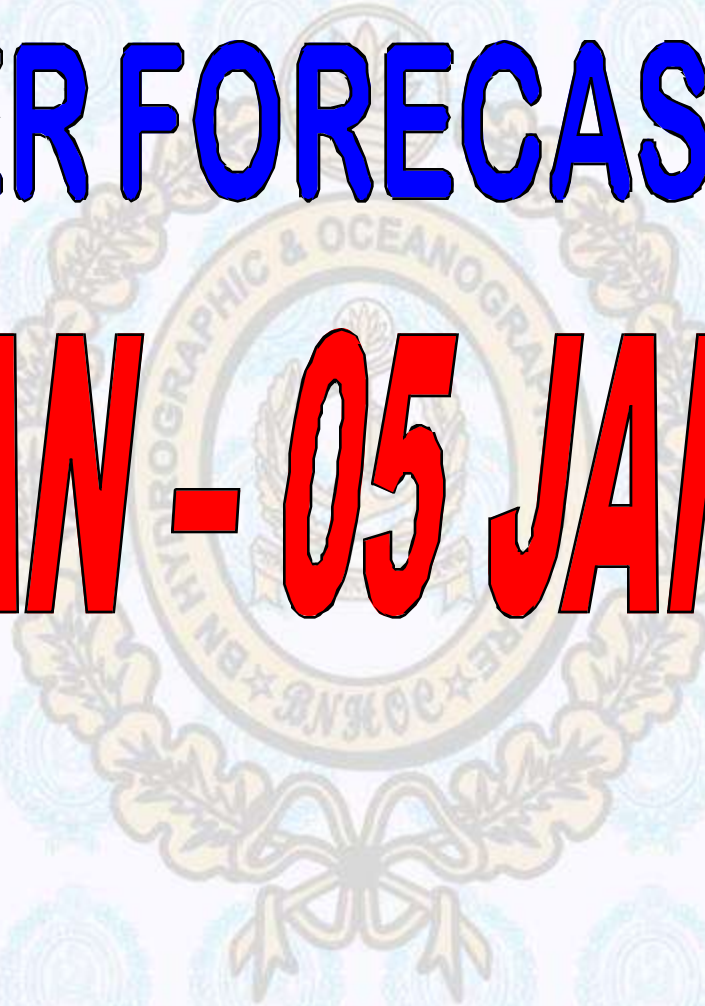




# **WEATHER FORECAST FOR BN**

***02 JAN - 05 JAN 2021***





# WEATHER FORECAST – DHAKA

## 02.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 15	25 / 15	21 / 15	19 / 14
Wind	6 km/h WNW	7 km/h WNW	3 km/h WNW	4 km/h NW
Humidity	55%	54%	70%	79%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	40%	16%	3%	21%
Conditions	Partly Cloudy	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 23 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.25 km

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



# WEATHER FORECAST – CHATTOGRAM

## 02.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 16	25 / 16	20 / 17	18 / 16
Wind	11 km/h W	8 km/h W	5 km/h WNW	5 km/h N
Humidity	53%	58%	81%	89%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	3%	4%	3%	14%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 32 AM			
Sunset	17: 20 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 3:22 Km

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



# WEATHER FORECAST – KHULNA

## 02.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 12	25 / 12	18 / 13	16 / 12
Wind	3 km/h NNW	8 km/h NNW	4 km/h NNW	4 km/h NNW
Humidity	44%	45%	72%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	20%	19%	1%	8%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 29 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 8.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	03 Jan 2021	04 Jan 2021	05 Jan 2021
<b>Temperature (C)</b>	26°C/ 15°C	27°C/ 16°C	28°C/ 16°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h41m54s/17h24m12s	6h42m12s/17h24m54s	6h42m24s/17h25m36s
<b>Day Length</b>	10h42m15s	10h42m42s	10h43m12s
<b>Moon Rise/ Set</b>	9:28 PM 9:56 AM	10:27 PM 10:35 AM	11:27PM 11:14AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 80%	Waning Gibbous, 71%	Waning Gibbous, 60%
<b>NauticalTwilight</b>	05:49,18:15	05:50,18:14	05:50,18:14
<b>Civil Twilight</b>	06:17,17:46	06:18,17:45	06:18,17:44
<b>Humidity</b>	D : 65% N : 78%	D : 64% N : 78%	D : 65% N : 78%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	5 Km/h NW	5 Km/h NNW	7 Km/h NW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	03 Jan 2021	04 Jan 2021	05 Jan 2021
<b>Temperature (C)</b>	27°C/ 15°C	27°C/ 15°C	28°C/ 16°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h33m00s/17h21m36s	6h33m18s/17h22m18s	6h33m30s/17h23m00s
<b>Day Length</b>	10h48m36s	10h49m00s	10h49m30s
<b>Moon Rise/ Set</b>	9:24 PM 9:48 AM	10:22 PM 10:28 AM	11:27PM 11:14AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 81%	Waning Gibbous, 71%	Waning Gibbous, 60%
<b>NauticalTwilight</b>	05:41 18:12	05:42 18:11	05:42 18:11
<b>Civil Twilight</b>	06:09, 17:44	06:10, 17:43	06:10, 17:43
<b>Humidity</b>	D : 70% N : 87%	D : 67% N : 86%	D : 66% N : 86%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NNW	7 Km/h NNW	8 Km/h NNW

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



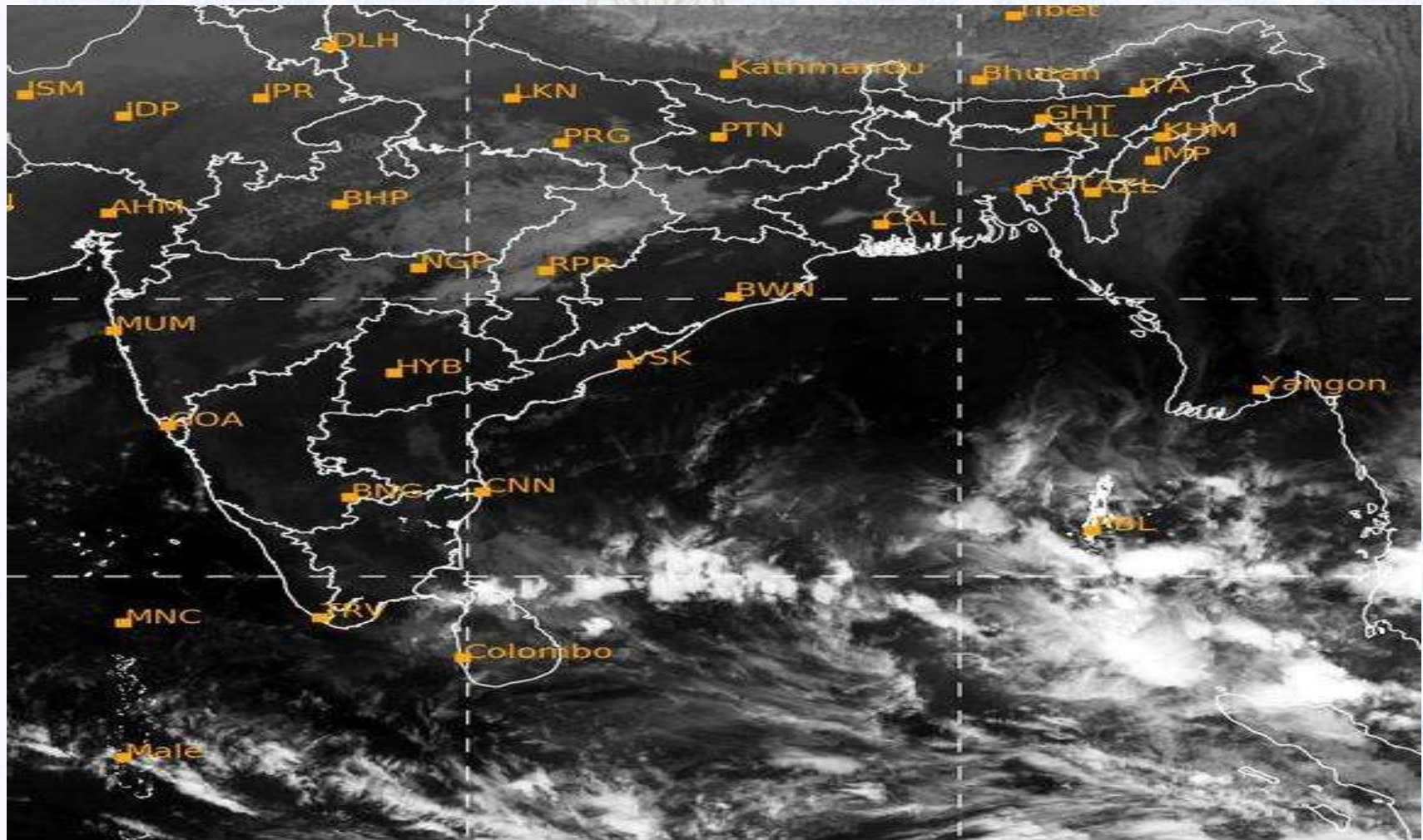
# GENERAL WEATHER FORECAST – KHULNA

Description	03 Jan 2021	04 Jan 2021	05 Jan 2021
<b>Temperature(C)</b>	26°C/ 14°C	27°C/ 14°C	28°C/ 16°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h43m12s/17h29m42s	6h43m30s/17h30m24s	6h43m42s/17h31m00s
<b>Day Length</b>	10h46m30s	10h46m54s	10h47m18s
<b>Moon Rise/Set</b>	9:33 PM 9:58 AM	10:31 PM 10:38 AM	11:27PM 11:14AM
<b>Moon Phase/illu</b>	Waning Gibbous, 80%	Waning Gibbous, 71%	Waning Gibbous, 60%
<b>NauticalTwilight</b>	05:51, 18:20	05:52, 18:19	05:52, 18:19
<b>Civil Twilight</b>	06:19, 17:52	06:20, 17:51	06:20, 17:50
<b>Humidity</b>	D : 61% N : 78%	D : 63% N : 79%	D : 64% N : 79%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	5 km/h N	6 km/h N	5 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



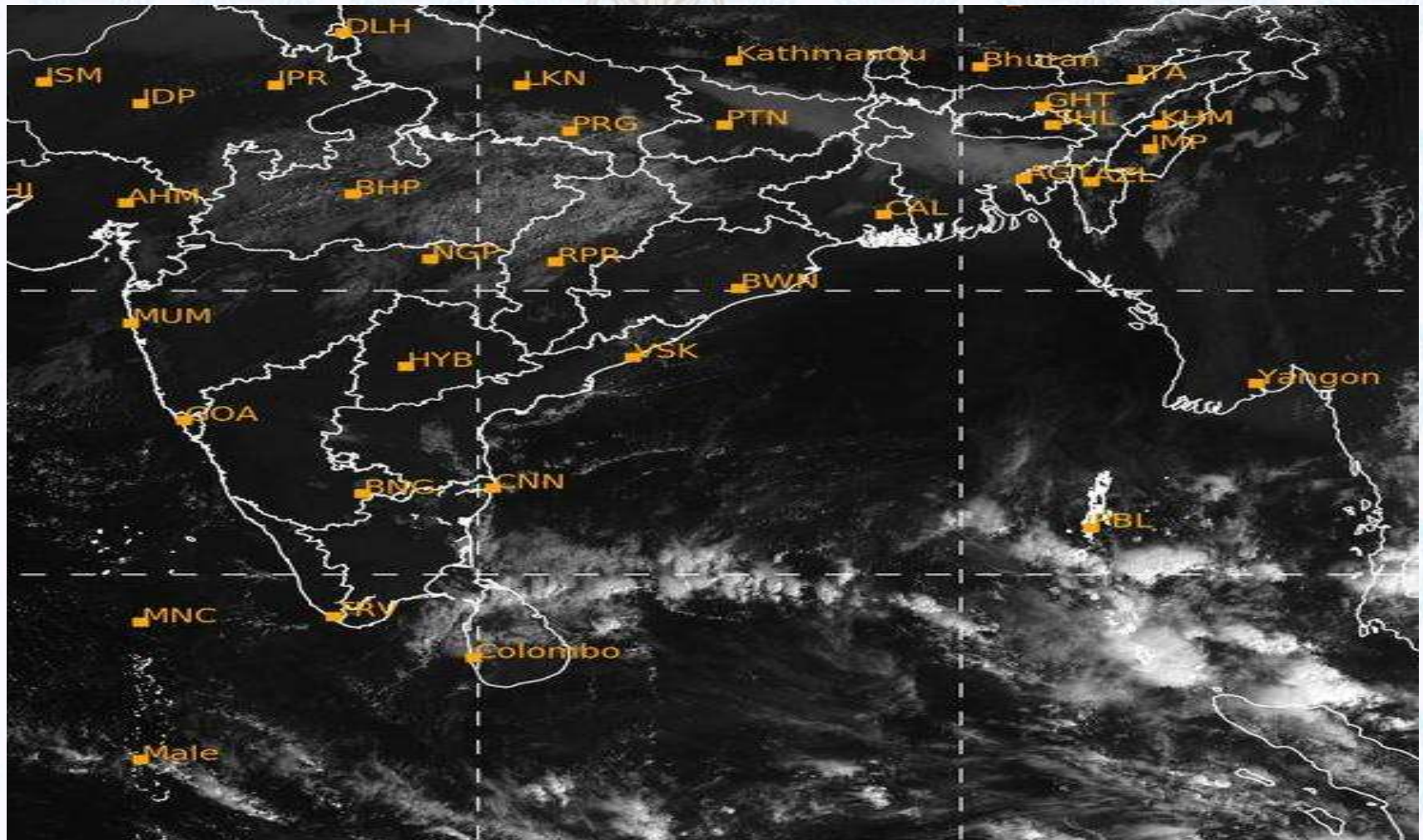
02/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



02/01/2021, 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 02.01.2021)

<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	NORTH/NORTH-EASTERLY, 08-12 KTS,
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 02,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 02.01.2020)

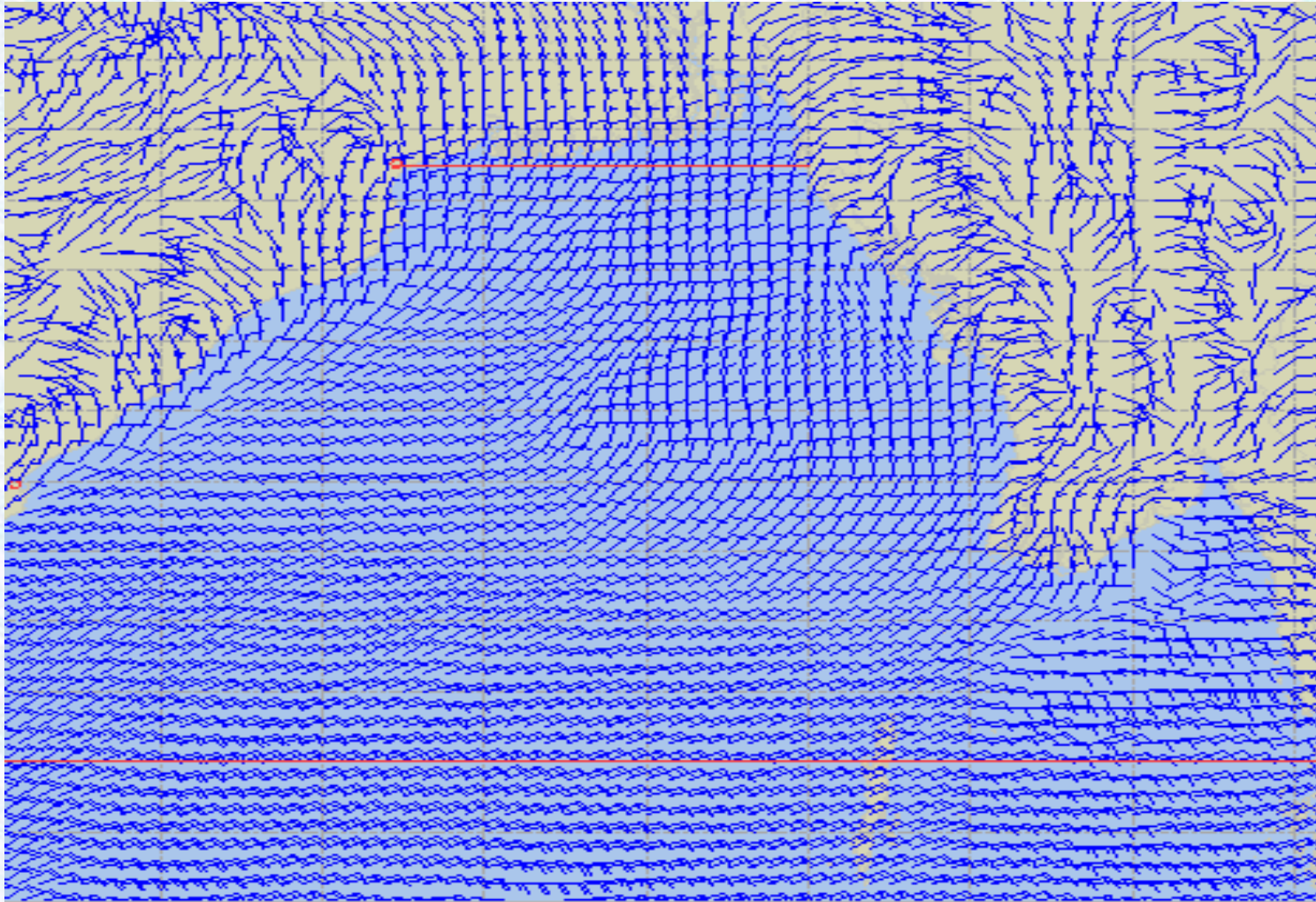
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 03 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



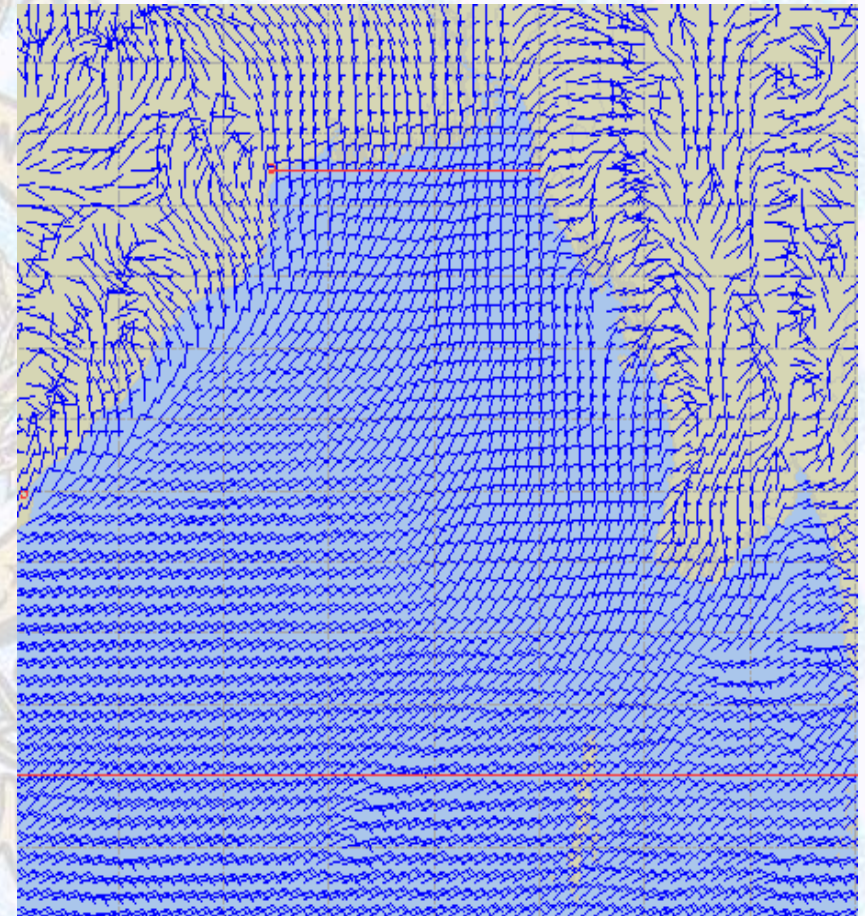
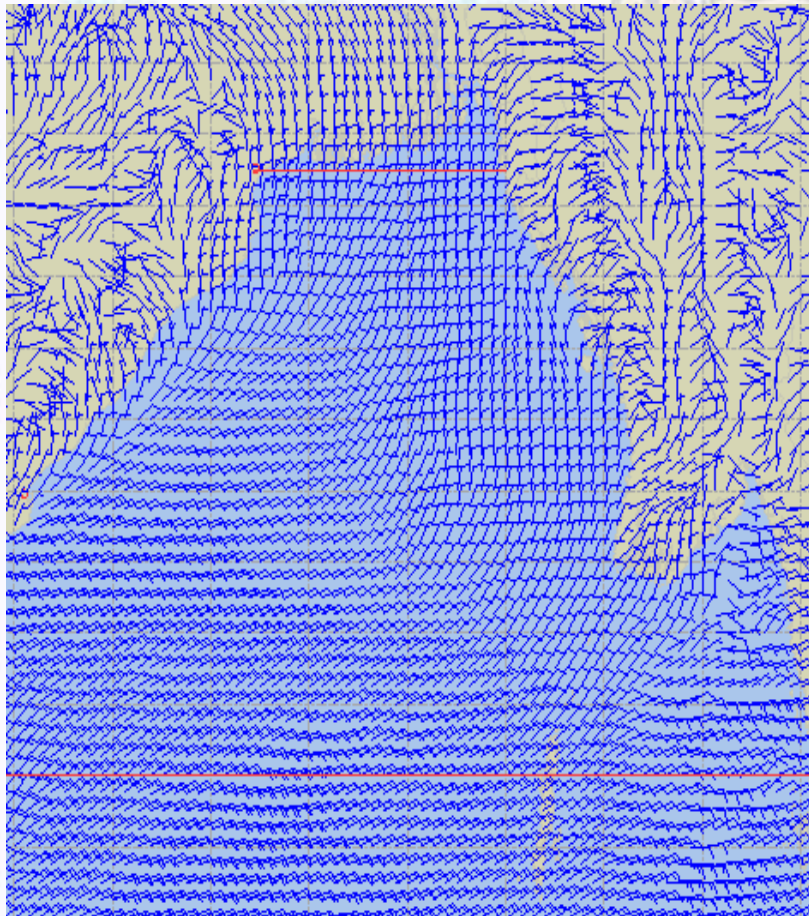
**60 Knots**



# Surface Wind Forecast – 04 & 05 Jan - 2021

04 Jan 21 Monday

05 Jan 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



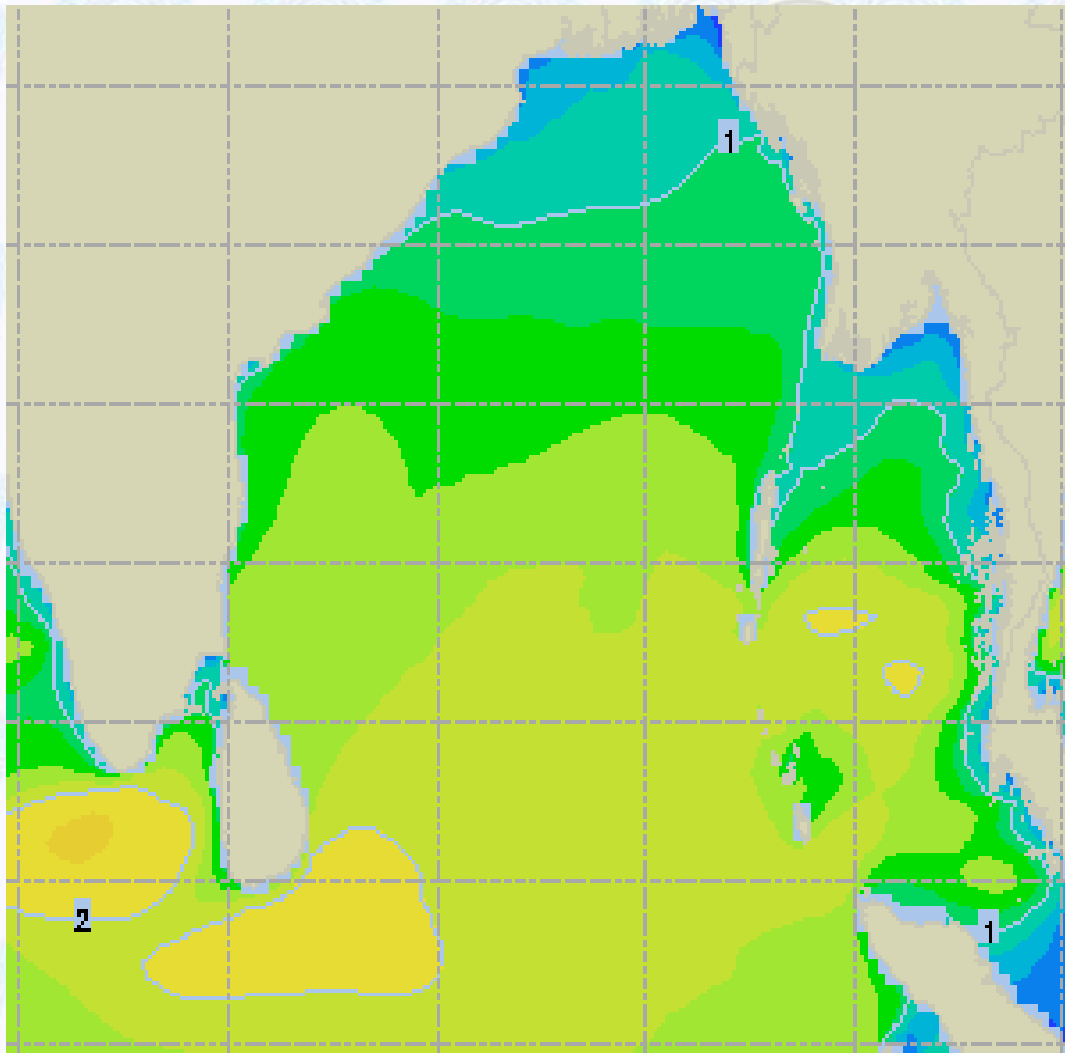
10 Knots



60 Knots



# Sea State Forecast – 03 Jan - 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

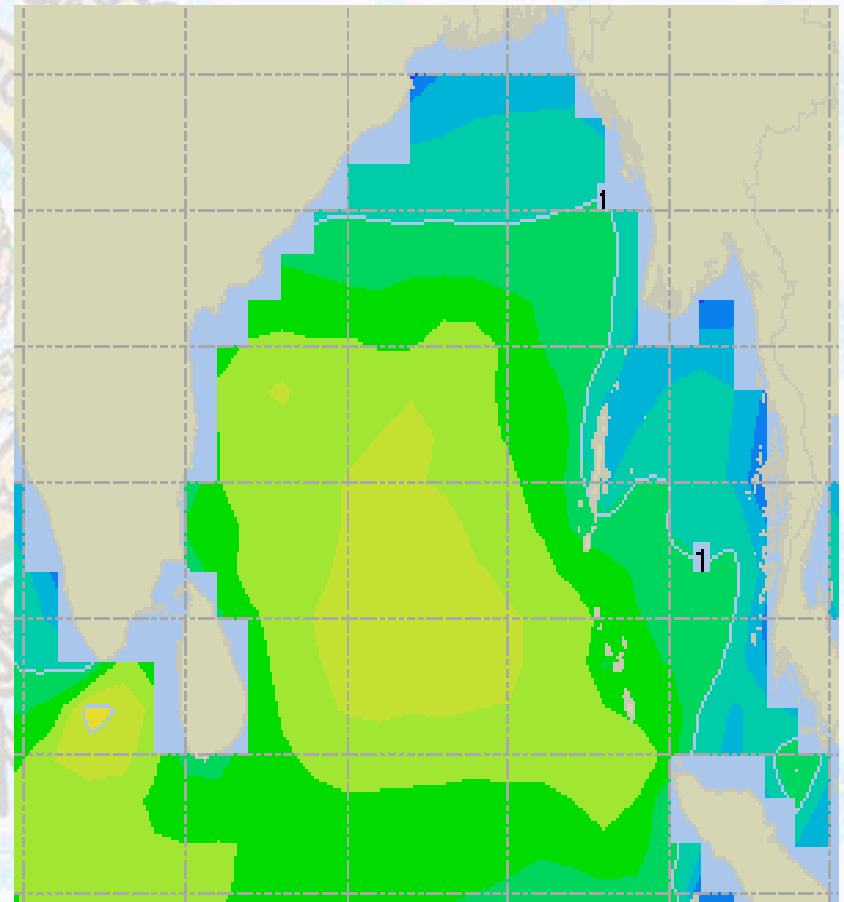
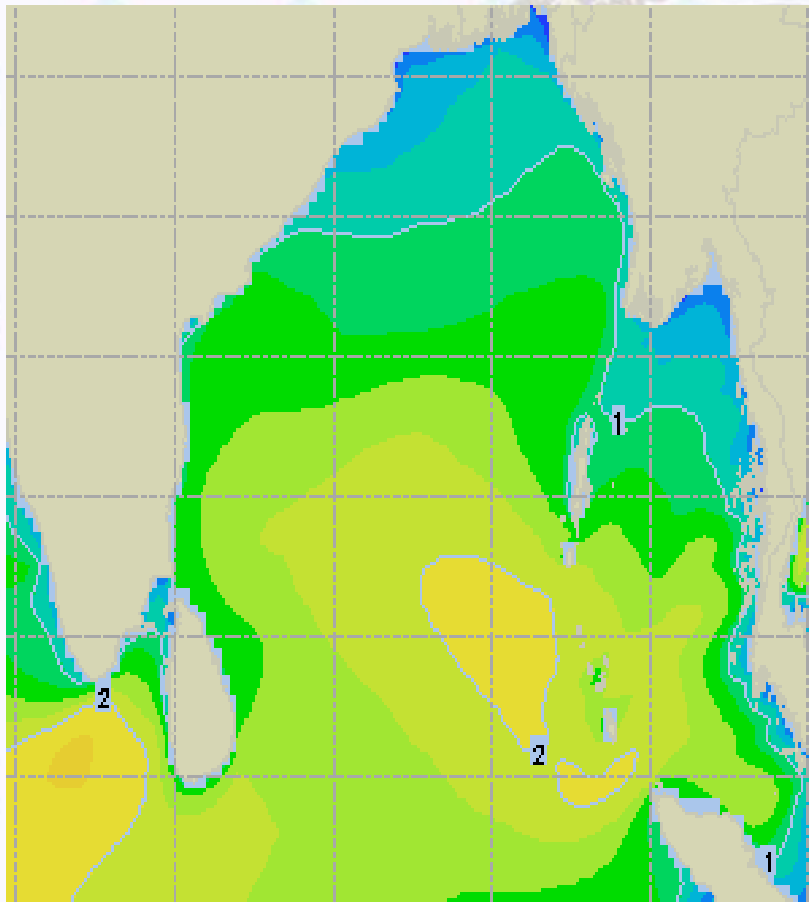




# Sea State Forecast – 04 & 05 Jan - 2021

04 Jan 21 Monday

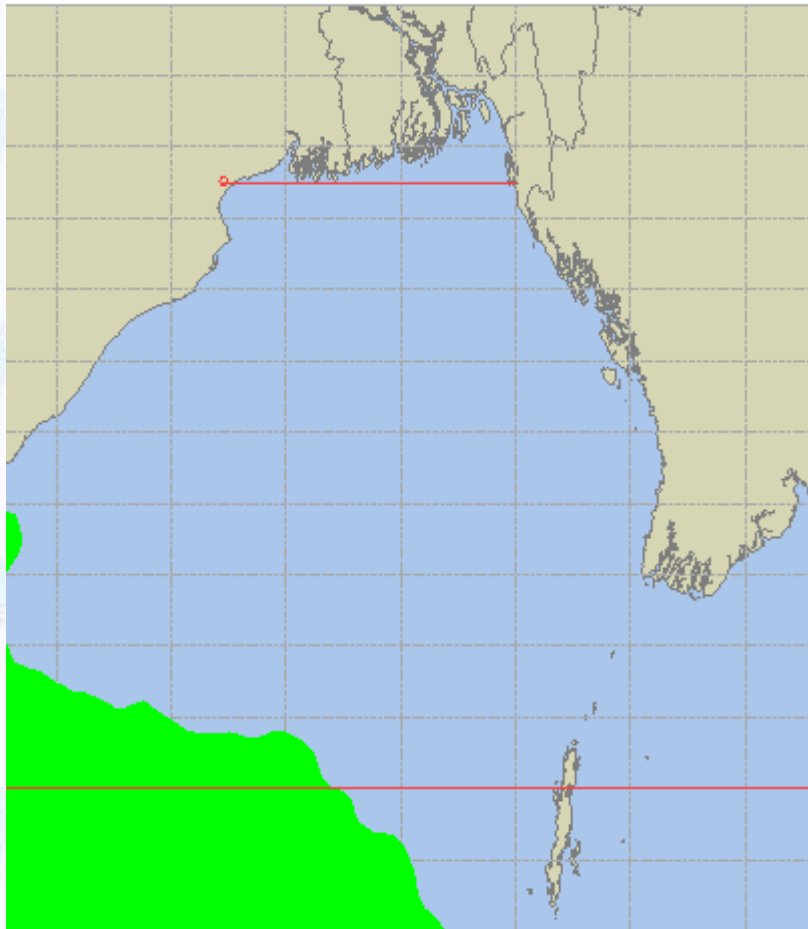
05 Jan 21 Tuesday



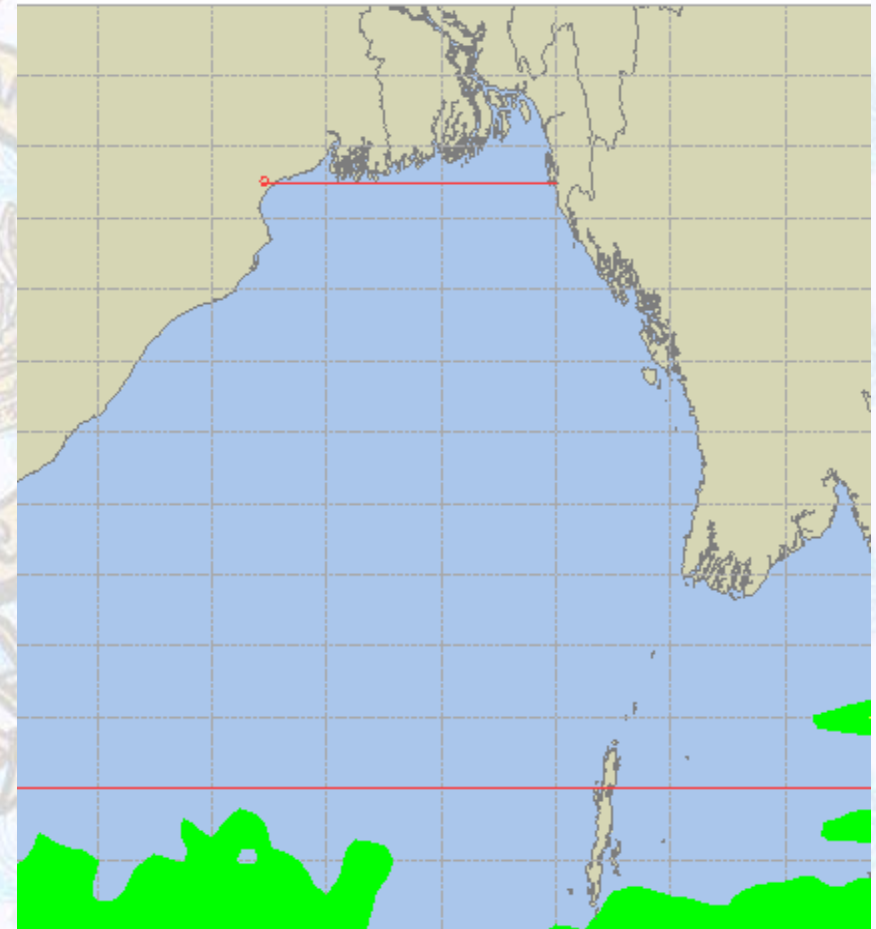


# Peak Gusting Possibilities– 03 & 04 Jan 2021

03 Jan 21 Sunday



04 Jan 21 Monday

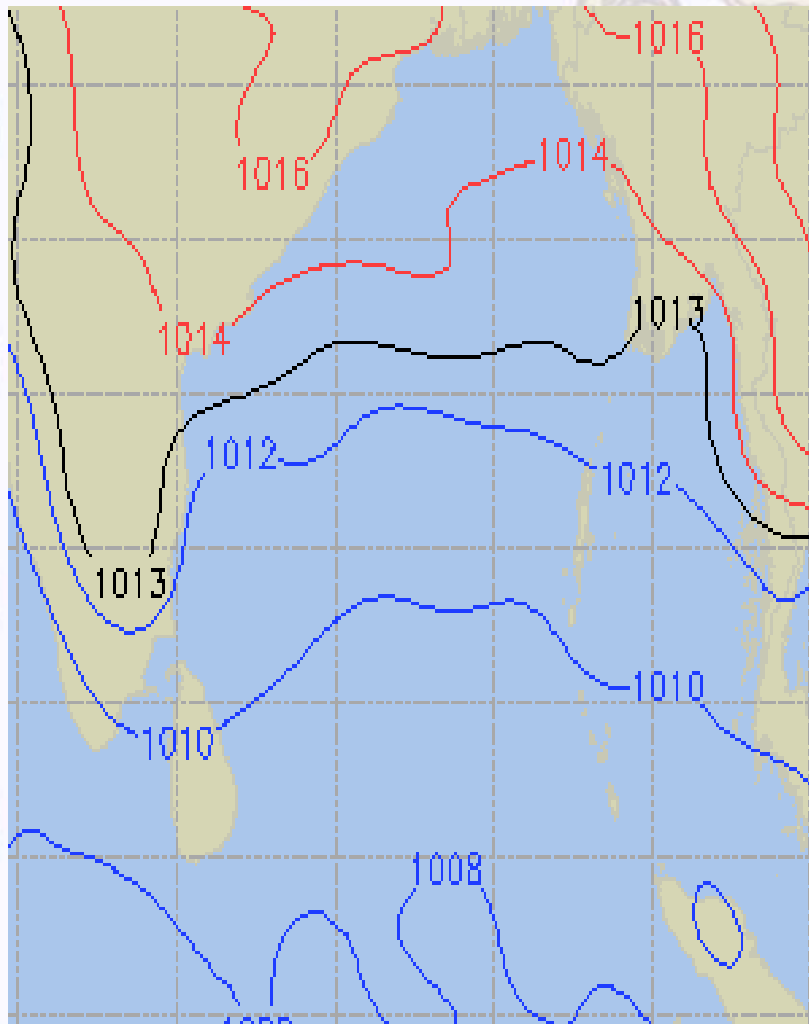




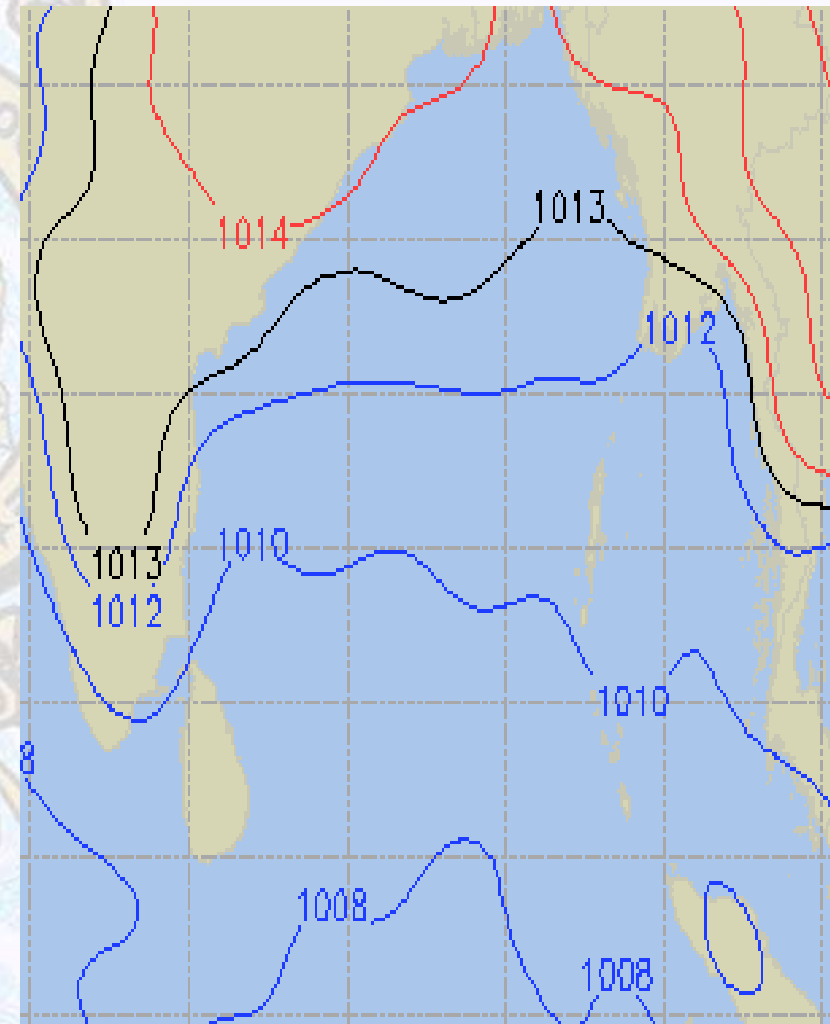


# Surface Pressure forecast – 03 & 04 Jan 2021

03 Jan 21 Sunday



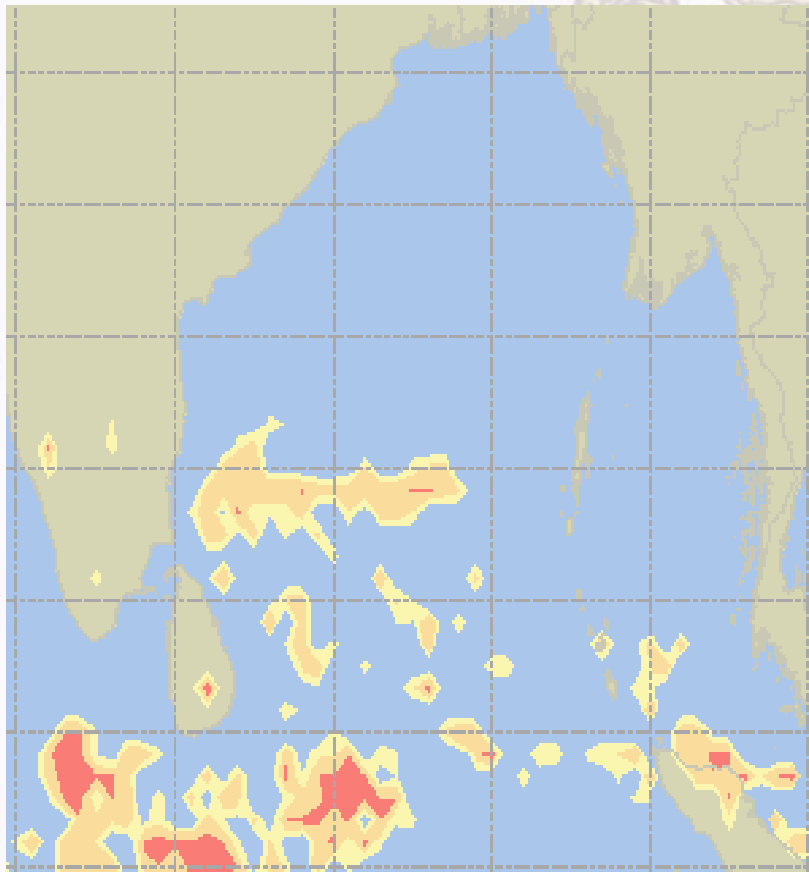
04 Jan 21 Monday



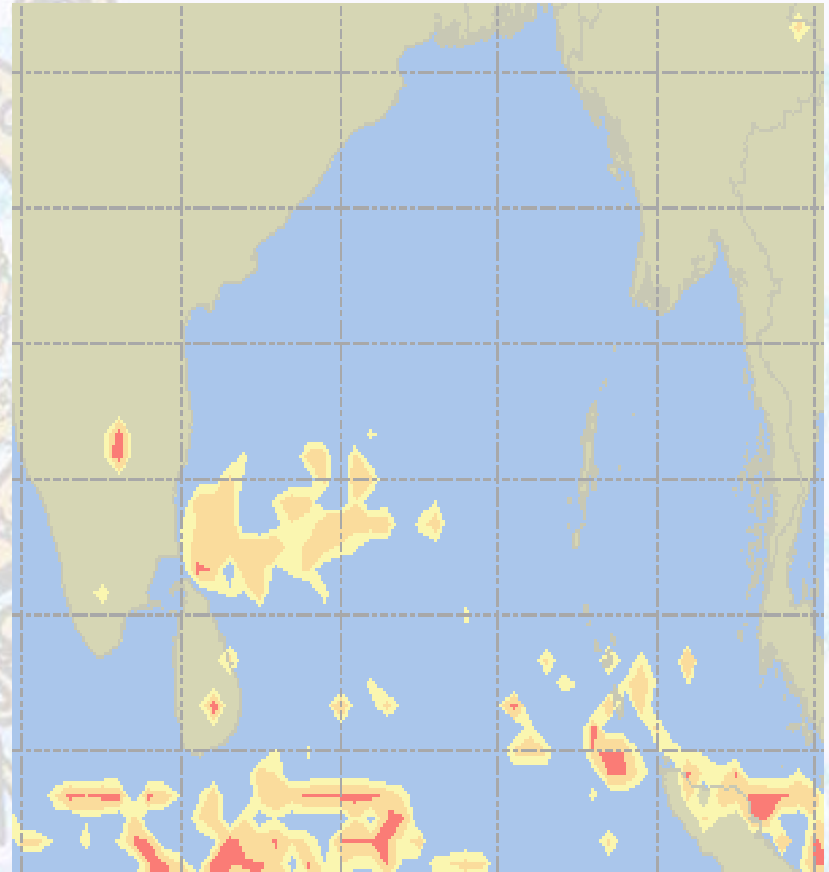


# Visibility at Sea Forecast – 03 & 04 Jan 2021

03 Jan 21 Sunday



04 Jan 21 Monday



**Visibility Scale:**

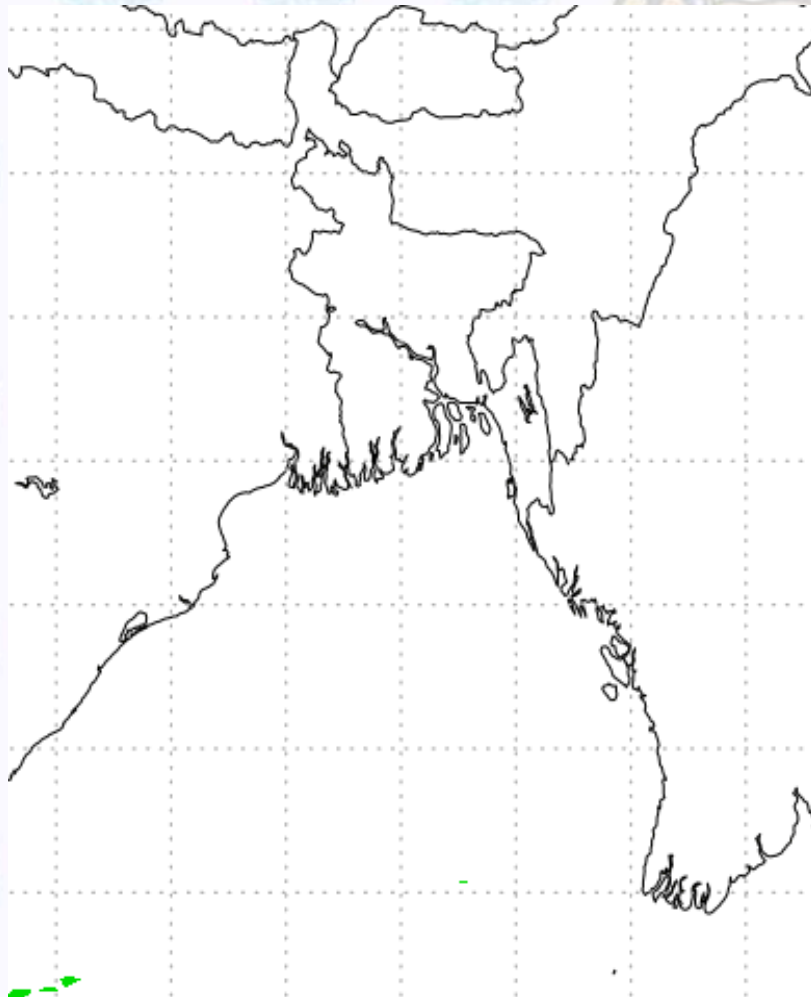


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

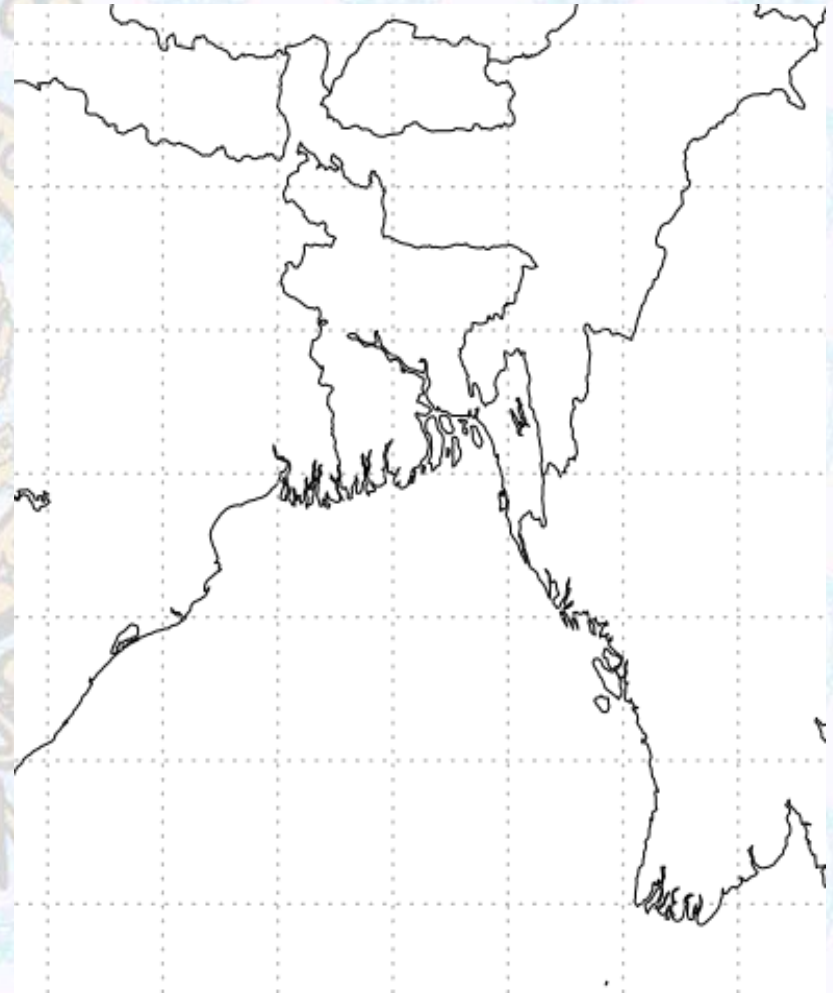


# Precipitation

Rain(mm) 03 & 04 Jan 2021



Rain(mm) 04 & 05 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>03 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0258	4.31		0103	3.23		0056	2.83
	0957	0.59		0735	0.52		0732	0.62
	1533	3.83		1318	2.74		1324	2.49
	2158	0.71		1939	0.59		1929	0.68
<b>04 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0344	4.22		0143	3.12		0135	2.77
	1041	0.56		0815	0.56		0812	0.64
	1625	3.80		1405	2.68		1409	2.47
	2249	0.80		2025	0.67		2015	0.79
<b>05 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0439	4.06		0229	2.97		0219	2.67
	1131	0.57		0900	0.62		0856	0.67
	1726	3.77		1458	2.62		1501	2.45
	2349	0.91		2119	0.76		2108	0.91