



**WEATHER FORECAST FOR BN**

**19 - 22 MAR 2020**



# WEATHER FORECAST – DHAKA

## 19.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 15	32 / 13	26 / 16	24 / 17
Wind	9 km/h WNW	9 km/h WNW	4 km/h SSE	2 km/h SSW
Humidity	34%	32%	55%	65%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	30%	38%	42%	41%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 04 AM 6: 10 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 11.27 km

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



# WEATHER FORECAST – CHATTOGRAM

## 19.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 20	30 / 20	27 / 20	24 / 20
Wind	12 km/h W	13 km/h W	10 km/h WNW	8 km/h NW
Humidity	52%	54%	66%	74%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	32%	44%	49%	59%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 59 AM 6: 04 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 19.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 15	32 / 15	27 / 19	24 / 20
Wind	6 km/h NW	8 km/h WNW	6 km/h SSW	5 km/h SW
Humidity	36%	35%	62%	77%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	38%	45%	60%	70%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 08 AM 6: 14 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	20 Mar 2020	21 Mar 2020	22 Mar 2020
<b>Temperature (C)</b>	33 °C/ 21 °C	33 °C/ 21 °C	32 °C/ 20 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h02m06s/18h09m30s	6h01m06s/18h09m48s	6h00m00s/18h10m30s
<b>Day Length</b>	12h07m24s	12h08m42s	12h10m30s
<b>Moon Rise/ Set</b>	3:40AM 2:47PM	4:21AM 3:41PM	4:59AM 3:32PM
<b>Moon Phase/ illu</b>	Waning Crescent, 12%	Waning Crescent, 6%	Waning Crescent, 2%
<b>Nautical Twilight</b>	0513,1858	0512,1859	0511,1859
<b>Civil Twilight</b>	0539,1832	0538,1832	0537,1833
<b>Humidity</b>	D : 47%    N : 69%	D : 51%    N : 74%	D : 62%    N : 82%
<b>Barometer (mb)</b>	1011	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	50%
<b>Wind (mph)</b>	9 Km/h WSW	11 Km/h SW	10 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Mar 2020	21 Mar 2020	22 Mar 2020
<b>Temperature (C)</b>	32°C/ 20°C	30°C/ 21°C	30°C/ 20°C
<b>Summary</b>	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
<b>Sun Rise/Set</b>	5h56m24s/18h03m42s	5h55m30s/18h04m00s	5h54m30s/18h04m30s
<b>Day Length</b>	12h07m18s	12h08m30s	12h10m00s
<b>Moon Rise/ Set</b>	3:32AM 2:44PM	4:13AM 3:37PM	4:51AM 3:27PM
<b>Moon Phase/ illu</b>	Waning Crescent, 12%	Waning Crescent, 6%	Waning Crescent, 2%
<b>NauticalTwilight</b>	0508, 1852	0507, 1852	0506, 1852
<b>Civil Twilight</b>	0534, 1826	0533, 1826	0532, 1826
<b>Humidity</b>	D : 53% N : 84%	D : 65% N : 95%	D : 69% N : 94%
<b>Barometer (mb)</b>	1011	1011	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1 %	10%	20%
<b>Wind (mph)</b>	10 Km/h NW	2 Km/h WSW	11 Km/h SW

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



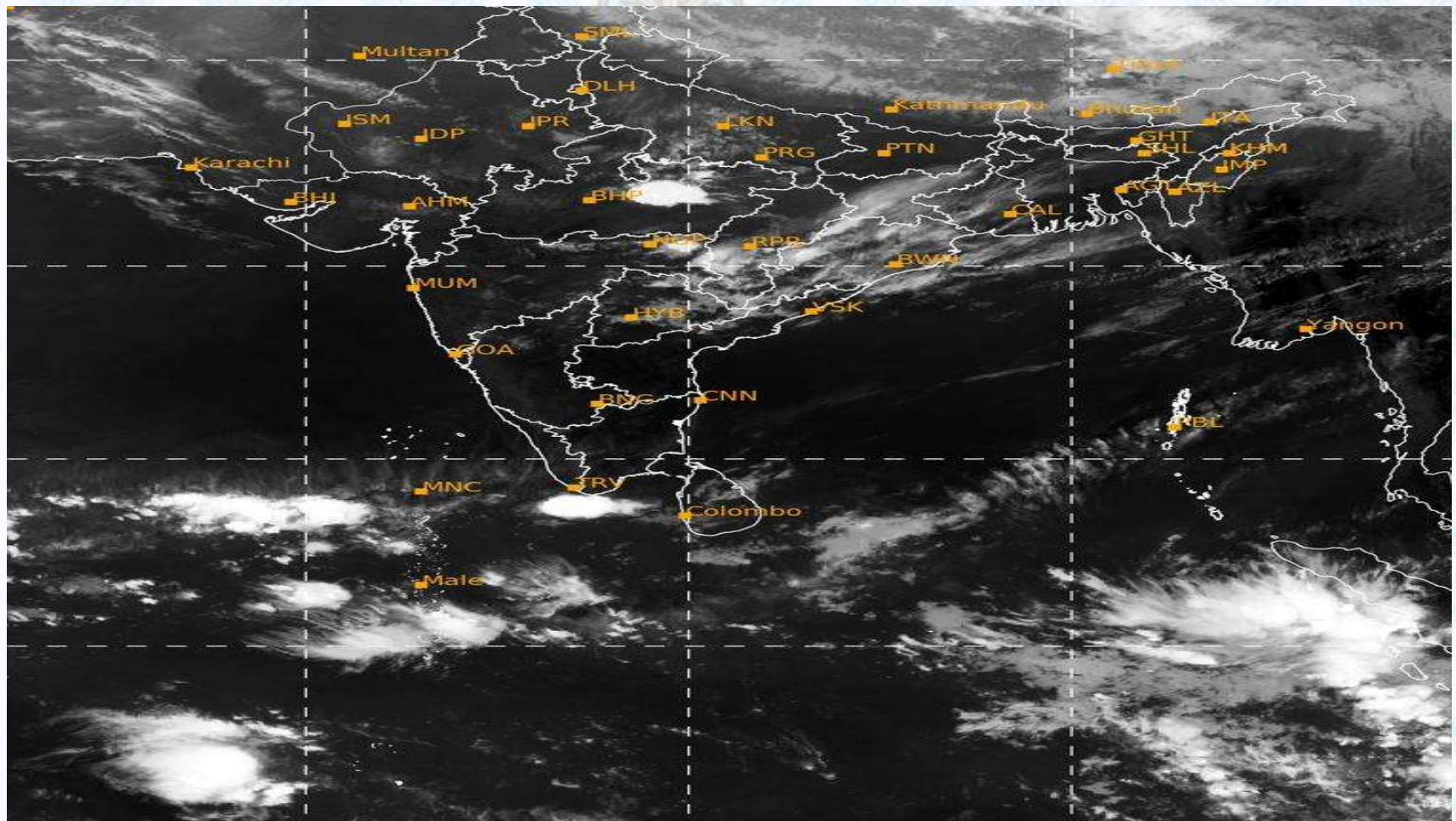
# GENERAL WEATHER FORECAST – KHULNA

Description	20 Mar 2020	21 Mar 2020	22 Mar 2020
<b>Temperature(C)</b>	33°C/ 21°C	33°C/ 22°C	31°C/ 20°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h05m30s/18h12m54s	6h04m36s/18h13m06s	6h03m30s/18h13m42s
<b>Day Length</b>	12h07m24s	12h08m30s	12h10m12s
<b>Moon Rise/Set</b>	3:42AM 2:54PM	4:23AM 3:47PM	5:01AM 4:37PM
<b>Moon Phase/illu</b>	Waning Crescent, 12%	Waning Crescent, 6%	Waning Crescent, 2%
<b>Nautical Twilight</b>	0517, 1901	0516, 1901	0515, 1902
<b>Civil Twilight</b>	0543, 1835	0542, 1835	0541, 1836
<b>Humidity</b>	D : 50%    N : 69%	D : 54%    N : 75%	D : 62%    N : 84%
<b>Barometer (mb)</b>	1011	1010	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	50%
<b>Wind (mph)</b>	11 km/h WNW	10 km/h SW	10 km/h SW

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



# SATELLITE VIEW OF BAY OF BENGAL



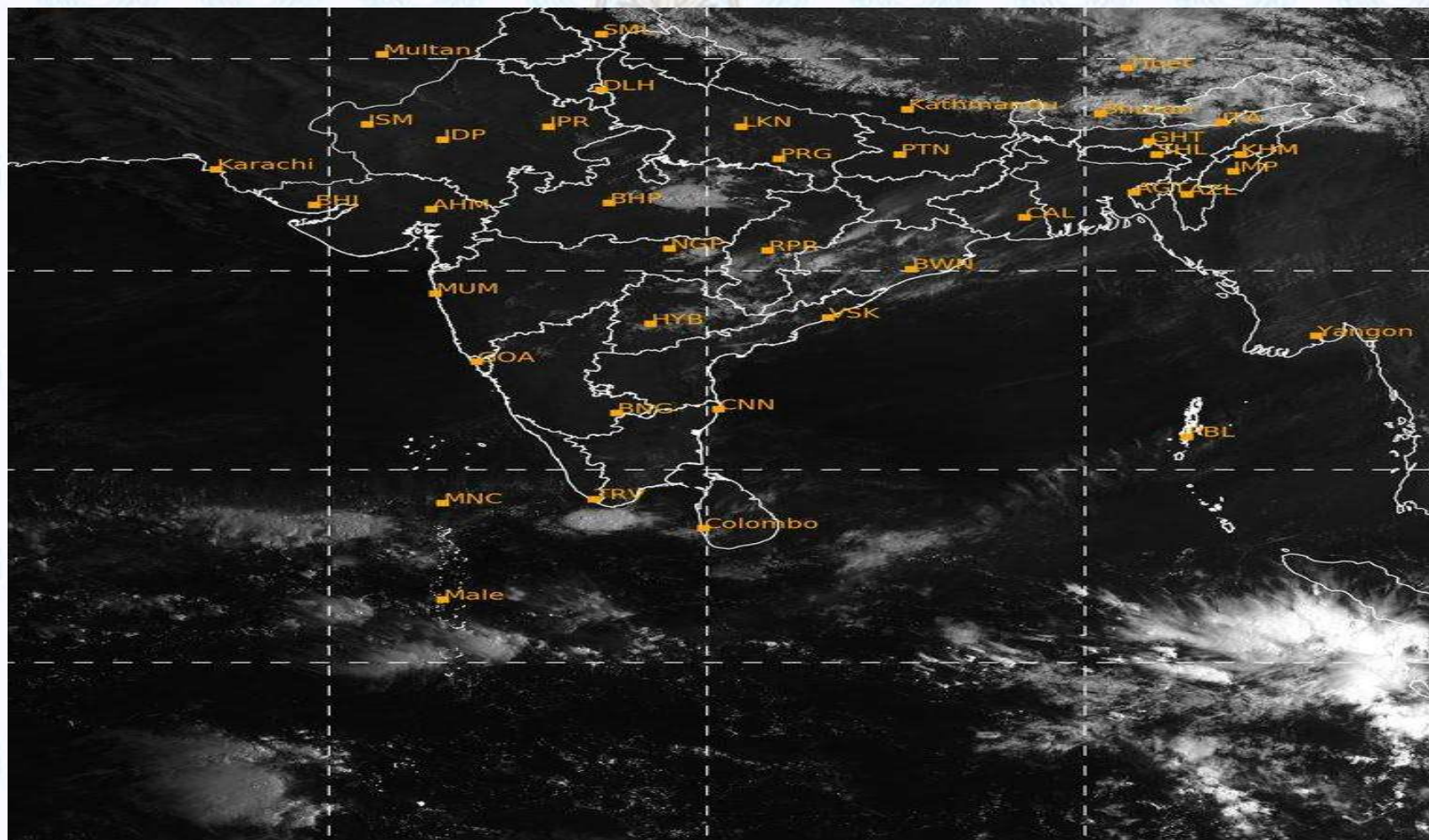
19/03/2020, 10:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/03/2020, 10:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 19.03.2020)

<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, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =19,0000 UTC. CHATTOGRAM =1013 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 19.03.2020)

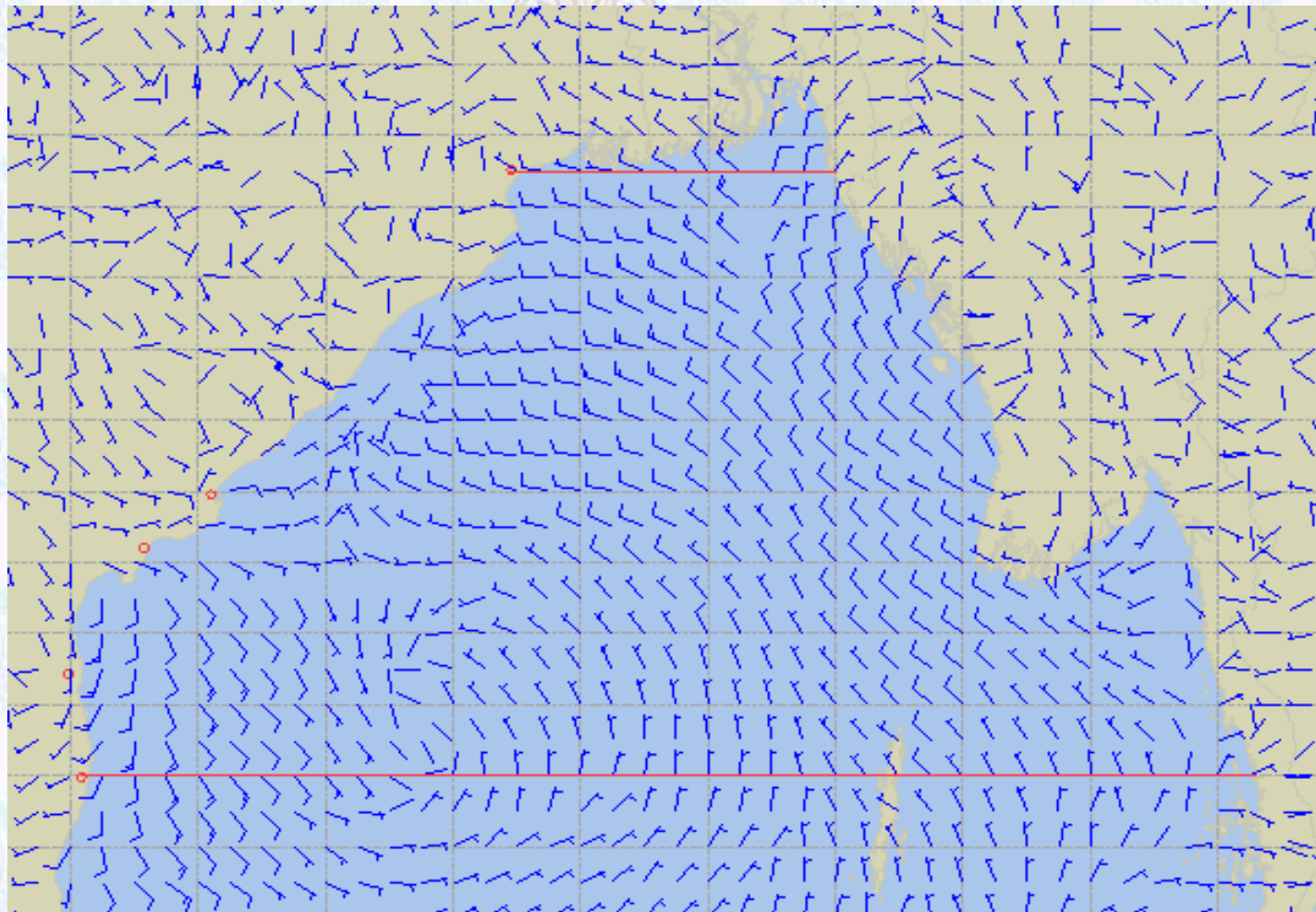
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 20 Mar - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



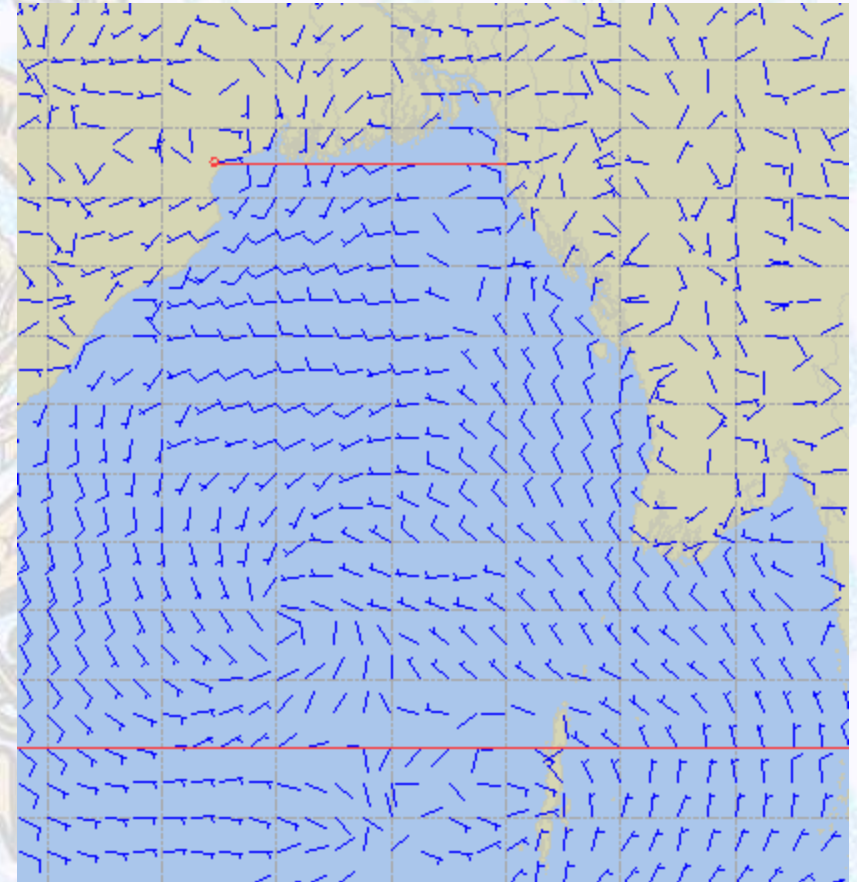
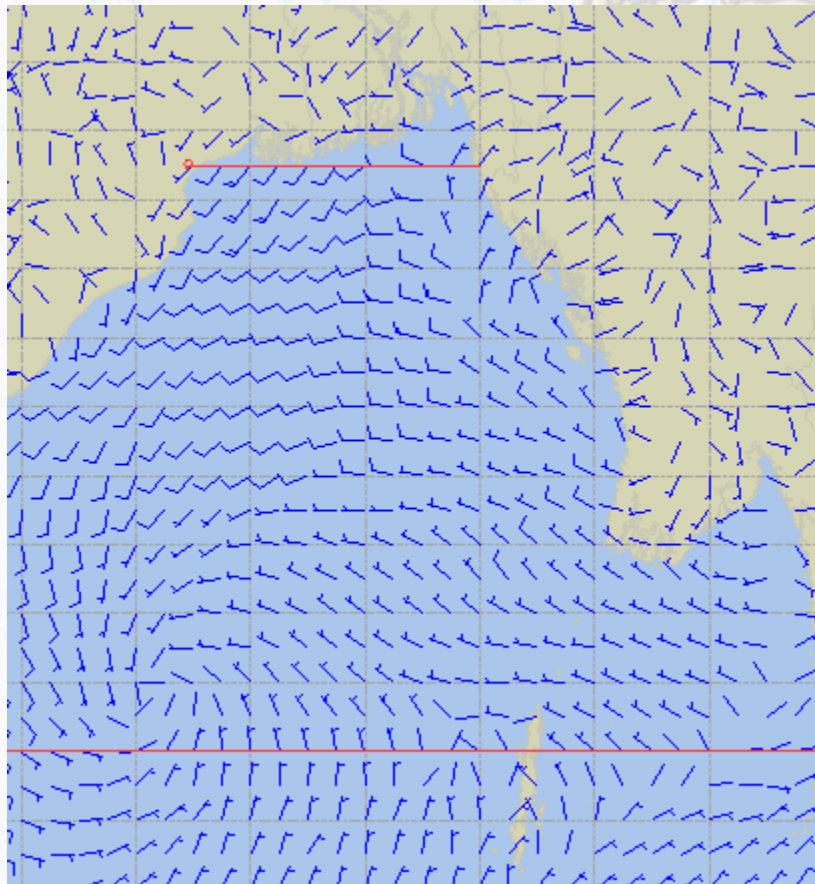
**60 Knots**



# Surface Wind Forecast – 21 & 22 Mar - 2020

21 Mar 2020 Saturday

22 Mar 2020 Sunday



**Legend:**



Calm  
Winds



5 Knots



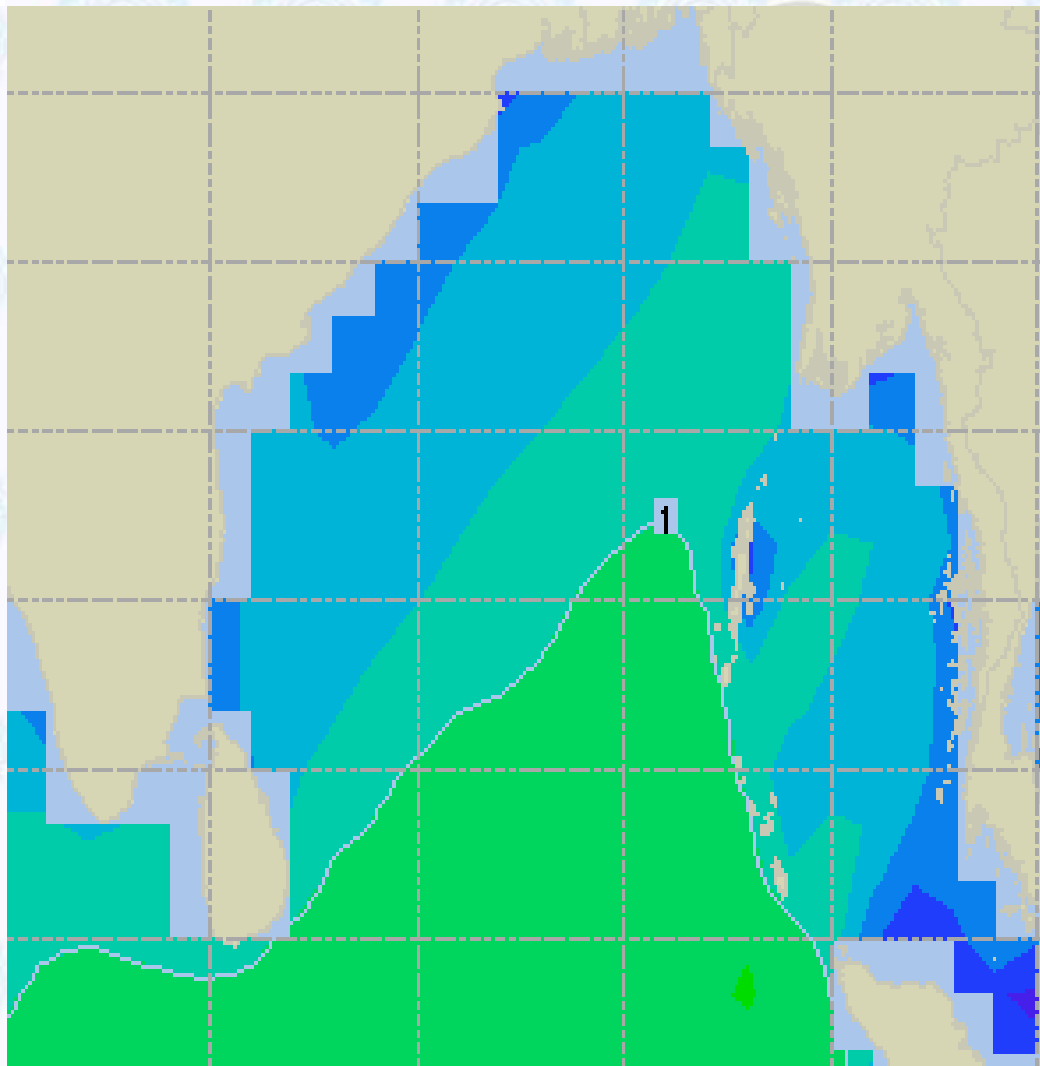
10 Knots



60 Knots



# Sea State Forecast - 20 Mar - 2020



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

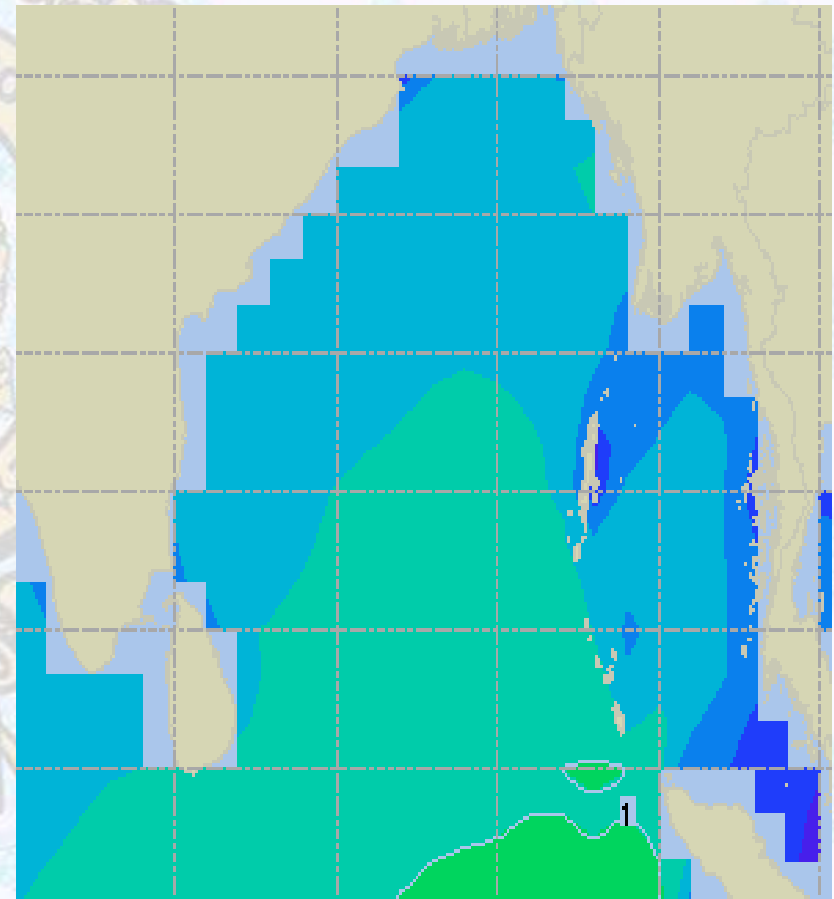
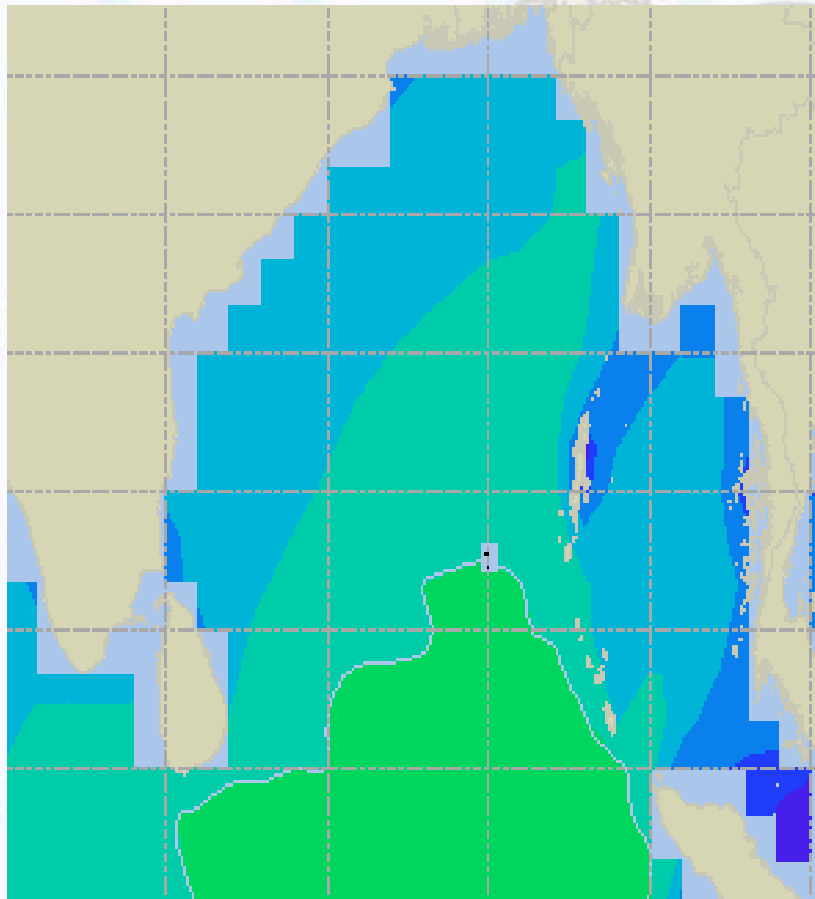




# Sea State Forecast - 21 & 22 Mar - 2020

21 Mar 2020 Saturday

22 Mar 2020 Sunday

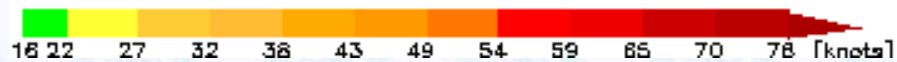
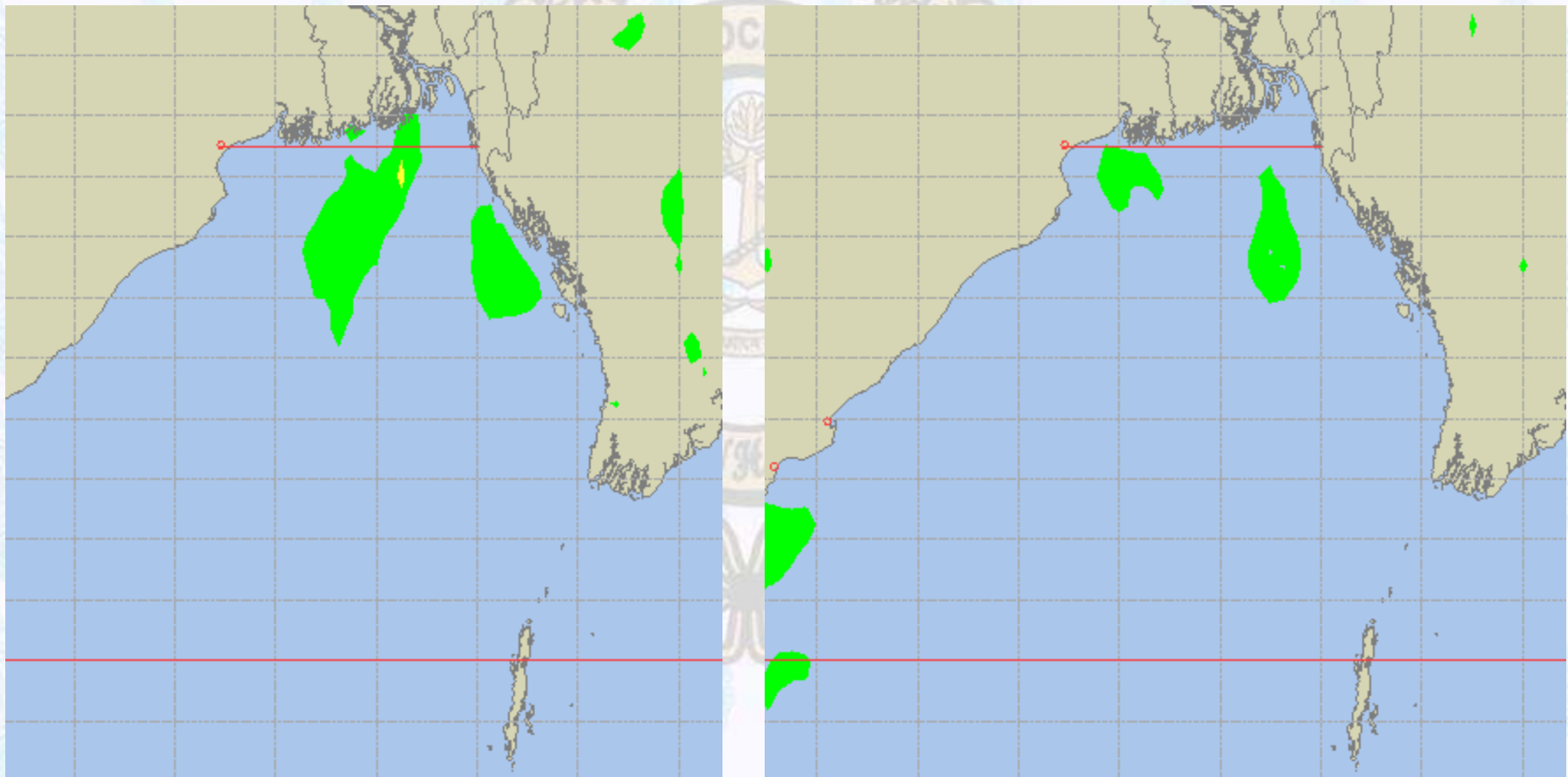




# Peak Gusting Possibilities – 20 & 21 Mar - 2020

20 Mar 2020 Friday

21 Mar 2020 Saturday



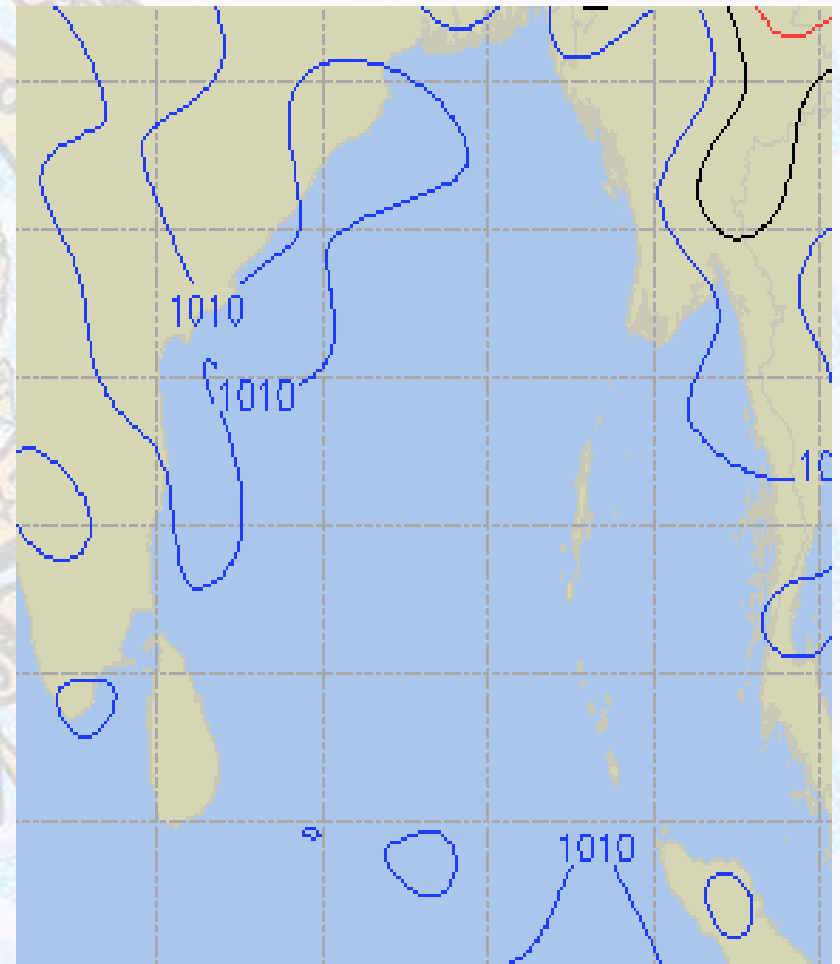
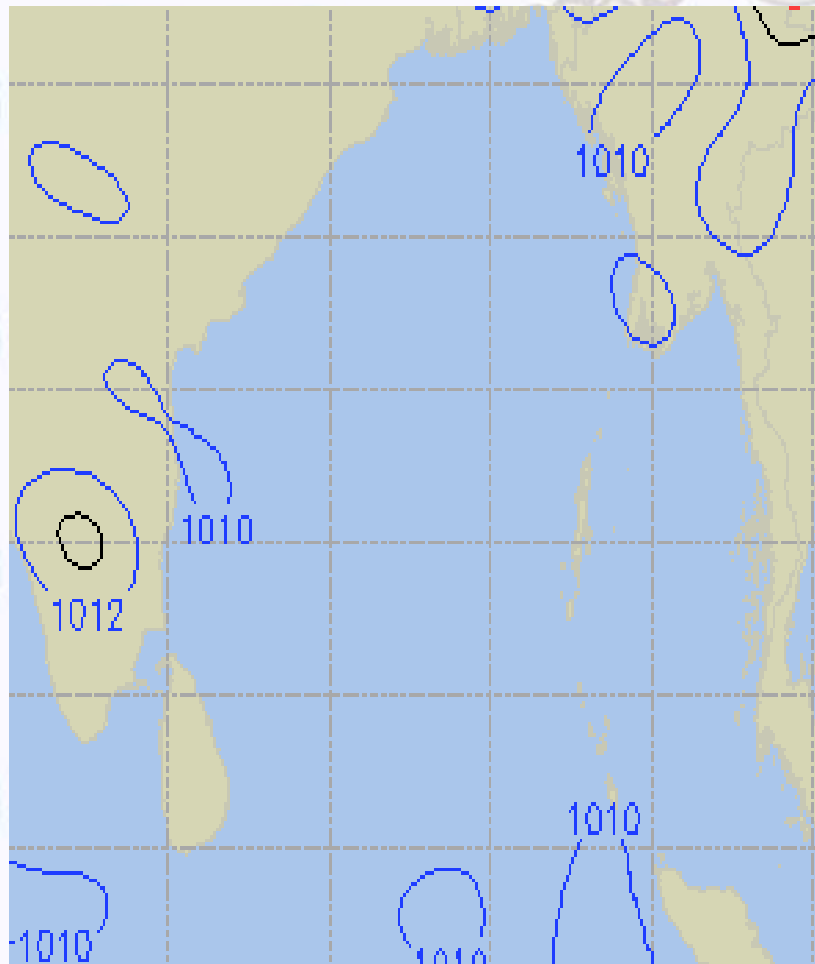




# Surface Pressure forecast – 20 & 21 Mar - 2020

20 Mar 2020 Friday

21 Mar 2020 Saturday

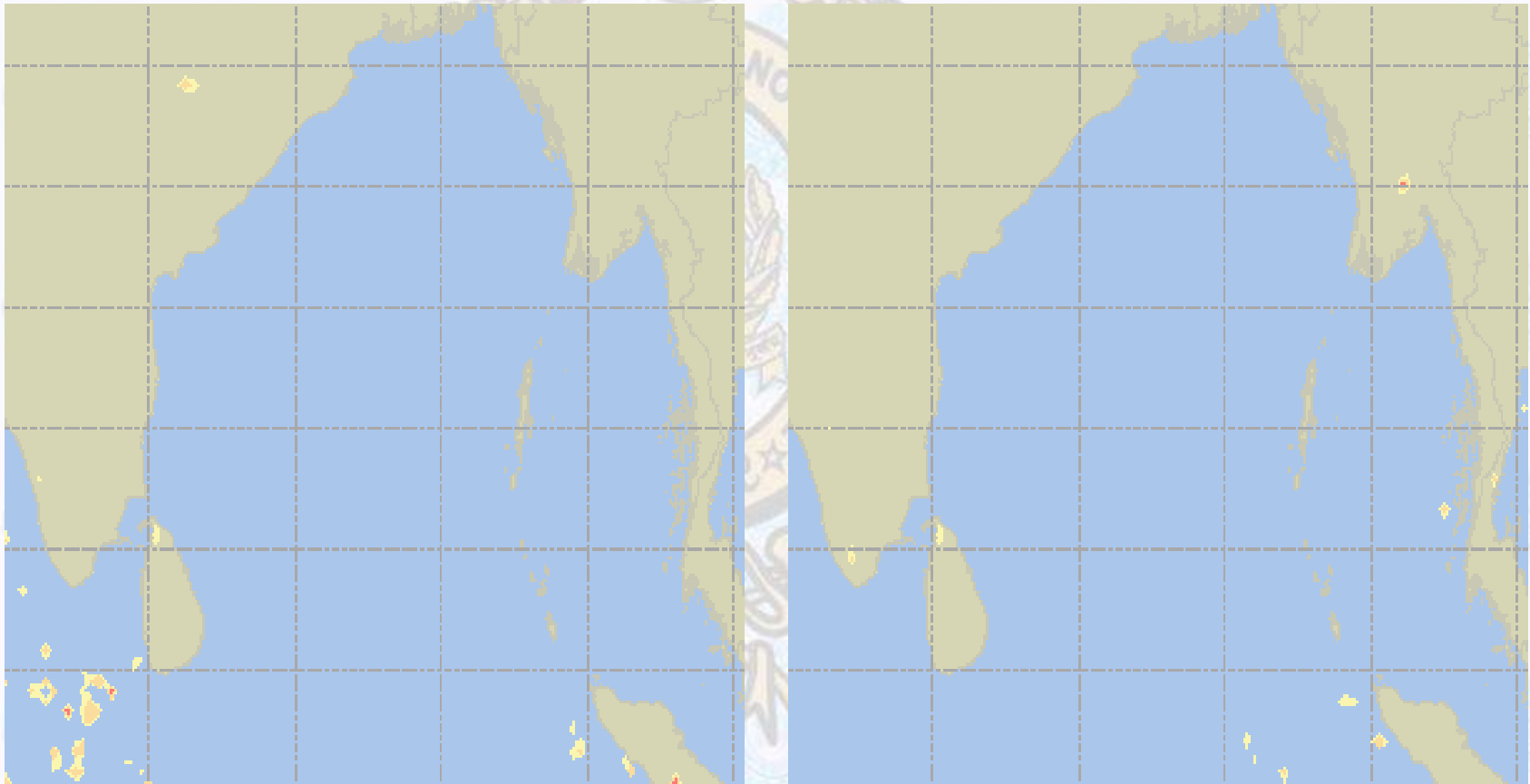




# Visibility at Sea Forecast – 20 & 21 Mar - 2020

20 Mar 2020 Friday

21 Mar 2020 Saturday



**Visibility Scale:**



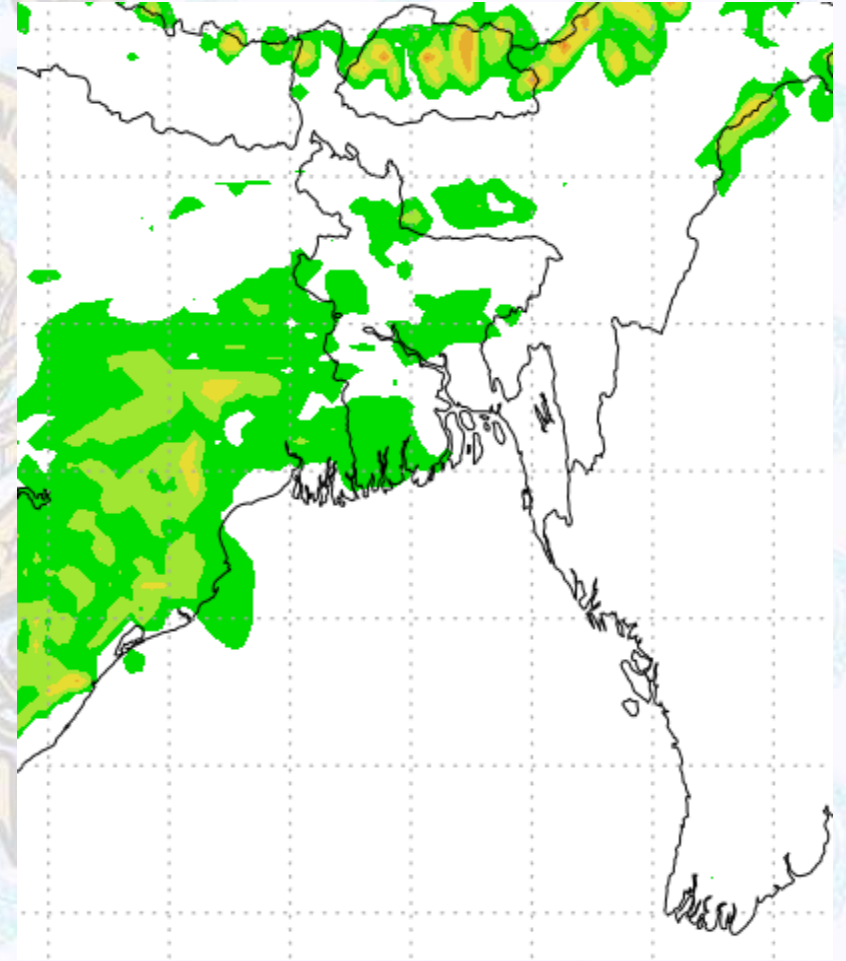
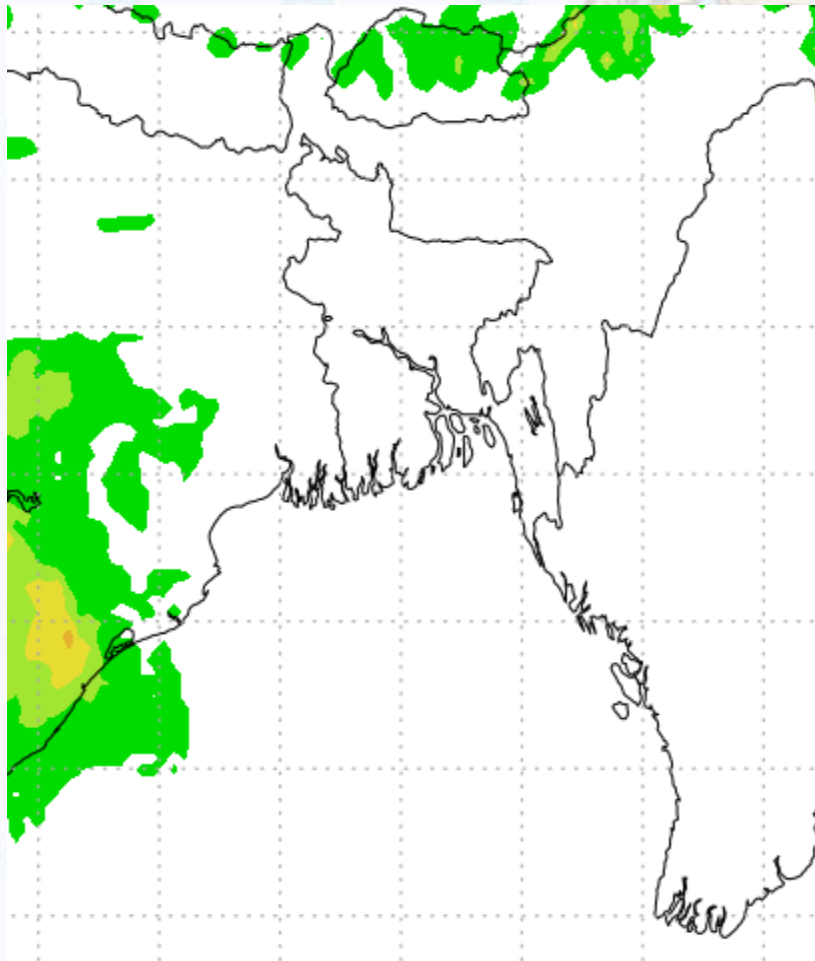
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 20 & 21 Mar 2020

Rain(mm) 21 & 22 Mar 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>20 Mar 2020</b>	0520	0.75		0233	0.80		0250	0.89
	1128	3.53		0827	2.25		0857	2.22
	1732	0.95		1450	0.76		1454	0.87
	2334	3.87		2045	2.61		2110	2.53
<b>21 Mar 2020</b>	Time	Height		Time	Height		Time	Height
	0606	0.59		0326	0.64		0333	0.71
	1208	3.77		0914	2.51		0936	2.41
	1816	0.77		1543	0.61		1538	0.72
	-	-		2129	2.83		2147	2.65
<b>22 Mar 2020</b>	Time	Height		Time	Height		Time	Height
	0012	4.03		0409	0.50		0408	0.57
	0642	0.50		0952	2.76		1009	2.57
	1239	3.96		1624	0.48		1614	0.59
	1851	0.65		2205	3.02		2218	2.73