



## PRESS RELEASE - 8

Time of issue: 1600 hours IST

Dated: 19-05-2020

Sub: Super cyclone, Amphan over Bay of Bengal to affect north Odisha coasts

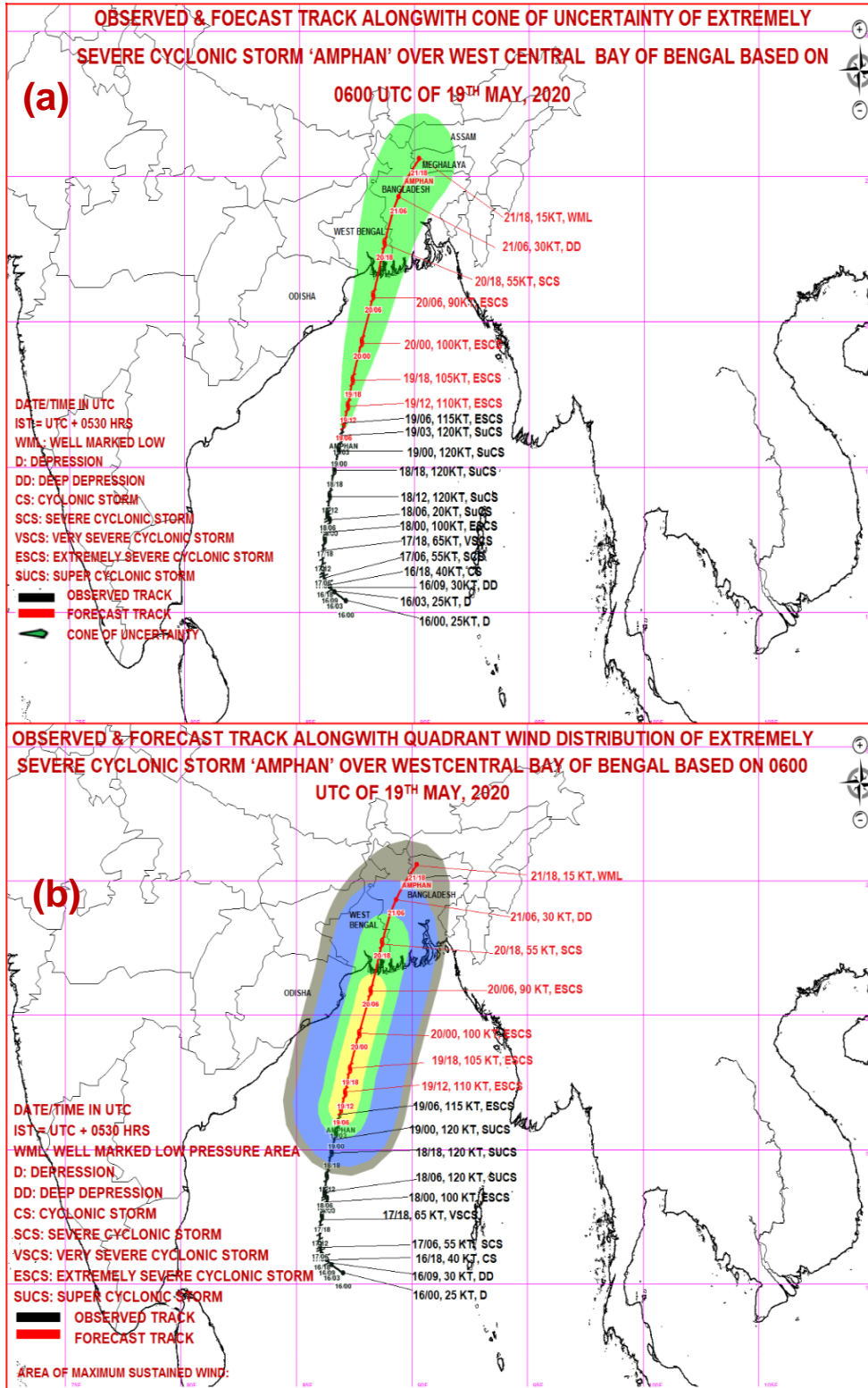
- **Super Cyclone AMPHAN** is a very intense cyclone with associated wind speed of 200-210 kmph. It is located about 360 km south of Paradeep.
- It is expected to cross West Bengal–Bangladesh coasts between Digha (West Bengal) and Hatiya Islands (Bangladesh) close to Sundarbans during afternoon to evening of 20<sup>th</sup> May 2020.
- It will hit land with wind speed of 155-165 kmph gusting to 185 kmph.
- It will cause heavy to very heavy rainfall over coastal Odisha on 19<sup>th</sup> and 20<sup>th</sup>.

### Damage expected over Odisha (Jagatsinghpur, Kendrapara, Bhadrak, Balasore, Jajpur & Mayurbhanj)

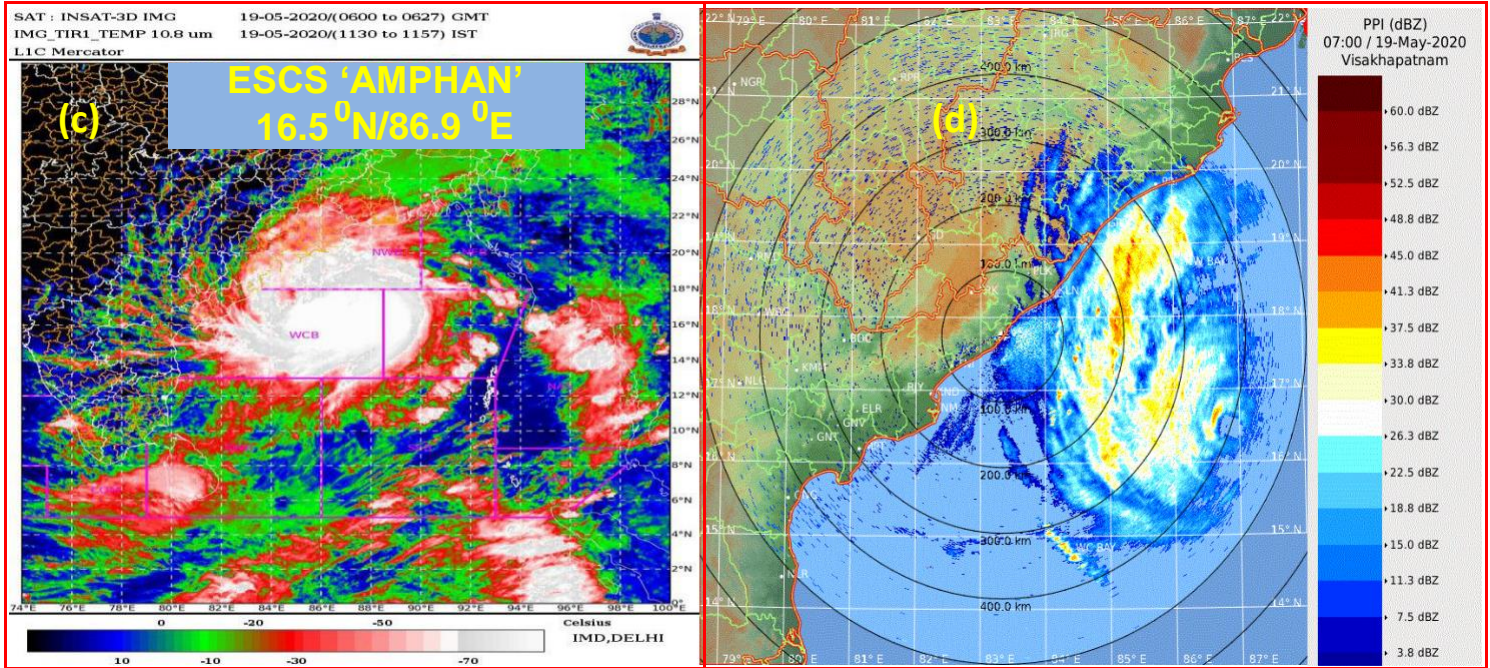
- **Total destruction of thatched houses/ extensive damage to kutcha houses.** Potential threat from flying objects. **Bending/ uprooting of power and communication poles.**
- **Major** damage to Kutcha and Pucca roads. Minor disruption of railways, overhead power lines and signalling systems.
- **Widespread 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.
- **Total suspension of fishing operations** till 20<sup>th</sup> 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.**

**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.



Observed and forecast track of extremely severe cyclonic storm AMPHAN alongwith of (a) cone of uncertainty and (b) quadrant wise wind districts



(c) INSAT-3D imagery based on 1130 hrs IST and (d) Doppler weather radar imagery from Visakhapatnam based on 1230 hrs IST of 19<sup>th</sup> May, 2020