

## 'Super cyclone' Amphan batters Bangladesh, India

May 20 2020, by Sam Jahan With Sailendra Sal In Kolkata



A woman carries her child as she walks along a road near the Tajpur Beach to take shelter ahead of the expected landfall of Cyclone Amphan in Midnapore, West Bengal, on May 20, 2020

The strongest cyclone in decades slammed into Bangladesh and eastern



India on Wednesday, sending water surging inland and leaving a trail of destruction as the death toll rose to at least nine.

High winds and torrid rains pounded coastal villages and cities, bringing down power lines, uprooting trees and inundating homes.

"The situation is more worrying than the coronavirus pandemic. We don't know how to handle it," India's West Bengal state leader Mamata Banerjee told reporters late Wednesday.

"Almost everything is destroyed in the coastal villages of the state."

Authorities had scrambled to evacuate more than three million people from low-lying areas, but the task was complicated by the need to prevent the spread of coronavirus.

In Bangladesh officials confirmed six deaths including a five-year-old boy and a 75-year-old man, both hit by falling trees, and a cyclone emergency volunteer who drowned.

Bangladesh meteorological department chief Shamsuddin Ahmed said the cyclone hit the southwestern coastal district of Satkhira with winds at 151 kilometres per hour (93.8 mph).

Some three million people were left without power, Bangladesh officials said. Much of the impoverished nation of 168 million people was pounded by heavy rains.





Villagers reinforce an embankment with sacks of soil ahead of the expected landfall of Cyclone Amphan, in Dacope, Bangladesh on May 20, 2020

Three other people died after being hit by uprooted trees in India's West Bengal, the state's disaster management minister Javed Khan told AFP.

Two other fatalities were reported by Indian media in Odisha state. AFP could not verify the deaths.

Some 224.6 millimetres (0.7 feet) of rain fell from early Wednesday and winds up to 113 kph (70 mph) lashed Kolkata, capital of West Bengal state and home to some 14.7 million people.

Some of the historic city was plunged into darkness as power lines were



knocked out.

Video shared on social media showed electricity transformers sparking and exploding in the wild weather. Media reports said 5,500 houses were damaged in one West Bengal district.

The cyclone is expected to weaken as it moves north and northeast, and recede to a tropical depression by midday Thursday, the Indian Meteorological Department said.





Map showing the forecast path of Cyclone Amphan.



## **Storm surges**

Amphan is the first "super cyclone" to form over the Bay of Bengal since 1999, and packed winds gusting up to 185 kph.

It brought a storm surge—a wall of ocean water that is often one of the main killers in major weather systems—that roared inland, media reports said.

In southwestern Bangladesh, a five-feet-high storm surge broke an embankment and swamped farmland, local police told AFP.

Bangladesh officials were particularly concerned about the damage to the Sunderbans, a UNESCO world heritage site famed for its mangrove forest and tiger population, which they said bore the brunt of the cyclone.

"We still haven't got the actual picture of the damage. We are particularly concerned over some wild animals. They can be washed away during storm surge in high tide," forest chief Moyeen Uddin Khan told AFP.





Authorities were using extra shelter space to reduce crowding to protect people from coronavirus infection

Houses "look like they have been run over by a bulldozer", said Babul Mondal, 35, a villager on the edge of the Indian side of the Sunderbans.

"Everything is destroyed."

Bangladesh's low-lying coast, home to 30 million people, and India's east are regularly battered by cyclones that have claimed the lives of hundreds of thousands of people in recent decades.

The 1999 super cyclone left nearly 10,000 dead in Odisha, eight years after a typhoon, tornadoes and flooding killed 139,000 in Bangladesh.



In 1970, half a million perished.

While the frequency and intensity of storms have increased—blamed partly on climate change—casualties have fallen thanks to faster evacuations, better technology and more shelters.

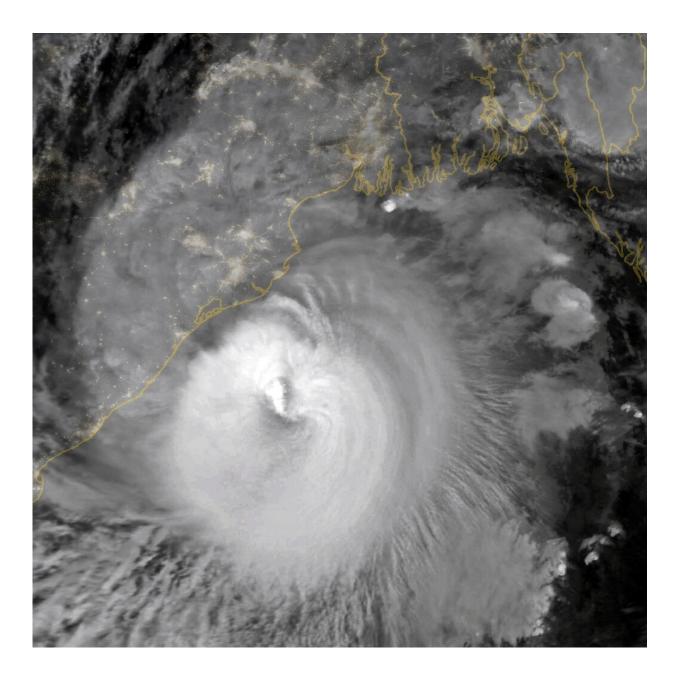
## **Virus complications**

Bangladesh authorities had feared Amphan will be the most powerful storm front since Cyclone Sidr killed about 3,500 people in 2007.



A man rides a bicycle under the rain ahead of the expected landfall of Cyclone Amphan in Midnapore, West Bengal, on May 20, 2020





This NASA Earth Observatory image obtained May 20, 2020, shows Tropical Cyclone Amphan at 1615 GMT May 19, 2020 as it moved north-northeast over the Bay of Bengal



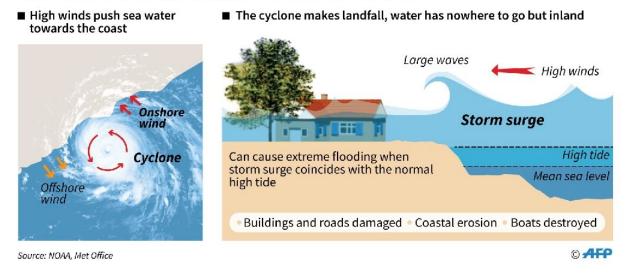


Amphan is only the second 'super cyclone' to form in the northeastern Indian Ocean since records began



## Storm surge

Cyclone winds can be deadly, but surging water levels can also threaten life



Graphic showing how cyclones can create storm surges which flood coastal areas.

Enamur Rahman, Bangladesh's junior minister for disaster management, told AFP 2.4 million people and over half a million livestock were brought to shelters.

India evacuated more than 650,000 in West Bengal and Odisha.

Because of coronavirus, authorities used extra shelter space to reduce crowding, while making face masks compulsory and setting aside isolation rooms.

Infection numbers are still soaring in both countries.

Sulata Munda, a tribal villager in Bangladesh, said she and fellow villagers decided not to go to a shelter.



"We fear the cyclone, but we also fear the coronavirus," the mother of four told AFP.

Although outside Amphan's predicted path, there were fears for the almost one million Rohingya refugees in southeastern Bangladesh—most living in flimsy, makeshift shacks.

There were also concerns for hundreds of Rohingya thought to be out at sea in rickety boats and denied entry by Thailand and Malaysia in recent weeks because of coronavirus restrictions.

© 2020 AFP

Citation: 'Super cyclone' Amphan batters Bangladesh, India (2020, May 20) retrieved 25 April 2024 from <u>https://phys.org/news/2020-05-super-cyclone-bangladesh-india.html</u>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.