



# CYCLONIC STORM (TAUKTAE) - UPDATE - 08

ARABIAN SEA

PHOTOGRAPHS OF IMPACTS OF TAUKTAE

AS OF 18 MAY 2021, AT 0600 HRS UTC  
(1300 HRS ICT)

COUNTRIES TO BE AFFECTED  
INDIA

### CURRENT LOCATION

LATITUDE: 22.2°N – LONGITUDE: 71.6°E

CENTER OF CYCLONIC STORM "TAUKTAE"  
LOCATED 140 KM SOUTHWEST OF AHMEDABAD,  
60 KM SOUTH OF SURENDRANAGAR AND 75 KM  
NORTHEAST OF AMRELI

### CURRENT STORM CLASSIFICATION

CYCLONIC STORM

**CURRENT MAX WIND SPEED**  
75-85 KM/H AT CENTER & GUSTINESS OF  
UPTO 95 KM/H

**LANDFALL FORECAST**  
LANDFALL ALREADY OCCURRED

### SITUATION OVERVIEW

Severe cyclonic storm 'Tauktae' weakened into a cyclonic storm and lay centred at 1130 hrs IST of 18<sup>th</sup> May 2021 over Saurashtra. It moved northeast wards with a speed of 12 kmph during past 06 hours and would move further north-northeastwards and will weaken gradually into a deep depression during next 06 hours.

### ASSOCIATED HAZARDS



**STRONG WIND:** Gale wind speed reaching 80-90 kmph gusting to 100 kmph is likely to prevail over gulf of Khambhat & adjoining northeast Arabian sea during next 06 hours. It is likely to reduce gradually thereafter. Squally wind likely to prevail over south Rajasthan from the evening of 18<sup>th</sup> till 19<sup>th</sup> early morning.



**HEAVY RAIN:** Light to moderate rainfall at many places with heavy to very heavy falls at isolated places over Gujarat region and Saurashtra on 18<sup>th</sup> May.



**STORM SURGE:** Tidal wave above astronomical tide is likely to inundate coastal areas during next 03 hours.



**SEA CONDITIONS:** Sea conditions will be very rough to High over Gulf of Khambhat and adjoining northeast Arabian Sea and along & off south Gujarat, Daman, Diu, Dadra & Nagar Haveli coasts during next 12 hours and improve gradually thereafter.

### IMPACT / ACTIONS TAKEN

- Around 16,500 houses were destroyed and some 40,000 trees uprooted.
- Over two lakh people had been evacuated in advance, but tens of thousands more were forced to flee from coastal villages.
- 44 disaster response teams were working with local authorities in 20 districts to provide aid.
- 1,000 Covid hospitals - Gujarat has around one lakh active cases - in coastal towns were given generators to maintain electricity supply. He also said there was a buffer stock of 1,700 metric tonnes of liquid oxygen to be used for emergencies, and that 744 doctors and 160 'ICU on wheels' had been deployed.
- Indian Navy has rescued 177 people from barges that were carrying 410 people and went adrift in the Arabian Sea near Mumbai. Search continues for 93 people who were onboard the Barge that first went adrift and subsequently sunk at Bombay Hight some 175 kms from Mumbai.
- 7 people killed in Gujarat, 3 in Maharashtra, 8 in Karnataka and 7 in Kerala.
- Six Army team activated for rescue, relief operations in Diu.



Mumbai received 230 mm rainfall due to the cyclonic storm "Tauktae", the highest 24-hour downpour in May in the recorded history.



"Tauktae" is the fifth-strongest Arabian Sea cyclone on record.

### DISCLAIMER

The Storm update is for information purpose only for ADPC staff and not to be used for any forecast and warning purpose. Information compiled for this update is sourced from IMD Hourly Bulletin #26, National Bulletin #33 and Regional Specialized Meteorological Centre, New Delhi. Impacts and actions from NDTV, and Times of India.

Source: Update generated at ADPC HQ Bangkok  
Time: 1700 HRS (ICT) | Date: 18 May, 2021

CLIMATE RESILIENCE DEPARTMENT

