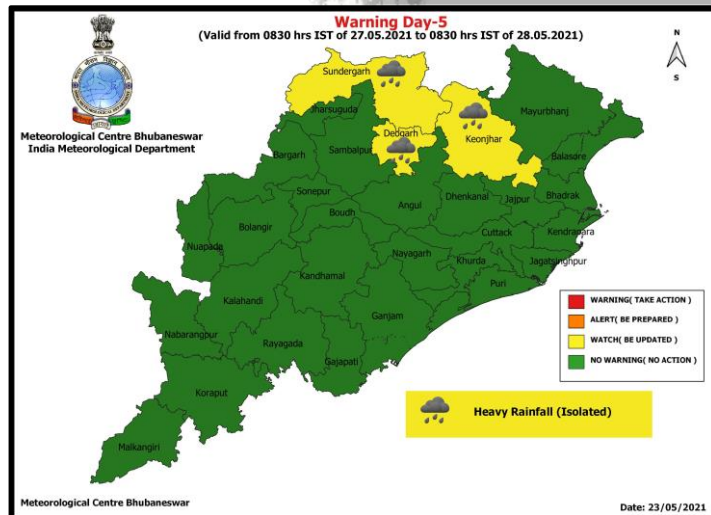
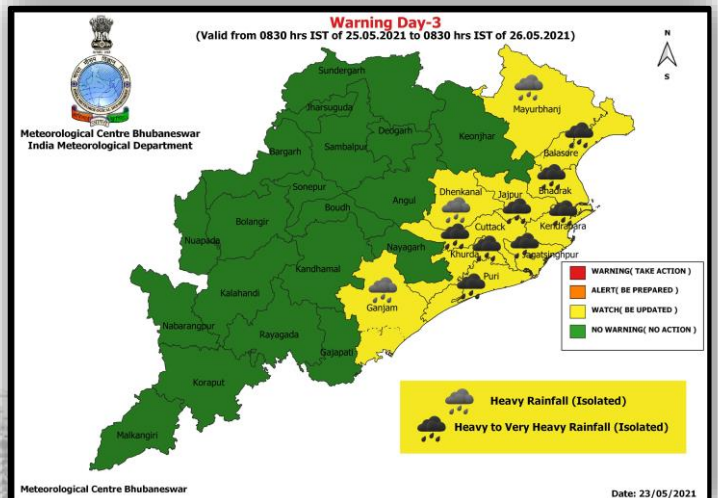
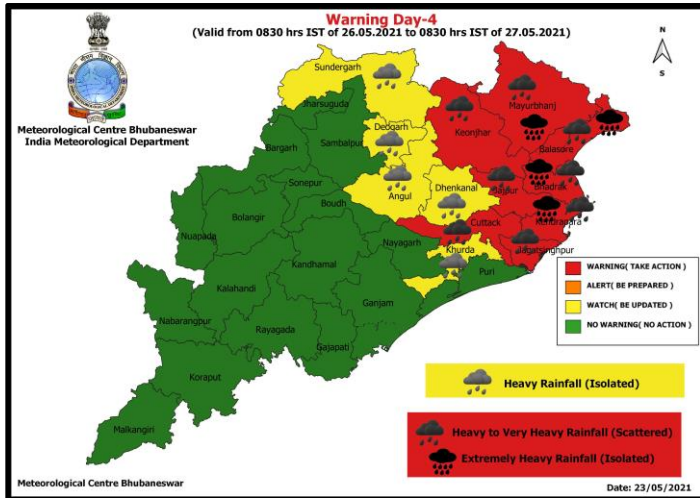
To

- CHIEF SECRETARY, GOVT OF ODISHA.
- PRINCIPAL SECRETARY, REVENUE & DISASTER MANAGEMENT, GOVT. OF ODISHA.
- PRINCIPAL SECRETARY, DEPT. OF AGRICULTURE, GOVT. OF ODISHA.
- PRINCIPAL SECRETARY, DEPARTMENT OF WATER RESOURCES, GOVT. OF ODISHA.
- SPECIAL RELIEF COMMISSIONER (SRC), GOVT. OF ODISHA BHUBANESWAR.
- REVENUE SECRETARY, GOVT. OF ODISHA, BHUBANESWAR.
- M.D., OSDMA, GOVT. OF ODISHA, BHUBANESWAR.
- RDC, CENTRAL DIVISION/ SOUTHERN DIVISION/ NORTHERN DIVISION.
- AIR CUTTACK / DOORDARSHAN.





Rainfall Warning Maps for Day-3 to Day-5



Wind warning for 25th to 27th May, 2021

