



# **WEATHER FORECAST FOR BN**

***16 FEB - 19 FEB 2021***





# WEATHER FORECAST – DHAKA

## 16.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	28 / 15	24 / 16	21 / 16
Wind	8 km/h WSW	8 km/h W	3 km/h W	3 m/h N
Humidity	50%	46%	60%	69%
Chance of Precip	1%	1%	1%	3%
Cloud Cover	4%	1%	4%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 30 AM 17: 54 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 1.4 km

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





# WEATHER FORECAST – CHATTOGRAM

## 16.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	27 / 17	22 / 17	20 / 16
Wind	12 km/h WNW	11 km/h W	7 km/h WNW	5 km/h N
Humidity	55%	55%	72%	77%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	2%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 23 AM			
Sunset	17: 50 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 1.2 Km

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



# WEATHER FORECAST – KHULNA

## 16.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 14	29 / 13	23 / 15	20 / 15
Wind	8 km/h W	8 km/h WNW	3 km/h NNE	2 m/h NE
Humidity	39%	38%	59%	74%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	3%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 33 AM 17: 59 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 2.1 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	17 Feb 2021	18 Feb 2021	19 Feb 2021
<b>Temperature (C)</b>	29 °C/ 18 °C	29 °C/ 19 °C	30 °C/ 20 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h30m06s/17h55m06s	6h29m12s/17h55m42s	6h28m36s/17h56m12s
<b>Day Length</b>	11h25m00s	11h26m30s	11h27m36s
<b>Moon Rise/ Set</b>	9:53AM 10:47PM	10:26AM 11:39PM	11:01AM -
<b>Moon Phase/ illu</b>	Waxing Crescent, 33%	Waxing Crescent, 42%	First Quarter, 42%
<b>Nautical Twilight</b>	05:40,18:44	05:39,18:45	05:39,18:45
<b>Civil Twilight</b>	06:07,18:18	06:06,18:18	06:05,18:19
<b>Humidity</b>	D : 61% N : 73%	D : 59% N : 70%	D : 61% N : 73%
<b>Barometer (mb)</b>	1012	1013	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	4%	4%
<b>Wind (mph)</b>	8 Km/h NNW	9 Km/h N	10 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Feb 2021	18 Feb 2021	19 Feb 2021
<b>Temperature (C)</b>	29 °C/ 17 °C	30 °C/ 18 °C	28 °C/ 18 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h22m48s/ 17h50m54s	6h22m00s/ 17h51m30s	6h21m24s/ 17h51m54s
<b>Day Length</b>	11h28m06s	11h29m30s	11h30m30s
<b>Moon Rise/ Set</b>	9:49AM 10:40PM	10:22AM 11:31PM	10:58AM -
<b>Moon Phase/ illu</b>	Waxing Crescent, 33%	Waxing Crescent, 42%	First Quarter, 42%
<b>NauticalTwilight</b>	05:33, 18:39	05:33, 18:40	05:32, 18:40
<b>Civil Twilight</b>	06:00, 18:13	05:59, 18:14	05:58, 18:14
<b>Humidity</b>	D : 57% N : 68%	D : 55% N : 77%	D : 66% N : 92%
<b>Barometer (mb)</b>	1013	1013	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	3%	2%	9%
<b>Wind (mph)</b>	12 Km/h NNW	11 Km/h NNW	10 Km/h SSW

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





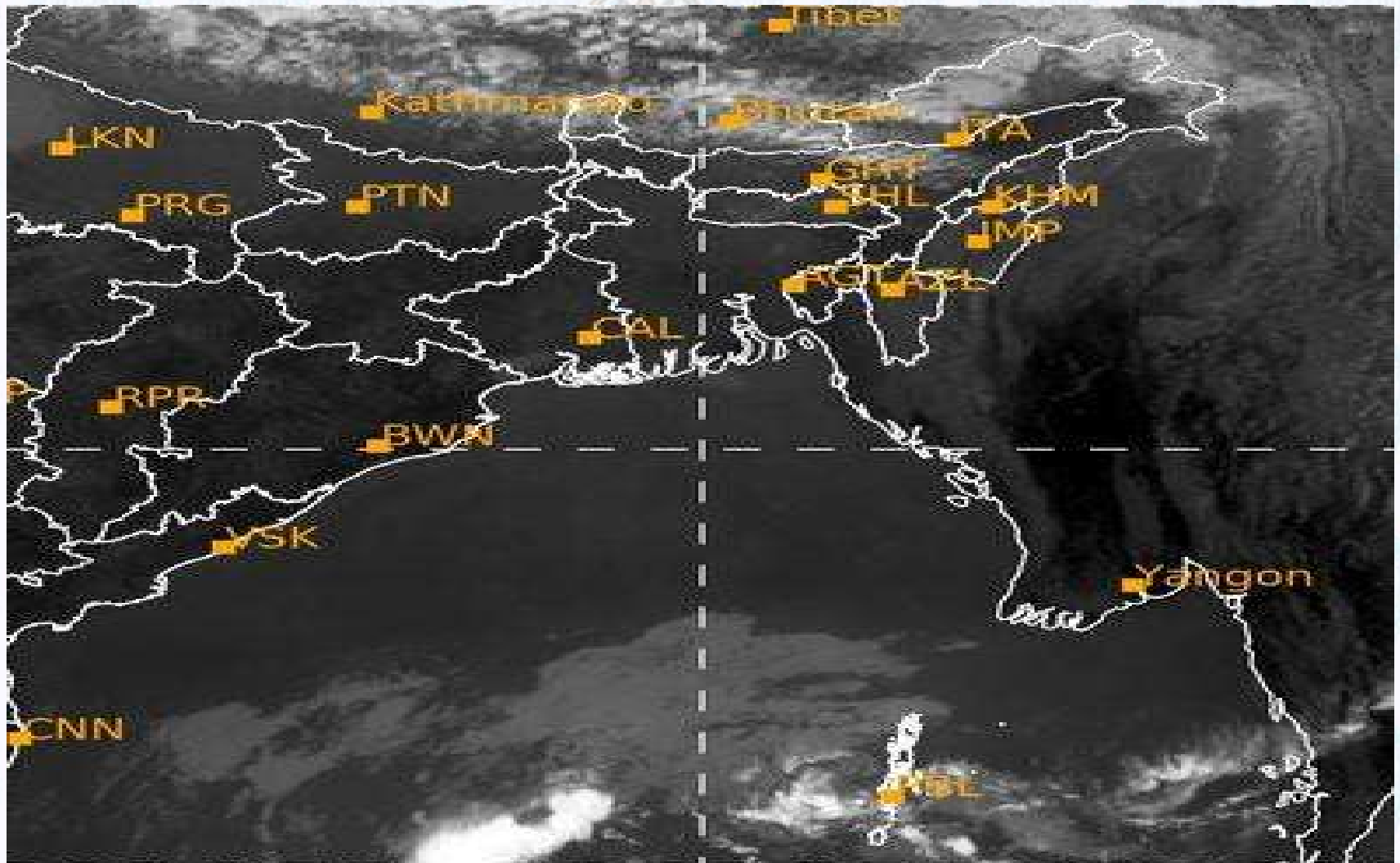
# GENERAL WEATHER FORECAST – KHULNA

Description	17 Feb 2021	18 Feb 2021	19 Feb 2021
<b>Temperature(C)</b>	30°C/ 19°C	30°C/ 19°C	30°C/ 20°C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h32m30s/ 17h59m30s	6h31m36s/ 18h00m06s	6h32m30s/ 17h59m30s
<b>Day Length</b>	11h27m00s	11h28m30s	11h29m30s
<b>Moon Rise/Set</b>	9:57AM 10:50PM	10:30AM 11:41PM	11:06AM -
<b>Moon Phase/illu</b>	Waxing Crescent, 33%	Waxing Crescent, 42%	First Quarter, 42%
<b>Nautical Twilight</b>	05:43, 18:48	05:42, 18:49	05:42, 18:49
<b>Civil Twilight</b>	06:09, 18:22	06:09, 18:22	06:08, 18:23
<b>Humidity</b>	D : 59% N : 80%	D : 56% N : 77%	D : 57% N : 79%
<b>Barometer (mb)</b>	1012	1013	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	4%	4%
<b>Wind (mph)</b>	8 km/h N	9 km/h NNE	10 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



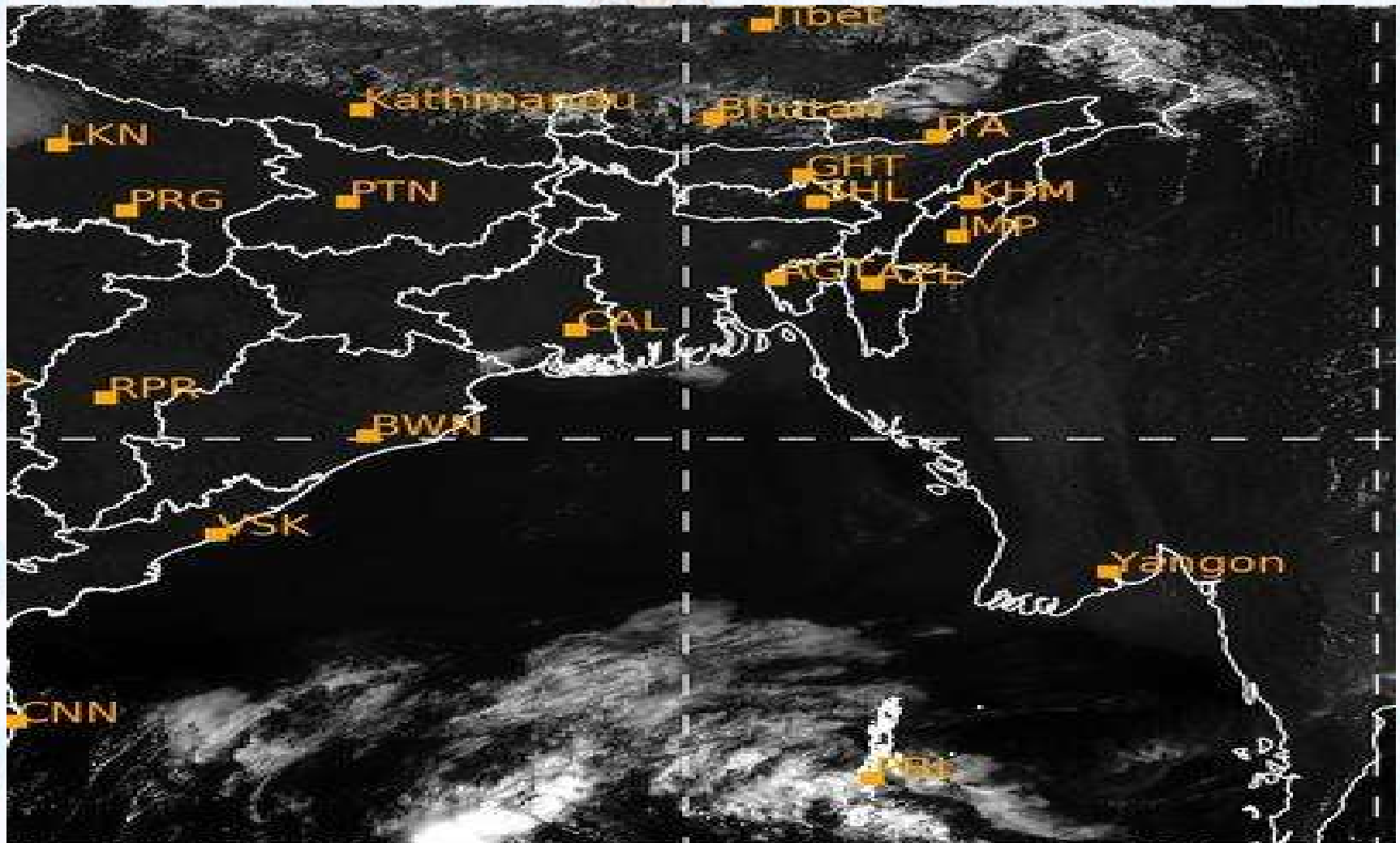
16/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



16/02/2021, 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 16.02.2021)

<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-WEST/WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1000 M OR LESS IN FOG
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =1014 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 16.02.2020)

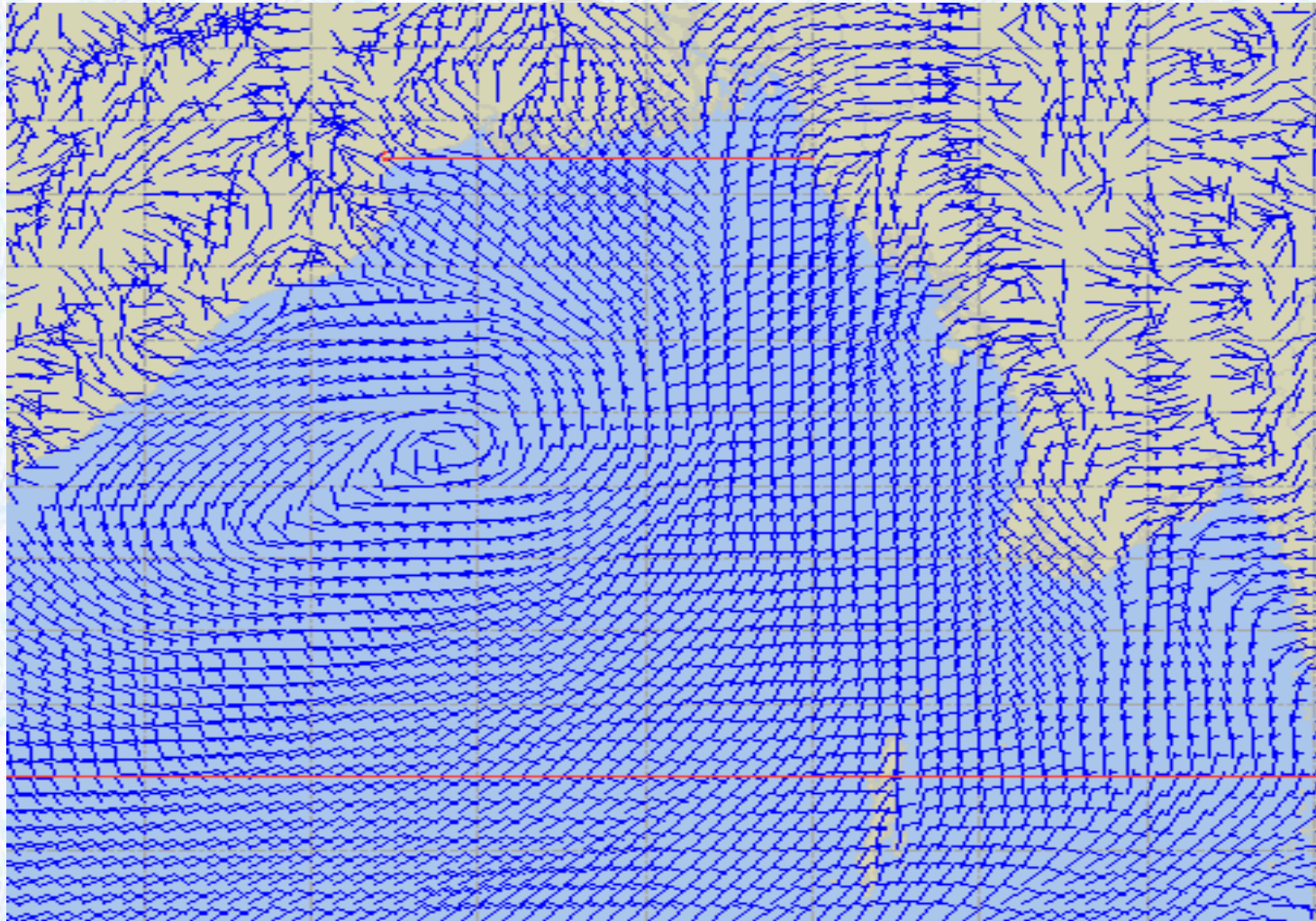
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 17 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

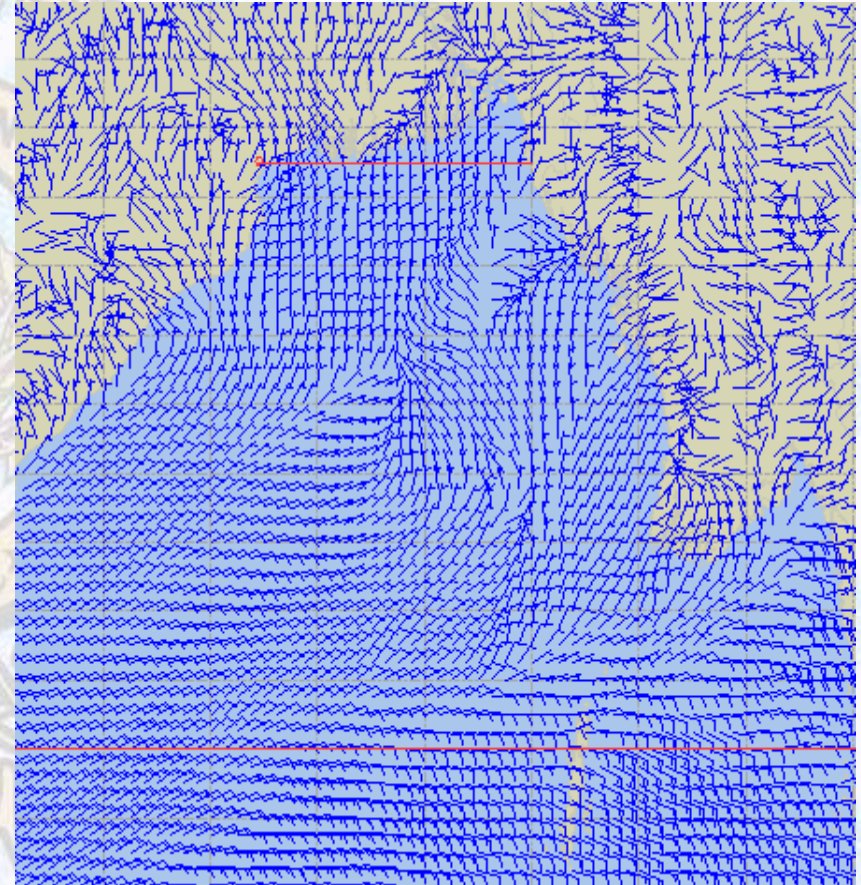
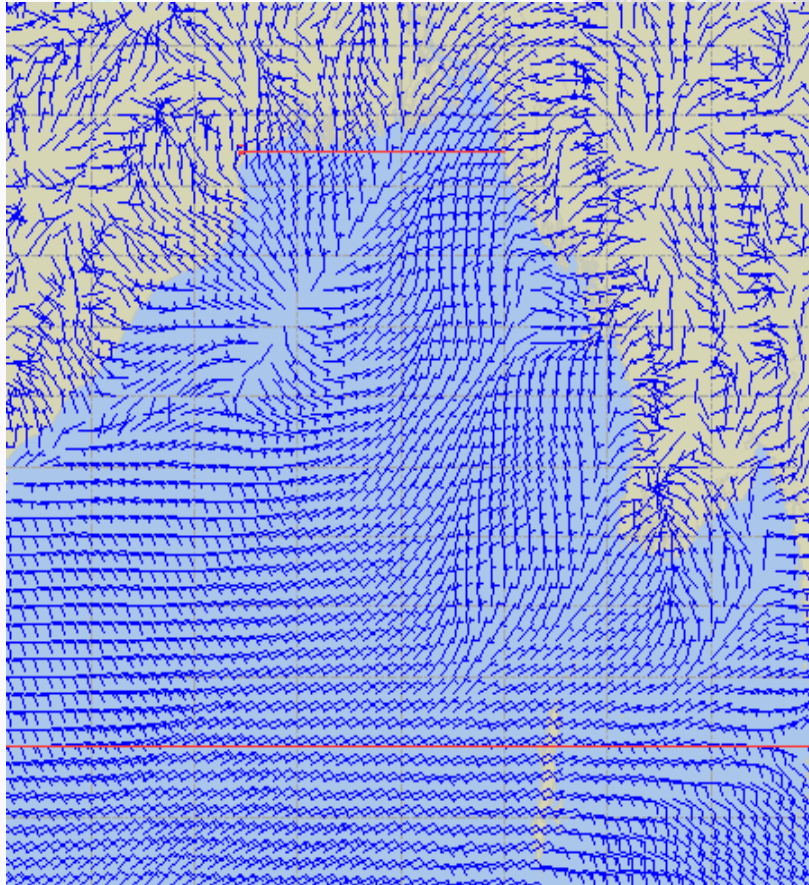




# Surface Wind Forecast – 18 & 19 Feb - 2021

18 Feb 21 Thursday

19 Feb 21 Friday



**Legend:**



Calm  
Winds



5 Knots



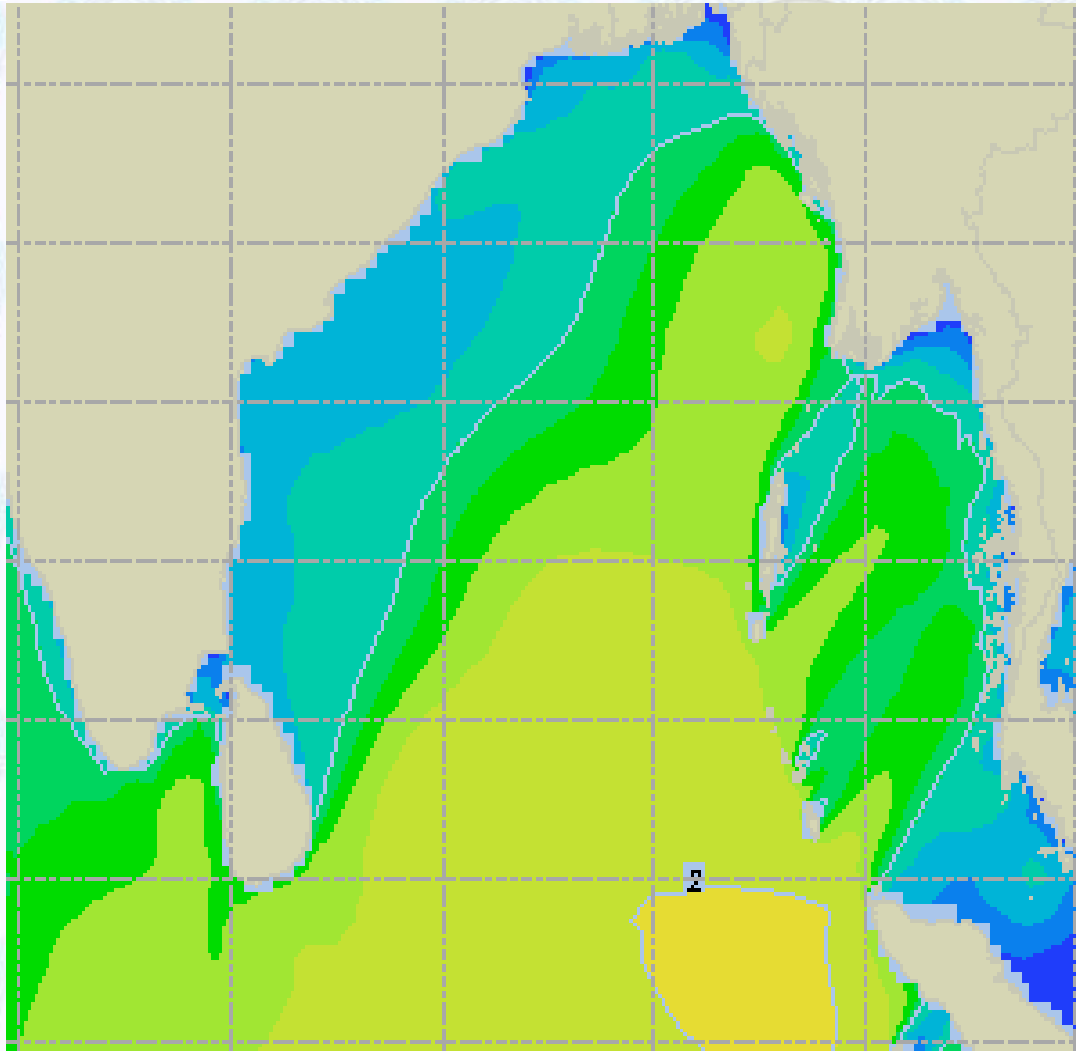
10 Knots



60 Knots



# Sea State Forecast – 17 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



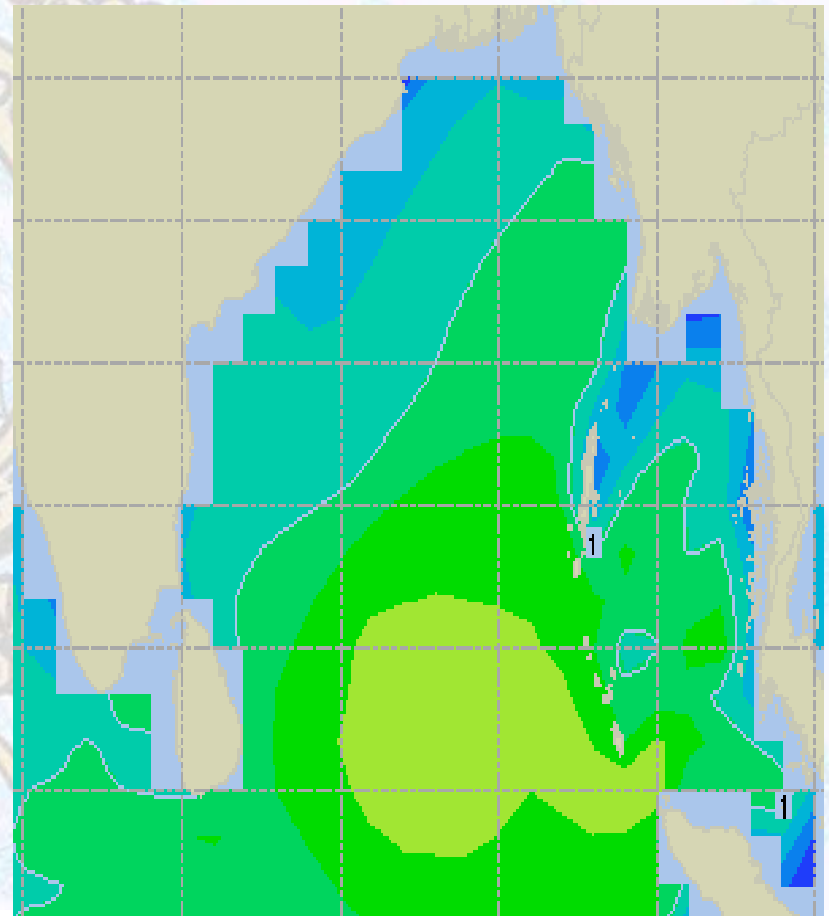
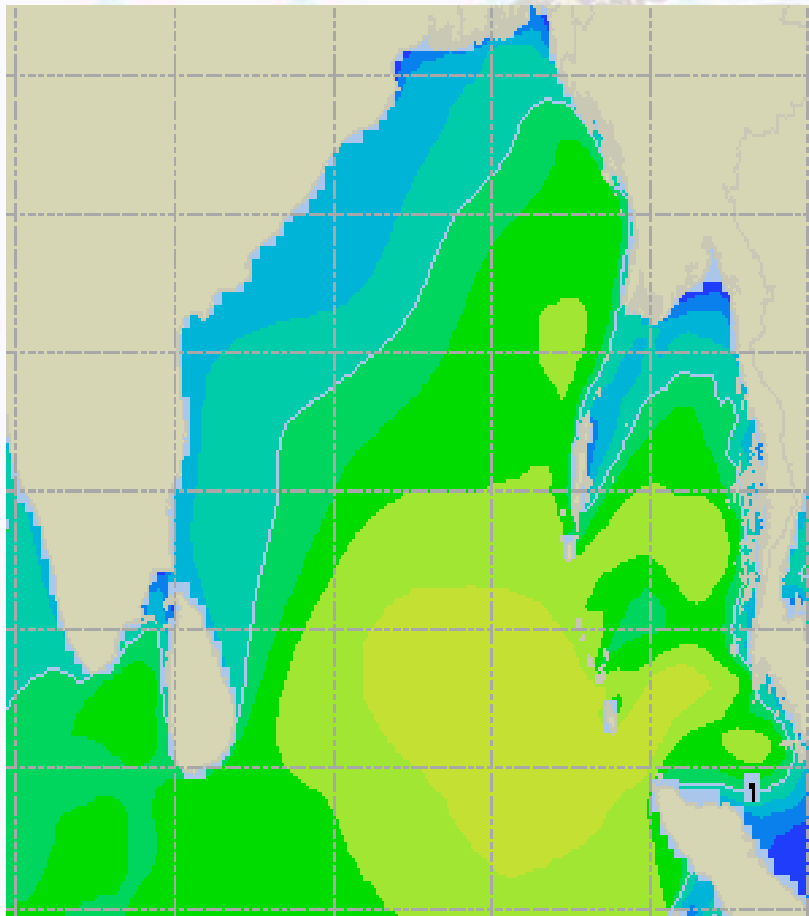




# Sea State Forecast – 18 & 19 Feb - 2021

18 Feb 21 Thursday

19 Feb 21 Friday

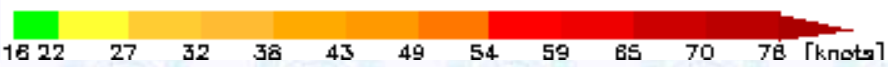
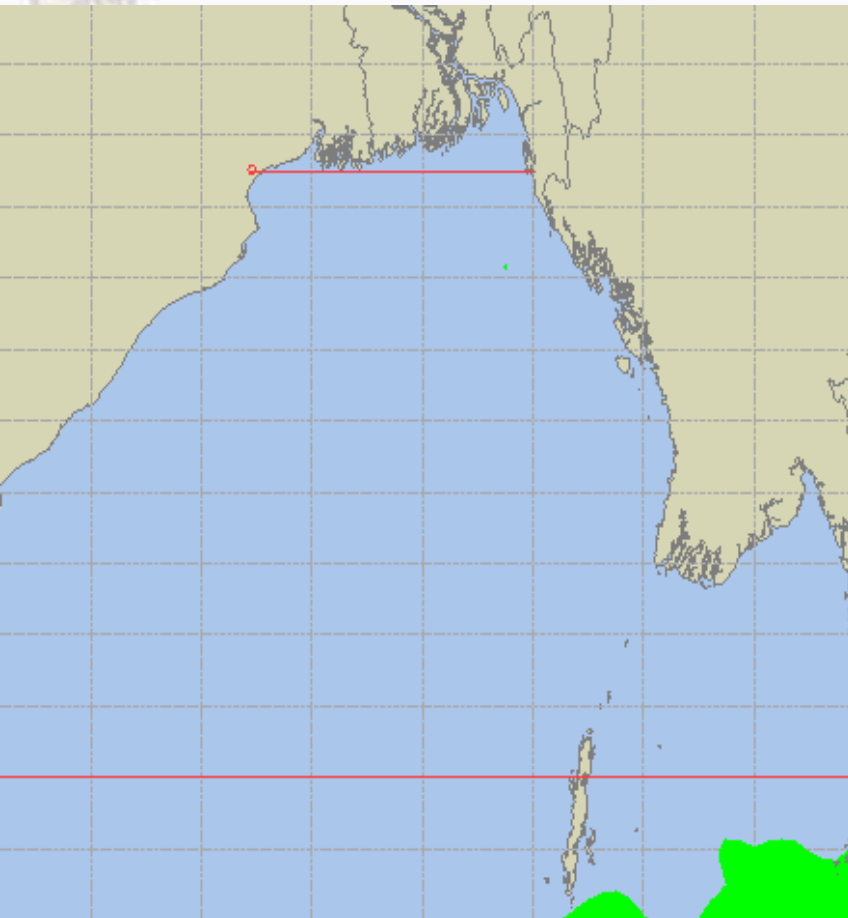
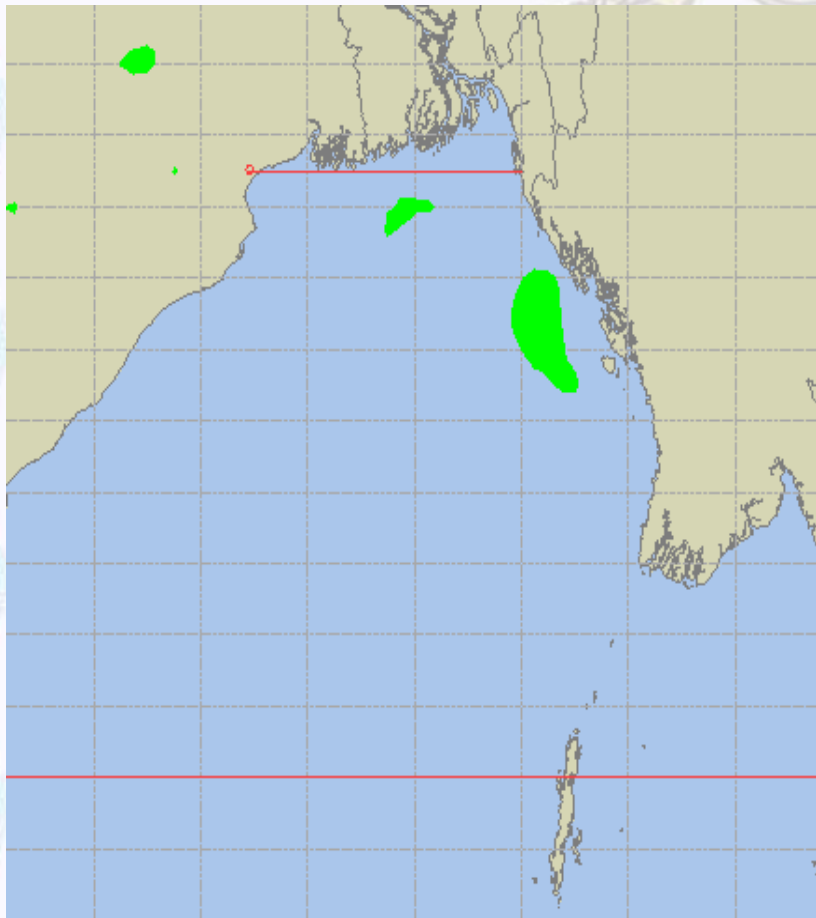




# Peak Gusting Possibilities– 17 & 18 Feb 2021

17 Feb 21 Wednesday

18 Feb 21 Thursday

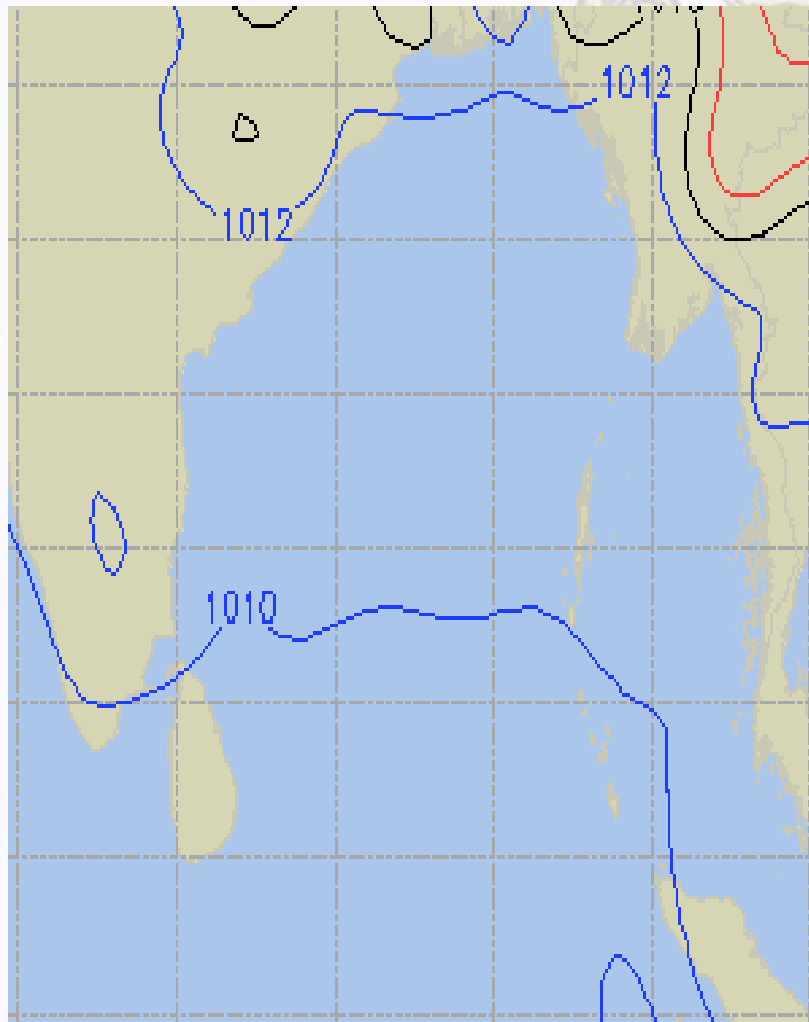




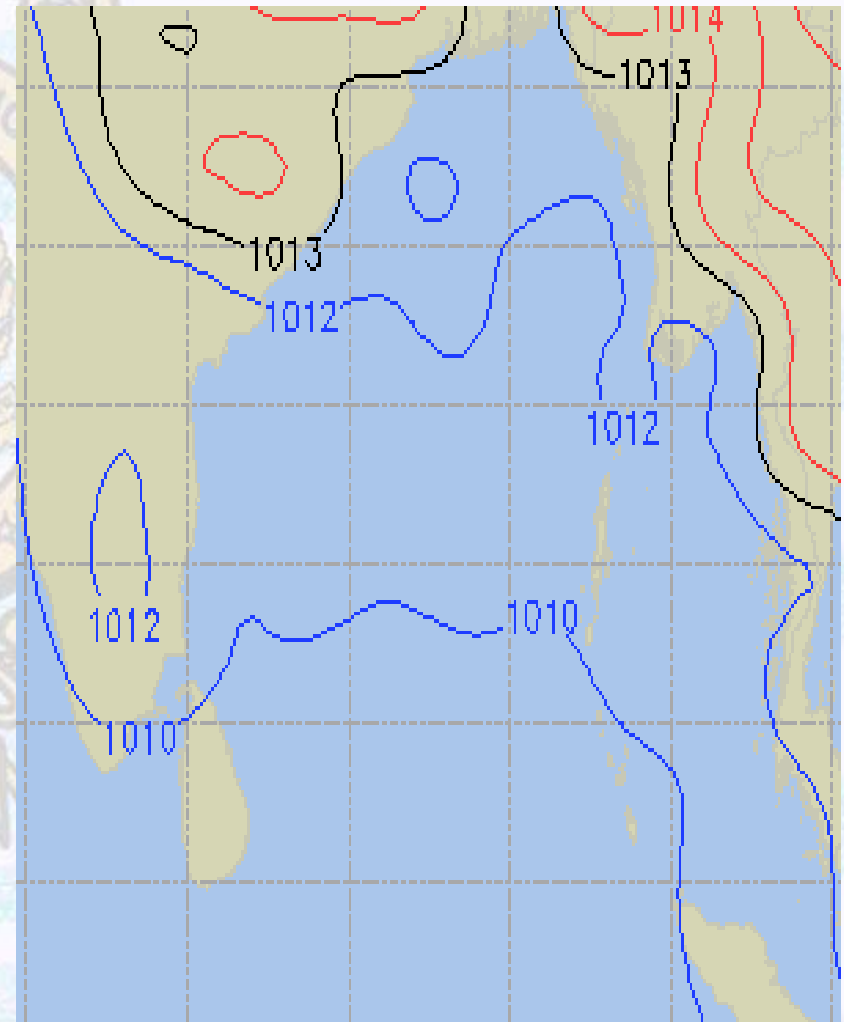


# Surface Pressure forecast – 17 & 18 Feb 2021

17 Feb 21 Wednesday



18 Feb 21 Thursday

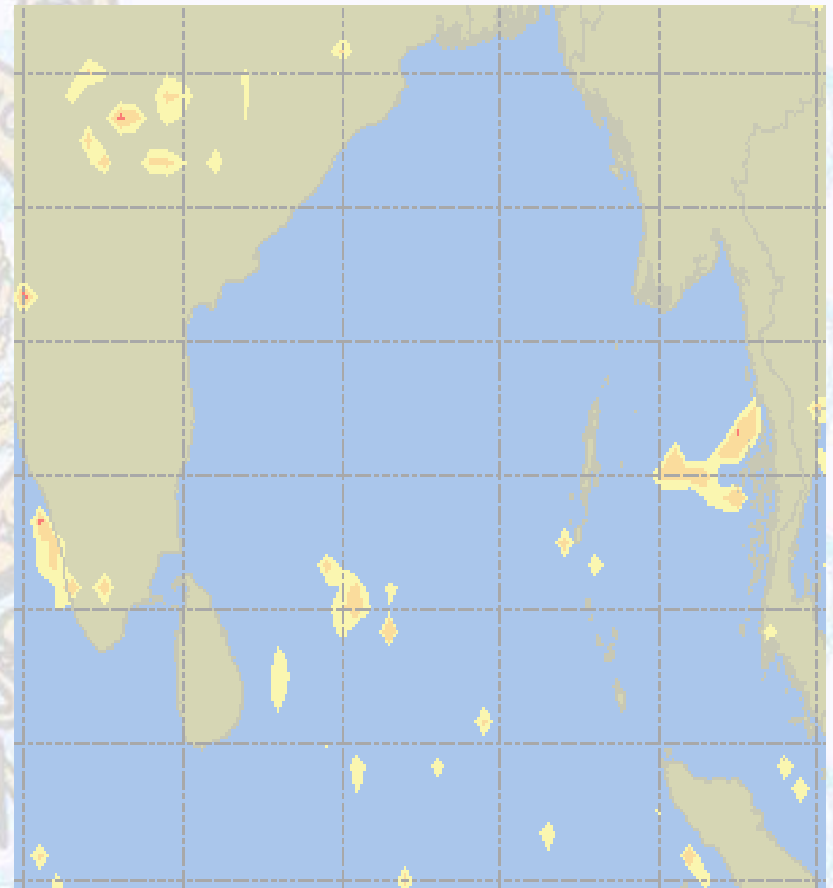
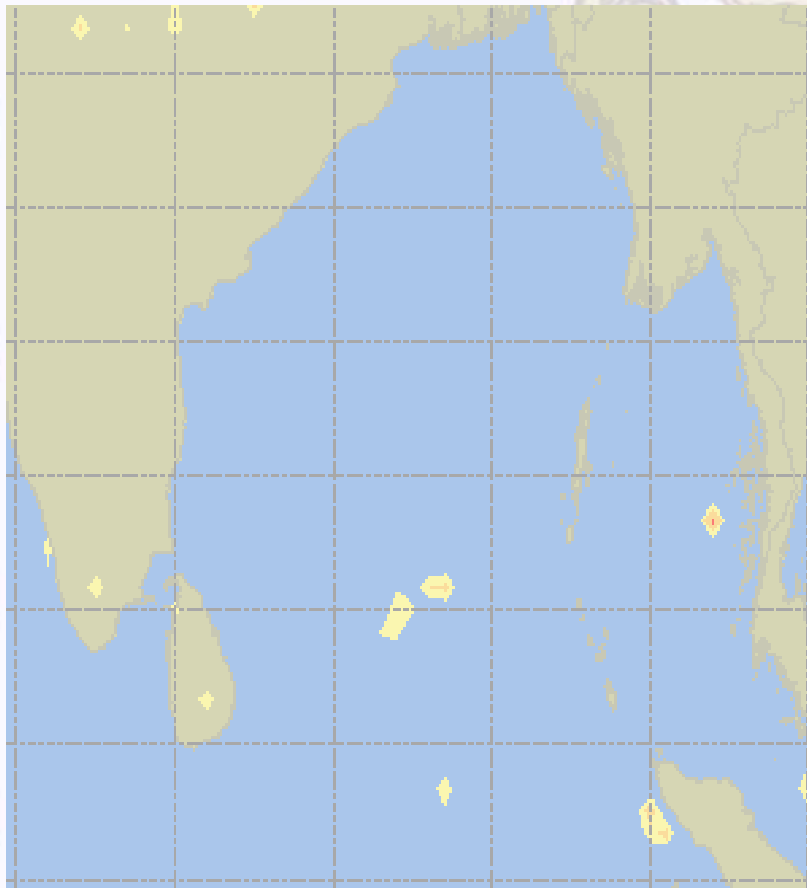




# Visibility at Sea Forecast – 17 & 18 Feb 2021

17 Feb 21 Wednesday

18 Feb 21 Thursday



**Visibility Scale:**



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

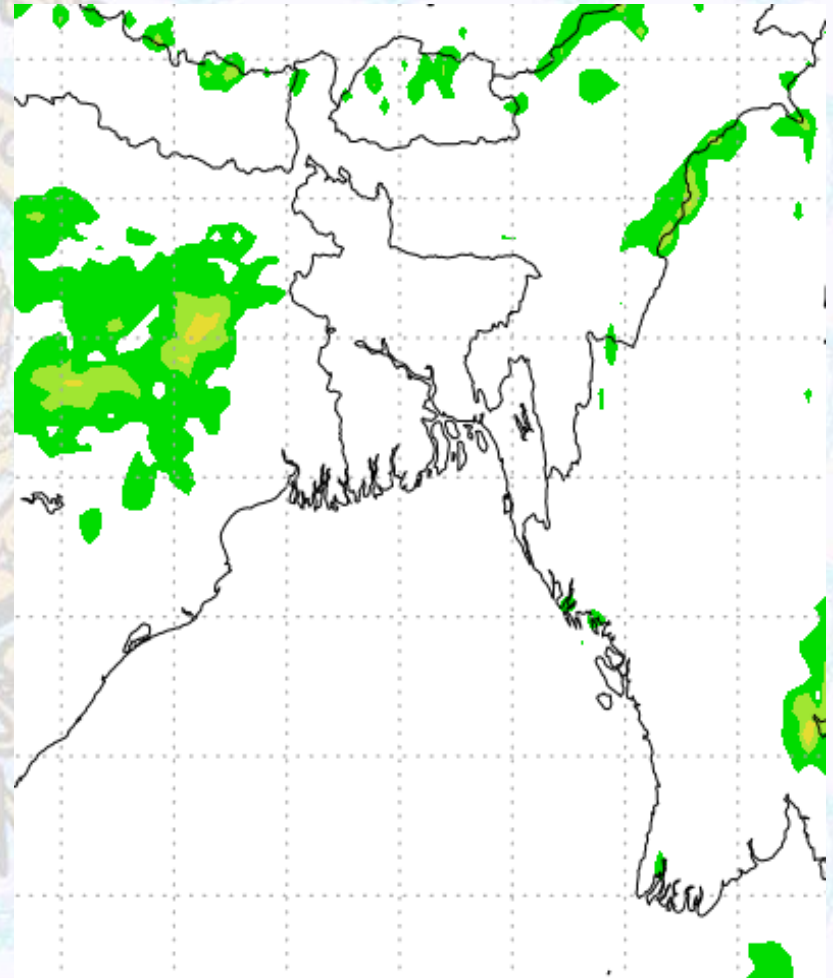
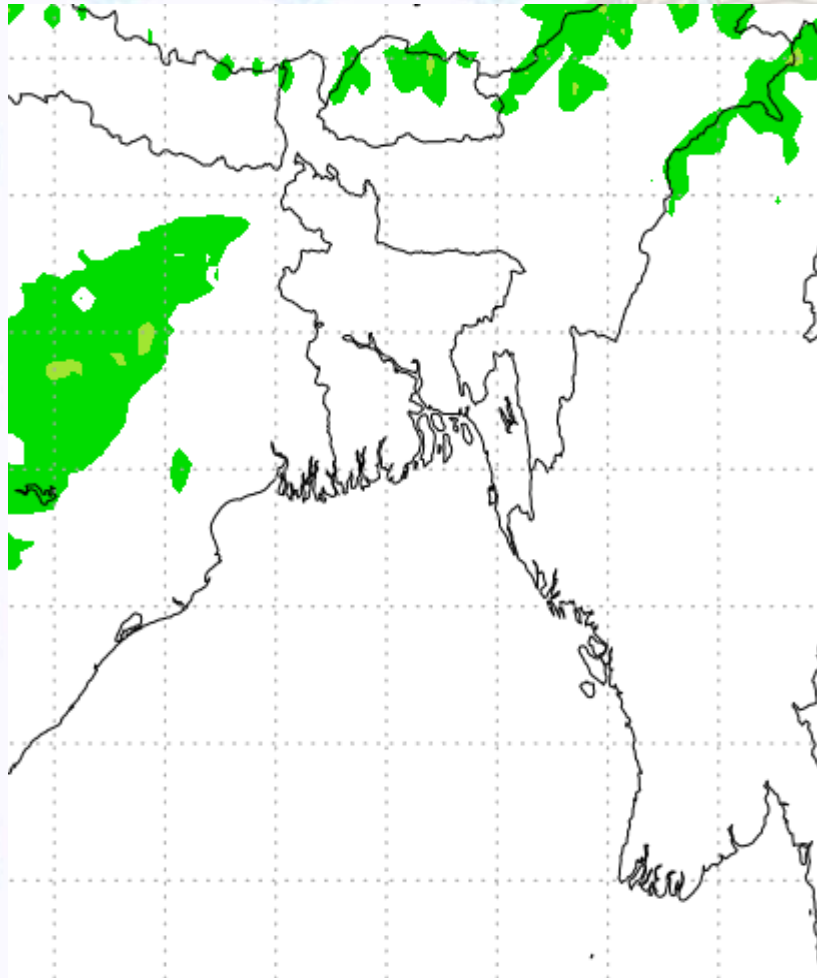




# Precipitation

Rain(mm) 17 & 18 Feb 21

Rain(mm) 18 & 19 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>17 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0353	4.04		0144	2.94		0129	2.56
	1024	0.42		0807	0.41		0749	0.53
	1621	3.89		1403	2.67		1357	2.48
	2240	0.73		2020	0.51		2004	0.79
<b>18 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0431	3.75		0218	2.70		0200	2.41
	1054	0.58		0834	0.53		0817	0.65
	1702	3.69		1439	2.51		1432	2.37
	3.69	0.94		2056	0.66		2040	0.95
<b>19 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0515	3.40		0254	2.45		0236	2.23
	1131	0.81		0908	0.67		0851	0.80
	1750	3.47		1522	2.34		1516	2.24
	-	-		2139	0.83		2126	1.13