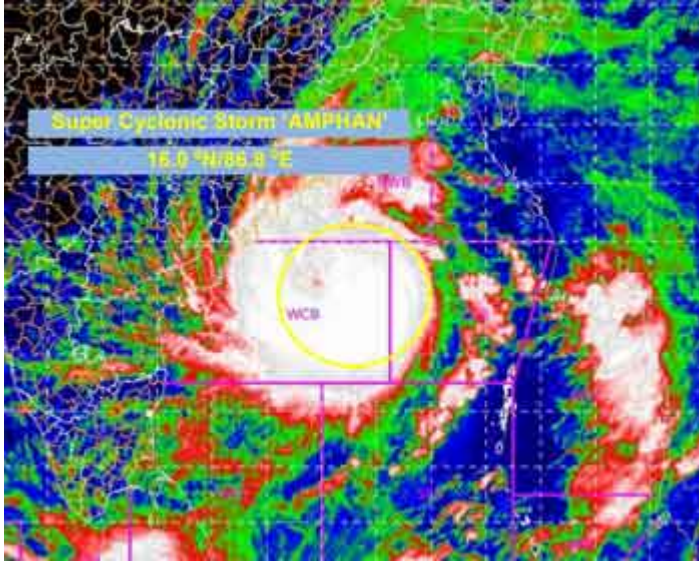


Super Cyclone AMPHAN is now being continuously tracked by the DWR

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INVC NEWS

New Delhi,

According to the **latest release (at 1100 Hrs. IST)** by the National Weather Forecasting Centre/Cyclone Warning Division of the India Meteorological Department:

The **Super Cyclonic Storm 'AMPHAN'** (pronounced as **UM-PUN**) over Westcentral Bay of Bengal moved north-northeastwards with a speed of 15 kmph during past 06 hours and lay centred at 0830 hrs IST of 19th May, 2020 near latitude 16.0°N and longitude 86.8°E over **Westcentral Bay of Bengal** about 480 km nearly south of Paradip (Odisha), 630 km south-southwest of Digha (West Bengal) and 750 km south-southwest of Khepupara (Bangladesh).

It is very likely to move north-northeastwards across northwest Bay of Bengal and cross West Bengal - Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during the Afternoon / Evening of 20th May 2020 with maximum sustained wind speed of 155-165 kmph gusting to 185 kmph.

The Super Cyclone 'AMPHAN' is now being continuously tracked by the Doppler Weather Radar (DWR) at Vishakhapatnam (Andhra Pradesh).

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
19.05.20/0830	16.0/86.8	215-225 gusting to 245	Super Cyclonic Storm

19.05.20/1130	16.8/87.0	200-210 gusting to 230	Extremely Severe Cyclonic Storm
19.05.20/1730	17.4/87.1	190-200gusting to 220	Extremely Severe Cyclonic Storm
19.05.20/2330	18.3/87.4	180-190 gusting to 210	Extremely Severe Cyclonic Storm
20.05.20/0530	19.6/87.8	170-180 gusting to 200	Extremely Severe Cyclonic Storm
20.05.20/1730	21.7/88.4	145-155 gusting to 170	Very Severe Cyclonic Storm
21.05.20/0530	23.8/89.1	75-85 gusting to 95	Cyclone
21.05.20/1730	25.9/89.9	40-50 gusting to 60	Depression

(1) Heavy rainfall Warning:

Odisha

Rainfall has commenced over coastal Odisha since early hours of today. Rainfall intensity is likely to increase gradually and become maximum during 19th night to 20th afternoon.

Light to moderate rainfall is very likely at most places of coastal Odisha with heavy to very heavy rainfall at isolated places Jagatsinghpur, Kendrapara and Bhadrak Districts and isolated heavyfalls over Jajpur, Balasore, Cuttack, Mayurbhanj, Khordha & Puri districts on 19th May and isolated heavy to very heavy rainfall at isolated places over north coastal Odisha (Jagatsinghpur, Bhadrak and Keonjhar Districts) on 20th May 2020.

West Bengal

Coastal districts of Gangetic West Bengal (East Medinipur, South & North 24 Parganas) are likely to experience light to moderate rainfall at many places commencing from today, the 19th May afternoon. **Rainfall intensity is likely to increase gradually and become maximum on 20th May.** Rainfall at most places with heavy to very heavy falls at a few places & extremely heavy falls at isolated places likely over Gangetic West Bengal (east & west Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata and adjoining districts) on 20th May and isolated heavy rain over interior districts on 21st May, 2020.

Sub-Himalayan West Bengal and Sikkim

Light to moderate rainfall at most places with heavy to very heavy falls at a few places over Malda & Dinajpur districts on 20th May and over most of the districts of Sub-Himalayan West Bengal & Sikkim on 21st May, 2020.

Assam & Meghalaya

Light to moderate rainfall at most places with heavy to very heavy falls at a few places over the western districts of Assam & Meghalaya on 21st May.

(2) Wind warning

West Bengal & Odisha

- Squally wind speed reaching 45 to 55 kmph gusting to 65 kmph is prevailing along & off south Odisha coast. It is very likely to increase and extend northwards becoming 55 to 65 kmph gusting to 75 kmph northwards to north Odisha coast by today afternoon and along & off West Bengal coast by tonight.
- The wind speed will gradually increase becoming gale wind speed reaching 75 to 85 kmph gusting to 95 kmph from 20th morning along and off north Odisha (Jagatsinghpur, Kendrapara, Bhadrak, Balasore and Mayurbhanj districts) coast and West Bengal (east & west Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata Districts) coast. **It will gradually increase thereafter becoming 100 to 110 kmph gusting to 125 kmph along & off the above mentioned districts of North Odisha.**
- **Gale wind speed reaching 155 to 165 kmph gusting to 185 kmph very likely along & off east Medinipur and north & south 24 Parganas districts and 110-120 kmph gusting to 130 kmph over Kolkata, Hoogli, Howrah and West Medinipur Districts of West Bengal during the time of landfall (20th afternoon to night).**
- Squally wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over Puri, Khordha, Cuttack, Jajpur districts of Odisha during 20th May 2020.

Deep Sea area

- Gale wind speed reaching 225-235 gusting to 255 kmph is prevailing over westcentral Bay of Bengal. It is likely to prevail over northern parts of central Bay of Bengal and adjoining North Bay of Bengal during 19th May.
- Gale wind speed reaching 180-190 gusting 210 kmph over north Bay of Bengal from 19th afternoon. It will gradually decrease becoming 165-175 kmph gusting to 195 kmph by 20th afternoon.

(3) Sea condition:

- Sea condition is Phenomenal and is likely to continue for next 12 hours over southern parts of Westcentral Bay of Bengal. It will become Phenomenal over northern parts of central Bay of Bengal and adjoining north Bay of Bengal on 19th May and over north Bay of Bengal on 20th May 2020.

(4) Fishermen Warning

- The fishermen are advised not to venture into west-central and adjoining central parts of south Bay of Bengal during next 24 hours, into central Bay of Bengal and North Bay of Bengal during 19th to 20th May 2020.
- Also, fishermen are advised not to venture into North Bay of Bengal along and off North Odisha, West Bengal and adjoining Bangladesh coasts till 20th May 2020.

(5) Storm Surge expected

- Storm Surge of about 4-5 meters above Astronomical Tide is likely to inundate low lying areas of south & north 24 Parganas and about 3-4 meters over the low lying areas of East Medinipur District of West Bengal during the time of Landfall. (Figure enclosed)

(6)Damage Expected and Action suggested

(a) West Bengal (east Medinipur, south & north 24 Parganas, Howrah, Hoogli, Kolkata districts)

Damage Expected:

- Extensive damage to all types of kutchha houses, some damage to old badly managed Pucca structures. Potential threat from flying objects.
- Extensive uprooting of communication and power poles.
- Disruption of rail/road link at several places.
- Extensive damage to standing crops, plantations, orchards.
- Blowing down of Palm and coconut trees.
- Uprooting of large bushy trees.
- Large boats and ships may get torn from their moorings.

Fishermen Warning & Action Suggested:

- Total suspension of fishing operations till 20th May 2020.
- Diversion or suspension of rail and road traffic.
- People in affected areas to remain indoors. Mobilise evacuation from Low lying areas.
- Movement in motor boats and small ships not advisable.

(b) Odisha (Jagatsinghpur, Kendrapara, Bhadrak, Balasore, Jajpur & Mayurbhanj)

Damage Expected:

- Total destruction of thatched houses/ extensive damage to kutchha houses. Potential threat from flying objects.
- Bending/ uprooting of power and communication poles.
- Major damage to Kutchha and Pucca roads. Minor 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.

Fishermen Warning & Action Suggested:

- Total suspension of fishing operations till 20th May 2020.
- Diversion or suspension of rail and road traffic.
- People in affected areas to remain indoors.
- Movement in motor boats and small ships not advisable.

[\(Please see graphics in this link here\)](#)

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