



# **WEATHER FORECAST FOR BN**

***23 FEB - 26 FEB 2021***





# WEATHER FORECAST – DHAKA

## 23.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	29 / 14	24 / 16	23 / 16
Wind	9 km/h WNW	11 km/h W	2 km/h WNW	1 m/h S
Humidity	43%	41%	59%	66%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	2%	2%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 25 AM 17: 58 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 4.25 km

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



# WEATHER FORECAST – CHATTOGRAM

## 23.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	28 / 16	24 / 18	22 / 18
Wind	12 km/h W	12 km/h W	9 km/h W	4 km/h NW
Humidity	46%	47%	70%	79%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	3%	8%	2%	6%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 18 AM			
Sunset	17: 53 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 5.6 Km

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



# WEATHER FORECAST – KHULNA

## 23.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 14	30 / 14	25 / 16	22 / 18
Wind	7 km/h W	7 km/h W	3 km/h SSW	3 m/h SSW
Humidity	38%	37%	59%	76%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	19%	8%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 28 AM 18: 02 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 7.5 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	24 Feb 2021	25 Feb 2021	26 Feb 2021
<b>Temperature (C)</b>	30 °C/ 19 °C	32 °C/ 20 °C	32 °C/ 20 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h24m48s/17h58m36s	6h24m00s/17h59m18s	6h23m06s/17h59m48s
<b>Day Length</b>	11h33m48s	11h35m18s	11h36m42s
<b>Moon Rise/ Set</b>	3:00PM 4:06AM	4:01PM 4:57AM	5:03PM 5:55AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 88%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
<b>Nautical Twilight</b>	05:37, 18:48	05:36, 18:48	05:36, 18:49
<b>Civil Twilight</b>	06:03, 18:21	06:04, 18:22	06:04, 18:22
<b>Humidity</b>	D : 60%    N : 77%	D : 59%    N : 79%	D : 59%    N : 80%
<b>Barometer (mb)</b>	1010	1009	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	4%	5%	6%
<b>Wind (mph)</b>	10 Km/h WSW	12 Km/h SW	13 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 Feb 2021	25 Feb 2021	26 Feb 2021
<b>Temperature (C)</b>	28 °C / 19 °C	28 °C / 20 °C	28 °C / 20 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h17m54s/ 17h54m00s	6h17m12s/ 17h54m36s	6h16m18s/ 17h55m06s
<b>Day Length</b>	11h36m06s	11h37m24s	11h38m48s
<b>Moon Rise/ Set</b>	2:57PM 3:57AM	3:58PM 4:48AM	4:59PM 5:36AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 88%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
<b>NauticalTwilight</b>	05:30, 18:42	05:29, 18:43	05:29, 18:43
<b>Civil Twilight</b>	05:56, 18:16	05:55, 18:17	05:55, 18:17
<b>Humidity</b>	D : 66% N : 98%	D : 82% N : 100%	D : 82% N : 100%
<b>Barometer (mb)</b>	1011	1011	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	3%	6%	8%
<b>Wind (mph)</b>	11 Km/h WSW	12 Km/h SSW	13 Km/h SSW

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



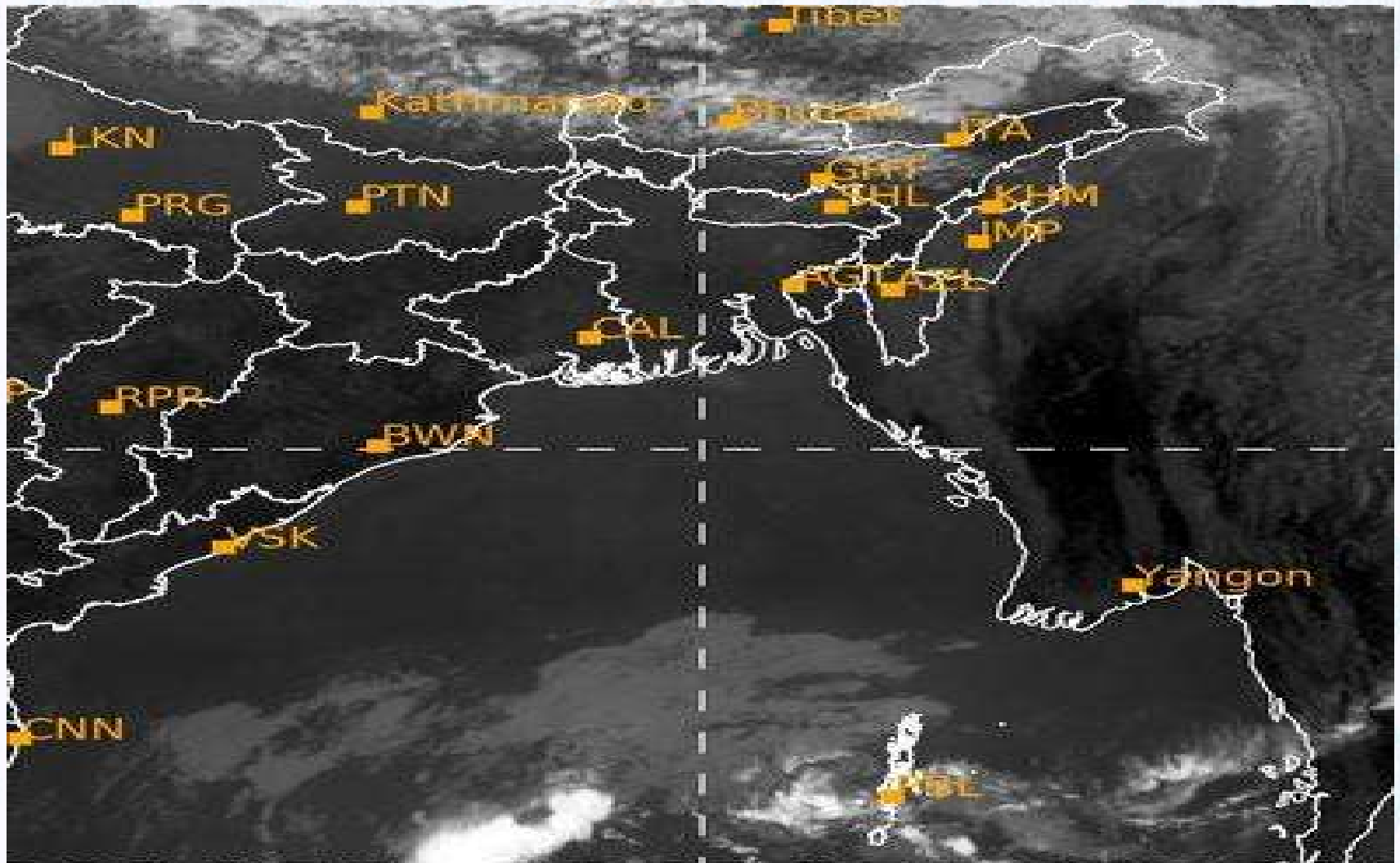
# GENERAL WEATHER FORECAST – KHULNA

Description	24 Feb 2021	25 Feb 2021	26 Feb 2021
<b>Temperature(C)</b>	32°C/ 20°C	33°C/ 20°C	34°C/ 21°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h27m30s/ 18h02m48s	6h26m42s/ 18h03m24s	6h25m48s/ 18h03m54s
<b>Day Length</b>	11h35m18s	11h36m42s	11h38m06s
<b>Moon Rise/Set</b>	3:06PM 4:07AM	4:06PM 4:58AM	5:08PM 5:46AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 88%	Waxing Gibbous, 94%	Waxing Gibbous, 98%
<b>Nautical Twilight</b>	05:40, 18:51	05:39, 18:52	05:39, 18:52
<b>Civil Twilight</b>	06:06, 18:25	06:05, 18:26	06:05, 18:26
<b>Humidity</b>	D : 61%    N : 87%	D : 61%    N : 88%	D : 57%    N : 87%
<b>Barometer (mb)</b>	1011	1009	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	7%	7%	7%
<b>Wind (mph)</b>	11 km/h WSW	11 km/h SW	10 km/h WSW

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



# SATELLITE VIEW OF BAY OF BENGAL



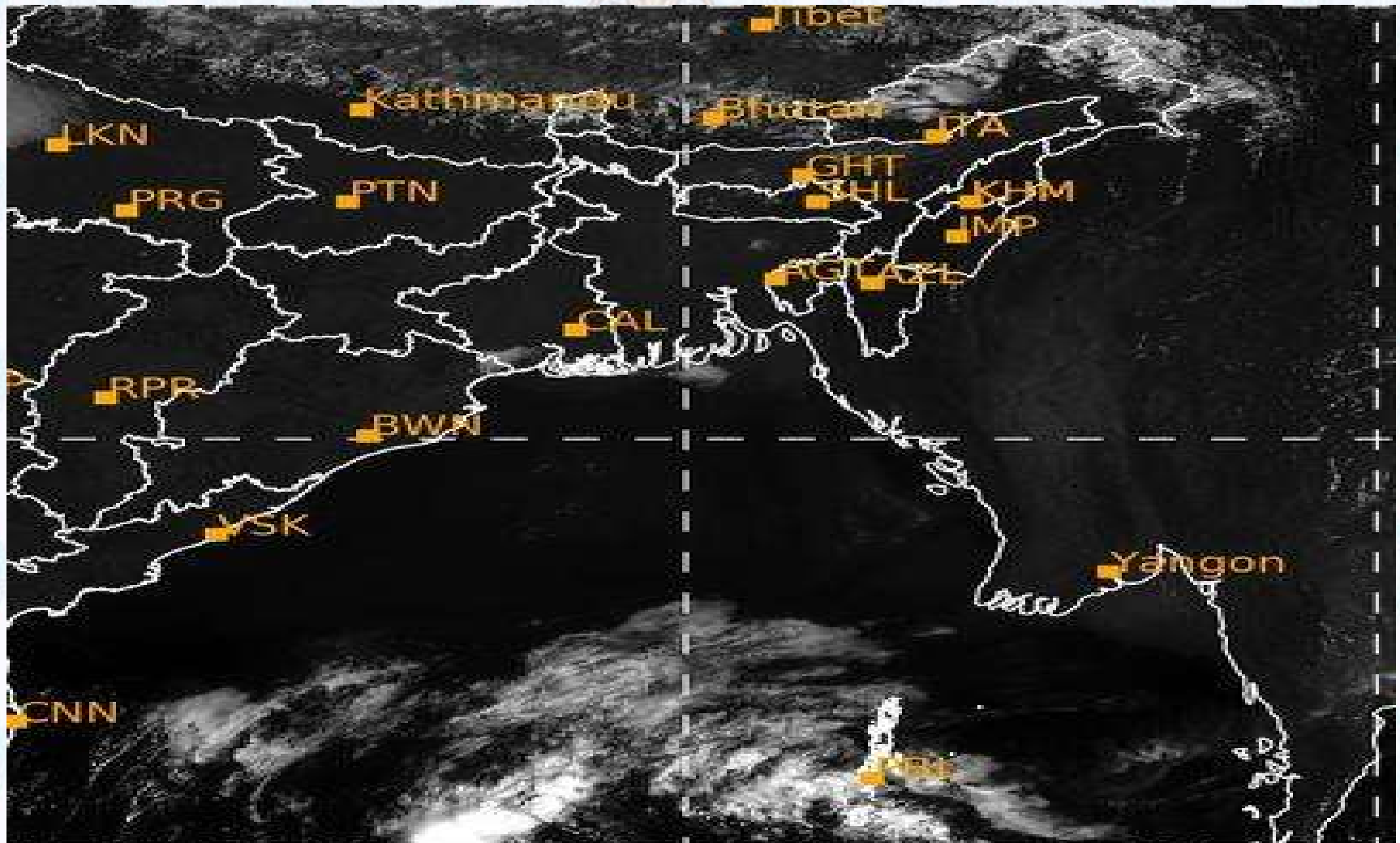
23/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



23/02/2021, 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 23.02.2021)

<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	N/NW'LY, 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 = 23,0000 UTC. CHATTOGRAM =1014 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 23.02.2020)

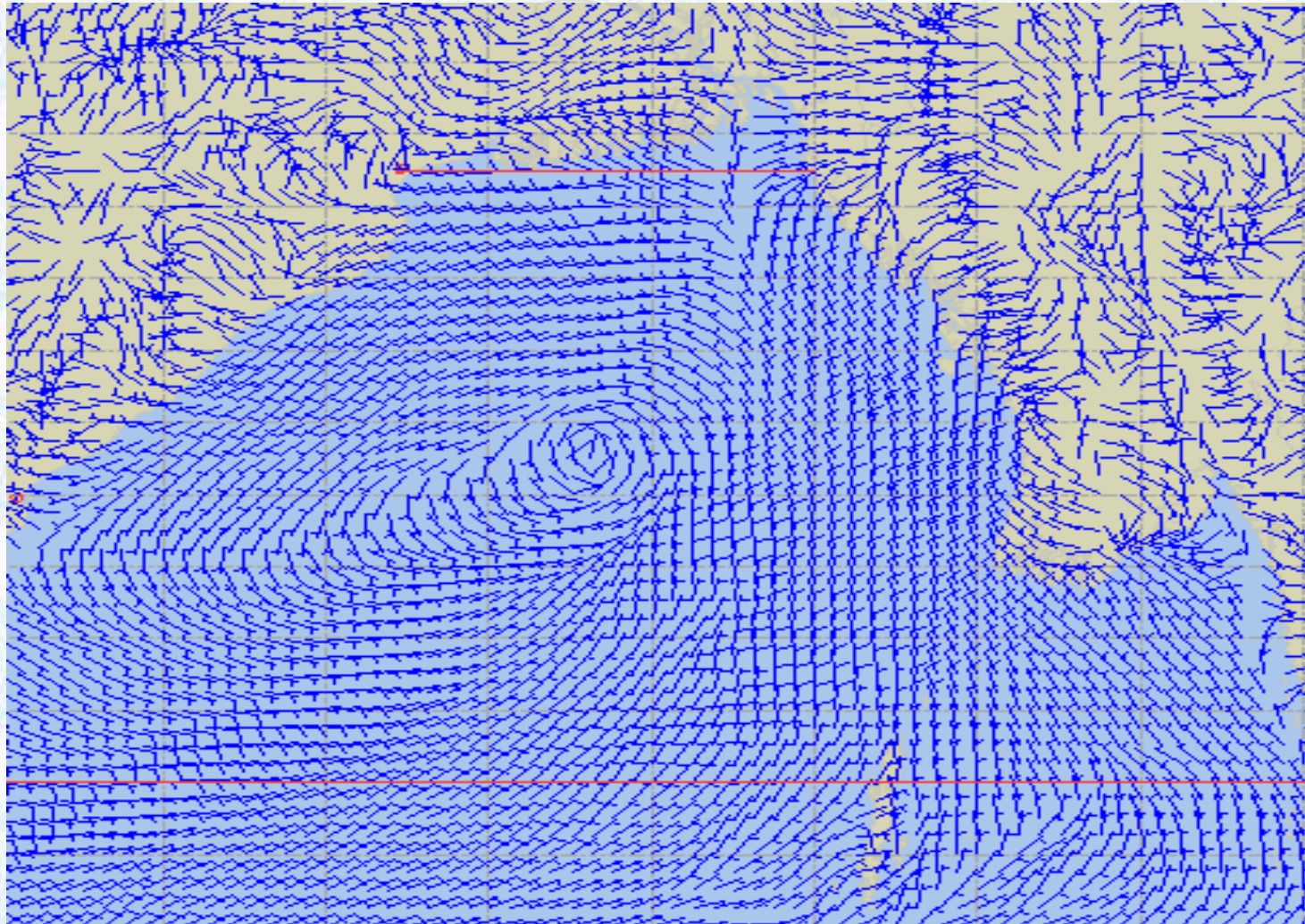
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 24 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



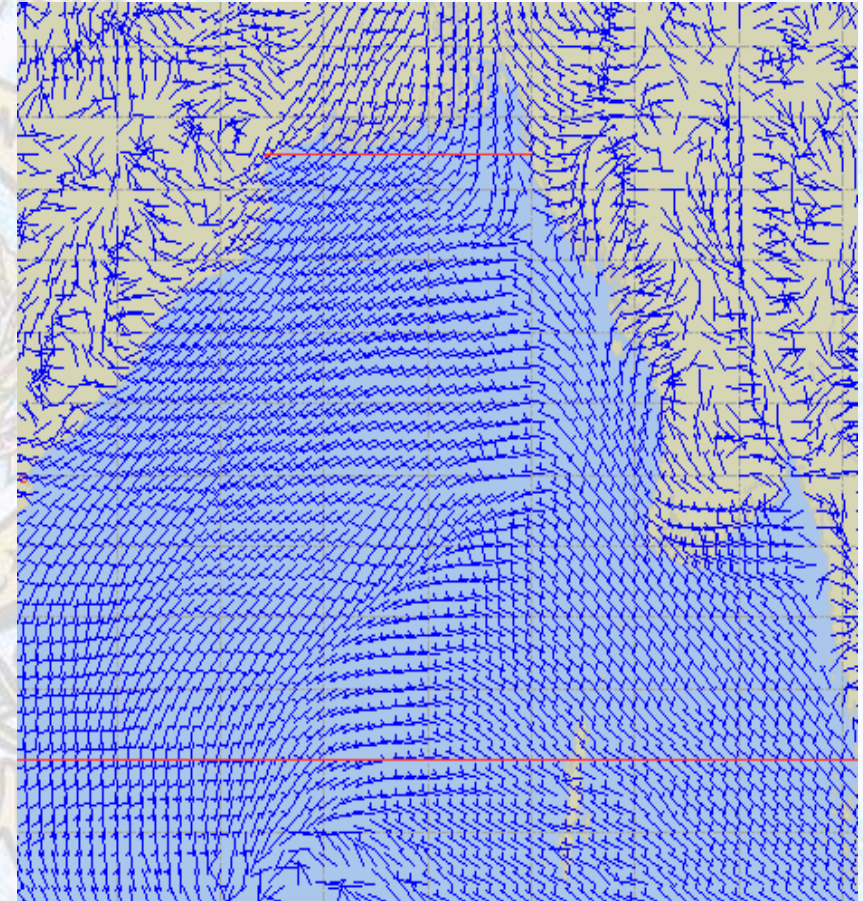
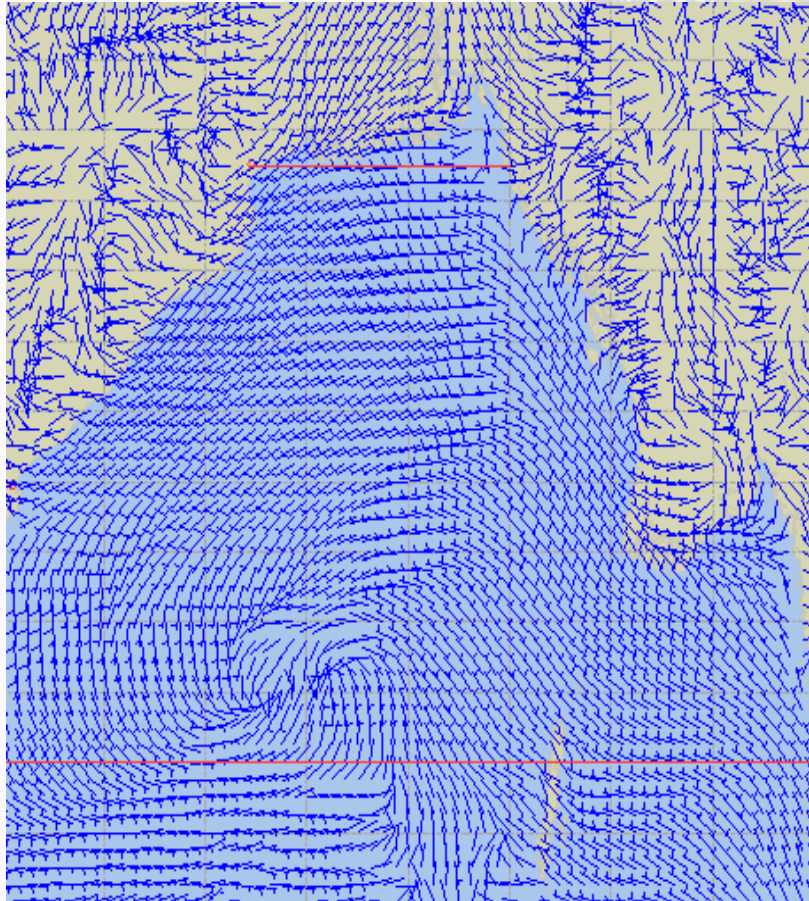
**60 Knots**



# Surface Wind Forecast – 25 & 26 Feb - 2021

25 Feb 21 Thursday

26 Feb 21 Friday



**Legend:**



Calm  
Winds



5 Knots



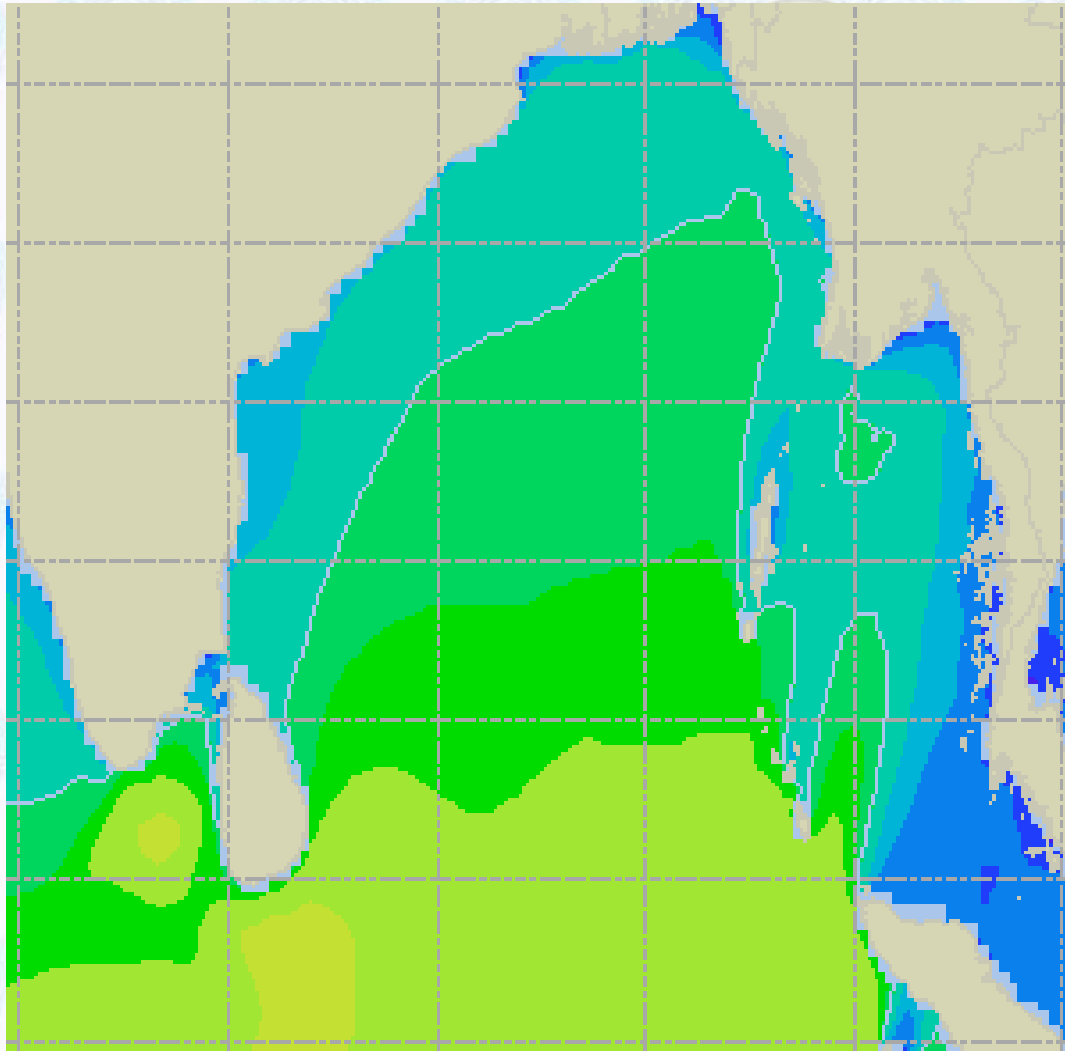
10 Knots



60 Knots



# Sea State Forecast – 24 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

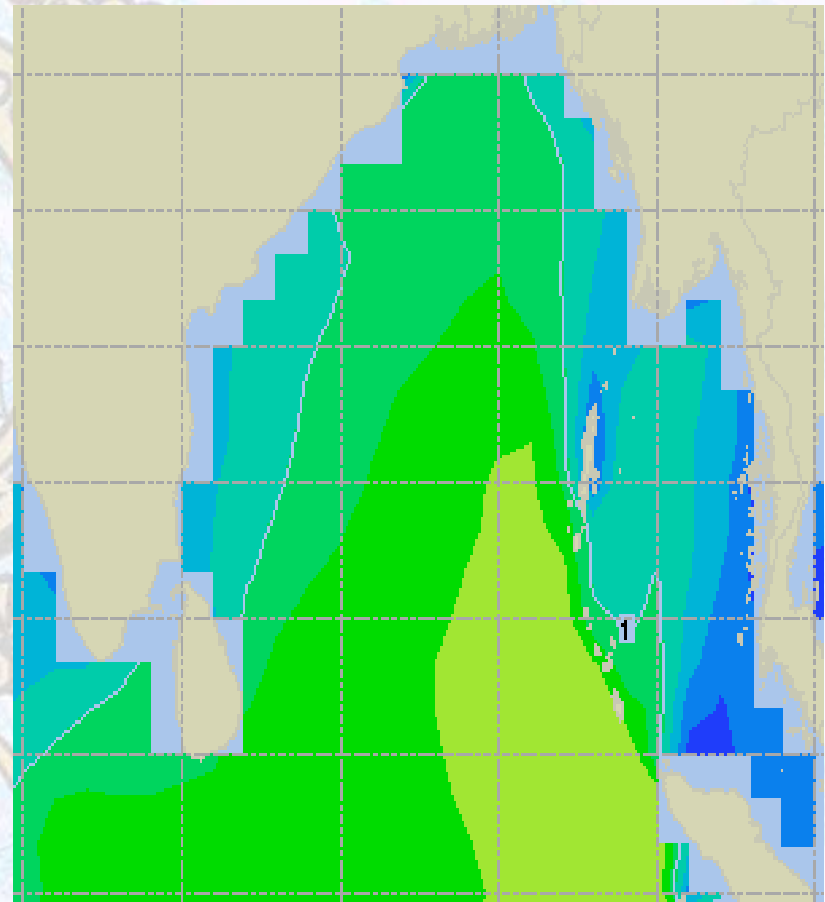
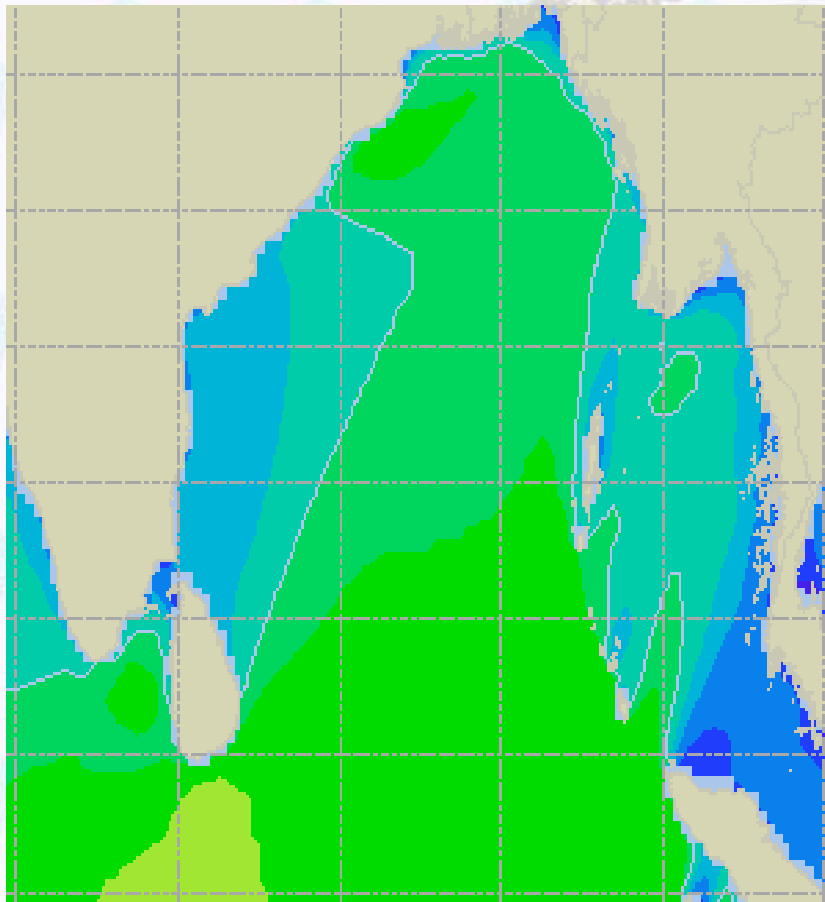




# Sea State Forecast – 25 & 26 Feb - 2021

25 Feb 21 Thursday

26 Feb 21 Friday

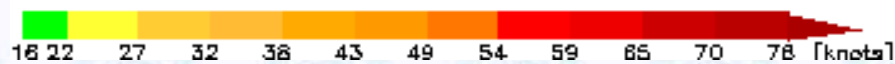
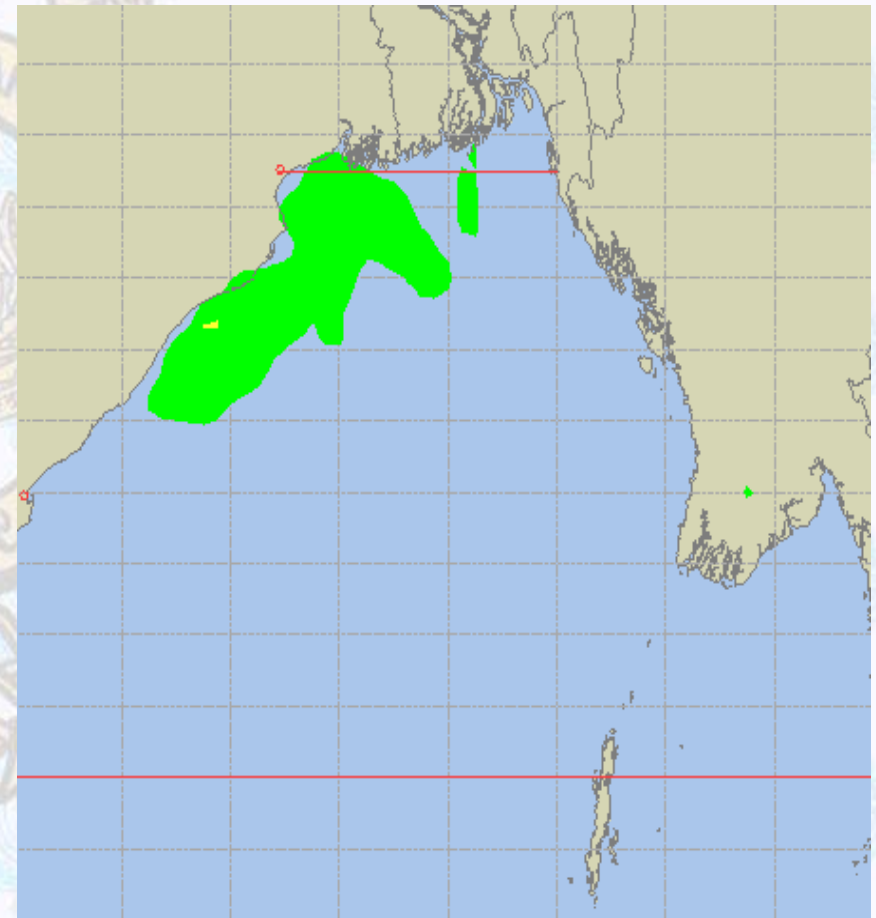
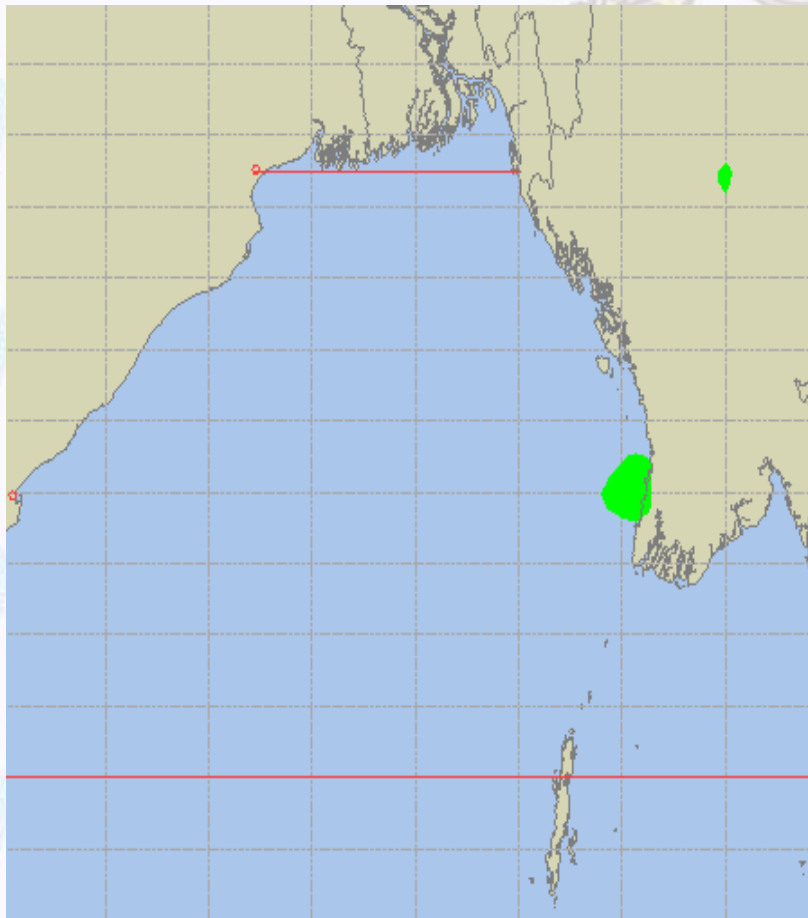




# Peak Gusting Possibilities– 24 & 25 Feb 2021

24 Feb 21 Wednesday

25 Feb 21 Thursday



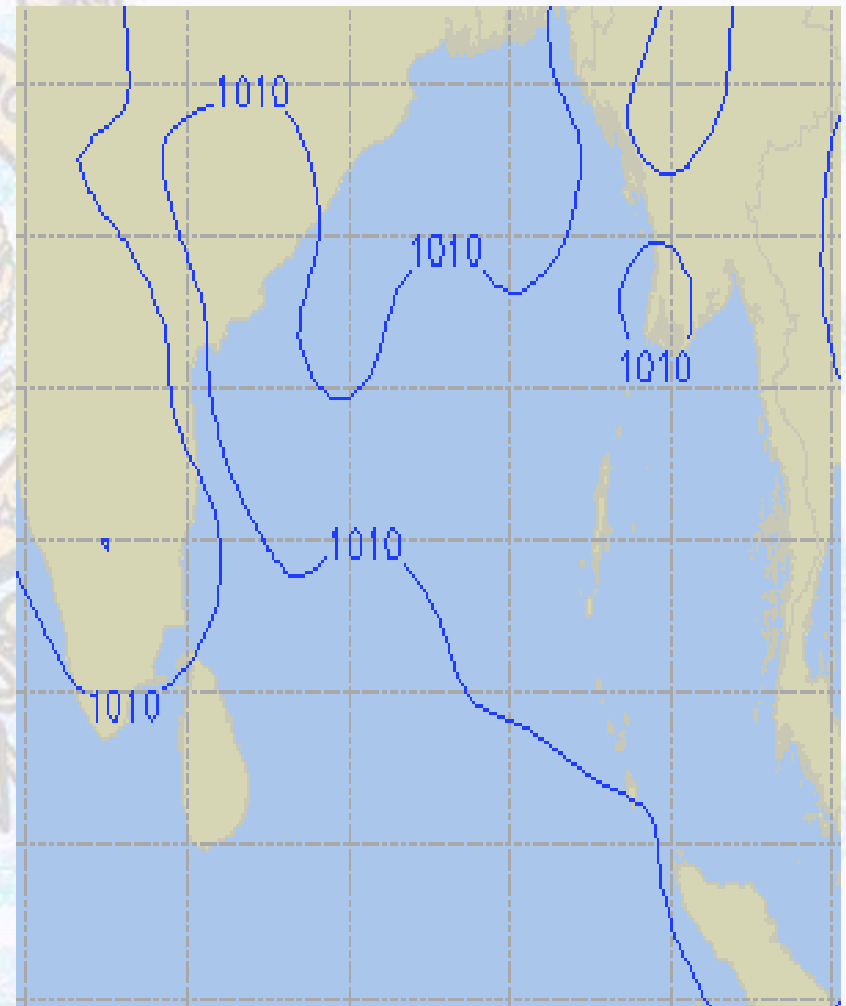
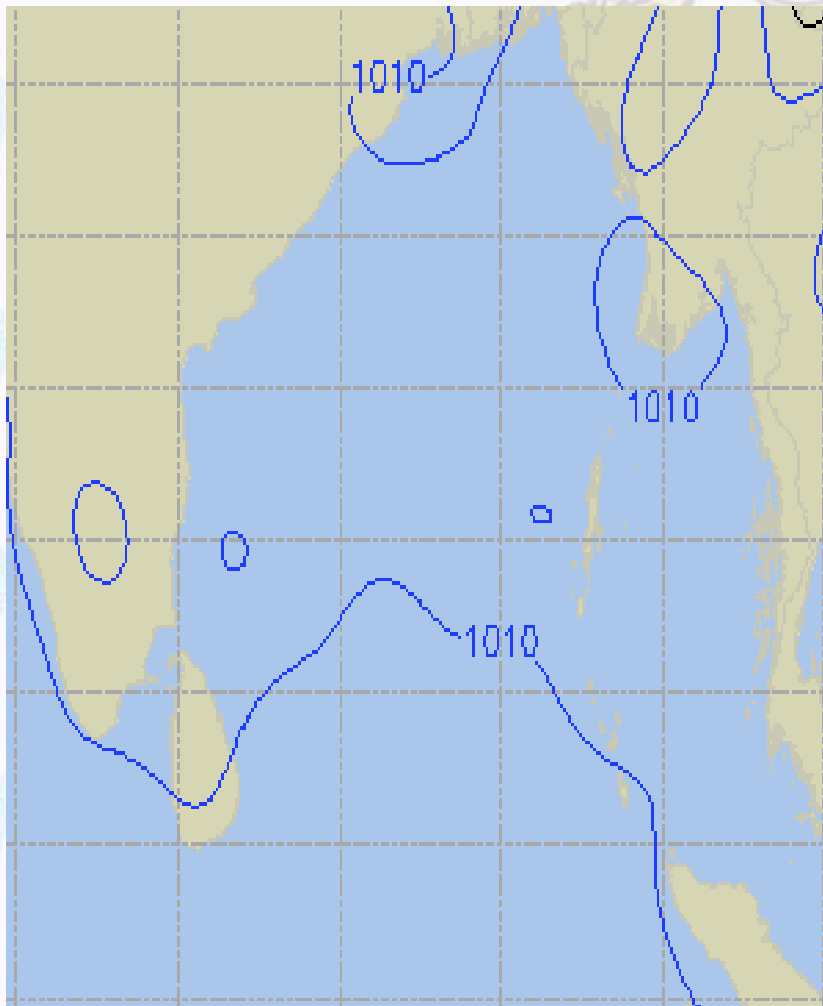




# Surface Pressure forecast – 24 & 25 Feb 2021

24 Feb 21 Wednesday

25 Feb 21 Thursday

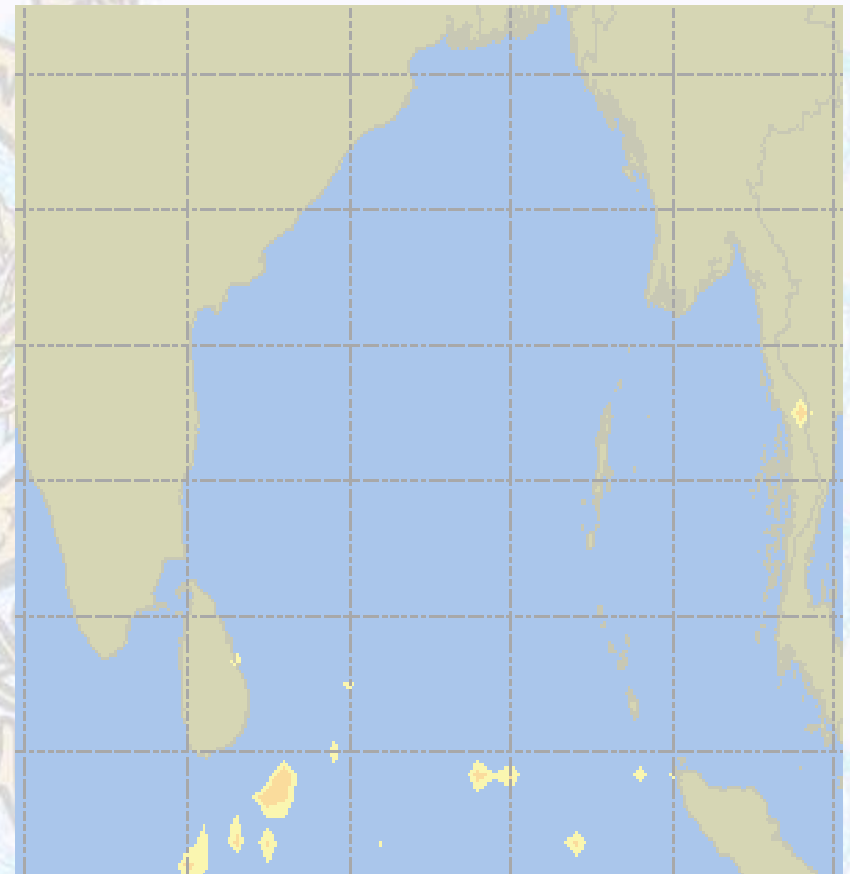
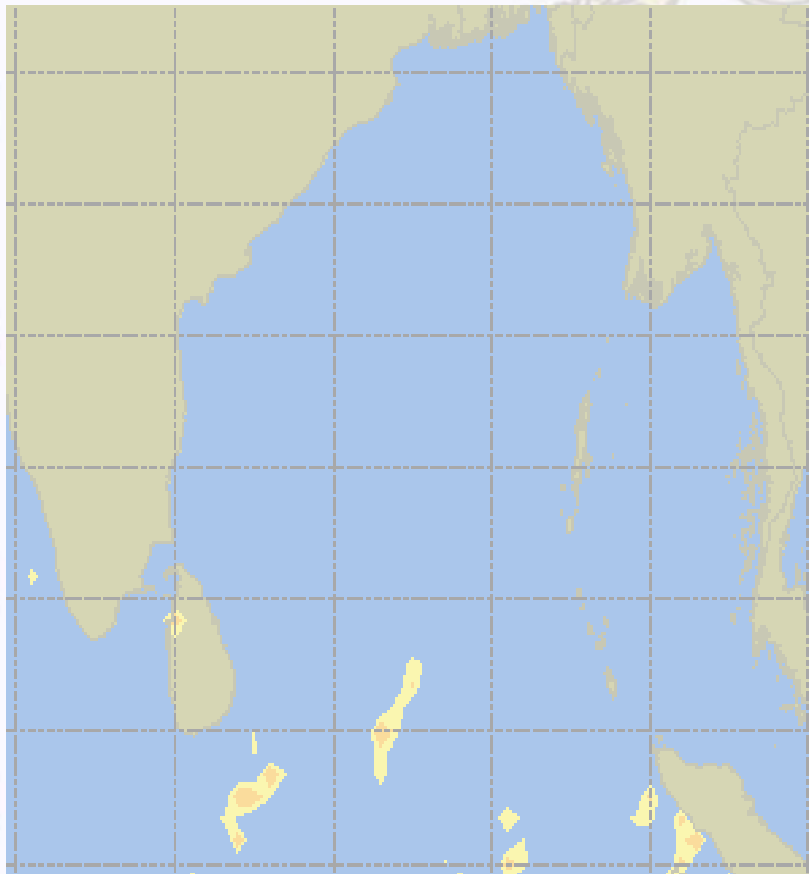




# Visibility at Sea Forecast – 24 & 25 Feb 2021

24 Feb 21 Wednesday

25 Feb 21 Thursday



**Visibility Scale:**



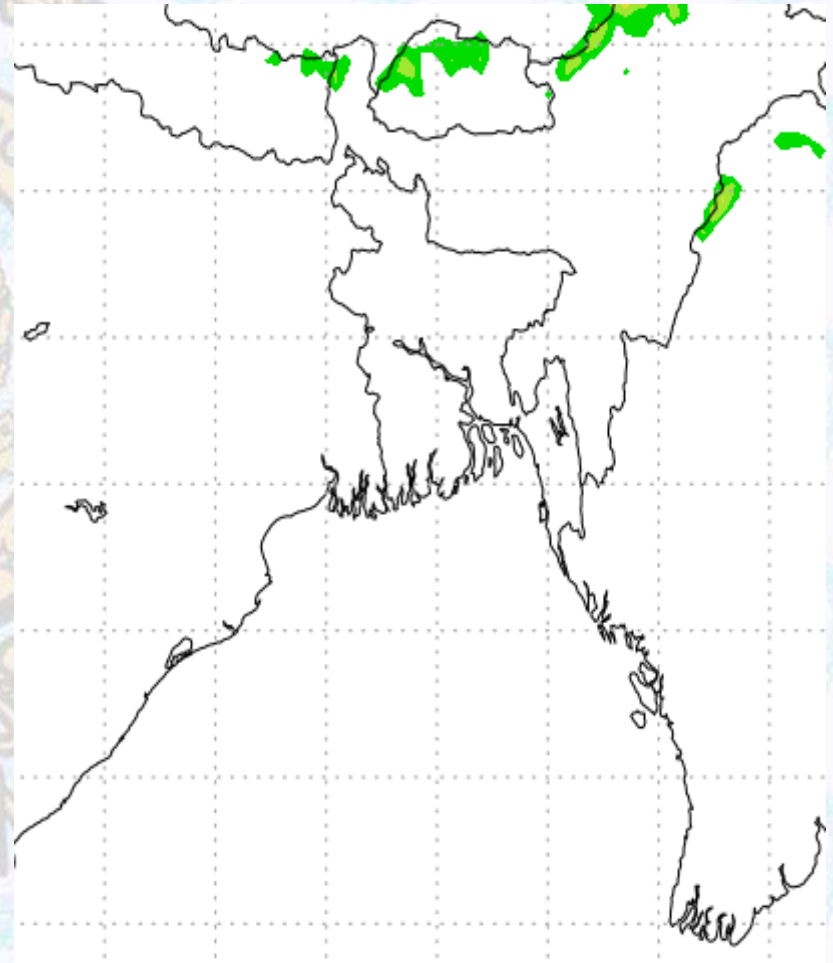
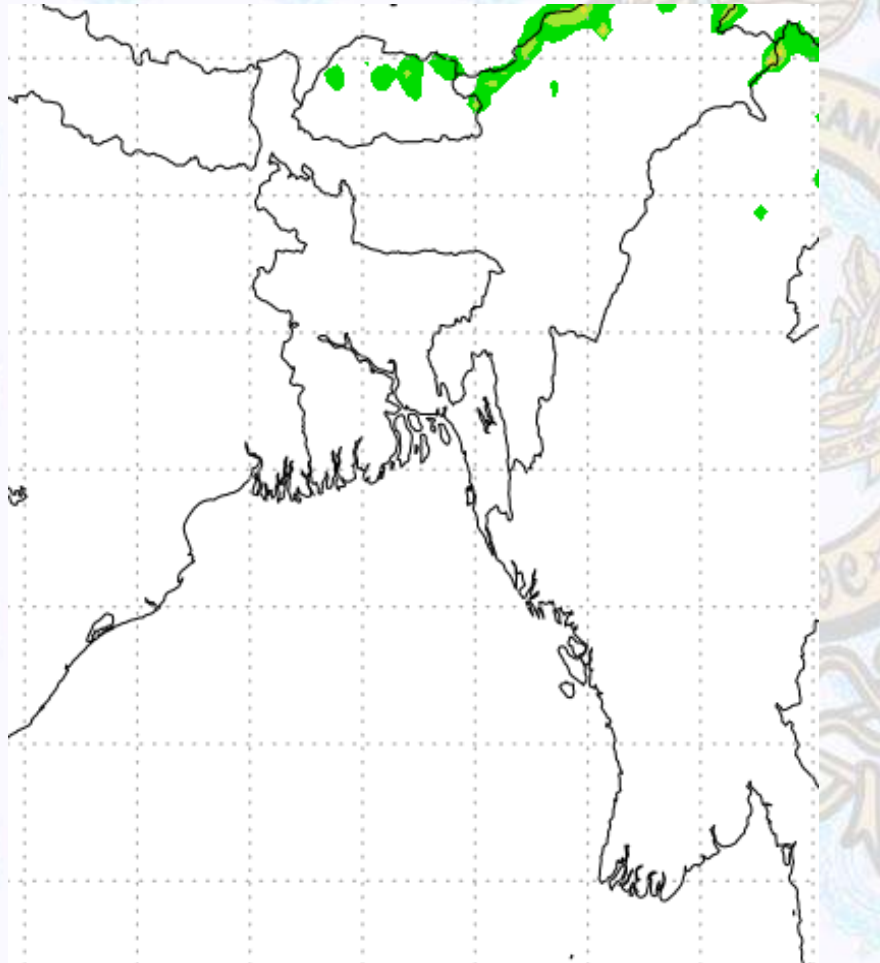
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 24 & 25 Feb 21

Rain(mm) 25 & 26 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>24 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0537	1.03		0303	0.83		0317	0.94
	1128	3.21		0849	2.24		0910	2.09
	1730	1.05		1509	0.73		1501	0.80
	2329	3.83		2115	2.78		2126	2.52
<b>25 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0623	0.81		0352	0.63		0357	0.71
	1209	3.51		0933	2.53		0951	2.31
	1821	0.83		1600	0.54		1550	0.59
	-	-		2156	3.05		2204	2.69
<b>26 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0010	4.06		0434	0.44		0433	0.49
	0702	0.63		1011	2.81		1027	2.51
	1243	3.77		1643	0.36		1632	0.41
	1904	0.65		2233	3.28		2239	2.83