

### **AURORA OBSERVATION**

## Sea Area forecast valid for 12 hours starting from 0900 UTC of 19/07/2022

### Part One:

TTT Warning Nil
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#### Part Two:

An off-shore trough runs from south Gujarat coast to Karnataka coast.
An east-west shear zone runs roughly along 20°N between 4.5 km & 5.8 km above mean sea
level.
The cyclonic circulation over northwest & adjoining Westcentral Arabian Sea extending upto
5.8 km above mean sea level has become unimportant for the Indian region.
The Low Pressure Area over central parts of Madhya Pradesh & neighbourhood has become
less marked. However, the associated cyclonic circulation lies over West Madhya Pradesh
and extends up to 3.1 km above mean sea level.
Southwest Monsoon Strong over Westcentral and Southwest Arabian Sea and Moderate to
Strong over Northeast and Southeast Arabian Sea.

## Part Three:

## North East Arabian Sea:

Wind	Mainly Southwesterly 20 to 25 knots gusting to 30 knots.		
Weather	Scattered rain or thundershowers.		
Visibility	Good becoming poor in rain or thundershowers .		
Sea Condition	Rough.		

### **East Central Arabian Sea:**

Wind	Southwesterly to Westerly 20 to 25 knots gusting to 30 knots.			
Weather	Fairlywidespread rain or thundershowers.			
Visibility	Moderate becoming poor in rain or thundershowers .			
Sea Condition	Rough to Very Rough.			

### **West Central Arabian Sea:**

Wind	Mainly Southwesterly 25 to 30 knots gusting to 35 knots.		
Weather	Scattered rain or thundershowers.		
Visibility	Good becoming poor in rain or thundershowers .		
Sea Condition	Very Rough.		

## South East Arabian Sea:

Wind	Westerly to Northwesterly 20 to 25 knots gusting to 30 knots.		
Weather	Fairlywidespread rain or thundershowers.		
Visibility	Moderate becoming poor in rain or thundershowers .		
Sea Condition	Moderate to Rough		

### **South West Arabian Sea:**

Wind	Southwesterly to Westerly 25 to 30 knots gusting to 35 knots.			
Weather	Scattered rain or thundershowers.			
Visibility	Good becoming poor in rain or thundershowers .			
Sea Condition	Rough to Very Rough.			

# GMDSS Area:

Wind	Mainly Southwesterly 30 to 35 knots gusting to 40 knots.		
Weather	Isolated rain or thundershowers.		
Visibility	Good except in rain or thundershowers .		
Sea Condition	Very Rough to high.		

PART FOUR:	Nil.
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PART FIVE:	Nil.	
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01903	99942	339	21595	50000	10296
539	21496	82703	10274	40018	634
50000	10276	40035	731	32596	62306
40040	754	21396	82714	10230	40015
21496	80000	10264	40045	840	21496
10270	40049	909	21596	72506	10276
933	21596	81401	10228	40043	
057	21595	62302	10282	40057	109
72303	10276	40086	110	21496	72704
40077	117	32597	62302	10246	40060
21496	60000	10265	40077	226	21397
10250	40053	284	21595	81803	10246
311	21496	82916	10276	40086	314
80000	10254	40096	<b>369</b>	21497	73203
40089	371	21496	73205	10246	40091
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69002	43285	44385	29511	29512	19013
69001	43371	44385	31023	30019	10508
	539 50000 40040 21496 10270 933 057 72303 40077 21496 10250 311 80000 40089	539 21496   50000 10276   40040 754   21496 80000   10270 40049   933 21596   057 21595   72303 10276   40077 117   21496 60000   10250 40053   311 21496   80000 10254   40089 371   69002 43285	539 21496 82703   50000 10276 40035   40040 754 21396   21496 80000 10264   10270 40049 909   933 21596 81401   057 21595 62302   72303 10276 40086   40077 117 32597   21496 60000 10265   10250 40053 284   311 21496 82916   80000 10254 40096   40089 371 21496   69002 43285 44385	539 21496 82703 10274   50000 10276 40035 731   40040 754 21396 82714   21496 80000 10264 40045   10270 40049 909 21596   933 21596 81401 10228   057 21595 62302 10282   72303 10276 40086 110   40077 117 32597 62302   21496 60000 10265 40077   10250 40053 284 21595   311 21496 82916 10276   80000 10254 40096 369   40089 371 21496 73205   69002 43285 44385 29511	539 21496 82703 10274 40018   50000 10276 40035 731 32596   40040 754 21396 82714 10230   21496 80000 10264 40045 840   10270 40049 909 21596 72506   933 21596 81401 10228 40043   057 21595 62302 10282 40057   72303 10276 40086 110 21496   40077 117 32597 62302 10246   21496 60000 10265 40077 226   10250 40053 284 21595 81803   311 21496 82916 10276 40086   80000 10254 40096 369 21497   40089 371 21496 73205 10246   69002 43285 44385 29511 29512