

Monday, 17 May 2021

# AURORA OBSERVATIONS:

# Sea Area forecast valid for 12 hours starting from 0900 UTC of 17/05/2021

#### Part One:

TTT Warning	The Extremely Severe Cyclonic Storm "Tauktae" (pronounced as Tau'Te) over eastcentral Arabian Sea moved north-northwestwards with a speed of about 15 kmph during past 06 hours and lay centred at 0830 hours IST of today, the 17th May, 2021 over eastcentral Arabian Sea near latitude 18.8°N and longitude 71.5°E, about 150 km west of Mumbai, 220 km south-southeast of Diu, 260 km southeast of Veraval (Gujarat) and 490 km east-southeast of Karachi (Pakistan). It is very likely to move north-northwestwards and reach Gujarat coast in the evening hours of 17th & cross Gujarat coast between Porbandar & Mahuva (Bhavnagar district) during the night (2000-2300 hrs IST) of 17th May with a maximum sustained wind speed 155-165 kmph gusting to 185 kmph. Weather seasonal over rest Arabian sea .
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## Part Two:

Synoptic Situation	The Extremely Severe Cyclonic Storm "Tauktae" (pronounced as Tau'Te) over eastcentral Arabian Sea moved north-northwestwards with a speed of about 15 kmph during past 06 hours and lay centred at 0830 hours IST of today, the 17th May, 2021 over eastcentral Arabian Sea near latitude 18.8°N and longitude 71.5°E, about 150 km west of Mumbai, 220 km south-southeast of Diu, 260 km southeast of Veraval (Gujarat) and 490 km east-southeast of Karachi (Pakistan). It is very likely to move north-northwestwards and reach Gujarat coast in the evening hours of 17th & cross Gujarat coast between Porbandar & Mahuva (Bhavnagar district) during the night (2000–2300 hrs IST) of 17th May with a maximum sustained wind speed 155–165 kmph gusting to 185 kmph. Weather seasonal over rest Arabian sea .

## Part Three :

#### North East Arabian Sea :

Wind	Northerly to Northwesterly 25 to 30 knots gusting to 35 knots.					
Weather	Fairly widespread Rain or Thundershowers					
Visibility	Moderate becoming poor in Rain or Thundershowers .					
Sea Condition	Rough.					

# East Central Arabian Sea :

Wind	Cyclonic 25 to 30 knots gusting to 35 knots			
Weather	Widespread Rain or Thundershowers with isolated squall.			

Visibility	Moderate becoming poor in Rain or Thundershowers & very poor in squall.
Sea Condition	Very rough.

#### West Central Arabian Sea:

Wind	Mainly Westerly 20 to 25 knots gusting to 30 knots.					
Weather	Videspread Rain or Thundershowers with isolated squall.					
Visibility	Moderate becoming poor in Rain or Thundershowers & very poor in squall.					
Sea Condition	Very rough .					

# South East Arabian Sea:

Wind	Mainly Westerly 10 to 15 knots gusting to 20 knots.				
Weather	Fairly Widespread Rain or Thundershowers .				
Visibility	Moderate becoming poor in Rain or Thundershowers.				
Sea Condition	Rough				

#### South West Arabian Sea:

Wind	Mainly Westerly 15 to 20 knots gusting to 25 knots.					
Weather	Widespread Rain or Thundershowers with isolated squall.					
Visibility	Moderate becoming poor in Rain or Thundershowers & very poor in squall.					
Sea Condition	Rough.					

## GMDSS Area :

Wind	Mainly Southwesterly 15 to 20 knots gusting to 25 knots.				
Weather	Isolated Rain or thundershowers				
Visibility	Good except in rain or thundershowers				
Sea Condition	Rough.				

# PART FOUR

Nil.

PART FIVE

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PART SIX	01703	99942	339	31595	51403	10322
40053	539	32596	70503	10316	40029	634
32596	70506	10324	40026	731	32996	50508
10310	40010	754	32996	50912	10282	40050
838	21596	70716	10306	40001	840	21596
80715	10298	49989	909	32496	80504	10312
49976	933	22997	31801	10315	40048	
9994 <b>3</b>	057	21595	81141	10260	49936	109
21596	81823	10276	40002	110	21495	82509
10250	40030	117	32597	81803	10266	40049
<b>192</b>	21496	82306	10292	40050	284	21496
70905	10262	40067	311	21496	82508	10288
40058	314	21597	60000	10254	40079	369
22496	32306	10298	40073	371	22597	20000
10270	40087					