



# **WEATHER FORECAST FOR BN**

***20 MAR - 23 MAR 2021***





# WEATHER FORECAST – DHAKA

## 20.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 17	31 / 18	28 / 18	27 / 16
Wind	8 km/h WNW	11 km/h WNW	4 km/h NNE	3 m/h S
Humidity	46%	43%	52%	53%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	68%	60%	56%	53%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise	06: 02 AM			
Sunset	18: 10 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 1.22 km

Ref: <https://www.wunderground.com/weather/bd/dhaka>





# WEATHER FORECAST – CHATTOGRAM

## 20.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 20	30 / 21	27 / 23	26 / 22
Wind	12 km/h W	13 km/h W	10 km/h W	6 km/h NW
Humidity	49%	49%	64%	28%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	35%	21%	22%	24%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise	05: 56 AM			
Sunset	18: 04 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 03.22 Km

Ref: <https://www.wunderground.com/weather/bd/chittagong>



# WEATHER FORECAST – KHULNA

## 20.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 17	34 / 17	29 / 20	27 / 22
Wind	8 km/h NW	8 km/h NW	5 km/h SSW	5 m/h SW
Humidity	39%	37%	55%	51%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	60%	65%	60%	69%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	06: 05 AM 18: 13 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

Ref: <https://www.wunderground.com/weather/bd/khulna>





# GENERAL WEATHER FORECAST – DHAKA

Description	21 Mar 2021	22 Mar 2021	23 Mar 2021
<b>Temperature (C)</b>	35 °C/ 24 °C	36 °C/ 24 °C	36 °C/ 24 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h 01m12s/18h10m30s	6h 00m06s/18h10m48s	6h 59m18s/18h11m12s
<b>Day Length</b>	12h09m18s	12h10m42s	12h11m54s
<b>Moon Rise/ Set</b>	11:01AM 12:09AM	11:51AM 1:02AM	12:45PM 1:55AM
<b>Moon Phase/ illu</b>	First Quarter, 44%	Waxing Gibbous, 54%	Waxing Gibbous, 64%
<b>Nautical Twilight</b>	05:15,18:57	05:15,18:57	05:15,18:57
<b>Civil Twilight</b>	05:42,18:31	05:42,18:31	05:42,18:31
<b>Humidity</b>	D : 51% N : 54%	D : 50% N : 60%	D : 50% N : 60%
<b>Barometer (mb)</b>	1007	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	2%	2%	2%
<b>Wind (km/hr)</b>	10 Km/h, NW	9 Km/h, NNW	9 Km/h, NNW

Ref: <https://weather.com/weather/5day//BGXX0003:1:BG>



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	21 Mar 2021	22 Mar 2021	23 Mar 2021
<b>Temperature (C)</b>	31 °C / 24 °C	32 °C / 24 °C	32 °C / 23 °C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	5h55m36s/ 18h04m36s	5h54m36s/ 18h05m00s	5h53m42s/ 18h05m18s
<b>Day Length</b>	12h09m00s	12h10m24s	12h11m36s
<b>Moon Rise/ Set</b>	11:01AM 12:09AM	11:51AM 1:02AM	12:45PM 1:55AM
<b>Moon Phase/ illu</b>	First Quarter, 44%	Waxing Gibbous, 54%	Waxing Gibbous, 64%
<b>Nautical Twilight</b>	05:10, 18:51	05:10, 18:51	05:10, 18:51
<b>Civil Twilight</b>	05:36, 18:25	05:36, 18:25	05:36, 18:25
<b>Humidity</b>	D : 66% N : 78%	D : 66% N : 78%	D : 66% N : 78%
<b>Barometer (mb)</b>	1007	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	4%	2%	2%
<b>Wind (km/hr)</b>	10 Km/h, NW	14 Km/h, NW	14 Km/h, NW

Ref: <https://weather.com/weather/5day//BGXX0002:1:BG>





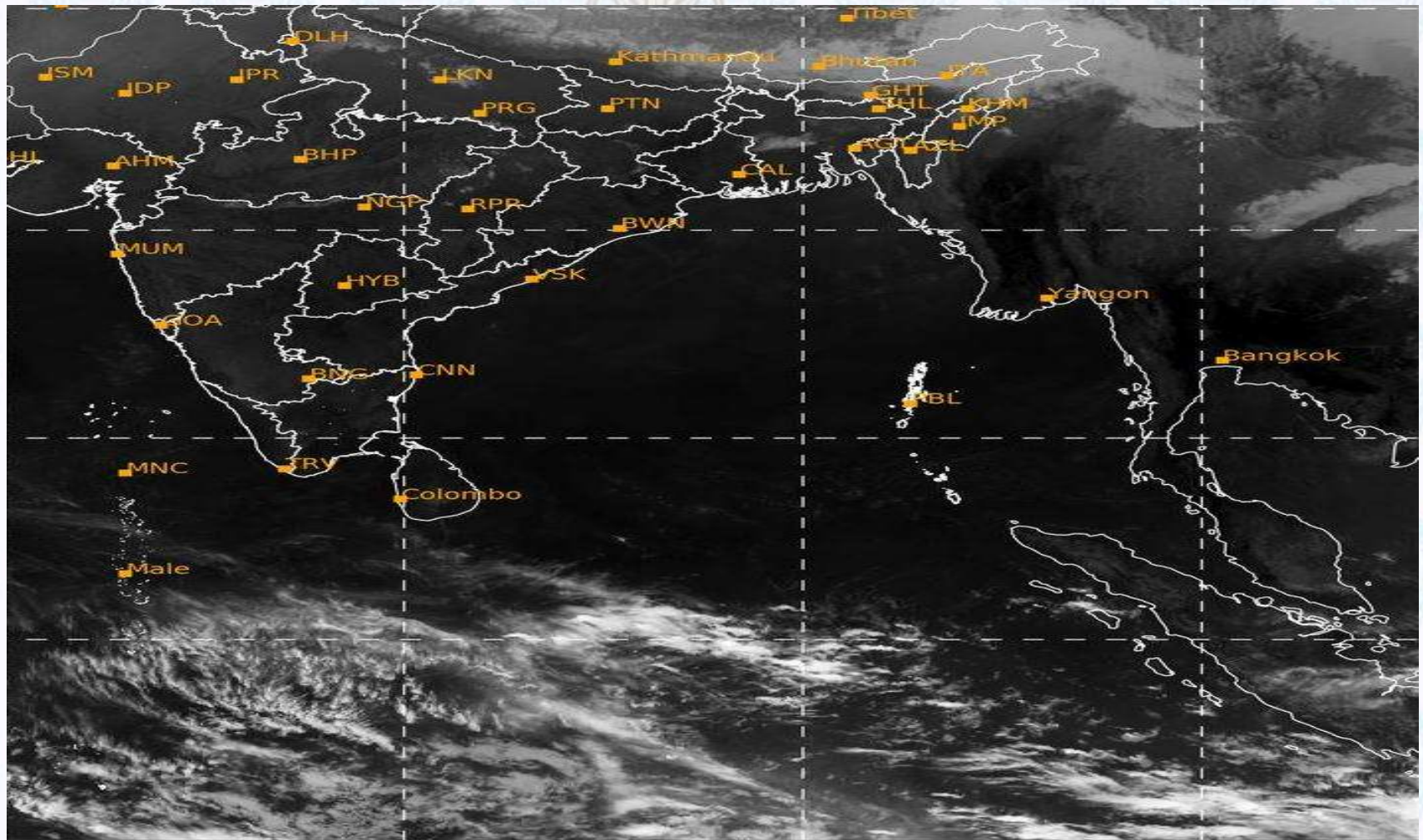
# GENERAL WEATHER FORECAST – KHULNA

Description	21 Mar 2021	22 Mar 2021	23 Mar 2021
<b>Temperature(C)</b>	36°C/ 25°C	36°C/ 24°C	36°C/ 25°C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h04m42s/ 18h13m48s	6h03m36s/ 18h14m06s	6h02m48s/ 18h14m30s
<b>Day Length</b>	12h 09m 06s	12h 10m 30s	12h 11m 42s
<b>Moon Rise/Set</b>	11:01AM 12:09AM	11:51AM 1:02AM	12:45PM 1:55AM
<b>Moon Phase/illu</b>	First Quarter, 44%	Waxing Gibbous, 54%	Waxing Gibbous, 64%
<b>Nautical Twilight</b>	05:19, 19:00	05:19, 19:00	05:19, 19:00
<b>Civil Twilight</b>	05:45, 18:34	05:45, 18:34	05:45, 18:34
<b>Humidity</b>	D : 54%    N : 79%	D : 54%    N : 76%	D : 54%    N : 76%
<b>Barometer (mb)</b>	1007	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	4%	4%	4%
<b>Wind (km/hr)</b>	7 Km/h, WNW	8 Km/h, NW	9 Km/h, N

Ref: <https://weather.com/weather/5day//BGXX0005:1:BG>



# SATELLITE VIEW OF BAY OF BENGAL



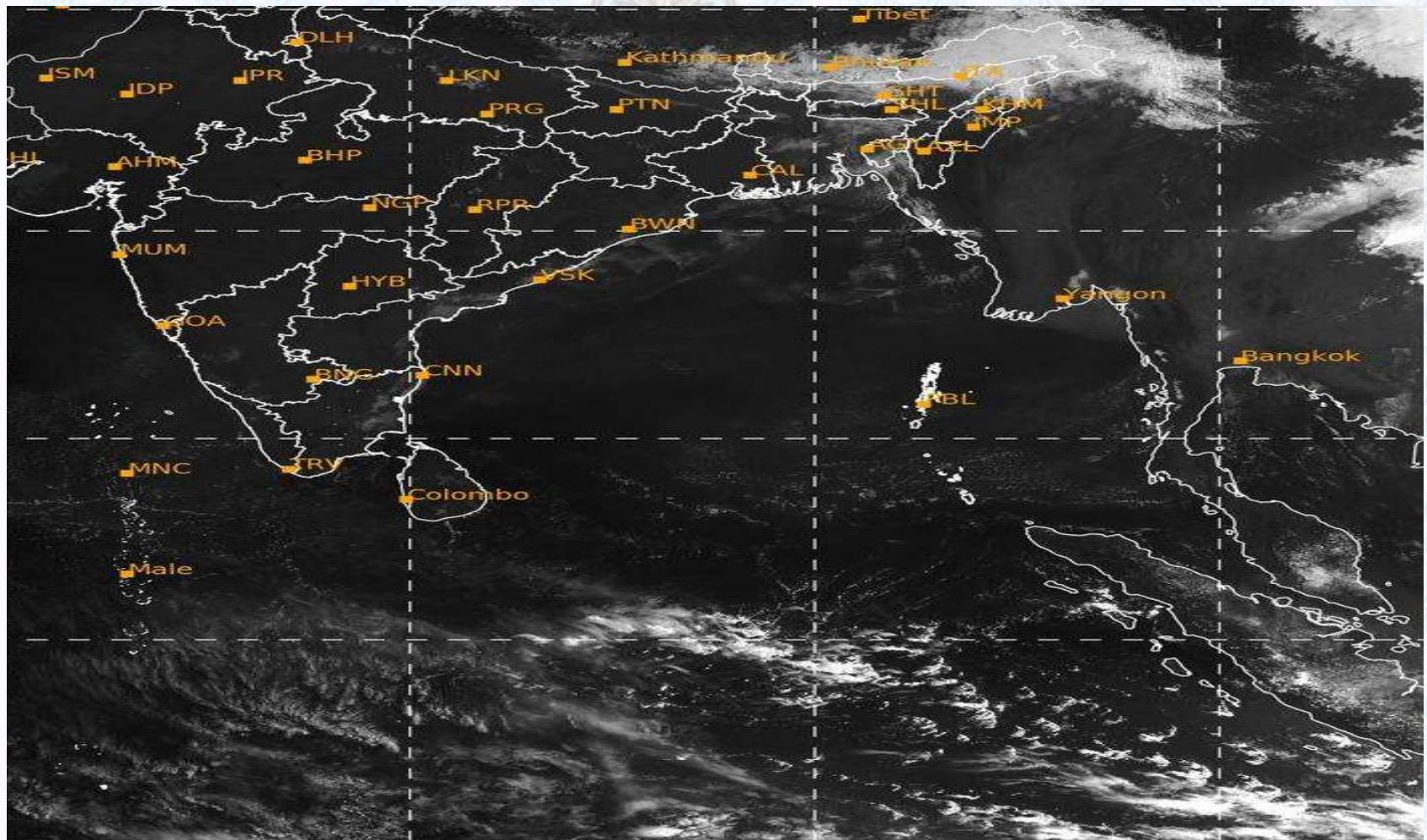
20/03/2021, 11:00 UTC MATSAT-IR

Ref: <http://satellite.imd.gov.in/insat.htm>





# SATELLITE VIEW OF BAY OF BENGAL



20/03/2021, 11:00 MATSAT-VIS

Ref: <http://satellite.imd.gov.in/insat.htm>



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 20.03.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/NORTH-WESTERLY 08-15 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1010 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 20.03.2020)

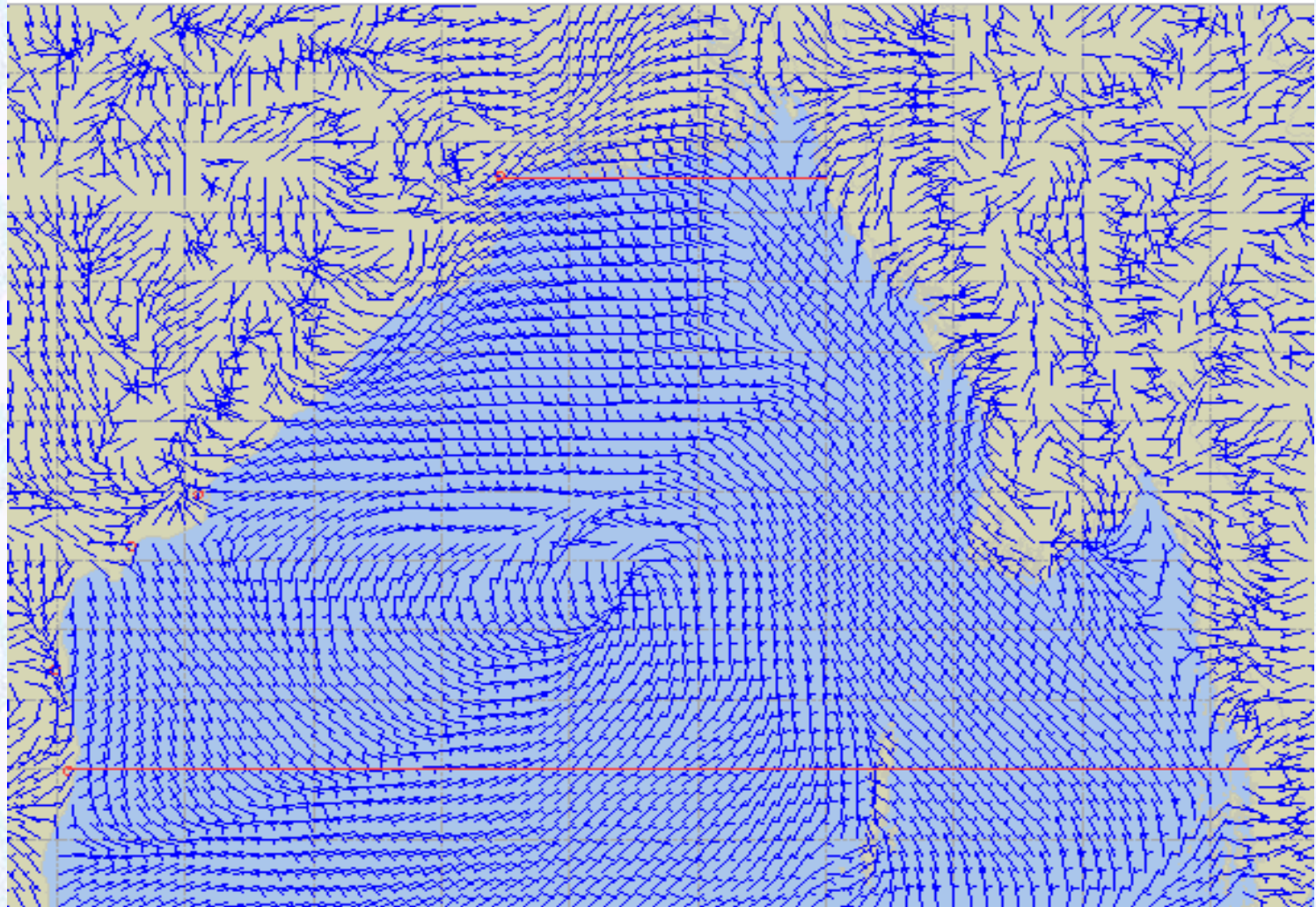
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



Ref: <http://www.bmd.gov.bd/?/home>



# Surface Wind Forecast- 21 Mar - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

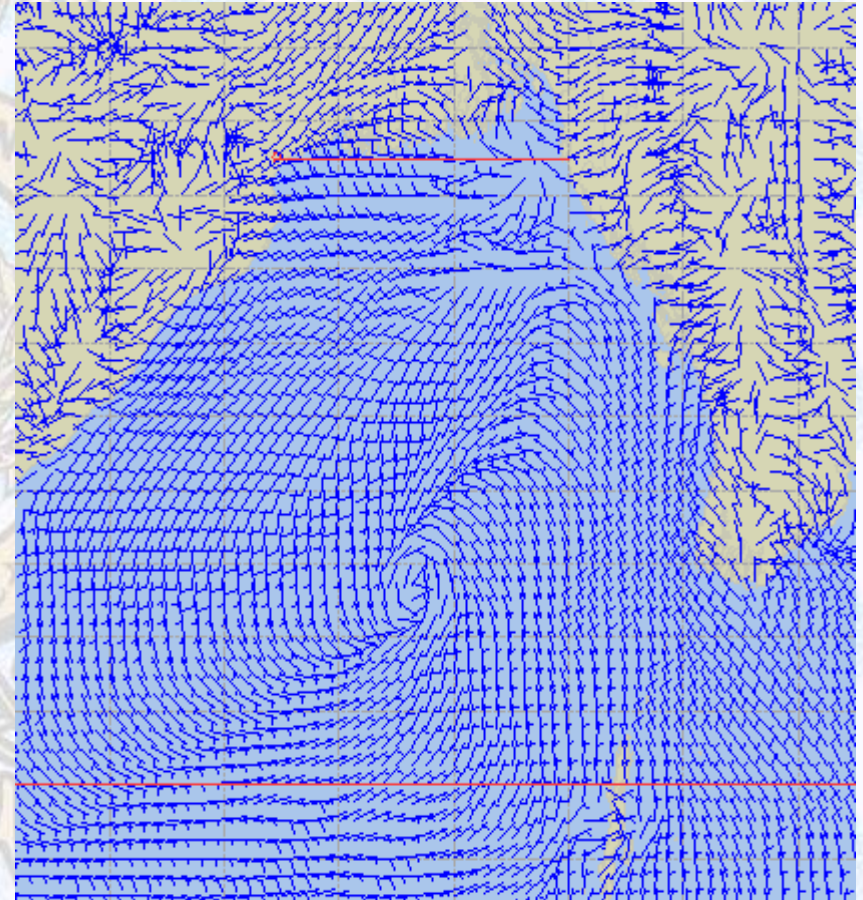
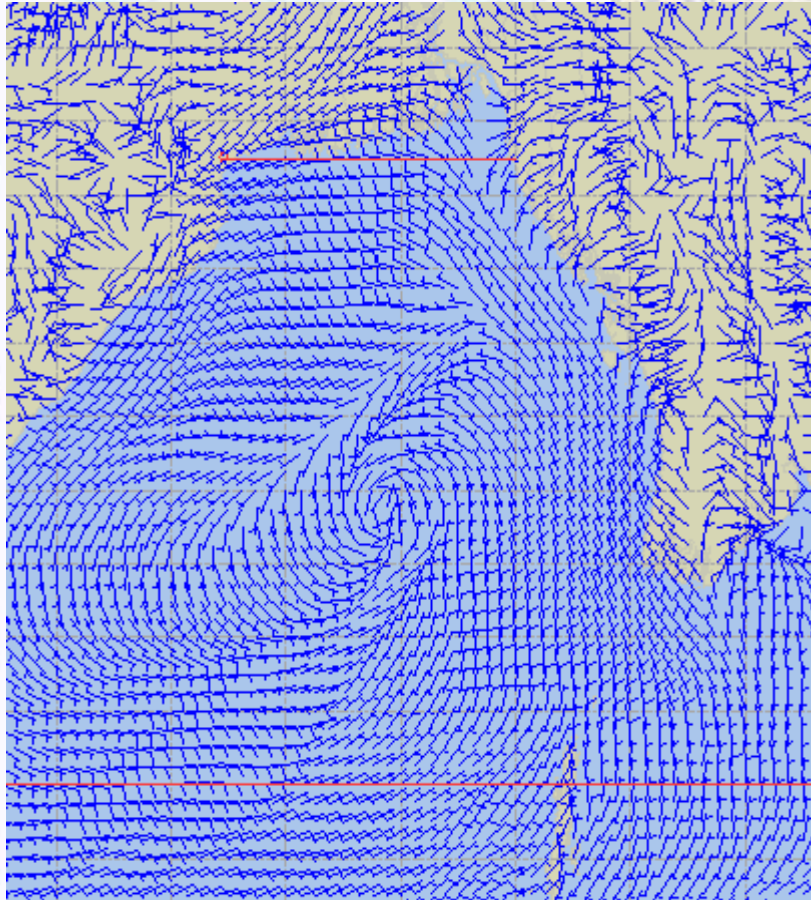




# Surface Wind Forecast – 22 & 23 Mar - 2021

22 Mar 21 Monday

23 Mar 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



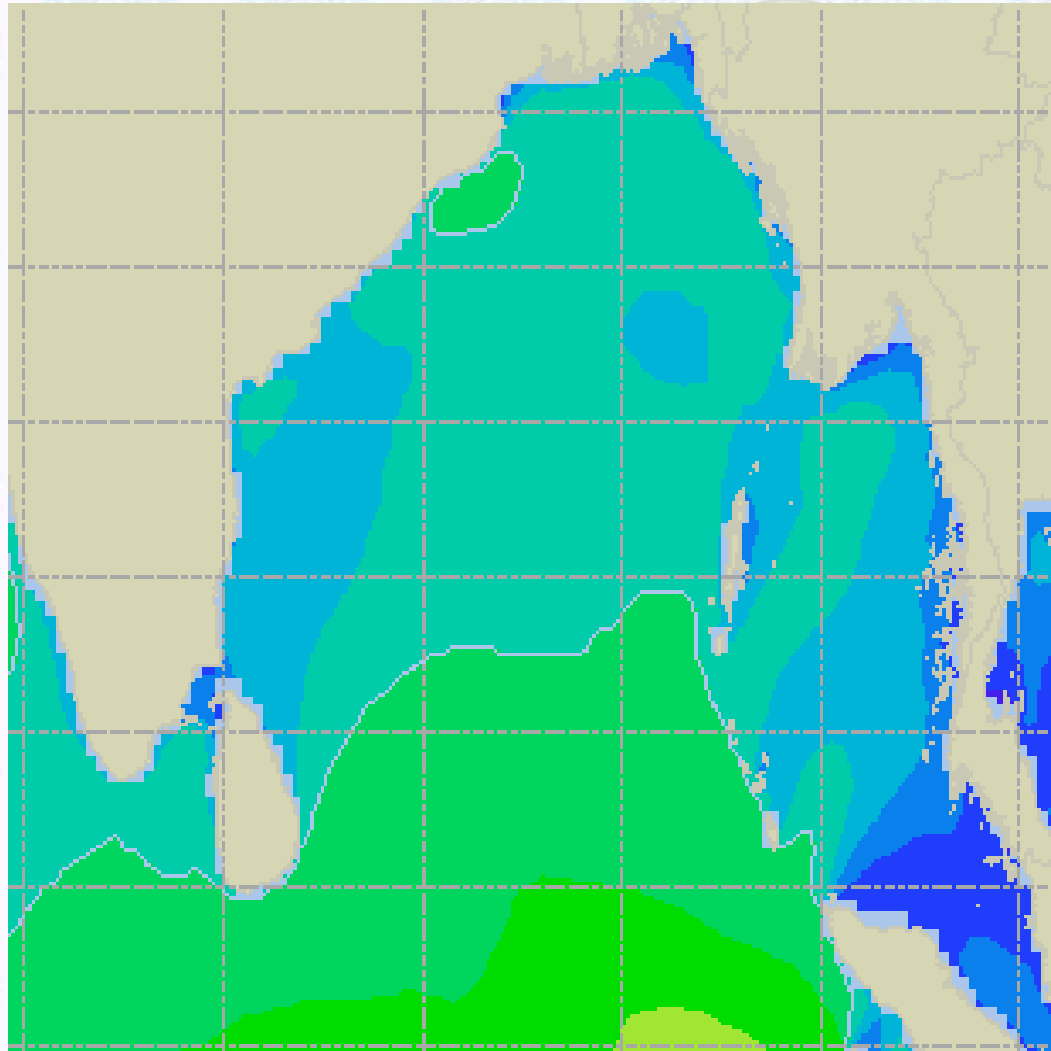
10 Knots



60 Knots



# Sea State Forecast – 21 Mar - 2021



Sea State	Ht (m)
0	0
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



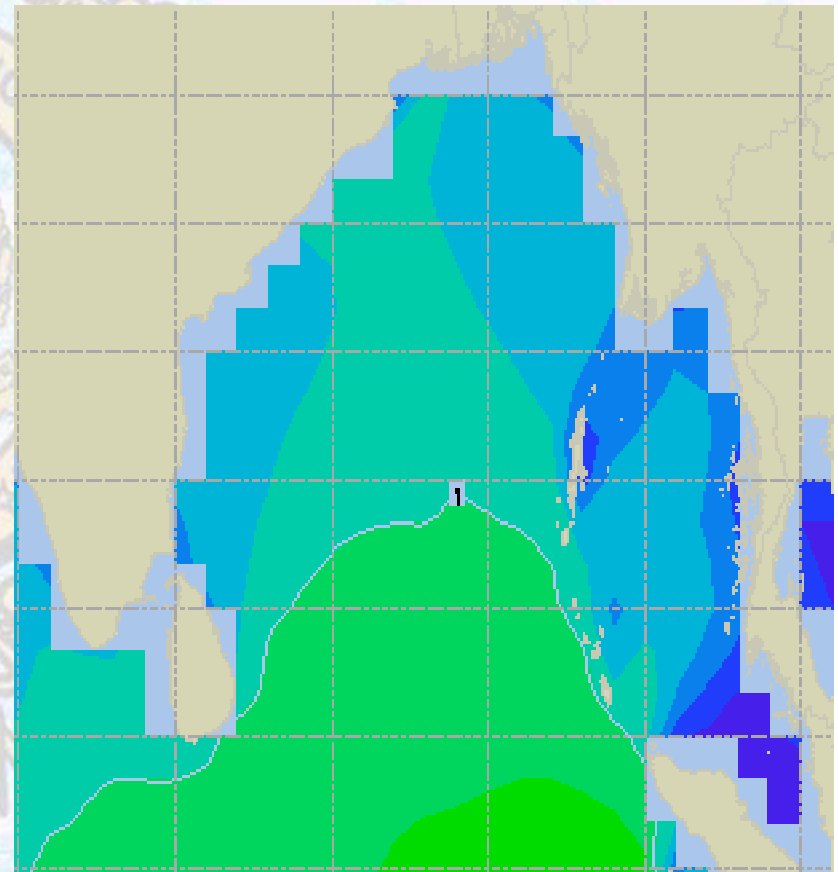
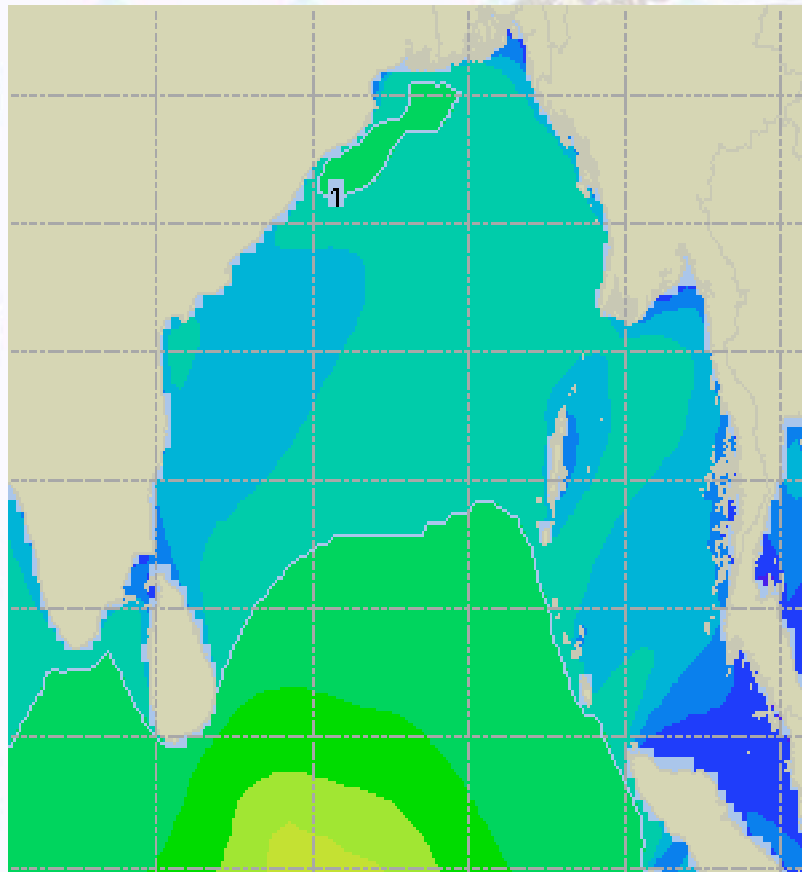




# Sea State Forecast – 22 & 23 Mar - 2021

22 Mar 21 Monday

23 Mar 21 Tuesday

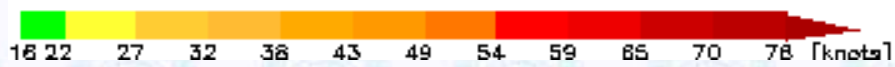
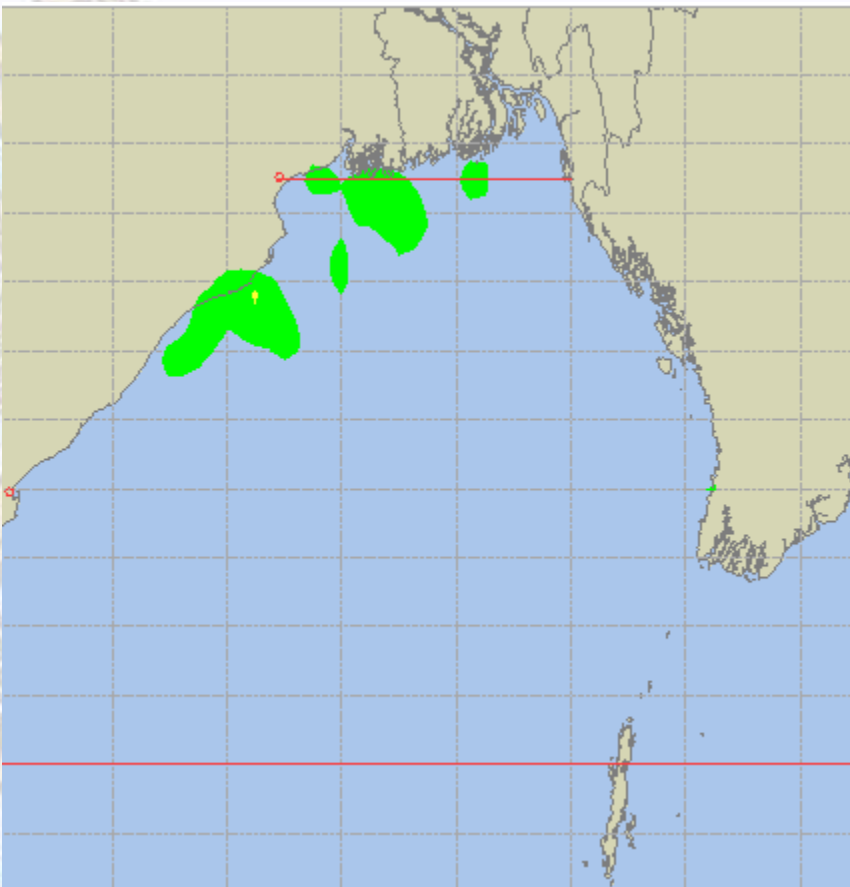
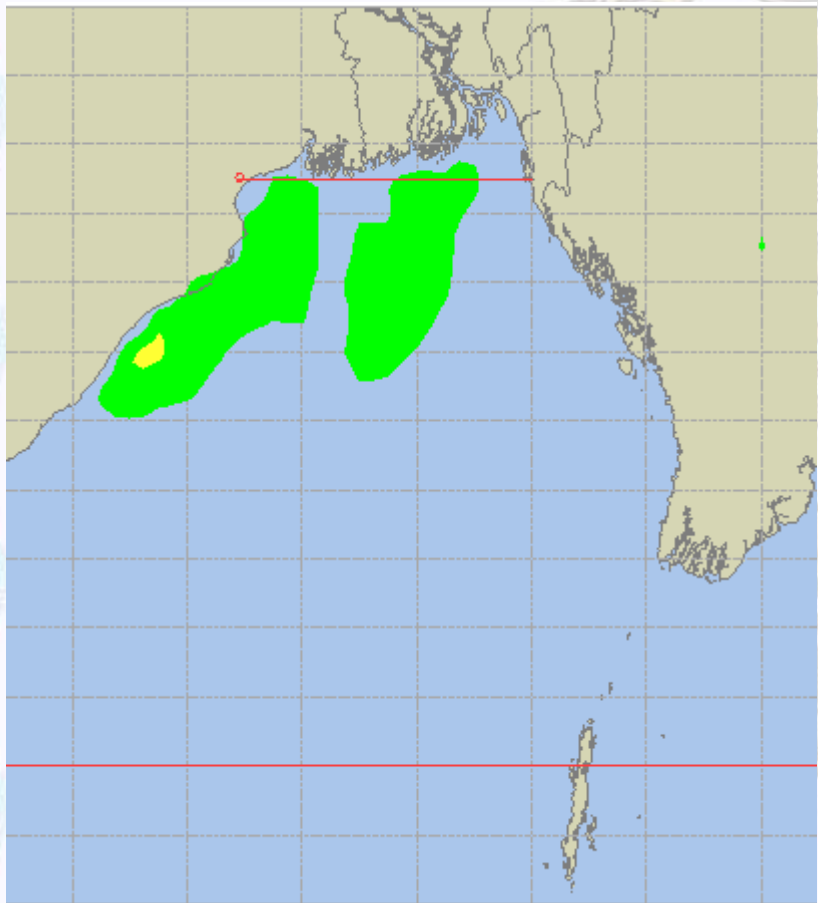




# Peak Gusting Possibilities– 21 & 22 Mar 2021

## 21 Mar 21 Sunday

## 22 Mar 21 Monday

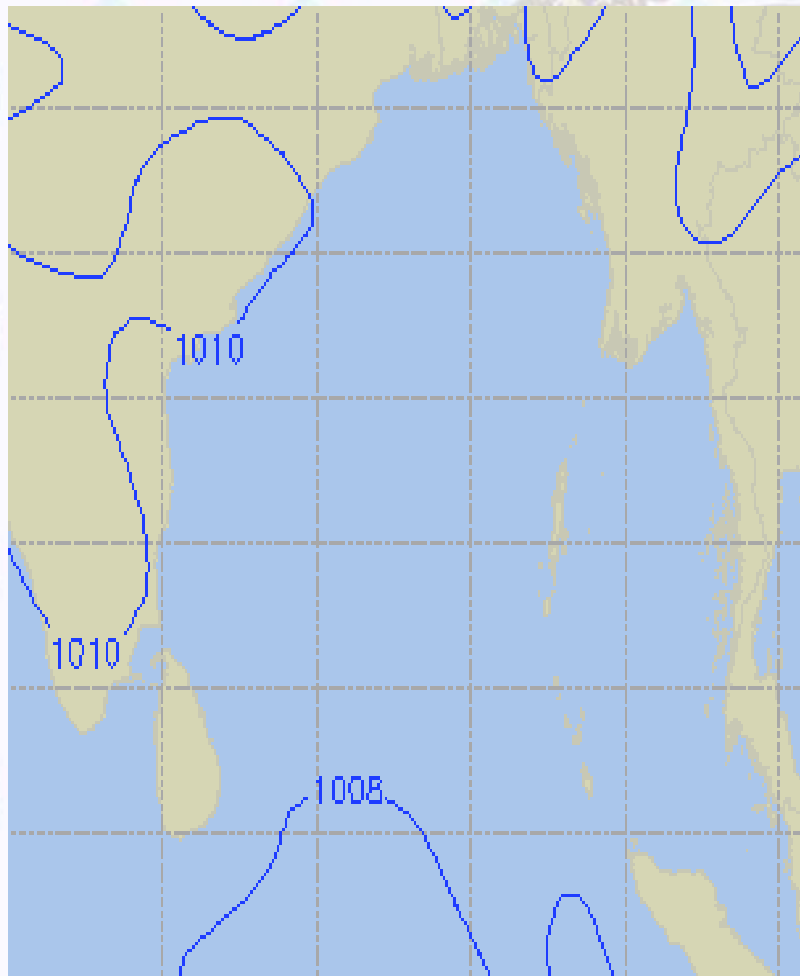




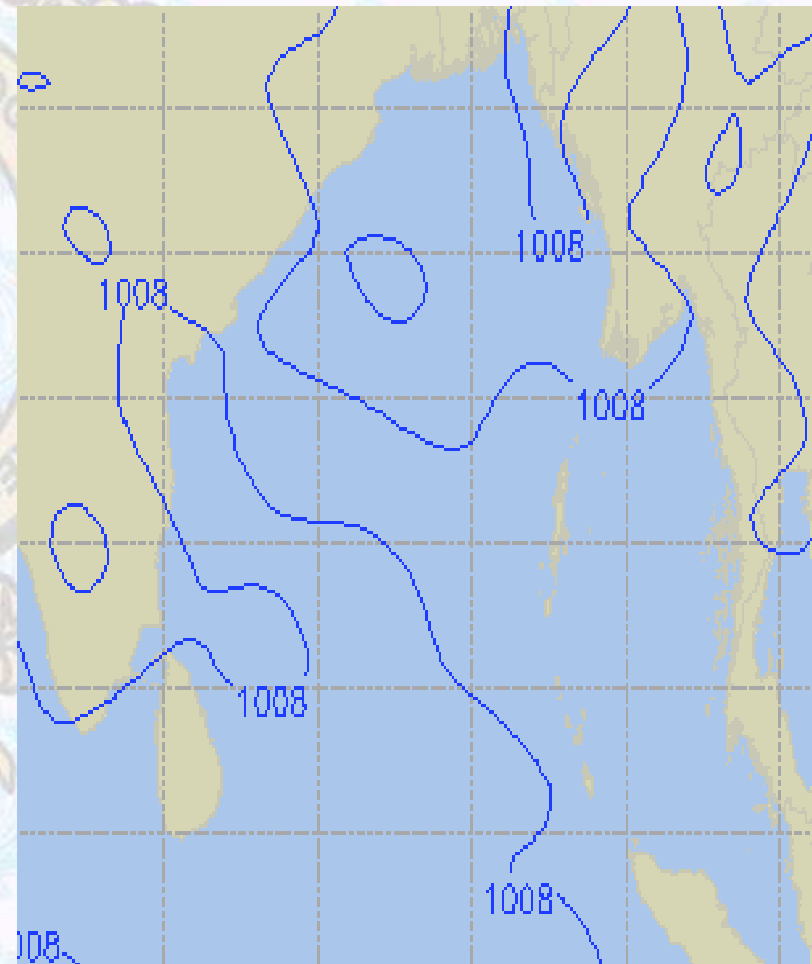


# Surface Pressure forecast – 21 & 22 Mar 2021

21 Mar 21 Sunday



22 Mar 21 Monday

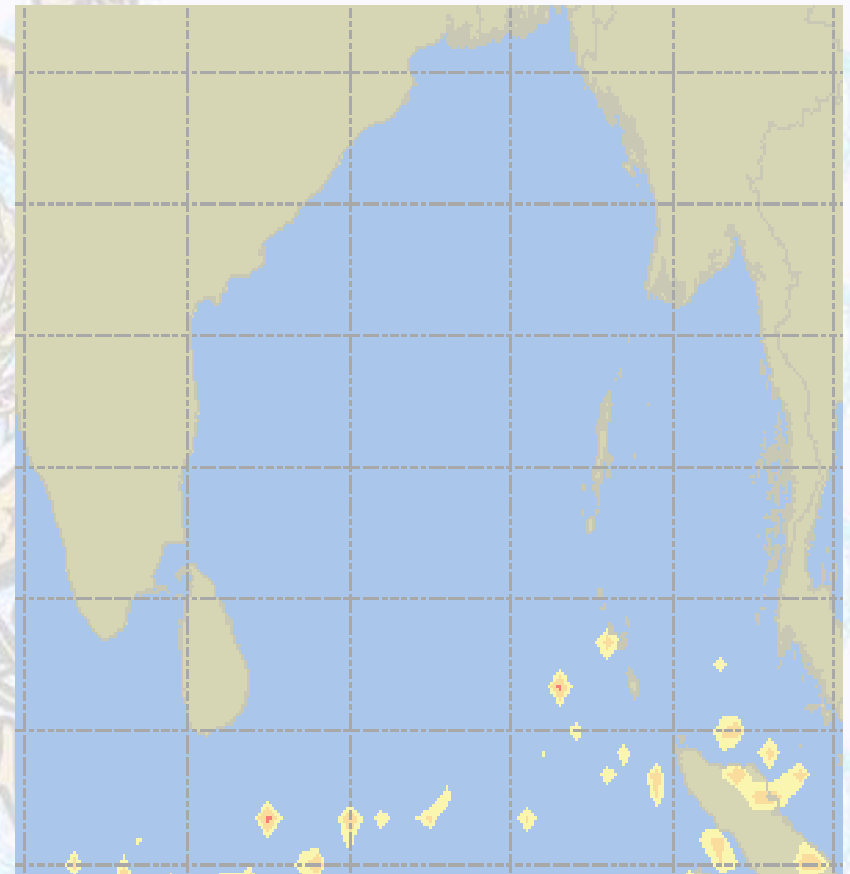
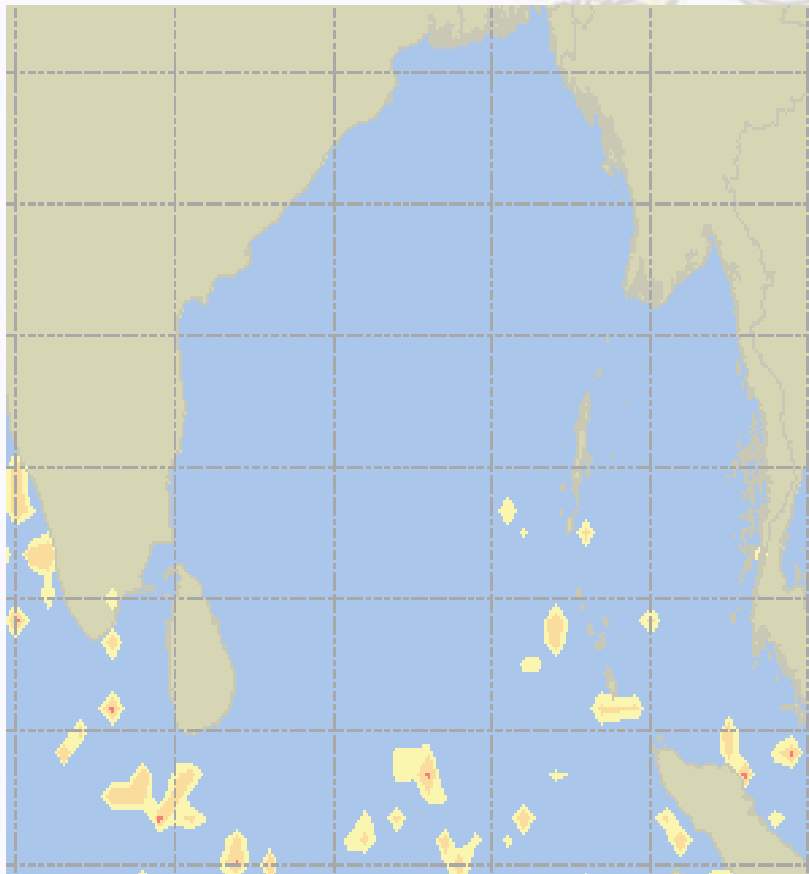




# Visibility at Sea Forecast – 21 & 22 Mar 2021

21 Mar 21 Sunday

22 Mar 21 Monday



**Visibility Scale:**



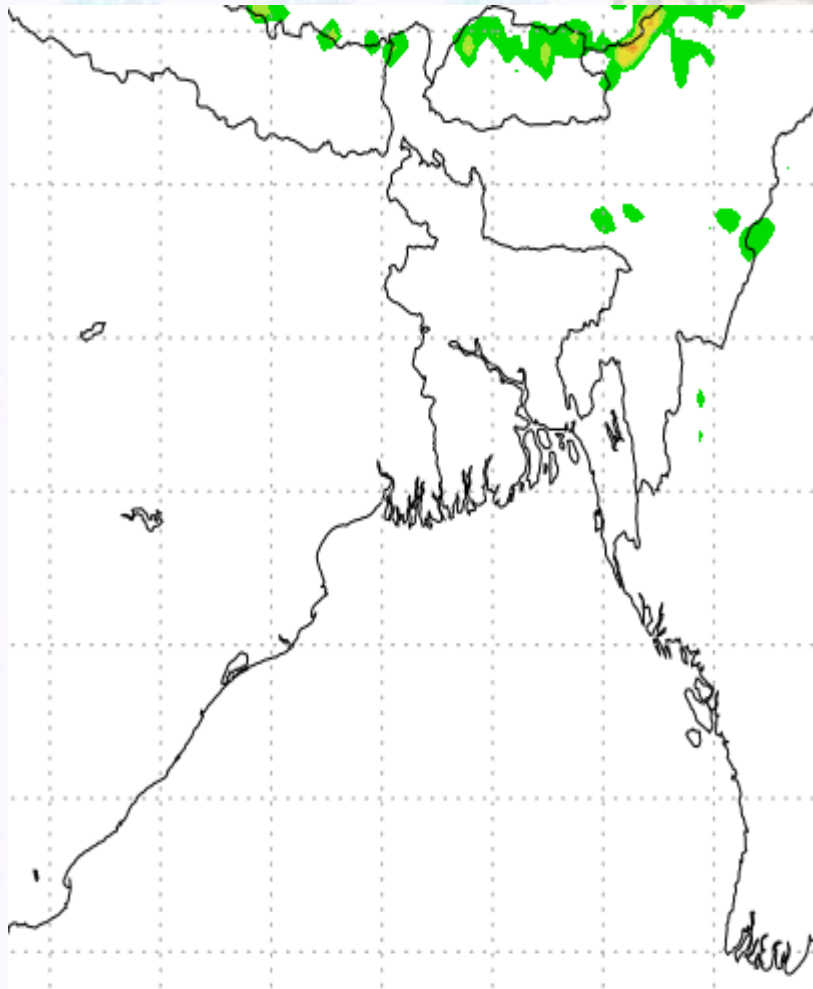
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



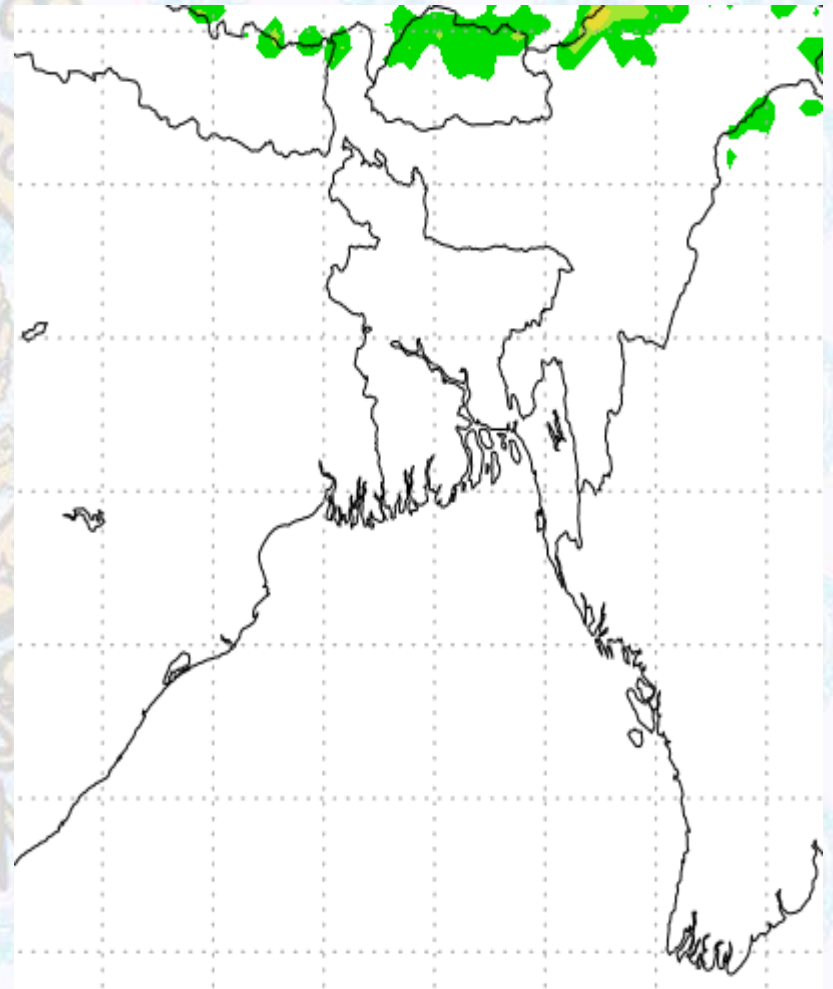


# Precipitation

Rain(mm) 21 & 22 Mar 21



Rain(mm) 22 & 23 Mar 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>21 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0524	3.22		0258	2.24		0242	2.10
	1132	1.06		0908	0.76		0849	0.95
	1757	3.47		1532	2.32		1525	2.24
	-	-		2155	0.93		2147	1.25
<b>22 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0023	1.31		0353	2.03		0341	1.93
	0633	2.93		1006	0.95		0955	1.13
	1238	1.36		1646	2.20		1641	2.15
	1916	3.33		2317	1.08		2330	1.33
<b>23 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0156	1.46		0517	1.91		0518	1.84
	0806	2.85		1136	1.07		1137	1.20
	1410	1.51		1828	2.24		1822	2.18
	2042	3.40		-	-		-	-