



# **WEATHER FORECAST FOR BN**

***31 JAN - 03 FEB 2021***





# WEATHER FORECAST – DHAKA

## 31.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 13	21 / 11	18 / 12	16 / 11
Wind	10 km/h WNW	9 km/h WNW	5 km/h NW	4 km/h WNW
Humidity	56%	53%	69%	76%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 39 AM			
Sunset	17: 44 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 3.22 km

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



# WEATHER FORECAST – CHATTOGRAM

## 31.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 10	23 / 9	19 / 13	17 / 12
Wind	12 km/h NW	10 km/h WNW	10 km/h NNW	10 km/h NNW
Humidity	43%	41%	67%	74%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	1%	1%	2%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 31 AM			
Sunset	17: 40 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.5 Km

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



# WEATHER FORECAST – KHULNA

## 31.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	22 / 9	22 / 9	16 / 10	14 / 10
Wind	10 km/h NW	9 km/h NW	5 km/h NNW	3 m/h N
Humidity	44%	44%	69%	79%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 49 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 3.5 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	01 Feb 2021	02 Feb 2021	03 Feb 2021
<b>Temperature (C)</b>	23 °C/ 12 °C	24 °C/ 13 °C	25 °C/ 14 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h39m30s/17h45m06s	6h39m06s/17h45m48s	6h38m42s/17h46m30s
<b>Day Length</b>	11h05m36s	11h06m42s	11h07m48s
<b>Moon Rise/ Set</b>	9:21PM 9:14AM	10:21PM 9:52AM	11:22PM 10:29AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 84%	Waning Gibbous, 75%	Waning Gibbous, 64%
<b>Nautical Twilight</b>	05:46, 18:34	05:46, 18:34	05:45, 18:35
<b>Civil Twilight</b>	06:13, 18:06	06:13, 18:06	06:12, 18:07
<b>Humidity</b>	D : 69%    N : 81%	D : 68%    N : 79%	D : 70%    N : 81%
<b>Barometer (mb)</b>	1017	1017	1016
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NW	9 Km/h NW	7 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	01 Feb 2021	02 Feb 2021	03 Feb 2021
<b>Temperature (C)</b>	23 °C/ 12 °C	24 °C/ 12 °C	25 °C/ 13 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h31m30s/ 17h41m36s	6h31m06s/ 17h42m18s	6h30m48s/ 17h42m54s
<b>Day Length</b>	11h10m06s	11h11m12s	11h12m06s
<b>Moon Rise/ Set</b>	9:21PM 9:14AM	10:21PM 9:52AM	11:15PM 10:24AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 84%	Waning Gibbous, 75%	Waning Gibbous, 64%
<b>NauticalTwilight</b>	05:38, 18:29	05:38, 18:29	05:37, 18:30
<b>Civil Twilight</b>	06:06, 18:01	06:06, 18:01	06:05, 18:02
<b>Humidity</b>	D : 62% N : 85%	D : 63% N : 85%	D : 64% N : 88%
<b>Barometer (mb)</b>	1017	1017	1016
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	10 Km/h NW	10 Km/h NW	9 Km/h NW

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



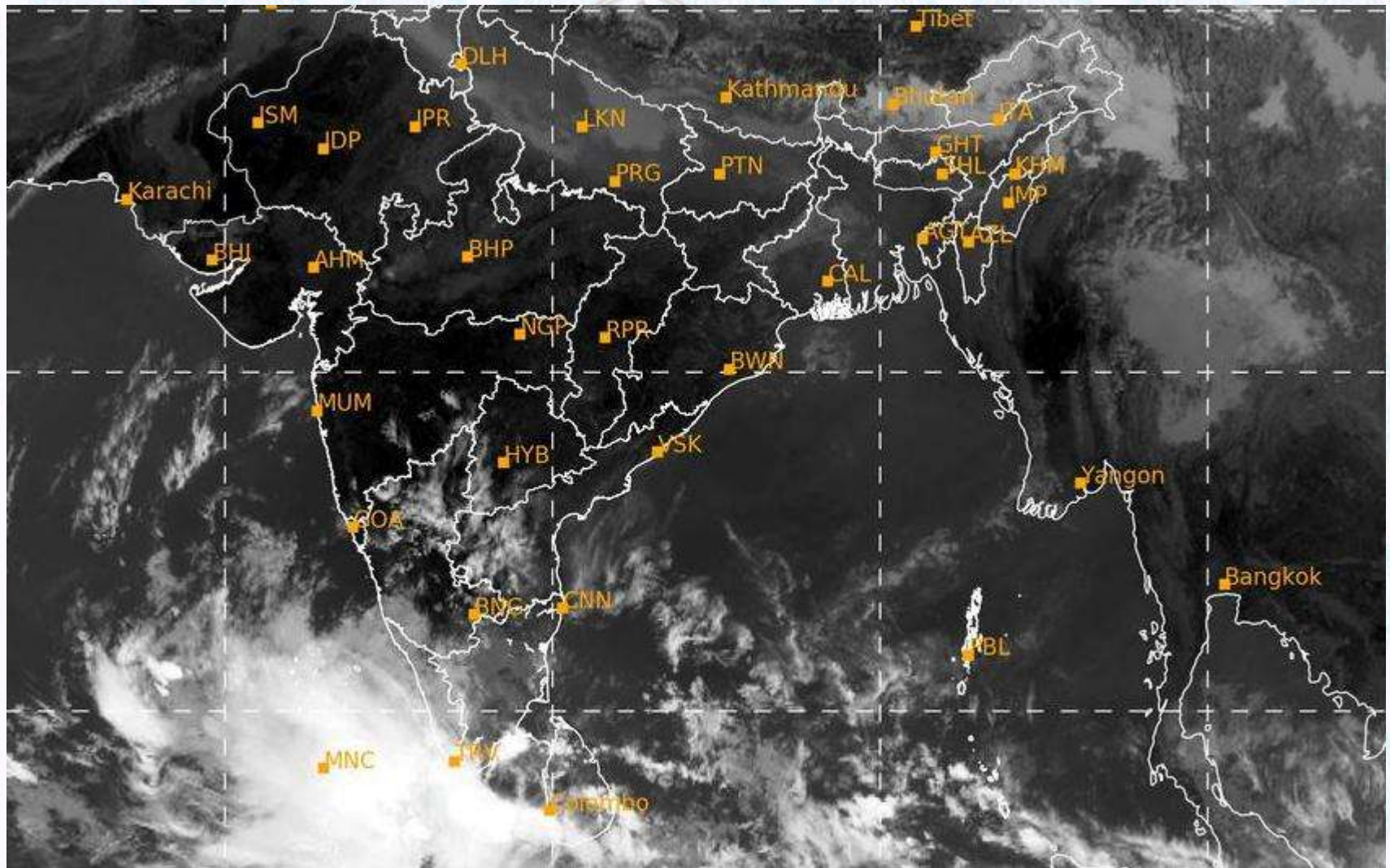
# GENERAL WEATHER FORECAST – KHULNA

Description	01 Feb 2021	02 Feb 2021	03 Feb 2021
<b>Temperature(C)</b>	23°C/ 11°C	24°C/ 12°C	25°C/ 13°C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h41m24s/17h50m00s	6h41m00s/ 17h50m42s	6h40m42s/ 17h51m18s
<b>Day Length</b>	10h08m36s	10h09m42s	10h10m36s
<b>Moon Rise/Set</b>	9:21PM 9:14AM	10:21PM 9:52AM	11:25PM 10:33AM
<b>Moon Phase/illu</b>	Waning Gibbous, 84%	Waning Gibbous, 75%	Waning Gibbous, 64%
<b>Nautical Twilight</b>	05:48, 18:37	05:48, 18:37	05:47, 18:38
<b>Civil Twilight</b>	06:18, 18:08	06:18, 18:08	06:17, 18:09
<b>Humidity</b>	D : 65%    N : 81%	D : 64%    N : 80%	D : 64%    N : 79%
<b>Barometer (mb)</b>	1017	1017	1016
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	11 km/h NNW	11 km/h NNW	10 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



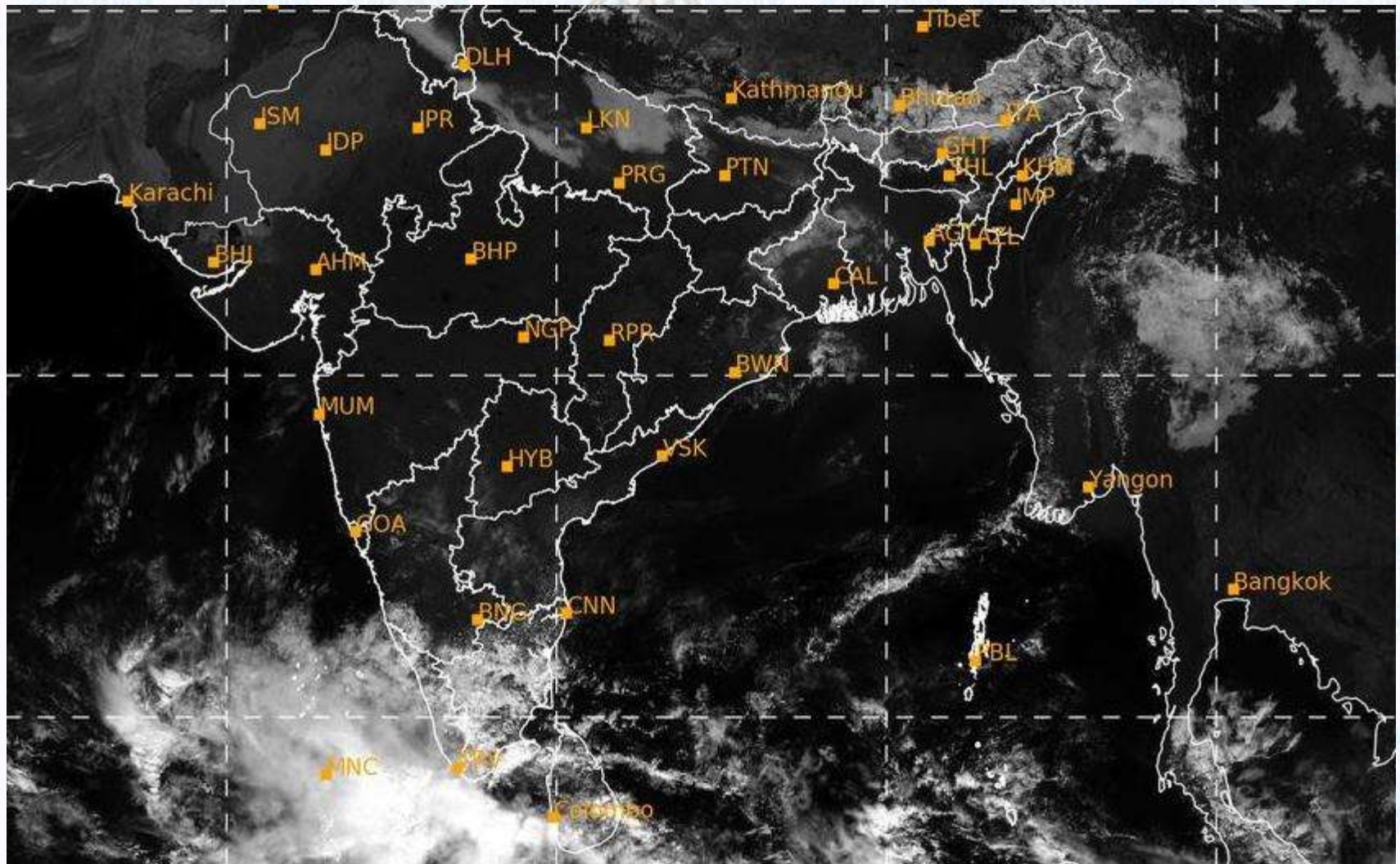
31/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



31/01/2021, 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 31.01.2021)

<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	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 = 31,0000 UTC. CHATTOGRAM =1016 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 31.01.2020)

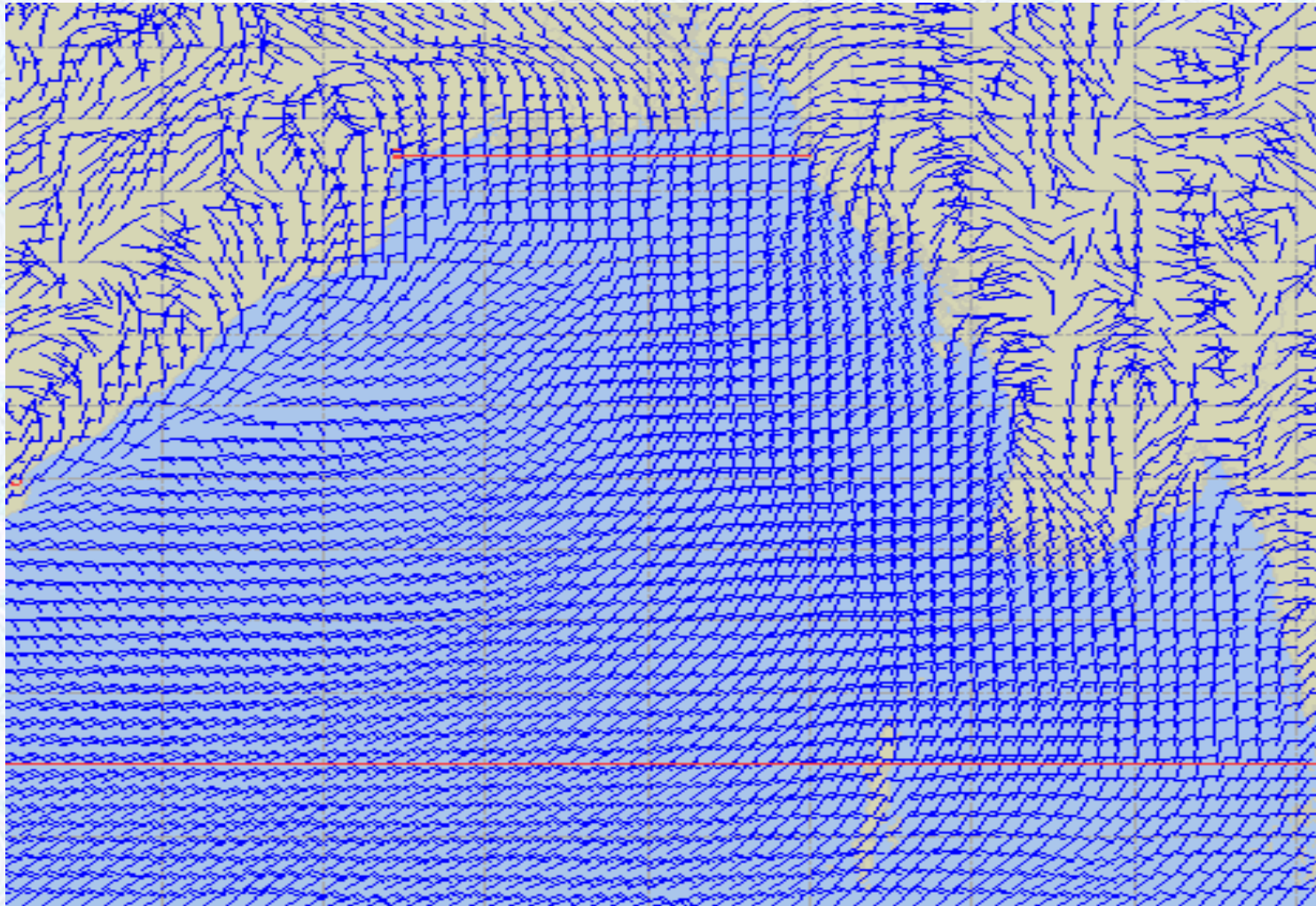
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 01 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



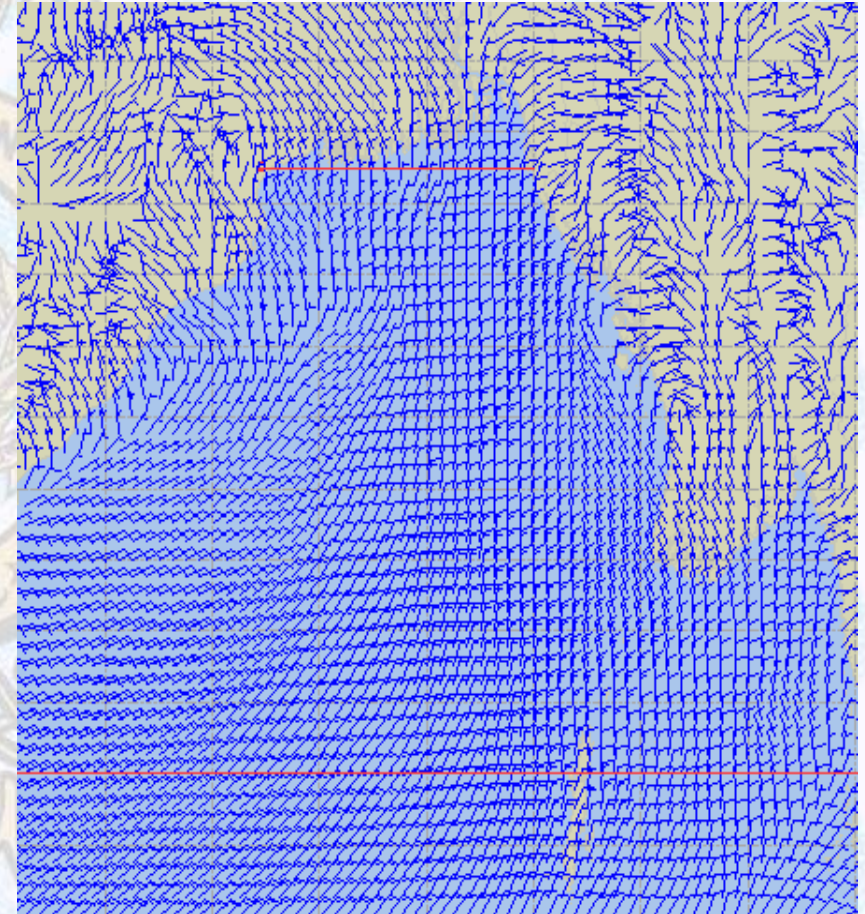
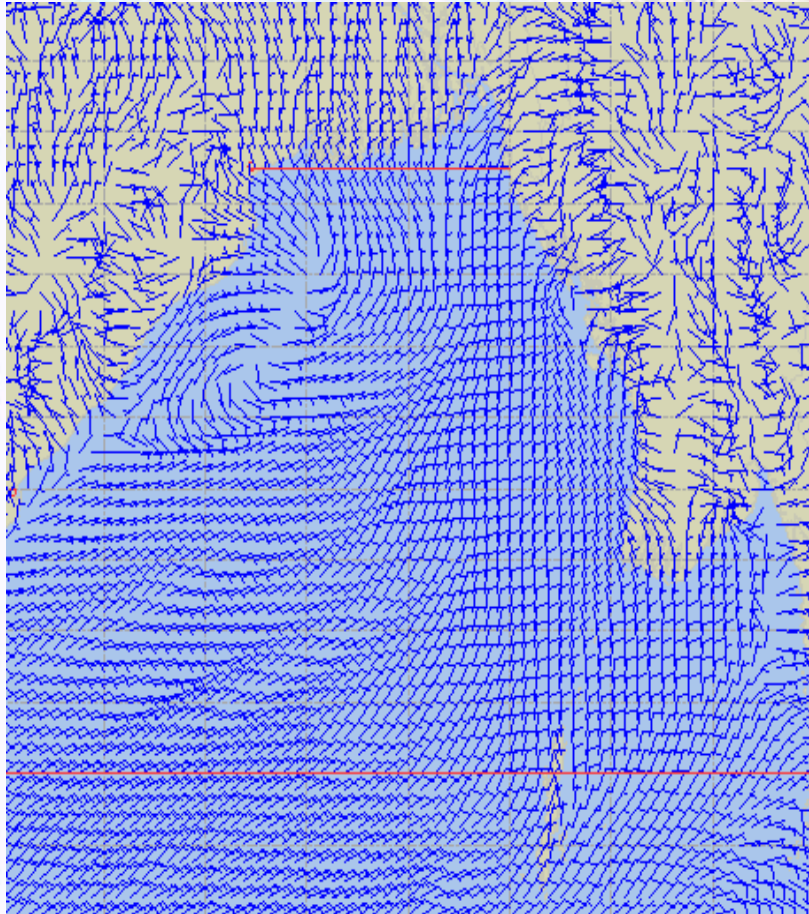
**60 Knots**



# Surface Wind Forecast – 02 & 03 Feb - 2021

02 Feb 21 Tuesday

03 Feb 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



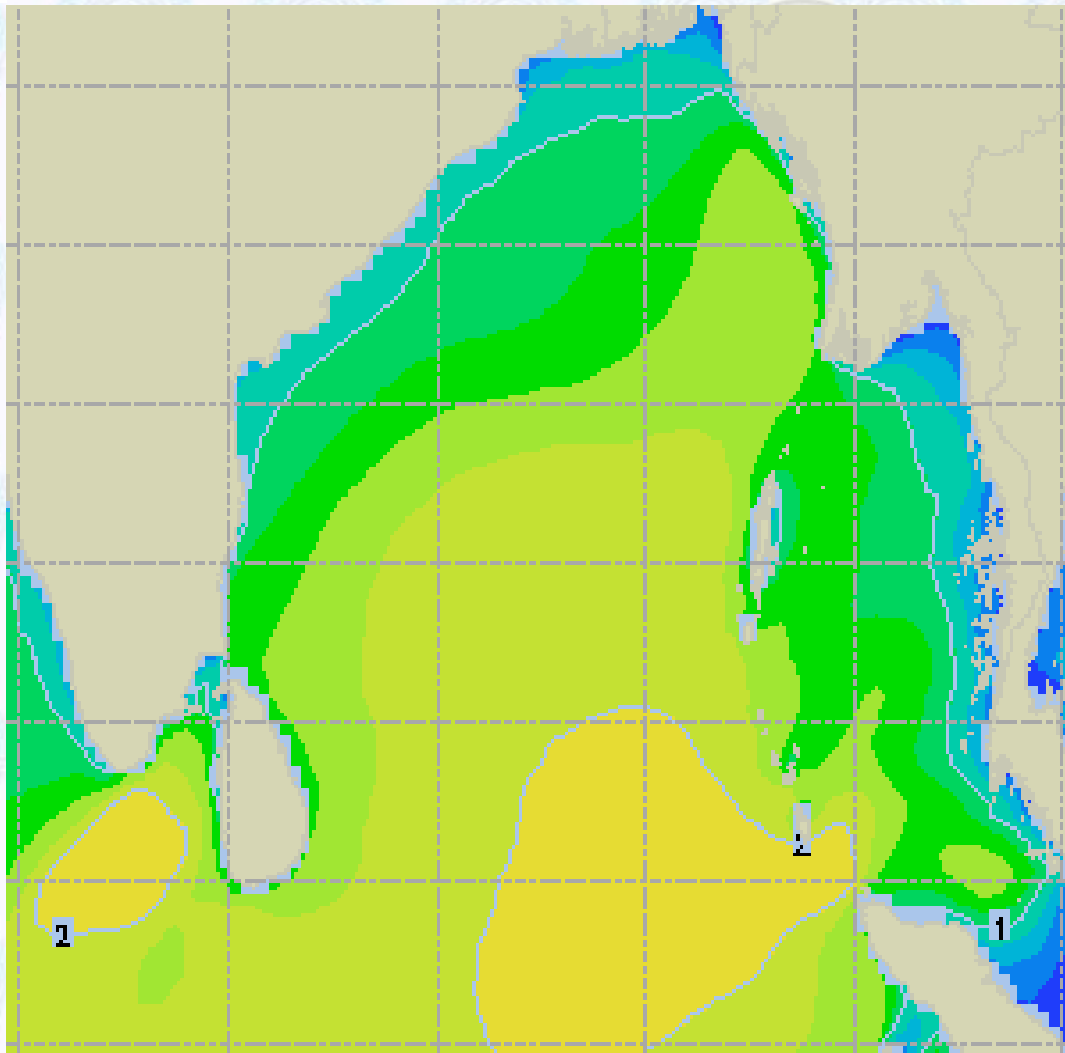
10 Knots



60 Knots



# Sea State Forecast – 01 Feb - 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

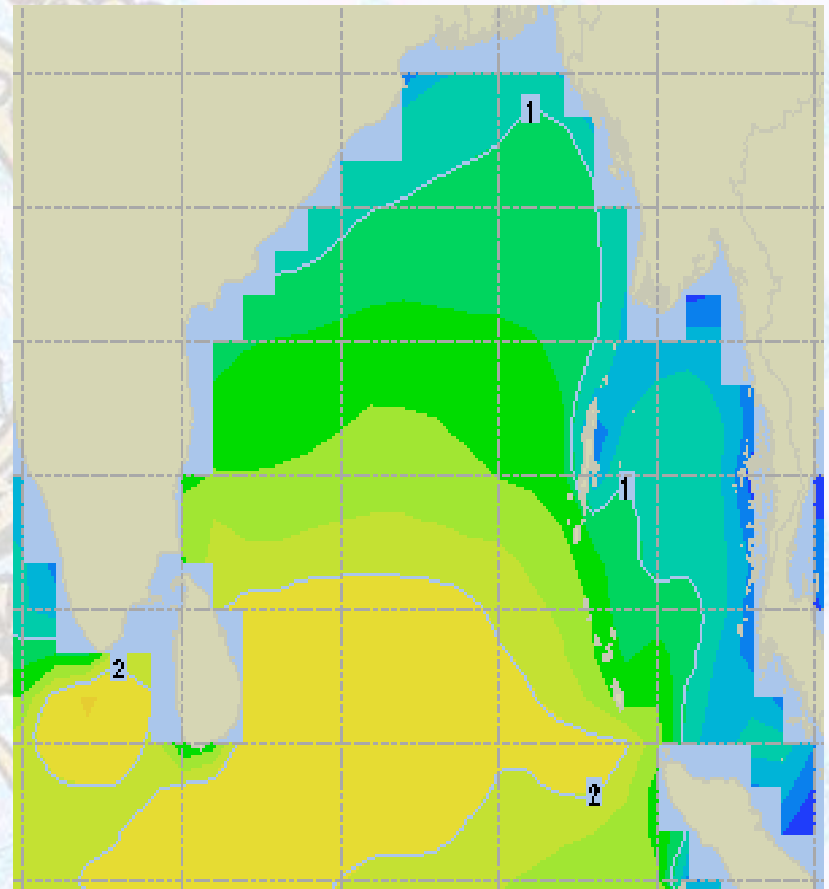
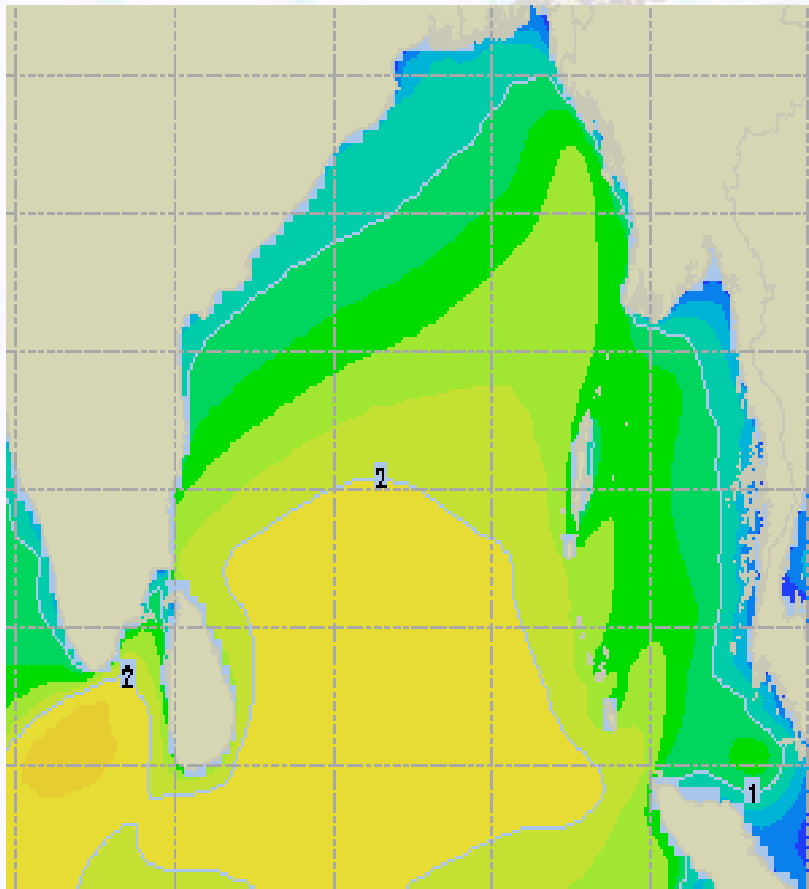




# Sea State Forecast – 02 & 03 Feb - 2021

02 Feb 21 Tuesday

02 Feb 21 Wednesday

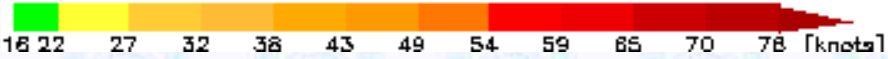
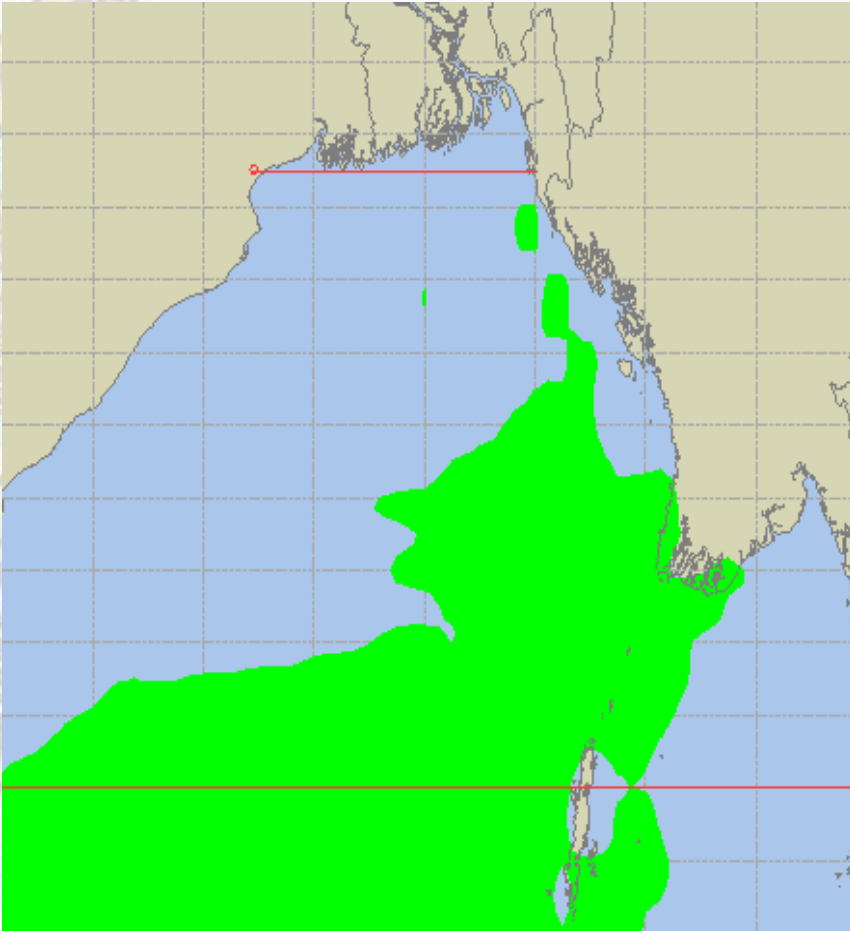
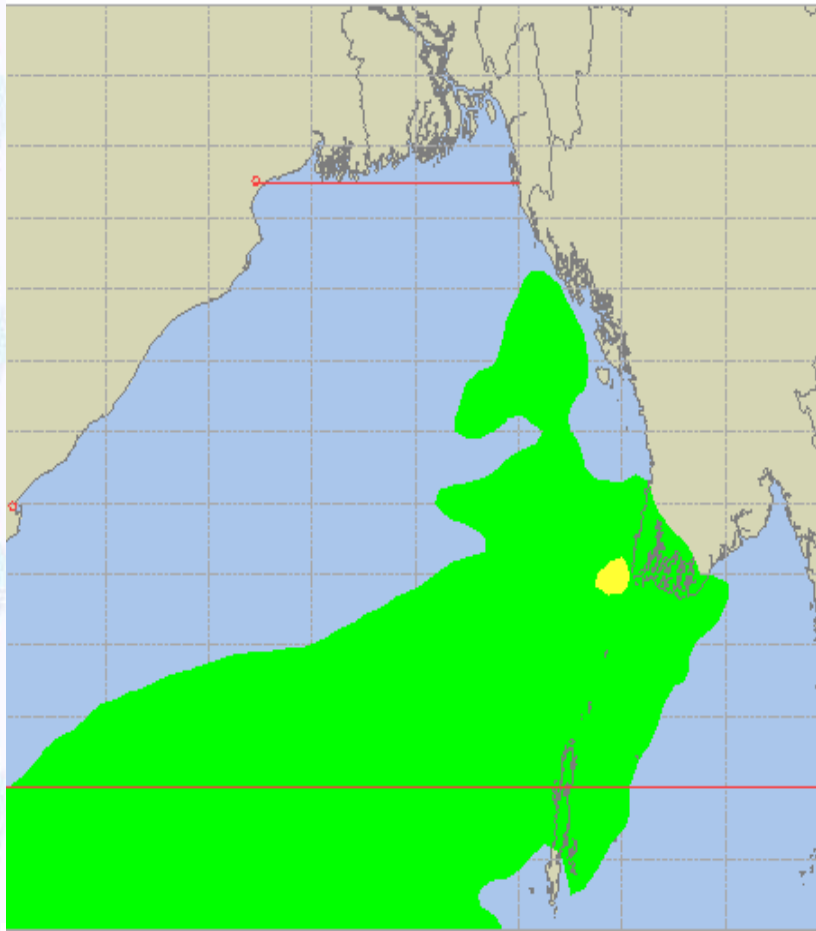




# Peak Gusting Possibilities— 01 & 02 Feb 2021

## 01 Feb 21 Monday

## 02 Feb 21 Tuesday

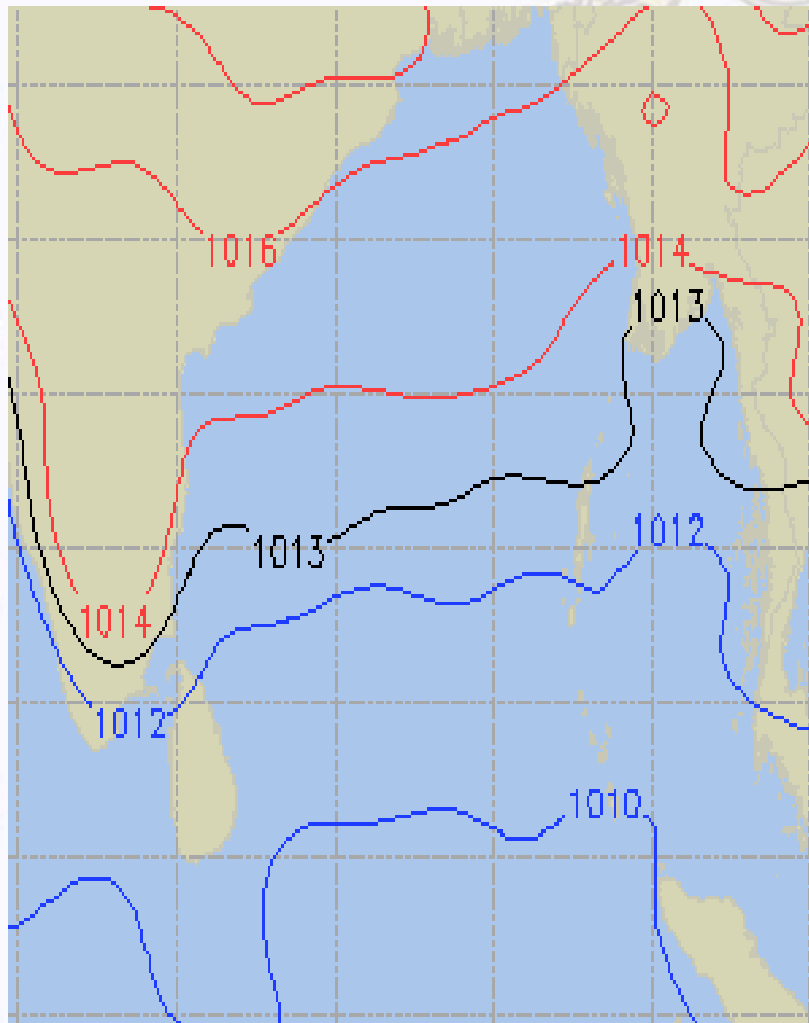




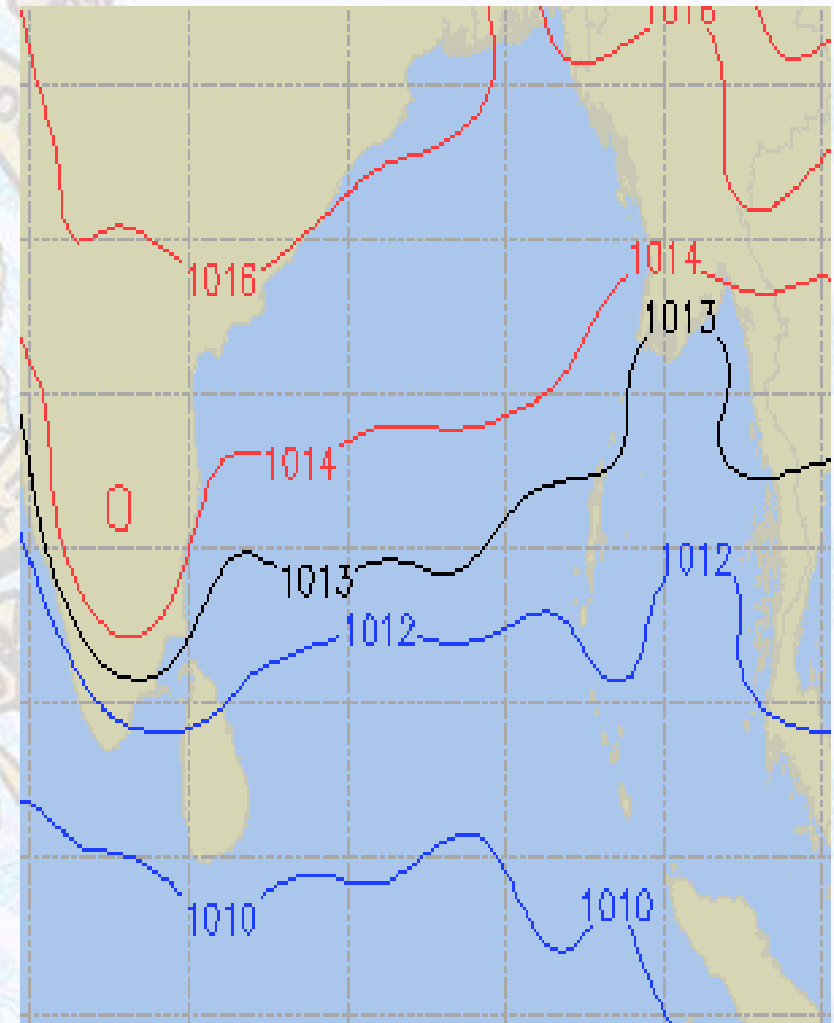


# Surface Pressure forecast – 01 & 02 Feb 2021

01 Feb 21 Monday



02 Feb 21 Tuesday

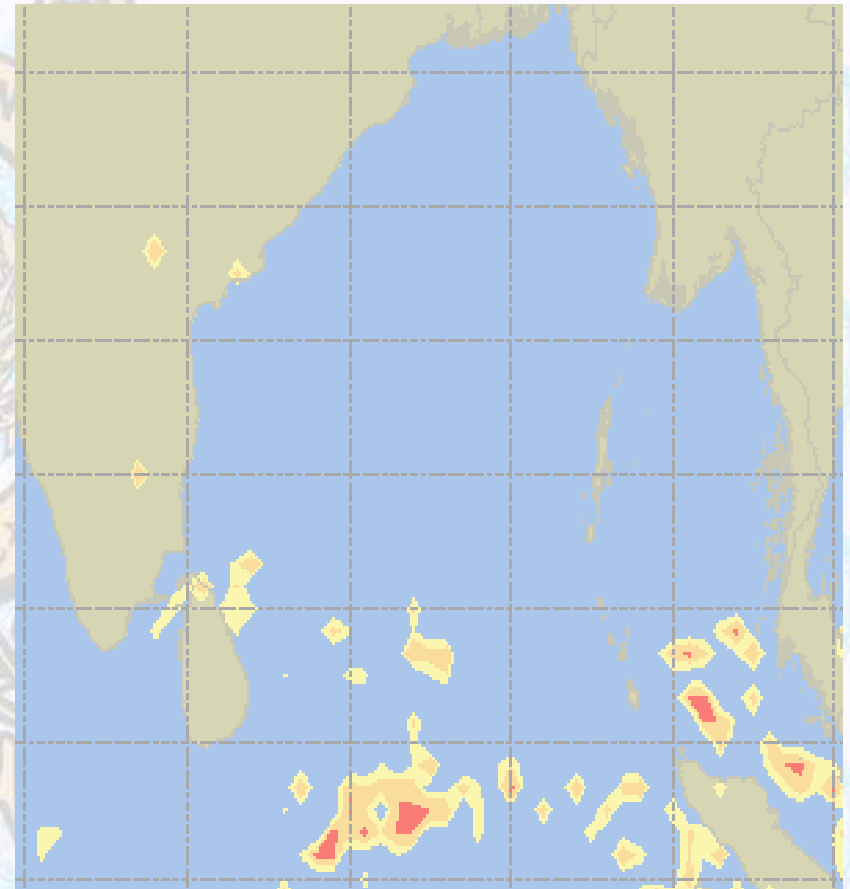
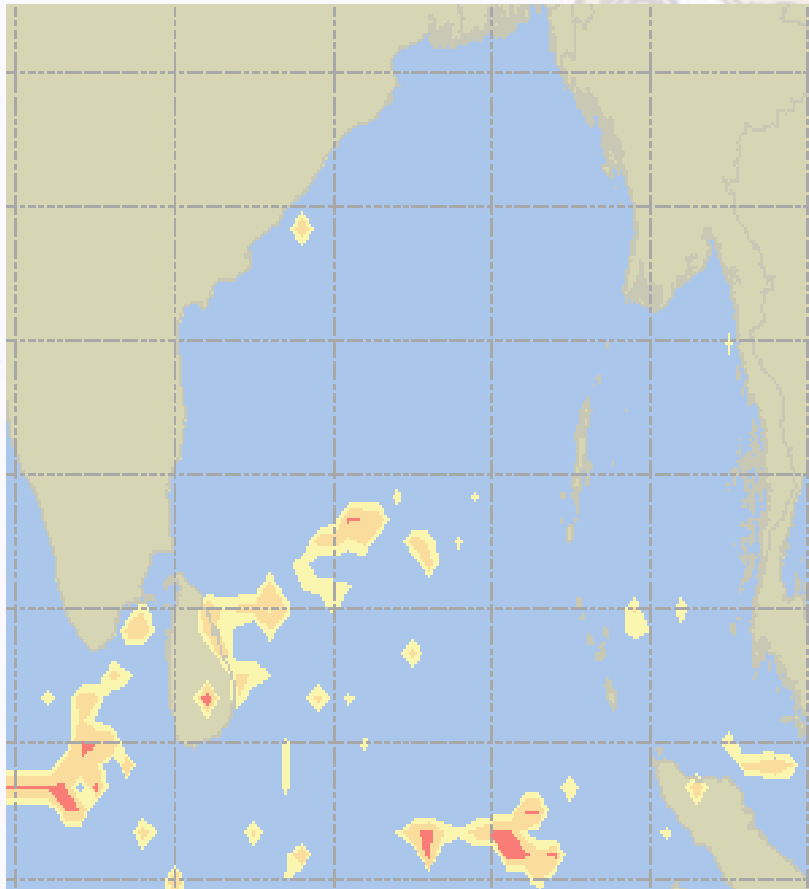




# Visibility at Sea Forecast – 01 & 02 Feb 2021

01 Feb 21 Monday

02 Feb 21 Tuesday



**Visibility Scale:**



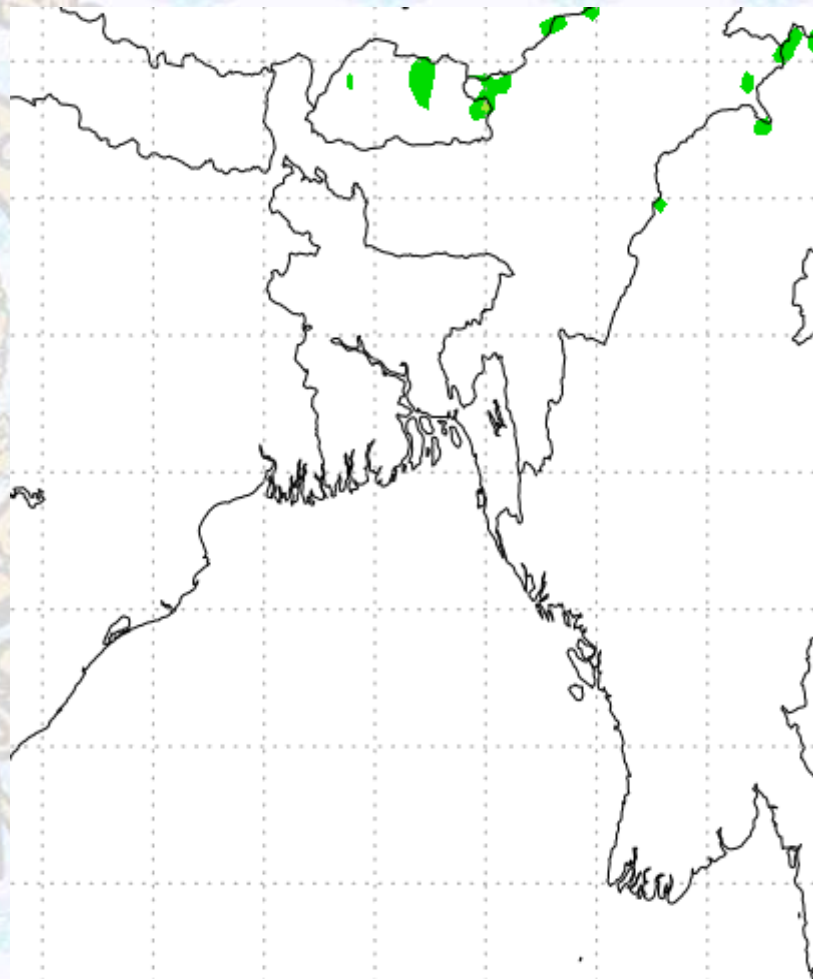
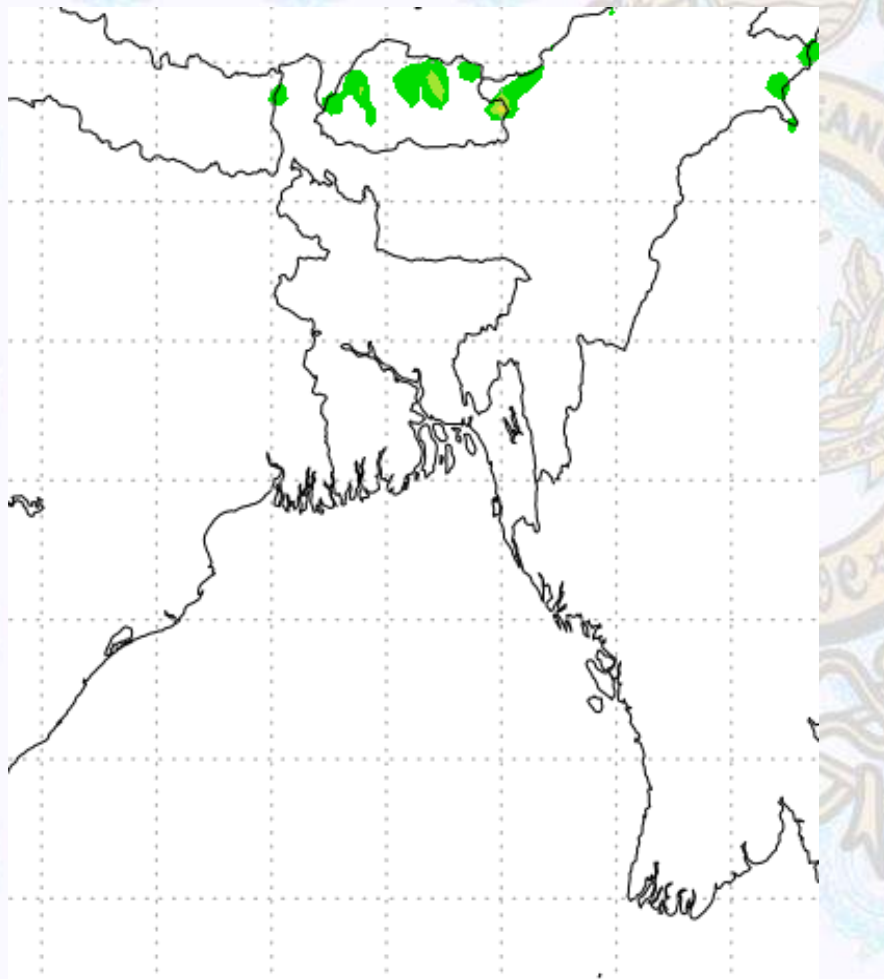
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 01 & 02 Feb 21

Rain(mm) 02 & 03 Feb 21



Precipitation Scale (mm)





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>01 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0245	4.35		0045	3.36		0044	2.85
	0943	0.34		0720	0.23		0715	0.28
	1517	4.00		1301	2.98		1311	2.63
	2150	0.50		1930	0.29		1921	0.42
<b>02 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0327	4.27		0124	3.24		0120	2.77
	1022	0.31		0757	0.26		0751	0.31
	1604	3.99		1345	2.91		1352	2.60
	2236	0.56		2011	0.36		2002	0.54
<b>03 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0418	4.08		0206	3.05		0159	2.64
	1106	0.36		0837	0.33		0829	0.41
	1659	3.91		1432	2.79		1437	2.53
	2329	0.69		2058	0.48		2048	0.70