



# WEATHER FORECAST FOR BN

**28 FEB - 03 MAR 2021**





# WEATHER FORECAST – DHAKA

## 28.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 17	30 / 15	26 / 17	24 / 18
Wind	16 km/h WSW	16 km/h W	3 km/h S	5 m/h S
Humidity	43%	41%	55%	67%
Chance of Precip	1%	1%	1%	3%
Cloud Cover	4%	0%	3%	7%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 21 AM 18: 00 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 3.22 km

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





# WEATHER FORECAST – CHATTOGRAM

## 28.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	28 / 16	24 / 18	22 / 18
Wind	11 km/h SW	9 km/h SSW	4 km/h SSW	4 km/h S
Humidity	73%	80%	100%	100%
Chance of Precip.	1%	1%	1%	9%
Cloud Cover	3%	8%	2%	35%
Conditions	Sunny	Sunny	Clear	Partly Cloudy
Sunrise	06: 14 AM			
Sunset	17: 55 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 15.6 Km

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



# WEATHER FORECAST – KHULNA

## 28.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 17	33 / 17	27 / 22	25 / 23
Wind	10 km/h WSW	9 km/h SSW	8 km/h S	7 m/h SSW
Humidity	33%	37%	70%	86%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	19%	8%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 24 AM 18: 04 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 5.5 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	01 Mar 2021	02 Mar 2021	03 Mar 2021
<b>Temperature (C)</b>	32 °C/ 22 °C	32 °C/ 21 °C	32 °C/ 20 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h20m36s/18h01m12s	6h19m42s/18h01m36s	6h18m48s/18h02m12s
<b>Day Length</b>	11h40m36s	11h41m54s	11h43m24s
<b>Moon Rise/ Set</b>	8:10PM 7:49AM	9:13PM 8:27AM	10:16PM 9:07AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 79%
<b>Nautical Twilight</b>	05:36, 18:49	05:36, 18:49	05:31, 18:50
<b>Civil Twilight</b>	06:04, 18:22	06:04, 18:22	05:57, 18:24
<b>Humidity</b>	D : 66% N : 78%	D : 59% N : 76%	D : 68% N : 78%
<b>Barometer (mb)</b>	1011	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	6%	7%	5%
<b>Wind (mph)</b>	11 Km/h SSW	8 Km/h SSW	8 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	01 Mar 2021	02 Mar 2021	03 Mar 2021
<b>Temperature (C)</b>	29° C / 20° C	30° C / 21° C	29° C / 21° C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h13m54s/ 17h56m18s	6h13m06s/ 17h56m36s	6h12m18s/ 17h57m12s
<b>Day Length</b>	11h42m24s	11h43m30s	11h44m54s
<b>Moon Rise/ Set</b>	8:10PM 7:49AM	9:13PM 8:27AM	10:16PM 9:07AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 79%
<b>NauticalTwilight</b>	05:29, 18:43	05:29, 18:43	05:25, 18:44
<b>Civil Twilight</b>	05:55, 18:17	05:55, 18:17	05:51, 18:18
<b>Humidity</b>	D : 83% N : 100%	D : 83% N : 100%	D : 83% N : 100%
<b>Barometer (mb)</b>	1010	1011	1011
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	6%	7%	6%
<b>Wind (mph)</b>	10 Km/h SSW	10 Km/h SW	12 Km/h SW

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





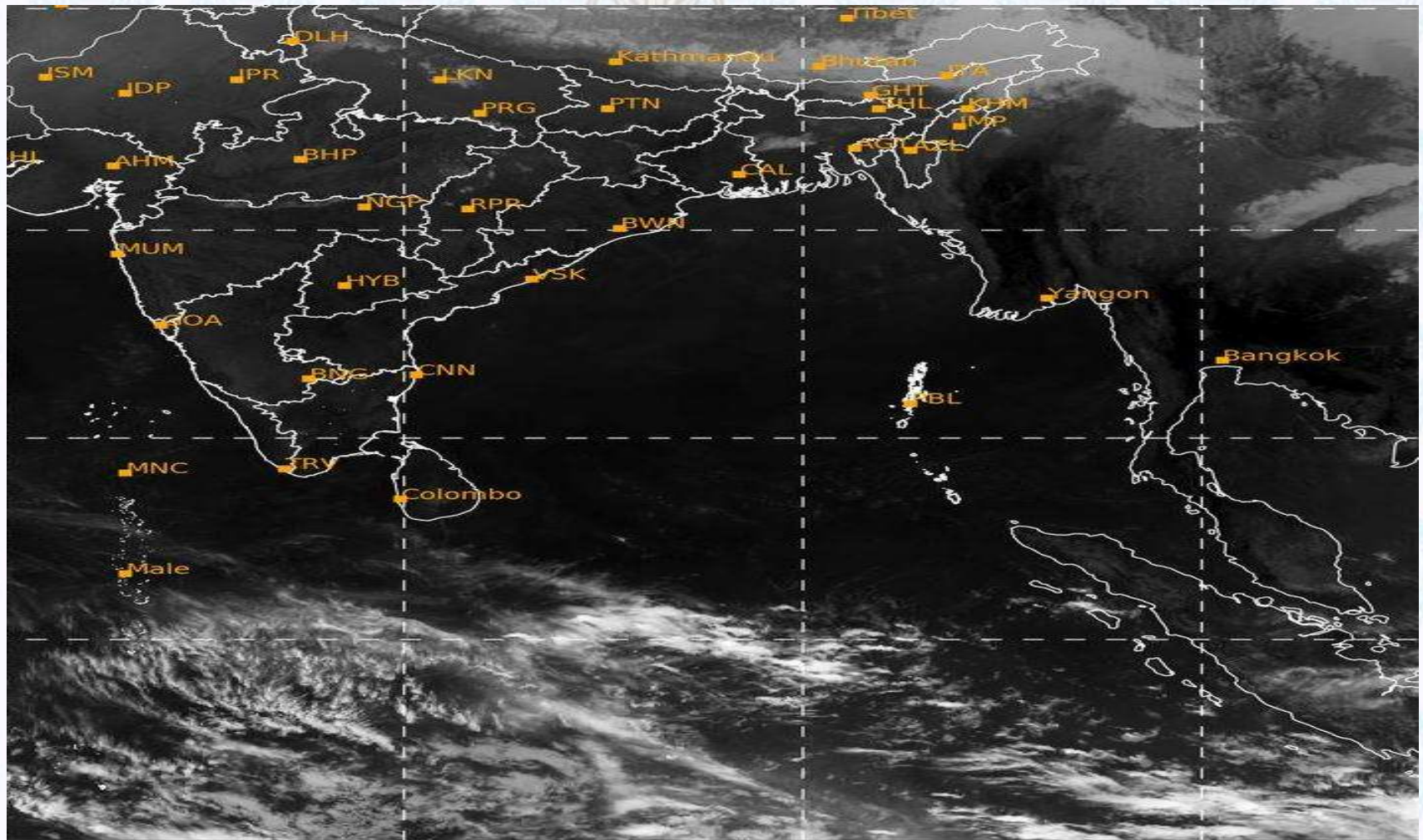
# GENERAL WEATHER FORECAST – KHULNA

Description	01 Mar 2021	02 Mar 2021	03 Mar 2021
<b>Temperature(C)</b>	33°C/ 22°C	33°C/ 22°C	33°C/ 21°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h23m24s/ 18h05m06s	6h22m30s/ 18h05m30s	6h21m42s/ 18h06m06s
<b>Day Length</b>	11h41m42s	11h43m00s	11h44m24s
<b>Moon Rise/Set</b>	8:10PM 7:49AM	9:13PM 8:27AM	10:16PM 9:07AM
<b>Moon Phase/illu</b>	Waning Gibbous, 94%	Waning Gibbous, 88%	Waning Gibbous, 79%
<b>Nautical Twilight</b>	05:39, 18:52	05:39, 18:52	05:34, 18:53
<b>Civil Twilight</b>	06:05, 18:26	06:05, 18:26	06:00, 18:27
<b>Humidity</b>	D : 63%    N : 87%	D : 63%    N : 87%	D : 63%    N : 87%
<b>Barometer (mb)</b>	1007	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	8%	7%	7%
<b>Wind (mph)</b>	14 km/h SW	12 km/h SSW	9 km/h W

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



# SATELLITE VIEW OF BAY OF BENGAL



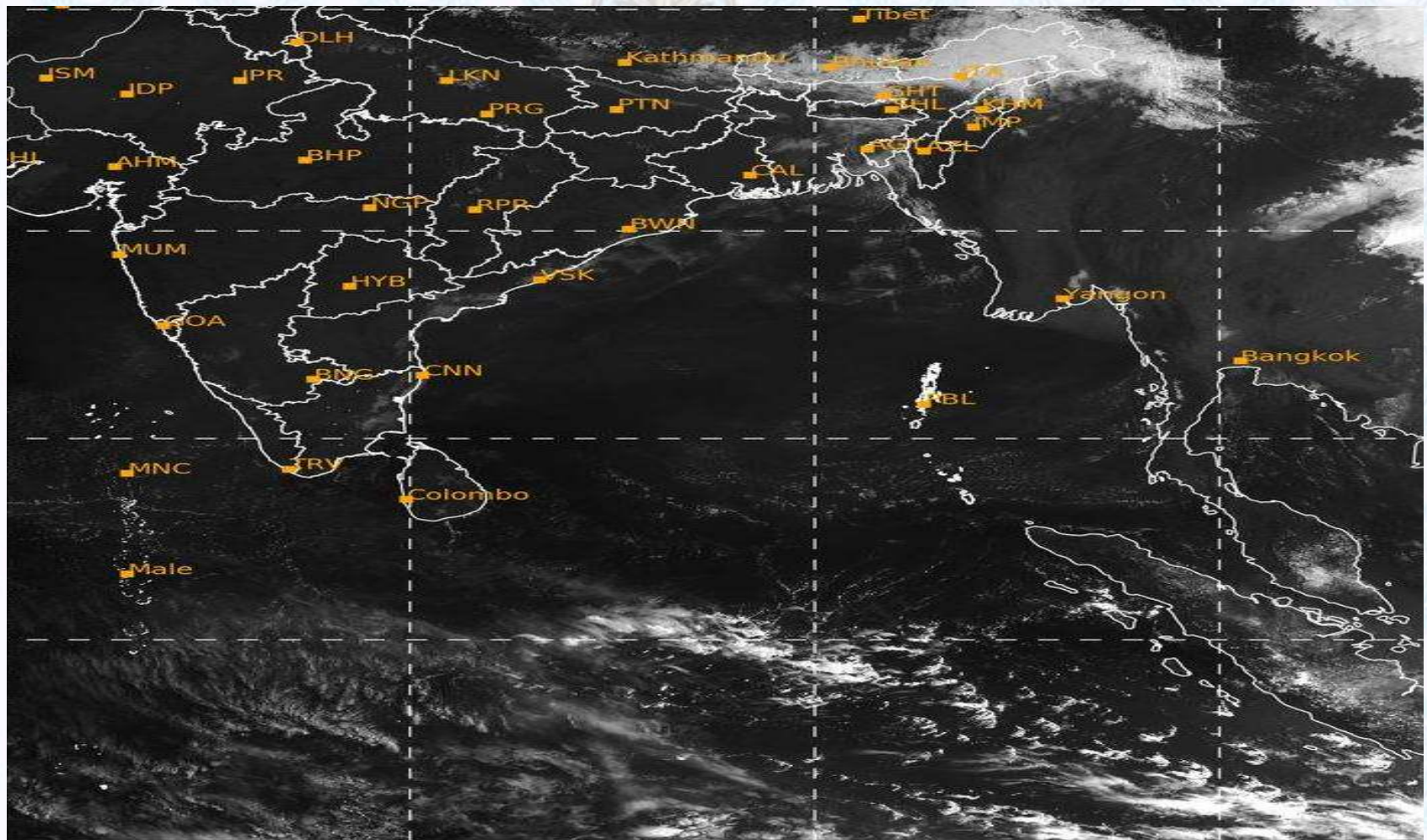
28/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



28/02/2021, 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 28.02.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	SEASONAL OVER AREA C-90.
	Wind	SOUTH-WEST/WESTERLY 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1000 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 28,0000 UTC. CHATTOGRAM =1014 HPA





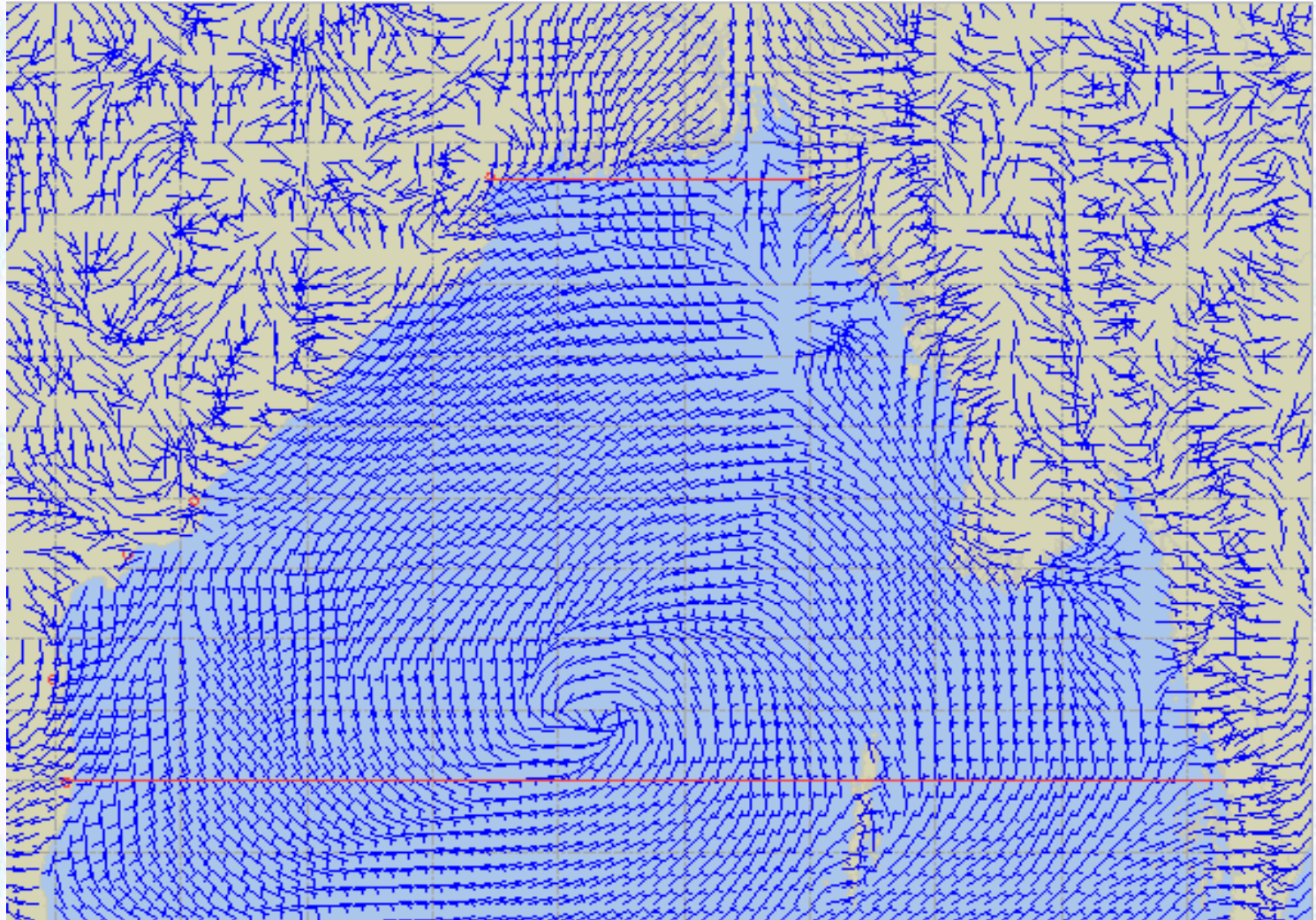
## **Inland River Port Warning** **(VALID TILL 06 PM OF 28.02.2020)**

LIGHT TO MODERATE FOG MAY REDUCE THE SURFACE VISIBILITY TO 800 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 03-04 HRS COMMENCING 05:00 AM OF 28.02.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



# Surface Wind Forecast- 01 Mar - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

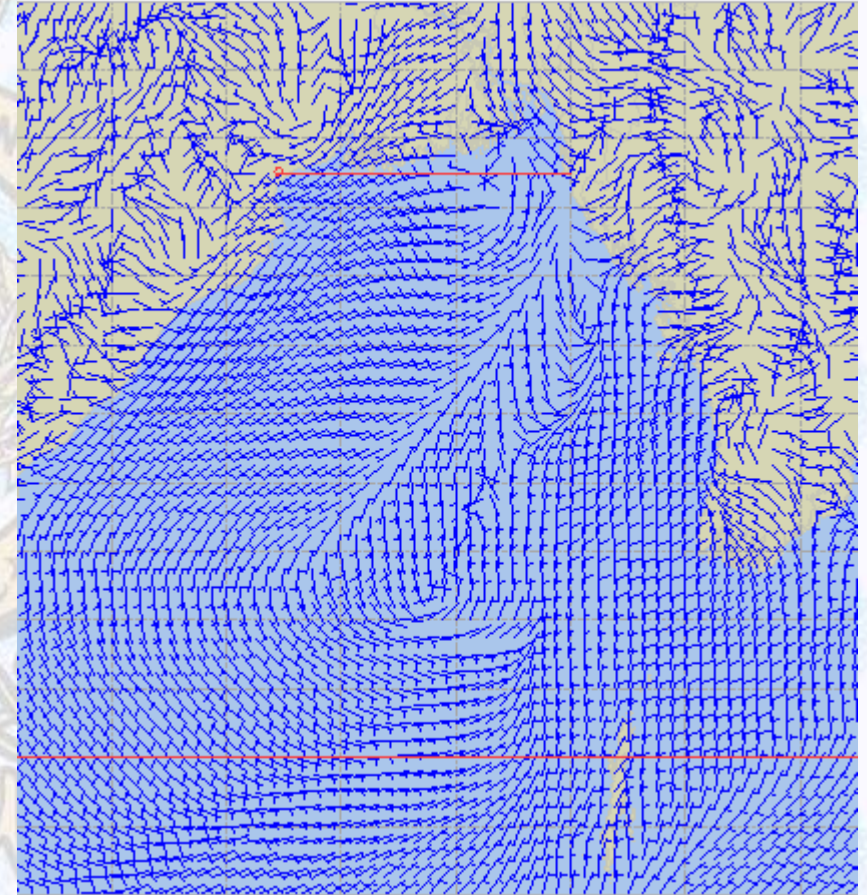
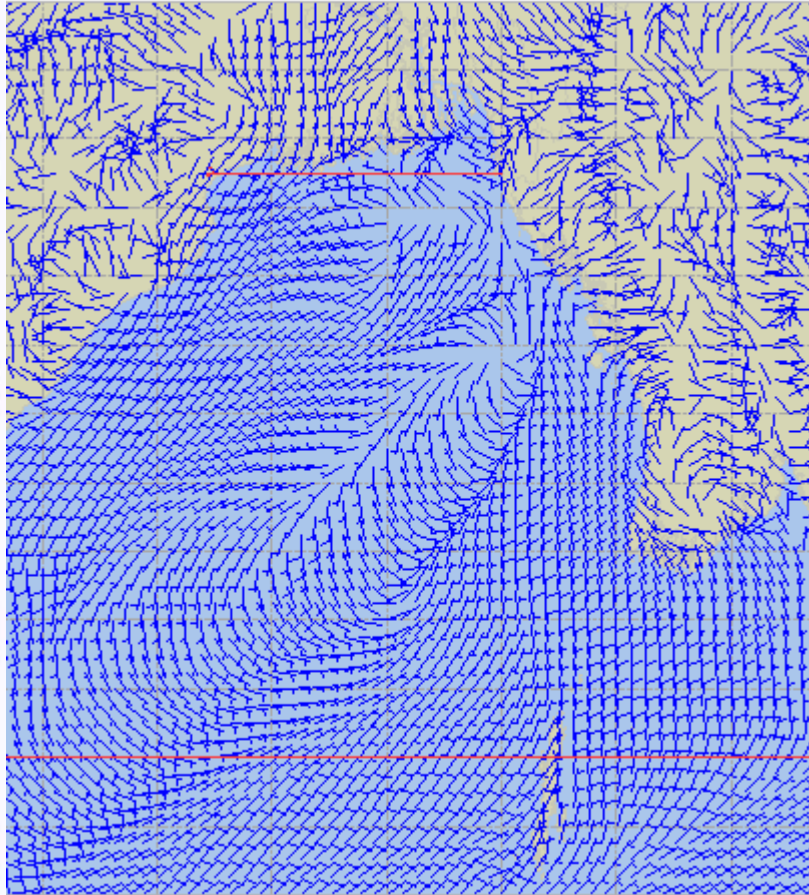




# Surface Wind Forecast – 02 & 03 Mar - 2021

02 Mar 21 Tuesday

03 Mar 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



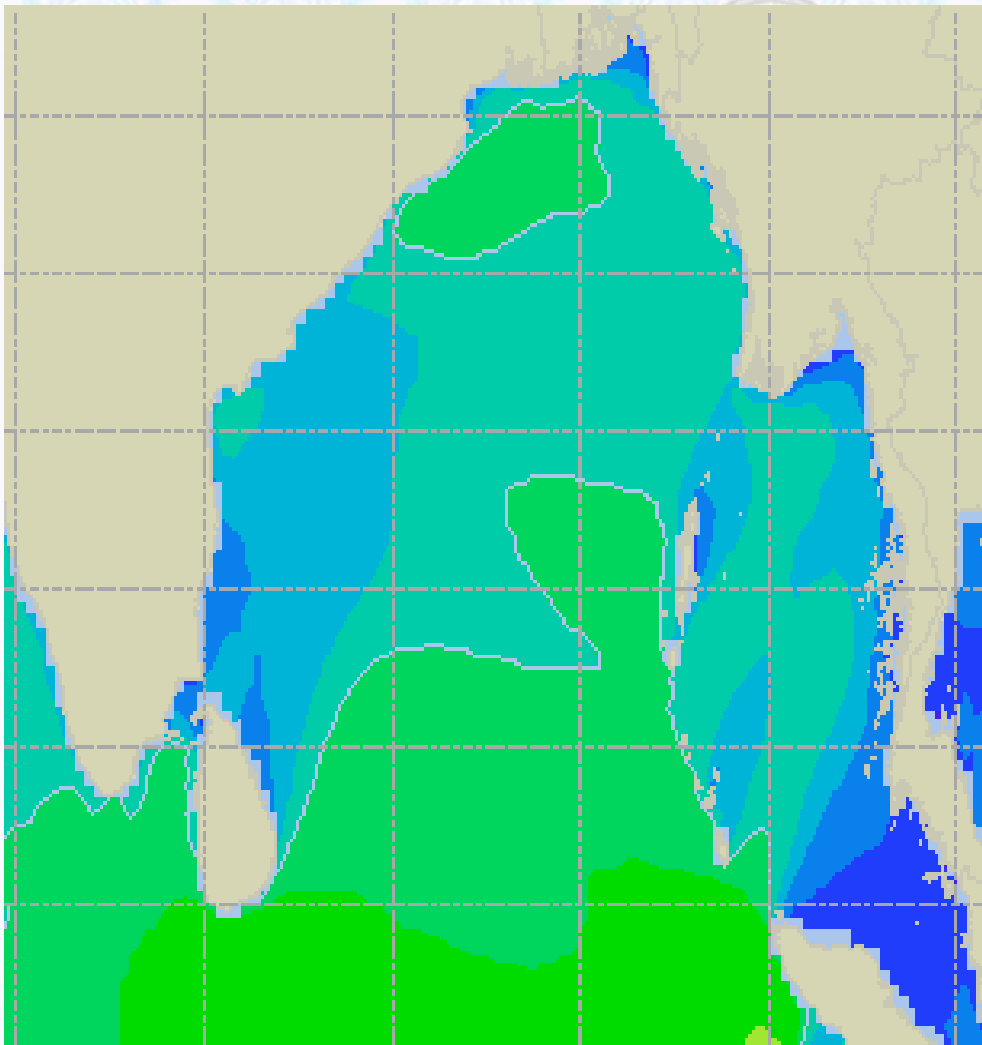
10 Knots



60 Knots



# Sea State Forecast – 01 Mar - 2021



Sea State	Ht (m)
0	0-0.1
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



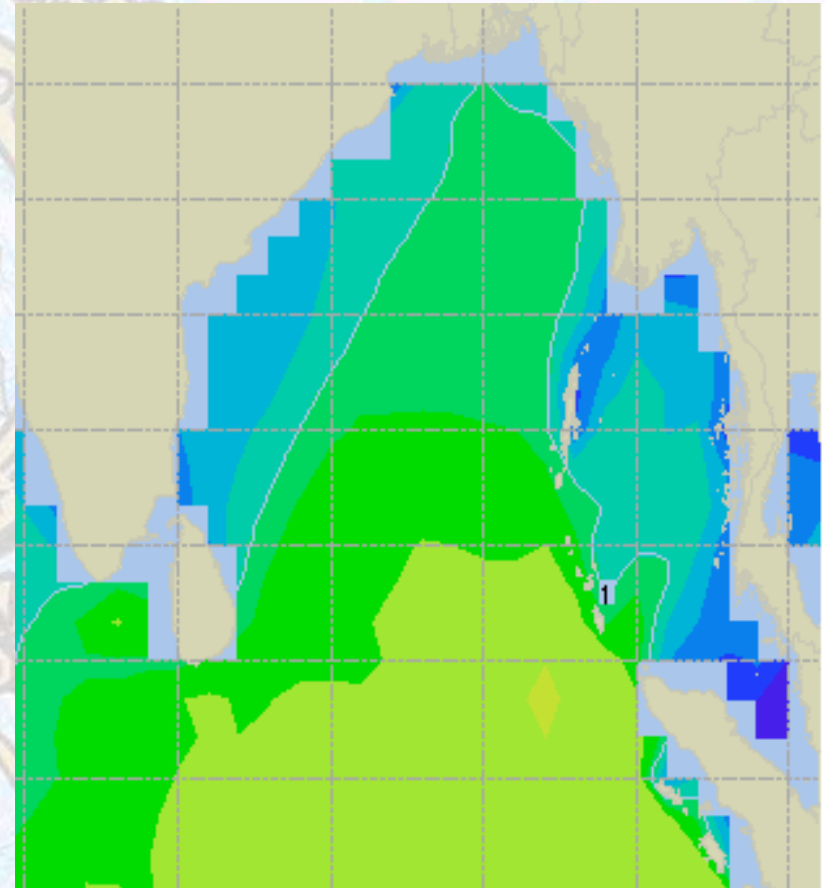
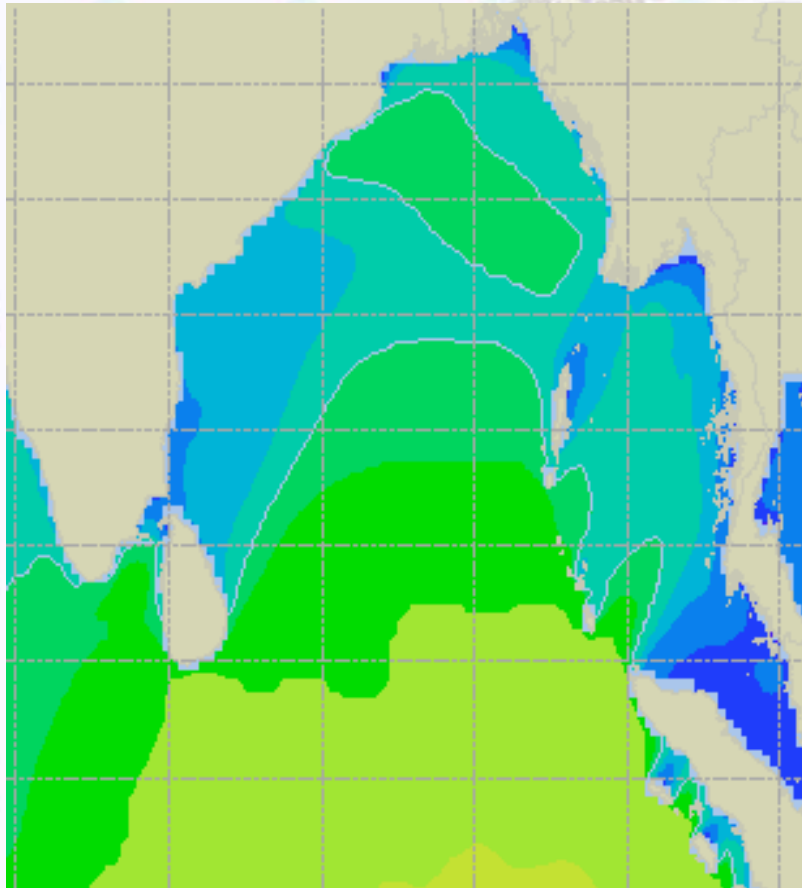




# Sea State Forecast – 02 & 03 Mar - 2021

02 Mar 21 Tuesday

03 Mar 21 Wednesday

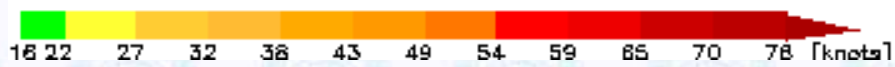
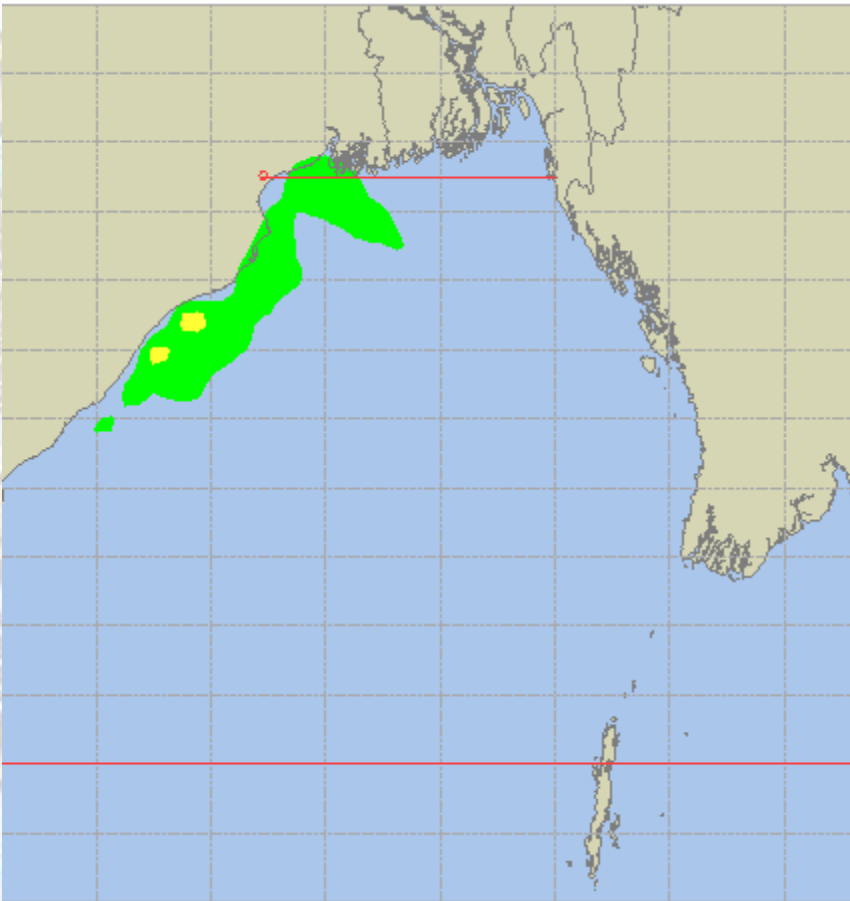
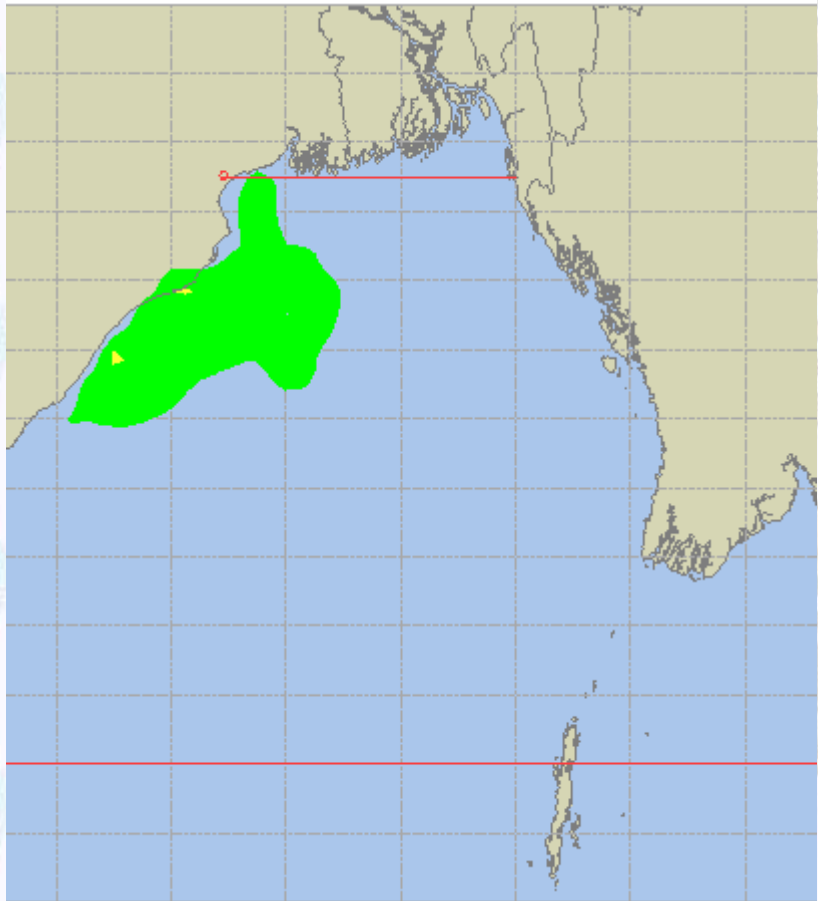




# Peak Gusting Possibilities– 01 & 02 Mar 2021

## 01 Mar 21 Monday

## 02 Mar 21 Tuesday

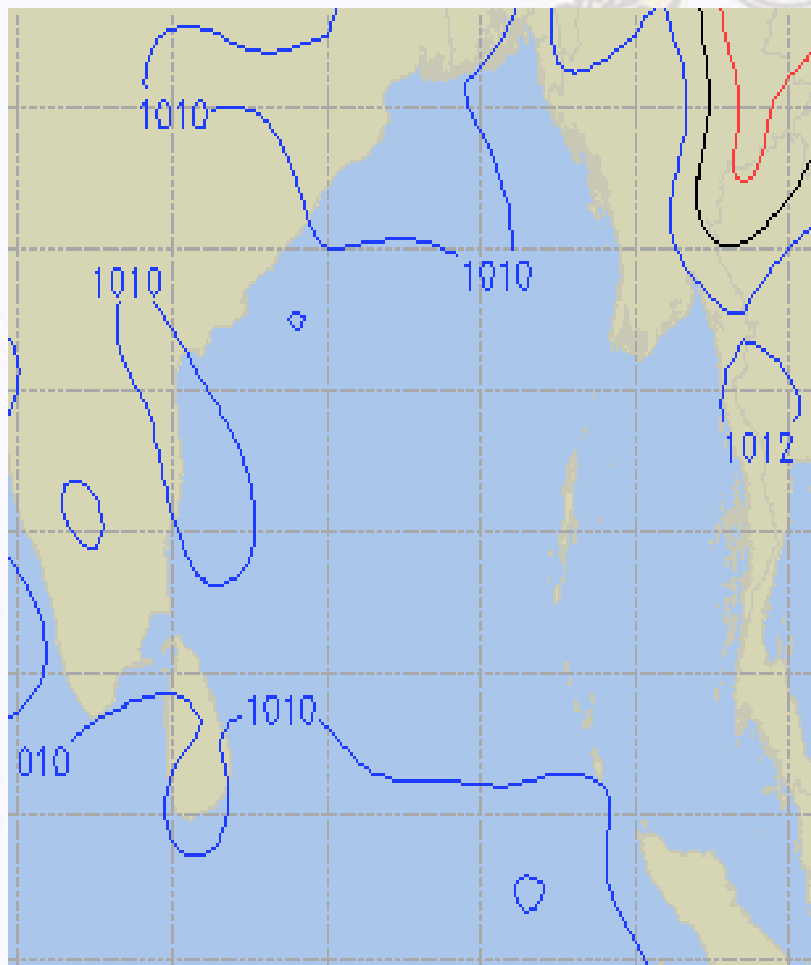




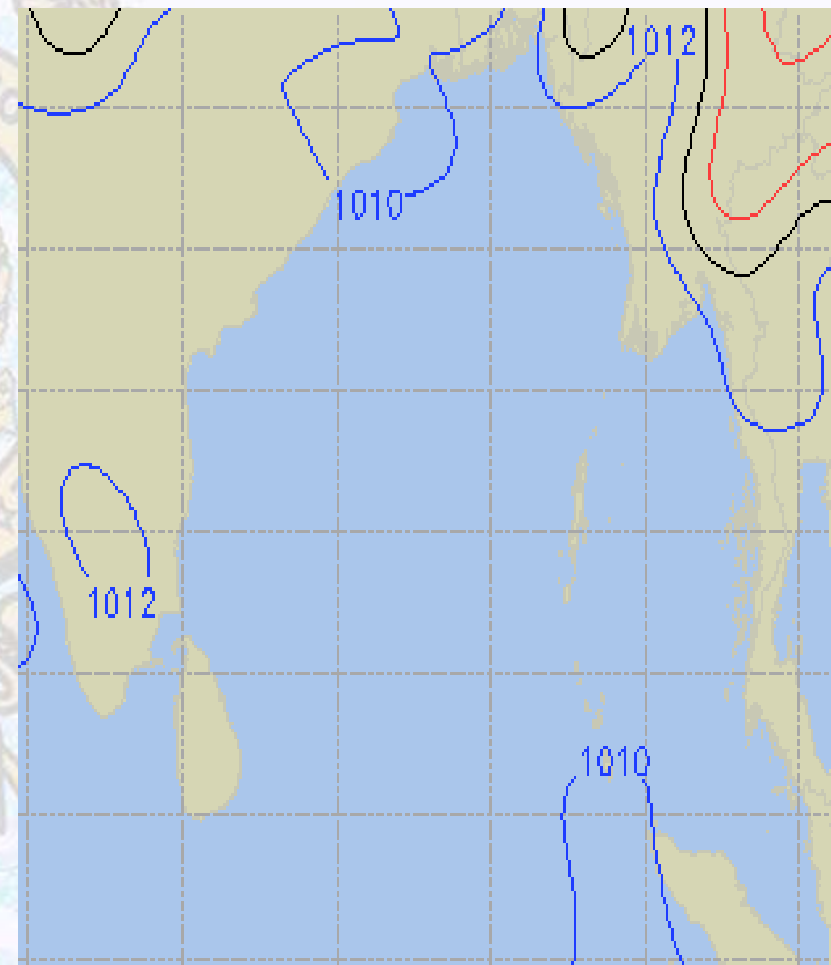


# Surface Pressure forecast – 01 & 02 Mar 2021

01 Mar 21 Monday



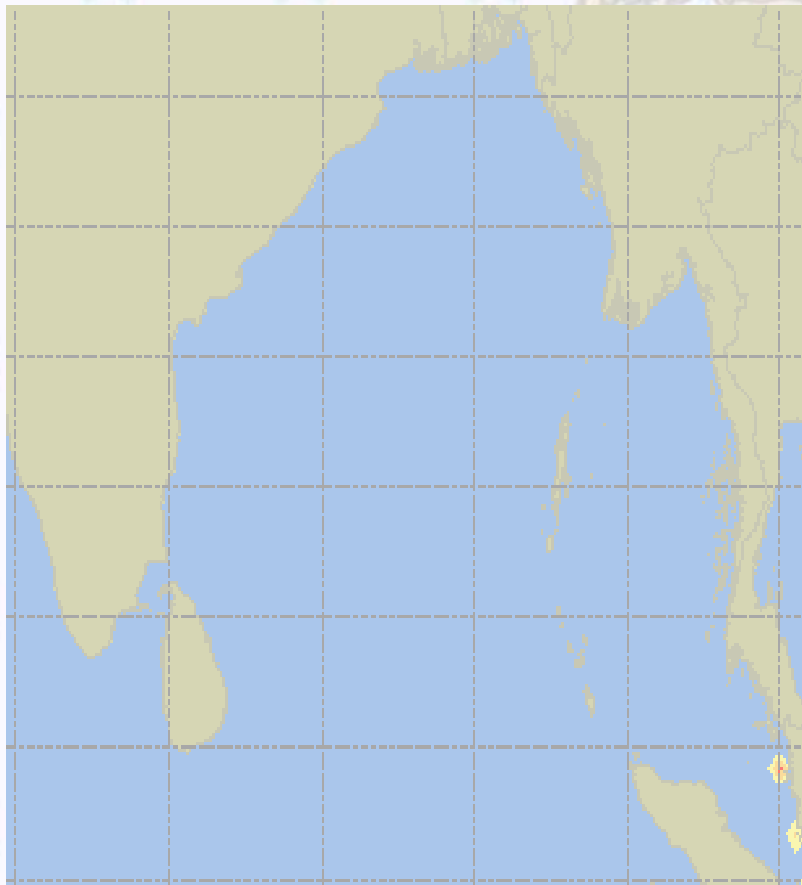
02 Mar 21 Tuesday



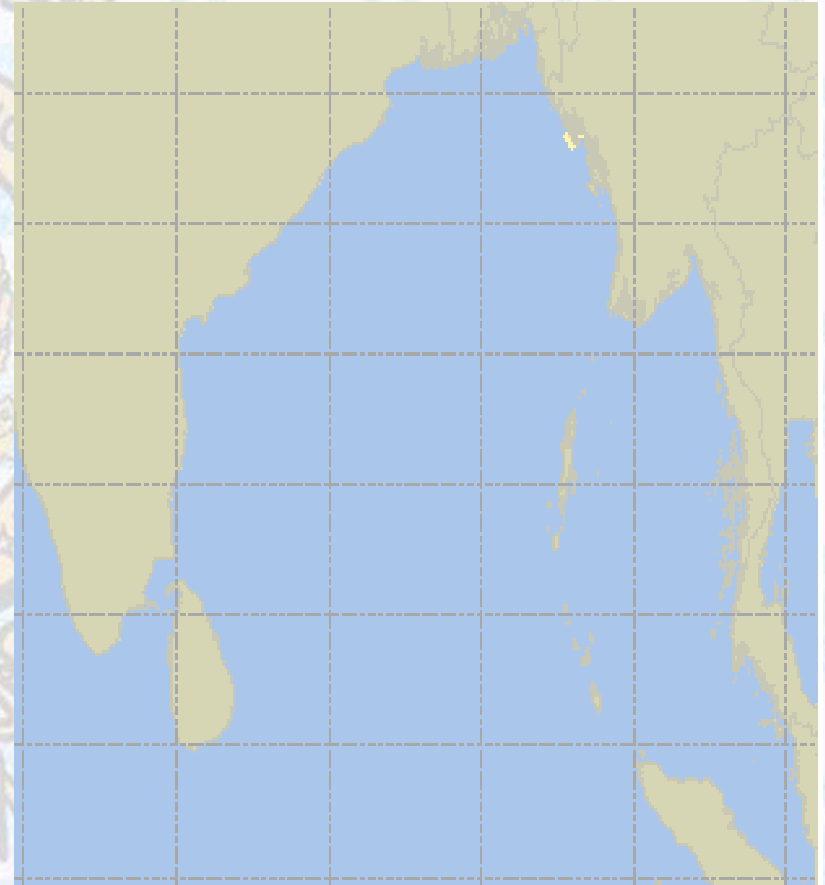


# Visibility at Sea Forecast – 01 & 02 Mar 2021

01 Mar 21 Monday



02 Mar 21 Tuesday



**Visibility Scale:**



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

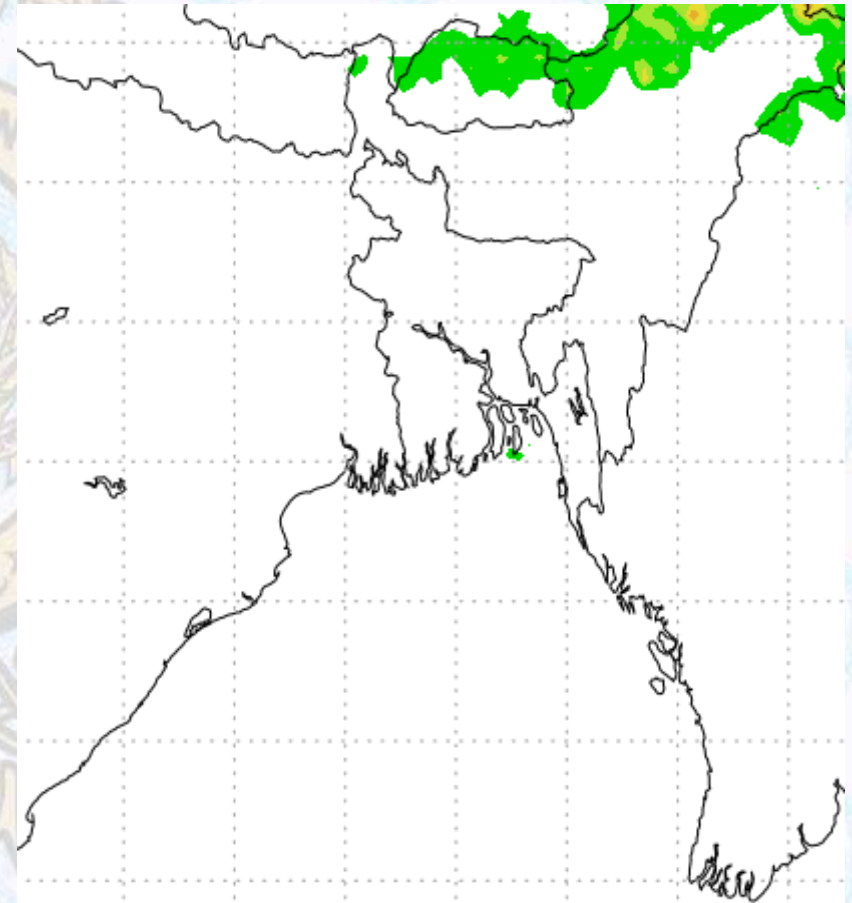
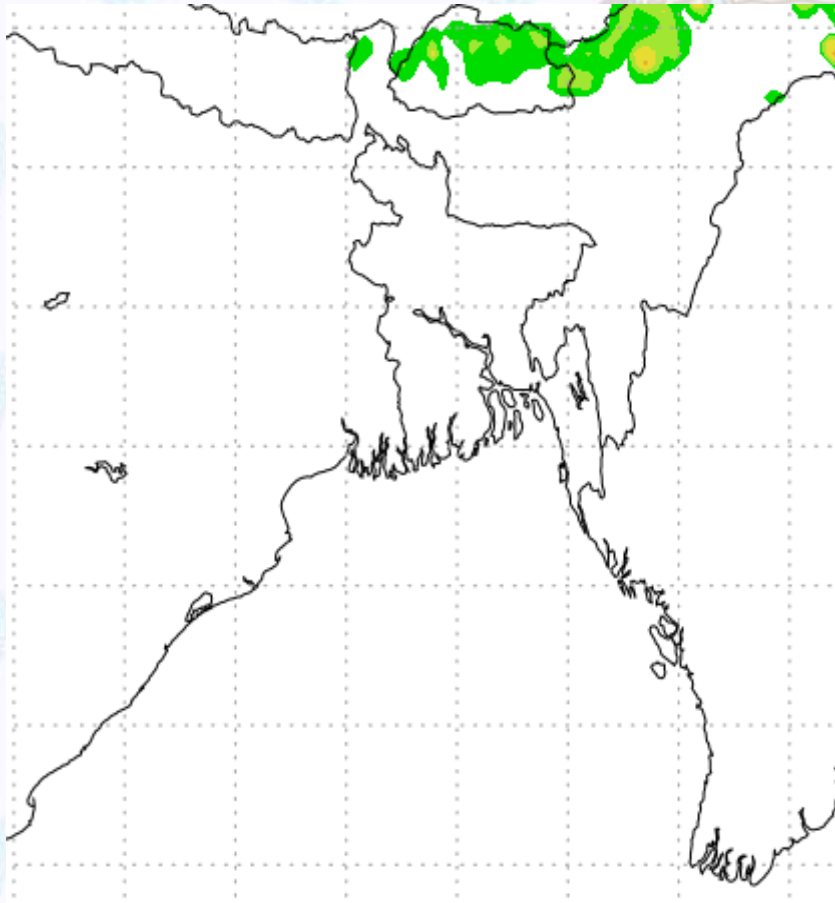




# Precipitation

Rain(mm) 01&02 Mar 21

Rain(mm) 02&03 Mar 21



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>01 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0153	4.45		0624	0.04		0615	0.07
	0847	0.24		1202	3.28		1213	2.84
	1420	4.26		1837	0.08		1827	0.19
	2058	0.35		-	-		-	-
<b>02 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0229	4.44		0023	3.45		0024	2.89
	0922	0.18		0700	0.01		0650	0.06
	1458	4.30		1242	3.26		1250	2.83
	2137	0.35		1915	0.10		1905	0.26
<b>03 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0311	4.32		0102	3.30		0100	2.78
	0959	0.19		0736	0.05		0725	0.15
	1543	4.24		1324	3.15		1329	2.76
	2220	0.44		1955	0.20		1945	0.41