



**PRESS RELEASE NO-5**

**DATE: 17.05.2020**

**TIME: 1400 HRS IST**

**SUB: The Cyclonic Storm ‘AMPHAN’ (pronounced as UM-PUN) over Southeast Bay of Bengal and neighbourhood intensified into a Severe Cyclonic Storm over the same region. Cyclone Alert for West Bengal Coast and **Cyclone watch for Odisha coast: Yellow Message.****

Yesterday’s depression over southeast Bay of Bengal (BoB) intensified into a deep depression in the same afternoon (1430 hrs IST of 16<sup>th</sup> May), into cyclonic storm ‘AMPHAN’ (pronounced as UM-PUN)’ in the same evening (1730 hrs IST of 16<sup>th</sup> May) over the central parts of south BoB. It further intensified into a **Severe cyclonic storm** at 0830 hrs IST of today, the 17<sup>th</sup> May, 2020 and lay centred over the same region near latitude 11.4°N and longitude 86.0°E, about 990 km south of Paradip (Odisha), 1140 km south- southwest of Digha (West Bengal) and 1260 km south-southwest of Khepupara (Bangladesh). It is very likely to intensify further into a very severe cyclonic storm during next 12 hours. It is very likely to move nearly northwards slowly during next 24 hours and then re-curve north-northeastwards and move fast across northwest BoB and cross West Bengal – Bangladesh coasts between Sagar Islands (West Bengal) and Hatiya Islands (Bangladesh) during afternoon / evening of 20<sup>th</sup> May 2020 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
17.05.20/0830	11.4/86.0	90-100 gusting to 110	SEVERE CYCLONIC STORM
17.05.20/1130	11.7/85.9	95-105 gusting to 115	SEVERE CYCLONIC STORM
17.05.20/1730	12.3/85.8	105-115 gusting to 125	SEVERE CYCLONIC STORM
17.05.20/2330	13.1/85.9	115-125 gusting to 140	VERY SEVERE CYCLONIC STORM
18.05.20/0530	13.7/86.0	125-135 gusting to 150	VERY SEVERE CYCLONIC STORM
18.05.20/1730	14.8/86.2	145-155 gusting to 170	VERY SEVERE CYCLONIC STORM
19.05.20/0530	16.1/86.6	160-170 gusting to 190	EXTREMELY SEVERE CYCLONIC STORM
19.05.20/1730	17.6/87.2	170-180 gusting to 200	EXTREMELY SEVERE CYCLONIC STORM
20.05.20/0530	19.6/88.0	170-180 gusting to 200	EXTREMELY SEVERE CYCLONIC STORM
20.05.20/1730	21.7/89.0	155-165 gusting to 180	VERY SEVERE CYCLONIC STORM
21.05.20/0530	23.5/89.7	95-105 gusting to 115	SEVERE CYCLONIC STORM
21.05.20/1730	25.3/90.2	40-50 gusting to 60	DEPRESSION

**WEATHER FORECAST AND WARNING FOR NEXT FIVE DAYS**

**RAINFALL:**

DAYS	FORECAST	HEAVY RAINFALL WARNING
Day 1 (Valid upto 0830 HRS IST of 18.05.2020)	Light to moderate rain or thundershower very likely to occur at one or two places over the districts of coastal Odisha and Koraput, Rayagada, Malkangiri, Nawarangpur, Knadhamal, Keonjhar, Mayurbhanj, Dhenkanal and dry weather likely to prevail over rest districts of Odisha.	NIL

Day 2 (Valid from 0830 hrs IST of 18.05.2020 upto 0830 HRS IST of 19.05.2020)	Light to moderate rain or thundershower very likely to occur at many places over the districts of coastal Odisha and Koraput, Rayagada, at one or two places over rest district of Odisha.	<b>YELLOW WARNING (BE UPDATED):</b> Heavy rainfall very likely to occur at isolated places over the district of Gajapati, Ganjam, Puri, Jagatsinghpur and Kendrapara. Rainfall will commence from 18th May evening.
Day 3 (Valid from 0830 hrs IST of 19.05.2020 up to 0830 HRS IST of 20.05.2020)	Light to moderate rain or thundershower very likely to occur at most places over the districts of coastal Odisha, at a few places over districts of rest Odisha.	<b>ORANGE WARNING (BE PREPARED):</b> Heavy to very heavy rainfall very likely to occur at a few places over the districts of coastal Odisha.
Day 4 (Valid from 0830 hrs IST of 20.05.2020 up to 0830 HRS IST of 21.05.2020)	Light to moderate rain or thundershower very likely to occur at most places over the district of North Coastal Odisha, Mayurbhanj and at a few places over the rest districts of Odisha.	<b>YELLOW WARNING (BE UPDATED):</b> Heavy rainfall very likely to occur at isolated places over the district of Balasore, Bhadrak, Jajpur, Kendrapara, Mayurbhanj and Keonjhar.
Day 5 (Valid from 0830 hrs IST of 21.05.2020 up to 0830 HRS IST of 22.05.2020)	Light to moderate rain or thundershower very likely to occur at one or two places over the district of North Odisha and dry weather likely to prevail over the district of south Odisha	<b>NIL</b>

**WIND WARNING:**

**Odisha Coast:**

**Yellow Warning (Be Updated):** -Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely to commence along and off south Odisha coast from 18<sup>th</sup> evening.

**Orange Warning (Be Prepared):**

**Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is likely along and off Odisha coast on 19<sup>th</sup> May. The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20<sup>th</sup> morning along and off north Odisha coast.**

**Bay of Bengal**

Squally wind speed reaching 80 to 90 kmph gusting to 100 kmph is prevailing over southeast and adjoining southwest Bay of Bengal. It is likely to increase becoming 125-135 gusting to 150 kmph over southern parts of central Bay of Bengal by 18<sup>th</sup> morning, 160-170 gusting to 190 kmph over northern parts of central Bay of Bengal and adjoining North Bay of Bengal on 19<sup>th</sup>, and 155-165 gusting to 180 kmph over North Bay of Bengal during 20<sup>th</sup> May.

**Sea condition**

Sea condition will very high over southwest and adjoining central Bay of Bengal during next 24 hours. It will become phenomenal over southern parts of central Bay of Bengal from tonight, over northern parts of central Bay of Bengal and adjoining north Bay of Bengal on 19<sup>th</sup> May and over north Bay of Bengal on 20<sup>th</sup> May 2020.

**Fishermen Warning**

**Fishermen warning for deep sea area:**

The fishermen are advised not to venture into south Bay of Bengal till 17<sup>th</sup> May, to central Bay of Bengal during 17<sup>th</sup> to 18<sup>th</sup> May and North Bay of Bengal during 19 to 20<sup>th</sup> May 2020.

**Fishermen warning for Odisha Coast: (Red Warning(Take Action))**

**Fishermen are advised not to venture into the sea along and off Odisha coast from 18<sup>th</sup> May onwards till further notice. Those who are out of sea are advised to return to the coast by tonight, 17<sup>th</sup> May, 2020.**

**Port Warning:**

**Keep hoisted Distant Warning Signal No.2 (DW-2) at all 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.



SAT : INSAT-3D IMG 17-05-2020/(0400 to 0427) GMT  
IMG\_TIR1\_TEMP 10.8 um 17-05-2020/(0930 to 0957) IST  
L1C Mercator



