



प्रादेशिक मौसम केंद्र, कोलाबा, मुंबई
Regional Meteorological Centre, Mumbai

SEA AREA BULLETIN

AURORA OBSERVATIONS:

Sea Area forecast valid for 12 hours starting from 0900 UTC of 03/10/2021

Part One:

TTT Warning	<p>THE SEVERE CYCLONIC STORM 'SHAHEEN' OVER GULF OF OMAN & ADJOINING NORTHWEST ARABIAN SEA MOVED WEST-SOUTHWESTWARDS WITH A SPEED OF ABOUT 12 KMPH, DURING PAST 6 HOURS, LAY CENTRED AT 0830 HRS IST OF TODAY, THE 3RD OCTOBER, 2021 OVER GULF OF OMAN & ADJOINING NORTHWEST ARABIAN SEA, NEAR LATITUDE 24.2°N AND LONGITUDE 59.0°E, ABOUT 1050 KM WEST-NORTHWEST OF DEVBHOO MI DWARKA (GUJARAT), 200 KM WEST-SOUTHWEST OF CHABAHAR PORT (IRAN) AND 90 KM NORTHEAST OF MUSCAT (OMAN).</p> <p>THE SYSTEM IS VERY LIKELY TO CONTINUE TO MOVE WEST-SOUTHWESTWARDS TOWARDS OMAN COAST AND WEAKEN GRADUALLY. IT IS VERY LIKELY TO CROSS OMAN COAST BETWEEN LONG. 56°E & 58°E, AROUND 57°E, BY EARLY HOURS OF 4TH OCTOBER 2021, AS A SEVERE CYCLONIC STORM WITH A MAXIMUM SUSTAINED WIND SPEED OF 90 – 100 KMPH GUSTING TO 110 KMPH.</p>
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Part Two:

Synoptic Situation	<p>THE SEVERE CYCLONIC STORM 'SHAHEEN' OVER GULF OF OMAN & ADJOINING NORTHWEST ARABIAN SEA MOVED WEST-SOUTHWESTWARDS WITH A SPEED OF ABOUT 12 KMPH, DURING PAST 06 HOURS, LAY CENTRED AT 0830 HRS IST OF TODAY, THE 03RD OCTOBER, 2021, OVER GULF OF OMAN & ADJOINING NORTHWEST ARABIAN SEA NEAR LATITUDE 24.2°N AND LONGITUDE 59.0°E, ABOUT 1050 KM WEST-NORTHWEST OF DEVBHOO MI DWARKA (GUJARAT), 200 KM WEST-SOUTHWEST OF CHABAHAR PORT (IRAN) AND 90 KM NORTHEAST OF MUSCAT (OMAN). IT IS VERY LIKELY TO CONTINUE TO MOVE WEST-SOUTHWESTWARDS TOWARDS OMAN COAST AND WEAKEN GRADUALLY. IT IS VERY LIKELY TO CROSS OMAN COAST BETWEEN LONG. 56°E & 58°E AROUND 57°E DURING EARLY HOURS OF 04TH OCTOBER, 2021 AS A CYCLONIC STORM WITH A MAXIMUM SUSTAINED WIND SPEED OF 80--90 KMPH GUSTING TO 100 KMPH. A CYCLONIC CIRCULATION LIES OVER SOUTHEAST ARABIAN SEA OFF KERALA COAST AND EXTENDS UPTO 3.1 KM ABOVE MEAN SEA LEVEL. UNDER ITS INFLUENCE, A LOW PRESSURE AREA IS LIKELY TO FORM OVER EASTCENTRAL & ADJOINING NORTHEAST ARABIAN SEA DURING NEXT 48 HOURS.</p> <p>THE TROUGH IN EASTERLIES NOW RUNS FROM THE ABOVE CYCLONIC CIRCULATION OVER SOUTHWEST BAY OF BENGAL & ADJOINING TAMILNADU TO EASTCENTRAL ARABIAN SEA OFF KARNATAKA COAST ACROSS THE CYCLONIC CIRCULATION OVER SOUTHEAST ARABIAN SEA OFF KERALA COAST AND EXTENDS UPTO 0.9 KM ABOVE MEAN SEA LEVEL.</p> <p>SOUTH WEST MONSOON WAS MODERATE OVER WEST CENTRAL ARABIAN SEA AND WEAK TO MODERATE OVER REST ARABIAN SEA.</p>
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Part Three :

North East Arabian Sea :

Wind	Southwesterly to Westerly 00 to 15 knots gusting to 20 knots.
Weather	Isolated Rain or Thundershowers.
Visibility	Good except in rain or Thundershowers.
Sea Condition	Slight to Moderate

East Central Arabian Sea : (West of 70 degree East)

Wind	Southwesterly to Westerly 10 to 15 knots gusting to 20 knots.
Weather	Scattered Rain or Thundershowers.

Visibility	Good becoming poor in rain or Thundershowers.
Sea Condition	Slight to Moderate.

East Central Arabian Sea : (East of 70 degree east)

Wind	Mainly Northerly 10 to 15 knots gusting to 20 knots.
Weather	Scattered Rain or Thundershowers.
Visibility	Good becoming poor in rain or Thundershowers.
Sea Condition	Slight to Moderate.

West Central Arabian Sea :

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	Moderate .

South East Arabian Sea

Wind	Northwesterly to Westerly 10 to 15 knots gusting to 20 knots.
Weather	Widespread Rain or Thundershowers with isolated squall..
Visibility	Moderate becoming poor in Rain or Thundershowers and very poor in squall
Sea Condition	Slight to Moderate

South West Arabian Sea :

Wind	Westerly to Northwesterly 10 to 15 knots gusting to 20 knots.
Weather	Scattered Rain or Thundershowers.
Visibility	Good becoming poor in Rain or Thundershowers.
Sea Condition	Slight to Moderate

GMDSS Area

Wind	Mainly Southwesterly 20 to 25 knots gusting to 30 knots.
Weather	Isolated Rain or Thundershowers.
Visibility	Good except in Rain or Thundershowers.
Sea Condition	Moderate.

PART FOUR:	Nil.
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PART FIVE:	Nil.
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PART SIX	00303	99942	339	31995	00000	10292
40083	539	32596	30000	10280	40093	634
32596	12302	10264	40096	731	32596	30000
10284	40095	754	31594	41103	10250	40084
838	31895	20000	10286	40095	840	32596
50000	10276	40094	909	32596	20000	10280
40097	933					
99943	057	31595	40000	10274	40087	109
22597	30202	10288	40105	110	32895	50000
10296	40089	117	32597	21402	10254	40094
192	21596	42702	10260	40088	226	21496
41402	10260	40053	284	22497	50904	10250
40090	311	21496	83603	10270	40089	314
22597	60000	10258	40095	369	22496	83202
10278	40094	371	22497	79901	10266	40097
PPAA	53001	43192	43385	08515	09015	06013
PPAA	53001	43285	44385	11015	12525	10019
PPAA	53001	43371	44185	33507		