



# WEATHER FORECAST FOR BN

***16 MAR - 19 MAR 2021***



# WEATHER FORECAST – DHAKA

## 16.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 18	31 / 18	28 / 18	26 / 18
Wind	7 km/h W	12 km/h WNW	4 km/h SSE	3 m/h S
Humidity	46%	43%	55%	63%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	28%	4%	1%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 06 AM			
Sunset	18: 08 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 3.22 km

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





# WEATHER FORECAST – CHATTOGRAM

## 16.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 19	31 / 19	27 / 20	26 / 19
Wind	18 km/h WNW	15 km/h WNW	12 km/h WNW	7 km/h NNW
Humidity	49%	49%	64%	67%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 00AM			
Sunset	18: 02 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 05.22 Km

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



# WEATHER FORECAST – KHULNA

## 16.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 19	33 / 16	28 / 18	25 / 19
Wind	7 km/h NW	6 km/h WNW	5 km/h WSW	4 m/h SW
Humidity	39%	37%	55%	71%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	10%	5%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 09 AM 18: 11 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	17 Mar 2021	18 Mar 2021	19 Mar 2021
<b>Temperature (C)</b>	34 °C/ 22 °C	34 °C/ 22 °C	34 °C/ 22 °C
<b>Summary</b>	Sunny	Sunny	Sunny / Partly Cloudy
<b>Sun Rise/Set</b>	6h 05m30s/18h08m36s	6h 04m30s/18h09m06s	6h 03m24s/18h09m36s
<b>Day Length</b>	12h03m06s	12h04m36s	12h06m12s
<b>Moon Rise/ Set</b>	8:20AM 9:23PM	8:59AM 10:22PM	9:36AM 11:15PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 17%	Waxing Crescent, 25%	Waxing Crescent, 34%
<b>Nautical Twilight</b>	05:21, 18:55	05:15, 18:57	05:15, 18:57
<b>Civil Twilight</b>	05:47, 18:29	05:42, 18:31	05:42, 18:31
<b>Humidity</b>	D : 51%    N : 64%	D : 49%    N : 62%	D : 50%    N : 64%
<b>Barometer (mb)</b>	1009	1009	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	3%	3%	3%
<b>Wind (km/hr)</b>	9 Km/h, W	10 Km/h, WSW	9 Km/h, WSW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	17 Mar 2021	18 Mar 2021	19 Mar 2021
<b>Temperature (C)</b>	31 °C / 21 °C	32 °C / 21 °C	32 °C / 22 °C
<b>Summary</b>	Sunny	Sunny	Sunny / Partly Cloudy
<b>Sun Rise/Set</b>	5h59m36s/ 18h03m00s	5h58m42s/ 18h03m30s	5h57m42s/ 18h03m54s
<b>Day Length</b>	12h03m24s	12h04m48s	12h06m12s
<b>Moon Rise/ Set</b>	8:20AM 9:23PM	8:55AM 10:14PM	9:36AM 11:15PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 17%	Waxing Crescent, 25%	Waxing Crescent, 34%
<b>Nautical Twilight</b>	05:16, 18:49	05:10, 18:51	05:10, 18:51
<b>Civil Twilight</b>	05:41, 18:23	05:36, 18:25	05:36, 18:25
<b>Humidity</b>	D : 62% N : 79%	D : 61% N : 77%	D : 61% N : 77%
<b>Barometer (mb)</b>	1009	1010	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	1%	2%	3%
<b>Wind (km/hr)</b>	14 Km/h, NW	14 Km/h, NW	13 Km/h, NW

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





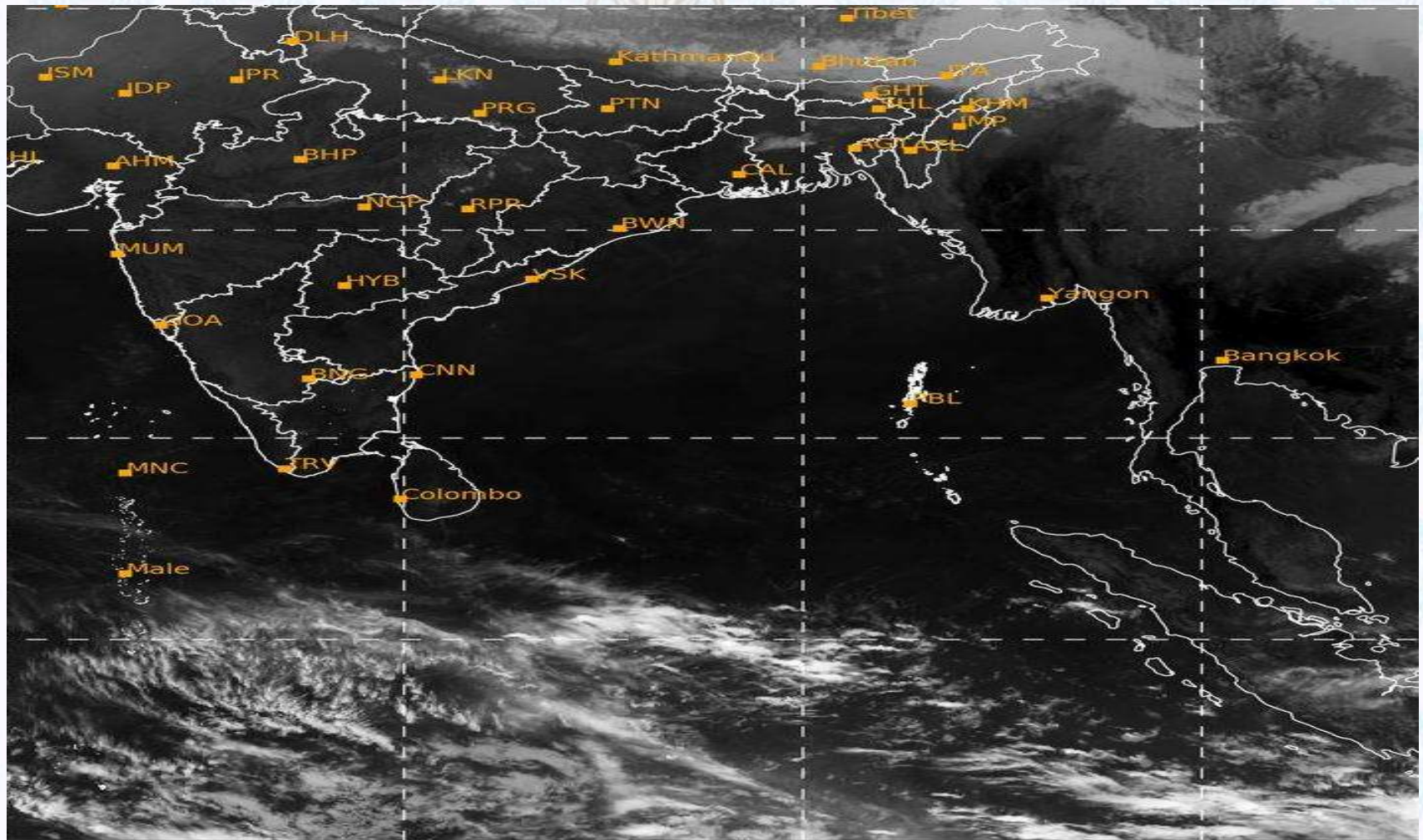
# GENERAL WEATHER FORECAST – KHULNA

Description	17 Mar 2021	18 Mar 2021	19 Mar 2021
<b>Temperature(C)</b>	35°C/ 23°C	35°C/ 23°C	35°C/ 23°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h08m48s/ 18h12m06s	6h07m54s/ 18h12m36s	6h06m48s/ 18h13m00s
<b>Day Length</b>	12h 02m 00s	12h 04m 42s	12h 06m 12s
<b>Moon Rise/Set</b>	8:20AM 9:23PM	9:03AM 10:24PM	9:36AM 11:15PM
<b>Moon Phase/illu</b>	Waxing Crescent, 17%	Waxing Crescent, 25%	Waxing Crescent, 34%
<b>Nautical Twilight</b>	05:25, 18:59	05:19, 19:00	05:19, 19:00
<b>Civil Twilight</b>	05:51, 18:32	05:45, 18:34	05:45, 18:34
<b>Humidity</b>	D : 55%    N : 81%	D : 54%    N : 79%	D : 54%    N : 79%
<b>Barometer (mb)</b>	1009	1009	1009
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	6%	5%	5%
<b>Wind (km/hr)</b>	10 Km/h, WNW	8 Km/h, W	8 Km/h, W

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



# SATELLITE VIEW OF BAY OF BENGAL



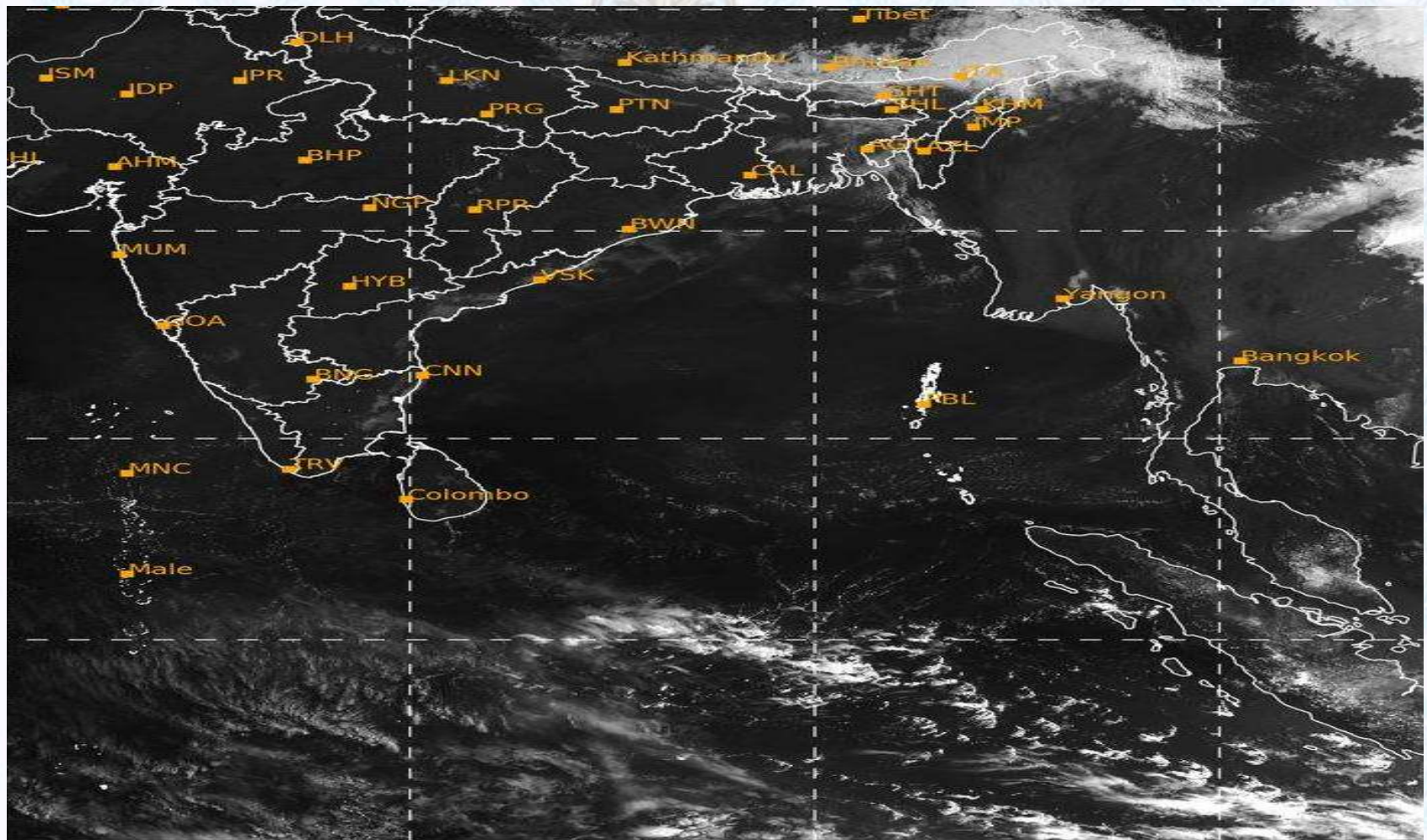
16/03/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



16/03/2021, 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 16.03.2021)

<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	WEST/NORTH-WESTERLY 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 16.03.2020)

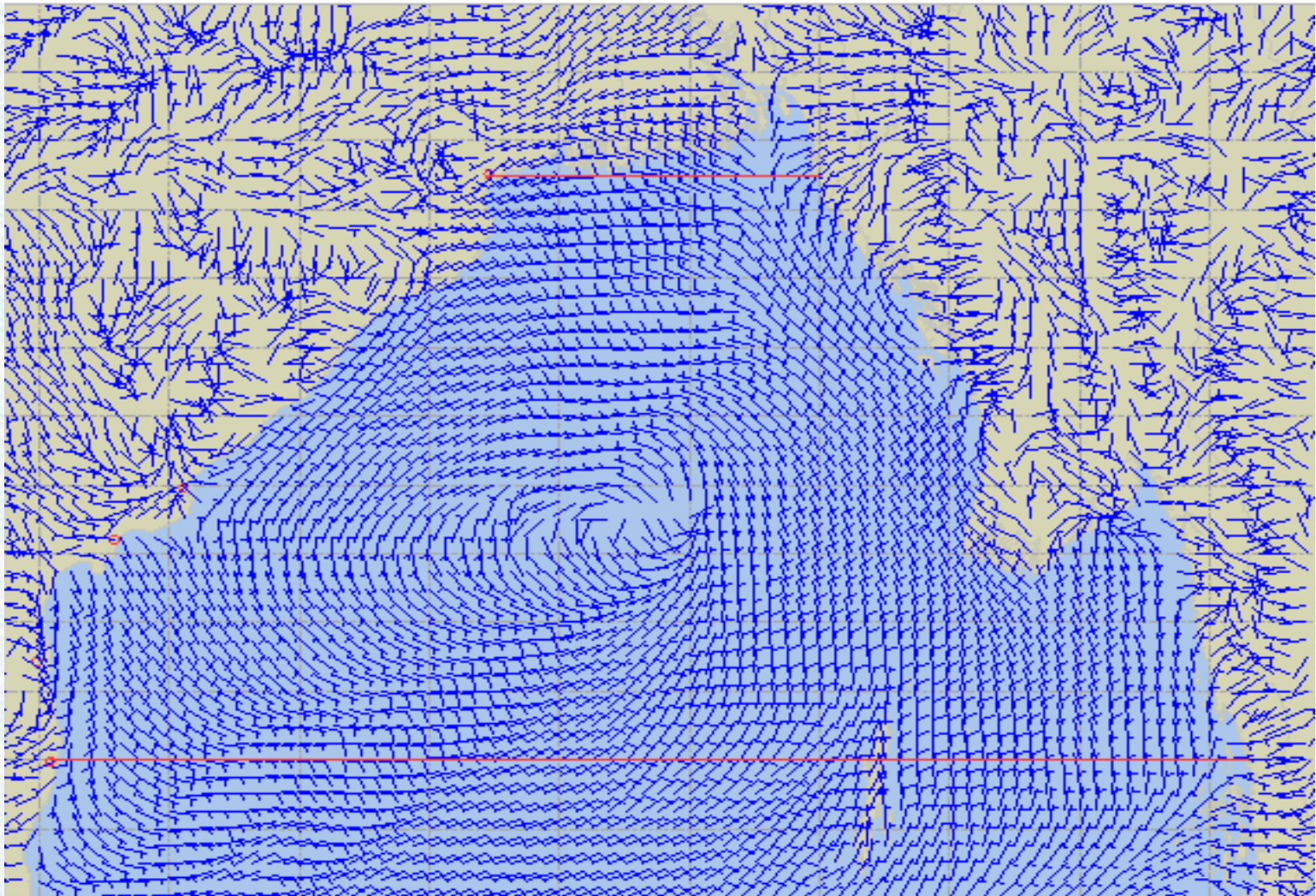
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 17 Mar - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

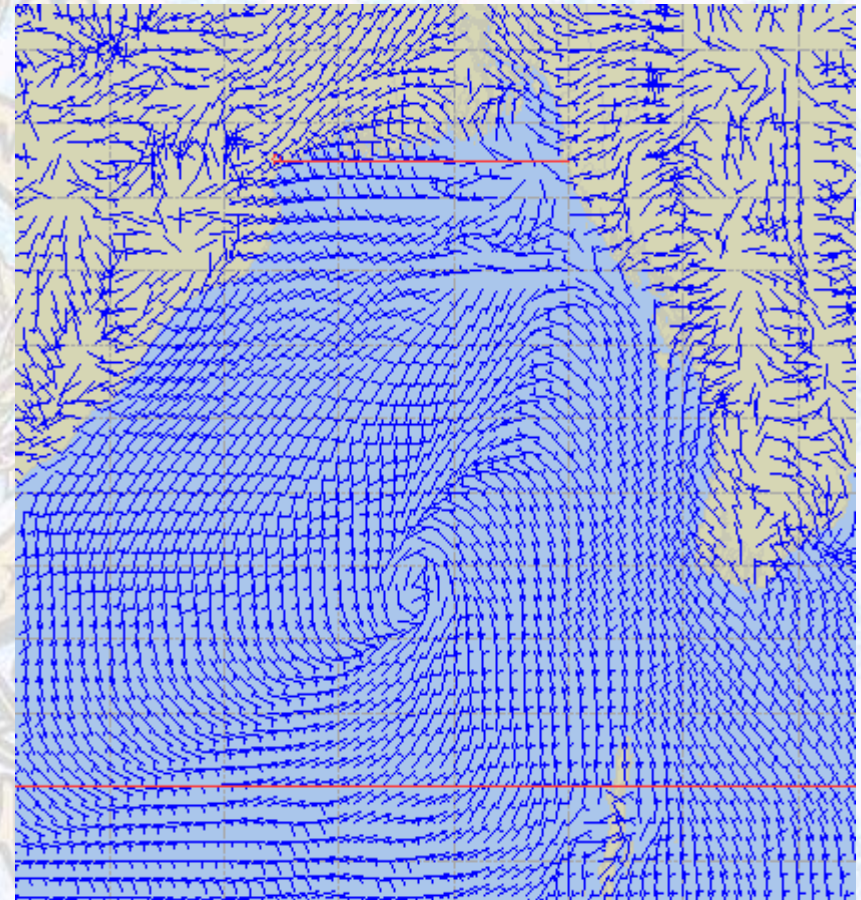
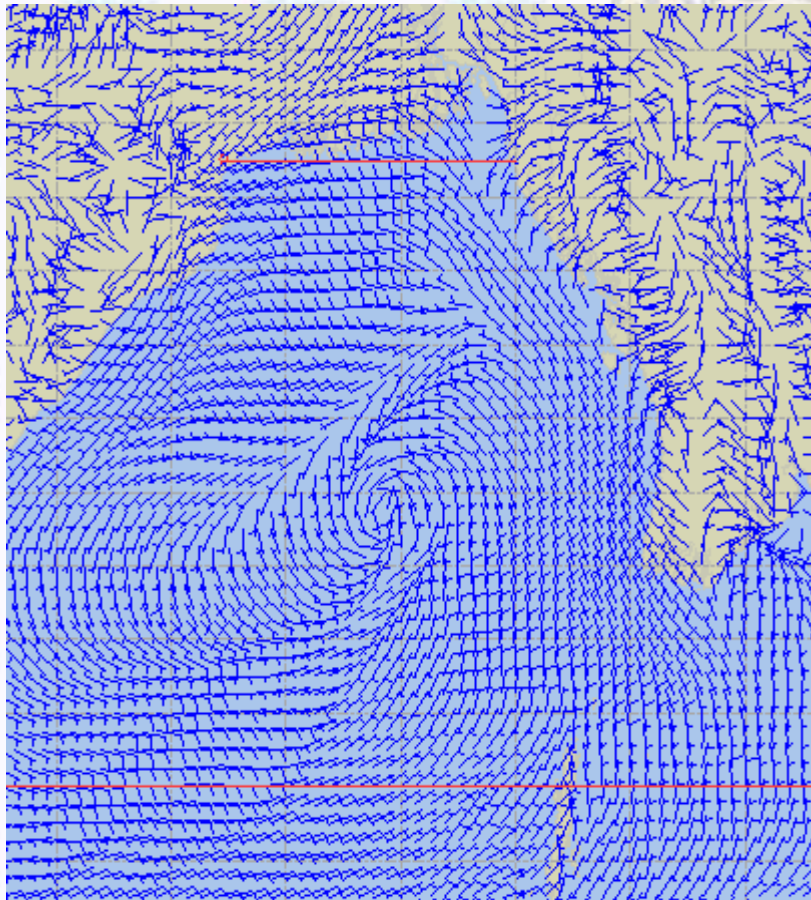




# Surface Wind Forecast – 18 & 19 Mar - 2021

18 Mar 21 Thursday

19 Mar 21 Friday



**Legend:**



Calm  
Winds



5 Knots



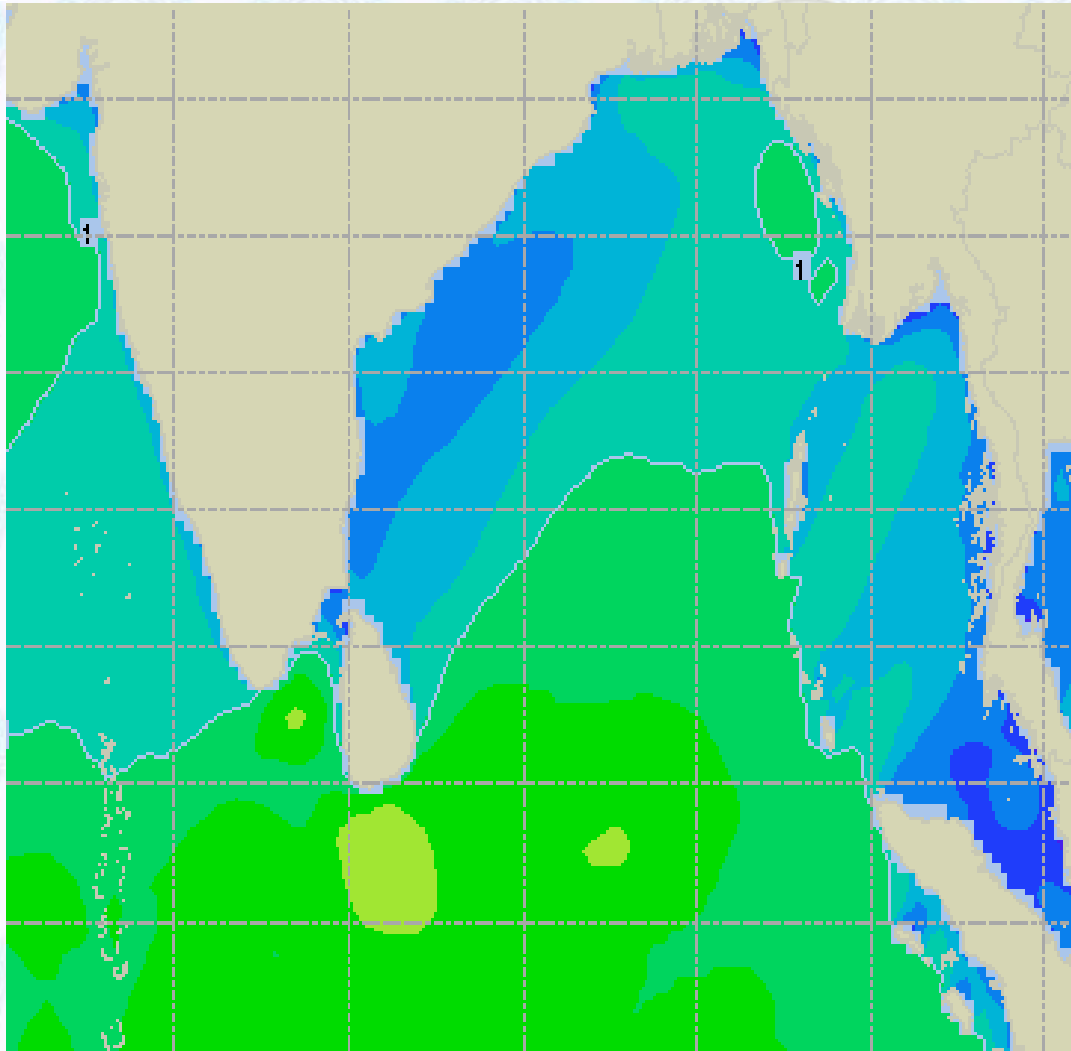
10 Knots



60 Knots



# Sea State Forecast – 17 Mar - 2021



Sea State	Ht (m)
0	0
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



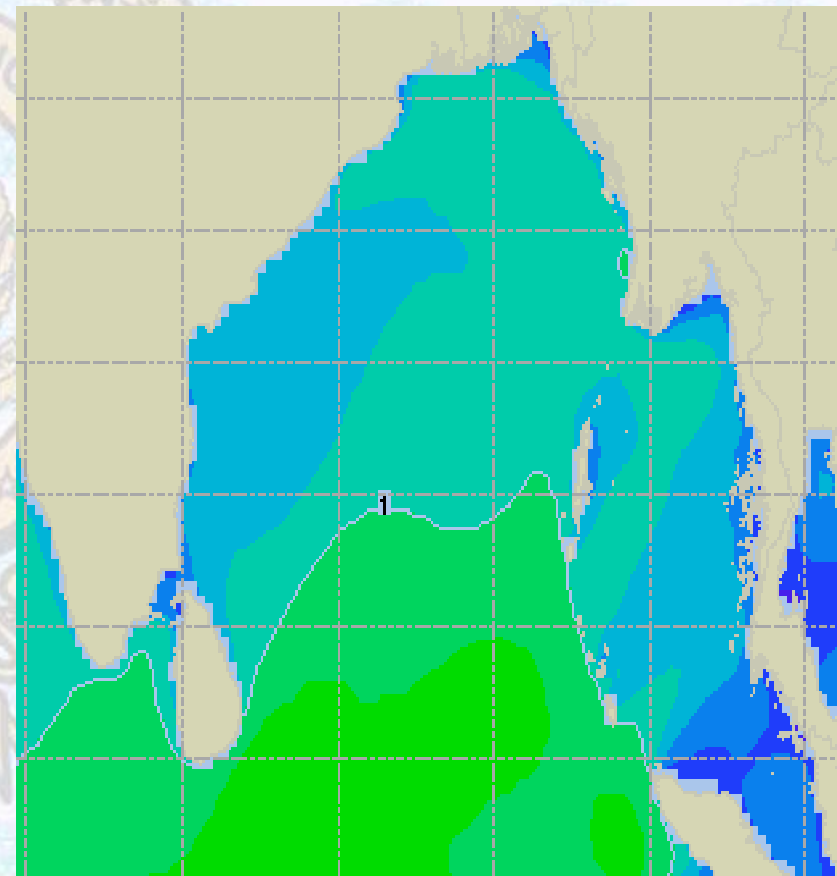
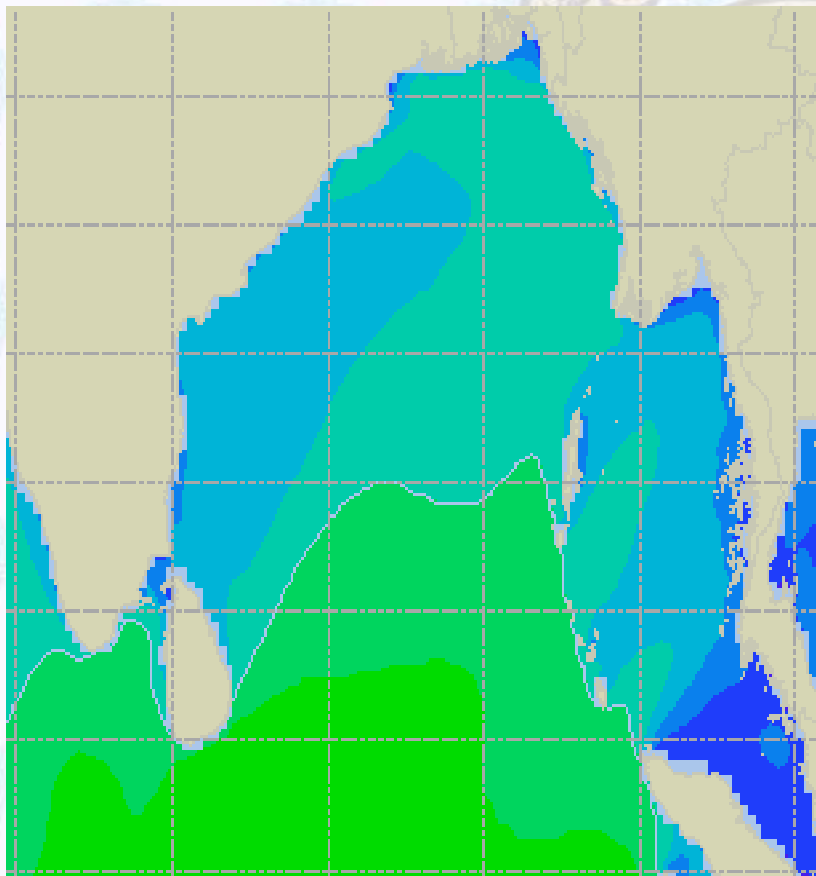




# Sea State Forecast – 18 & 19 Mar - 2021

18 Mar 21 Thursday

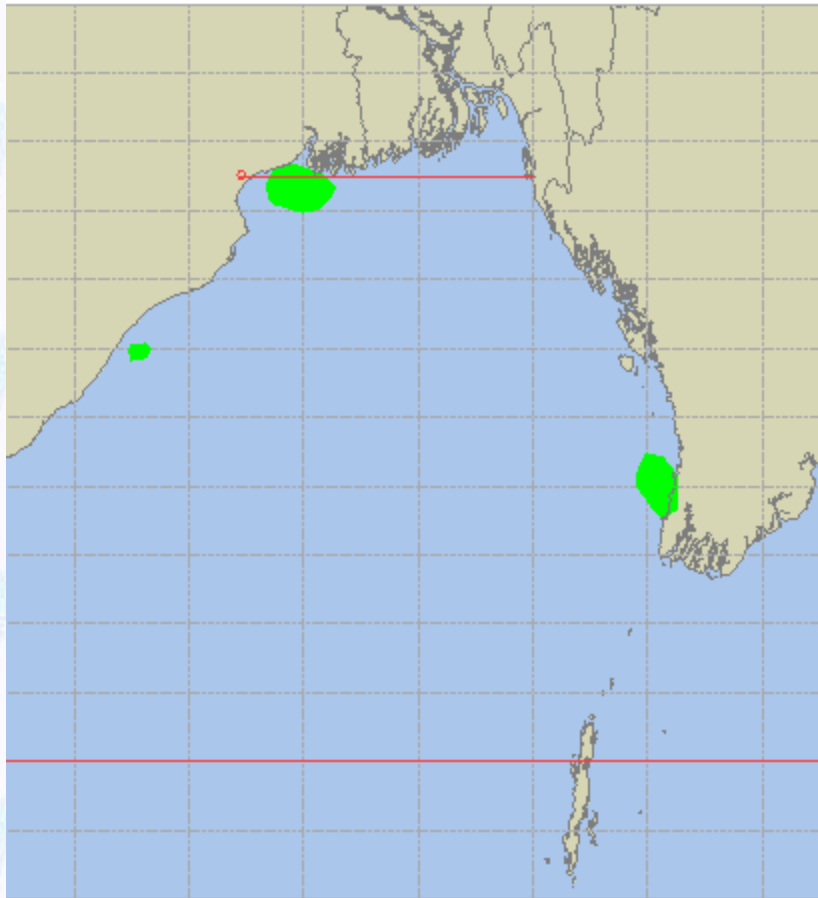
19 Mar 21 Friday



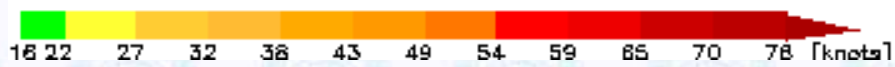
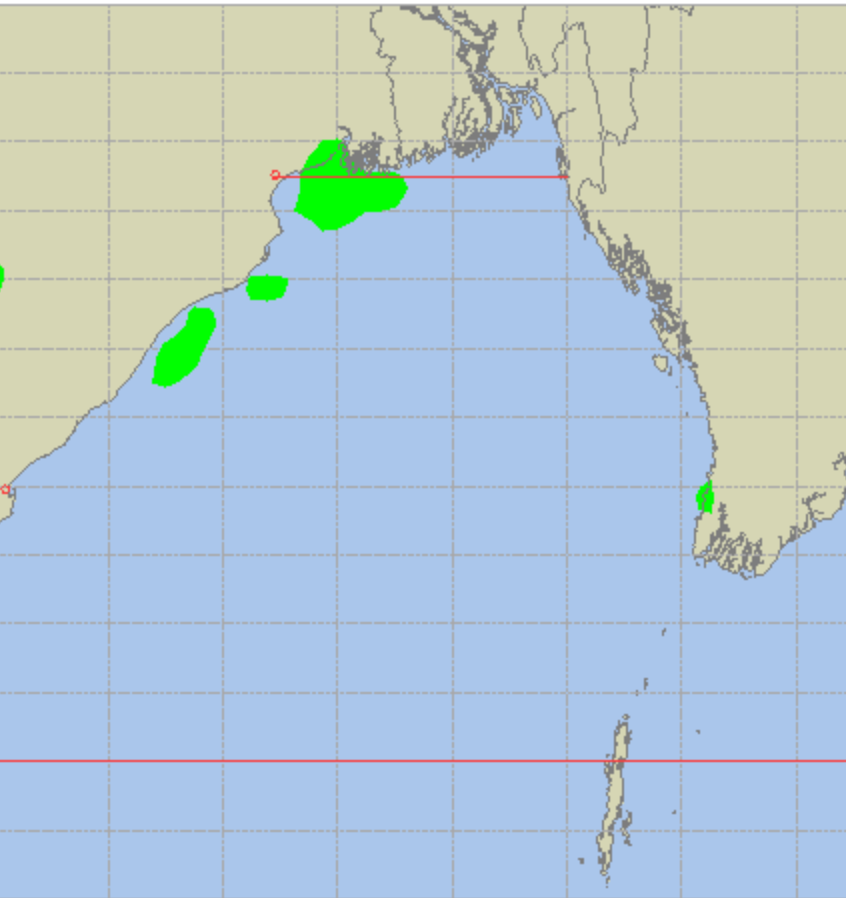


# Peak Gusting Possibilities– 17 & 18 Mar 2021

## 17 Mar 21 Wednesday



## 18 Mar 21 Thursday



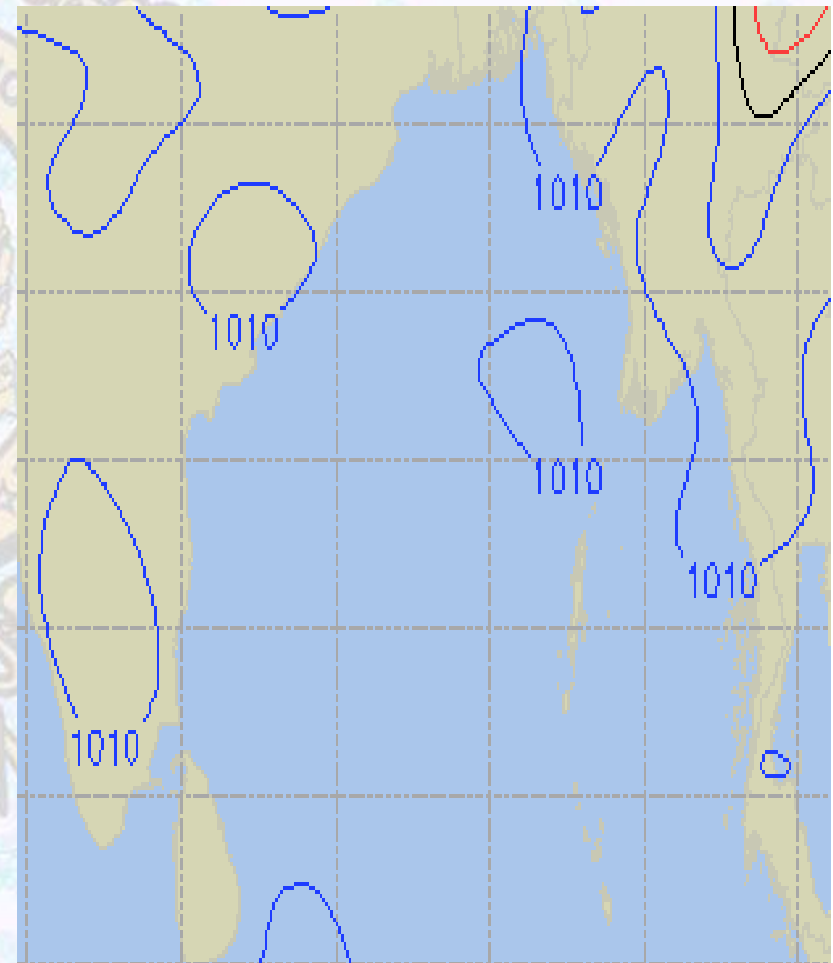
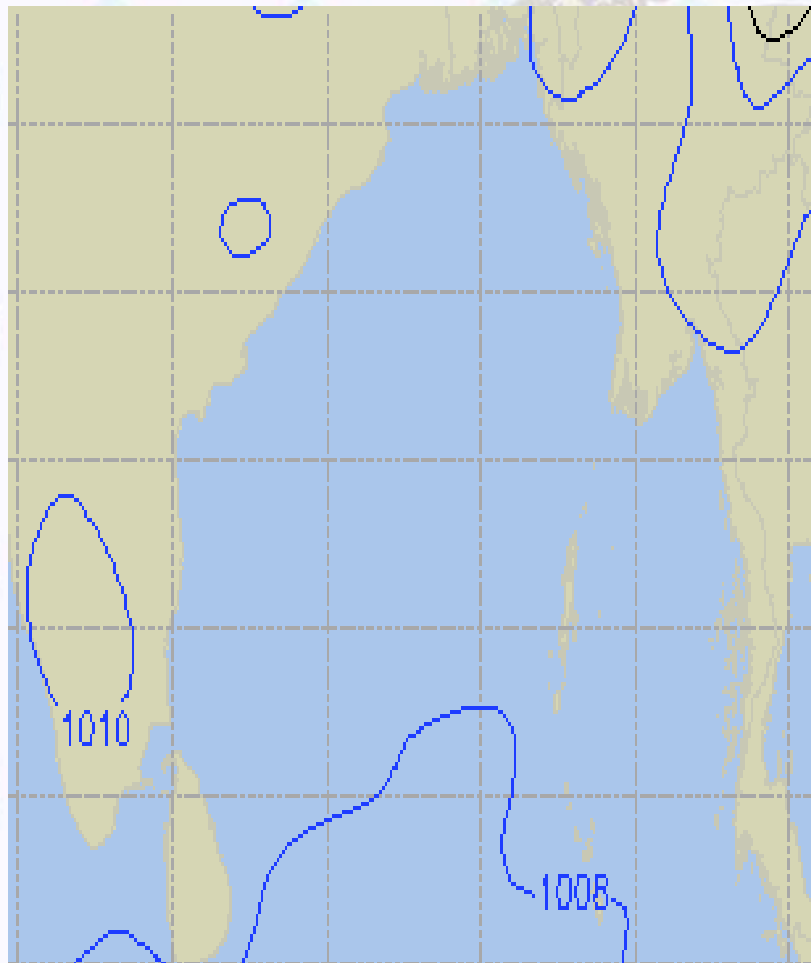




# Surface Pressure forecast – 17 & 18 Mar 2021

17 Mar 21 Wednesday

18 Mar 21 Thursday

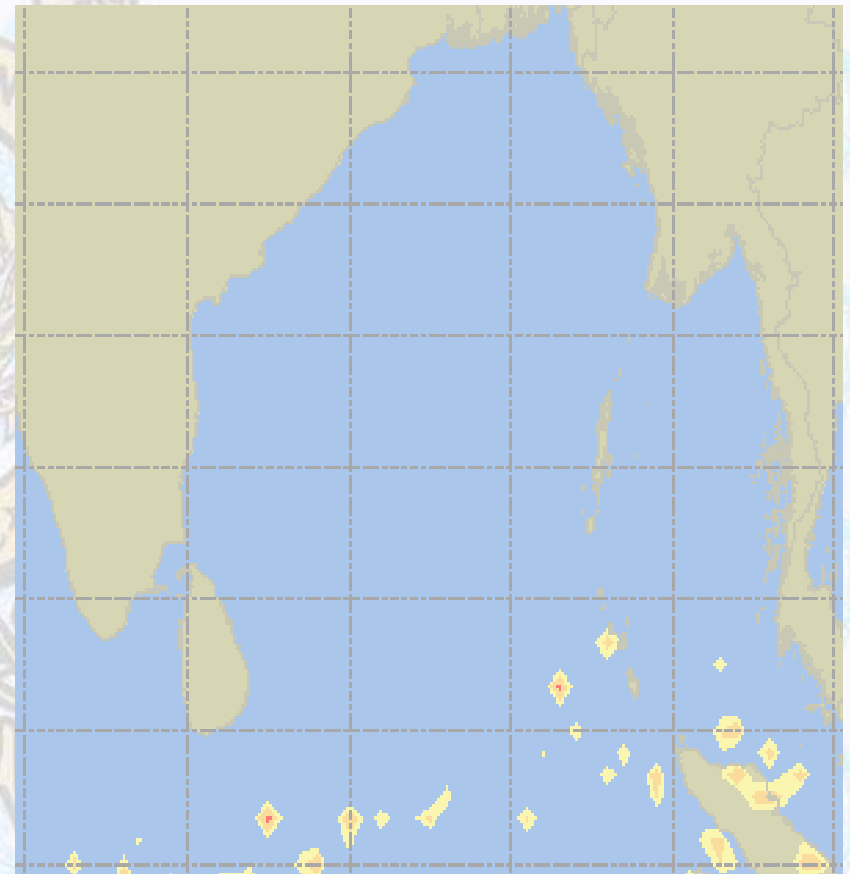
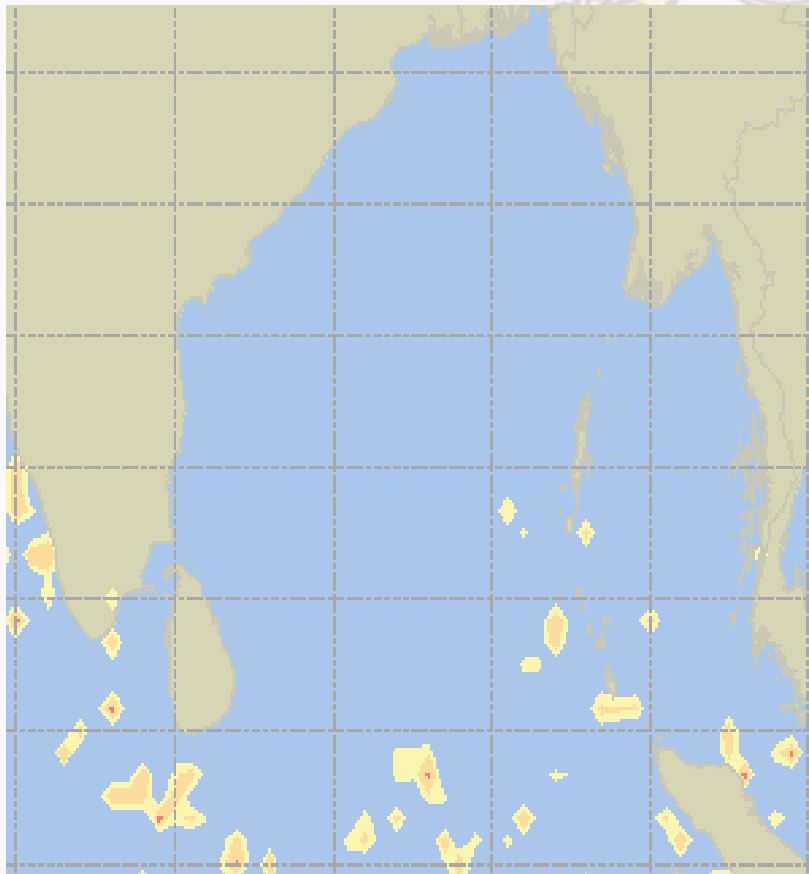




# Visibility at Sea Forecast – 17 & 18 Mar 2021

17 Mar 21 Wednesday

18 Mar 21 Thursday



**Visibility Scale:**



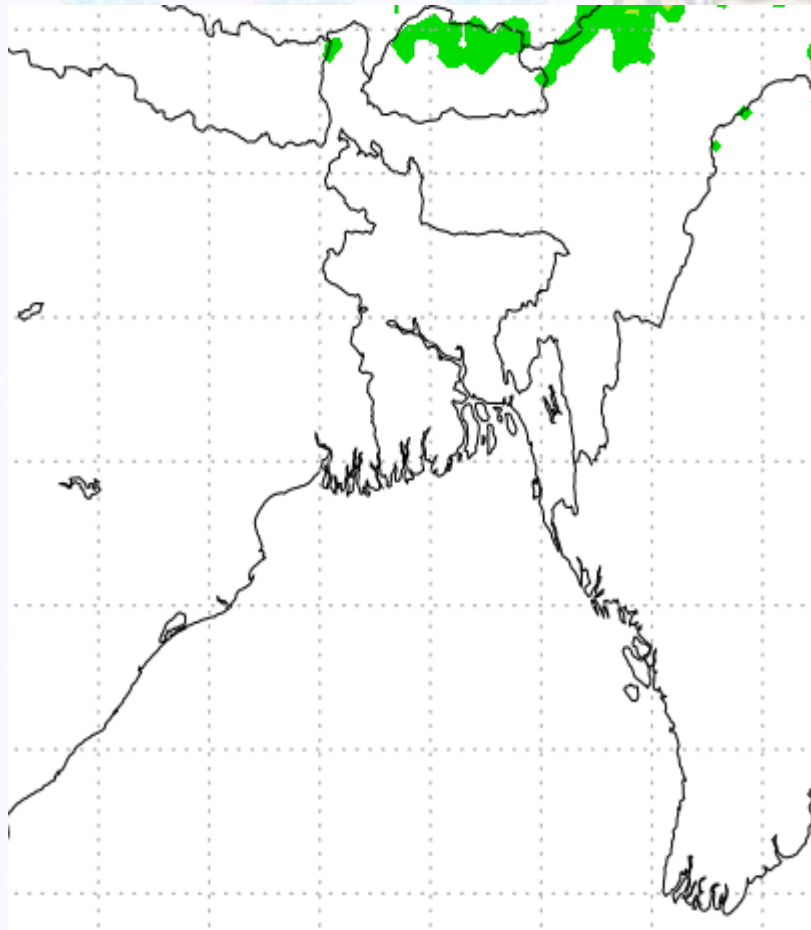
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



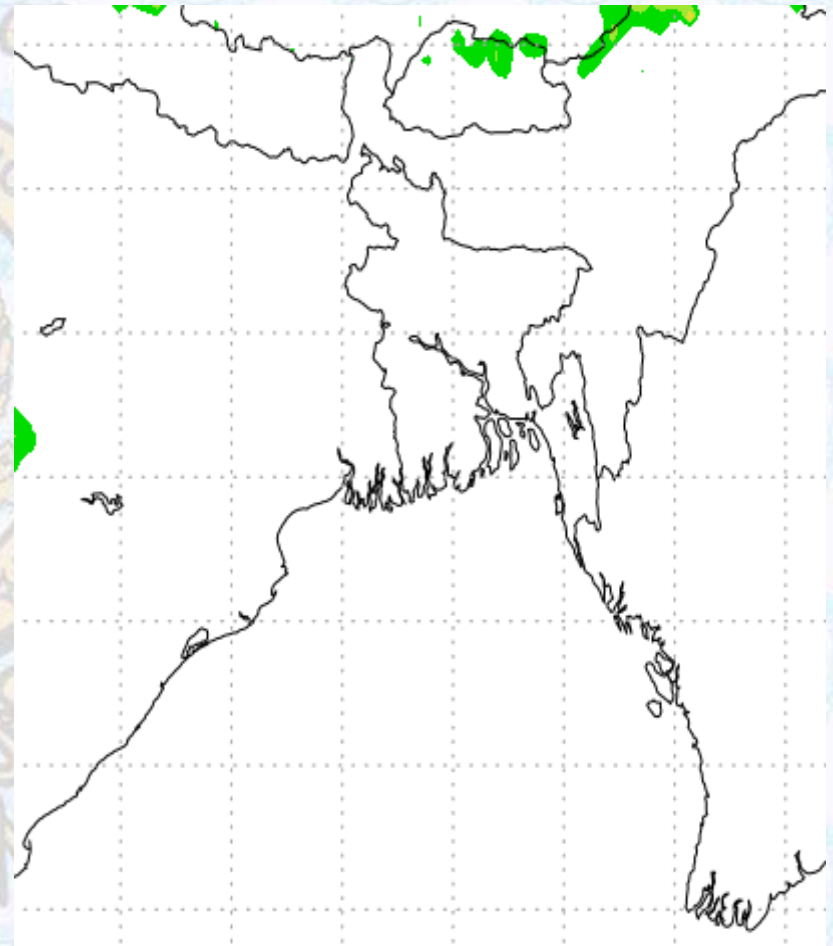


# Precipitation

Rain(mm) 17 & 18 Mar 21



Rain(mm) 18 & 19 Mar 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>17 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0247	4.28		0040	3.12		0031	2.66
	0919	0.30		0707	0.20		0647	0.38
	1508	4.24		1258	2.99		1251	2.70
	2135	0.51		1921	0.31		1904	0.59
<b>18 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0318	4.12		0111	2.93		0057	2.56
	0944	0.37		0732	0.29		0711	0.47
	1539	4.12		1330	2.85		1320	2.62
	2205	0.63		1950	0.42		1933	0.73
<b>19 Mar 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0353	3.86		0142	2.71		0127	2.43
	1013	0.52		0758	0.42		0737	0.60
	1615	3.93		1404	2.68		1353	2.51
	2240	0.82		2022	0.56		2006	0.89