



**WEATHER FORECAST FOR BN**

**13 - 16 MAR 2020**



# WEATHER FORECAST – DHAKA

## 13.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 18	34 / 18	28 / 19	26 / 19
Wind	10 km/h NNW	9 km/h NNW	8 km/h N	6 km/h N
Humidity	40%	39%	55%	64%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	7%	7%	15%	28%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 10 AM 6: 07 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 8.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 13.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 21	32 / 21	28 / 21	25 / 20
Wind	12 km/h WNW	13 km/h W	10 km/h WNW	7 km/h NW
Humidity	50%	53%	64%	74%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 04 AM 6: 02 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 13.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 21	33 / 20	28 / 20	28 / 21
Wind	8 km/h NNE	7 km/h NNW	5 km/h N	6 km/h N
Humidity	49%	46%	62%	73%
Chance of Precip.	1%	1%	9%	5%
Cloud Cover	5%	13%	26%	22%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 15 AM 6: 12 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	14 Mar 2020	15 Mar 2020	16 Mar 2020
<b>Temperature (C)</b>	35 °C/ 22 °C	33 °C/ 20 °C	33 °C/ 20 °C
<b>Summary</b>	Sunny/ Partly cloudy	Sunny	Sunny/ Partly cloudy
<b>Sun Rise/Set</b>	6h08m06s/18h07m42s	6h07m00s/18h07m36s	6h06m00s/18h08m06s
<b>Day Length</b>	11h57m30s	12h00m36s	12h02m36s
<b>Moon Rise/ Set</b>	11:09PM 9:36AM	- -	12:11PM 11:13AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 71%	Waning Gibbous, 97%	Last Quarter, 49%
<b>NauticalTwilight</b>	0519,1856	0518,1856	0517,1857
<b>Civil Twilight</b>	0545,1829	0544,1830	0543,1831
<b>Humidity</b>	D : 49% N : 53%	D : 53% N : 72%	D : 49% N : 57%
<b>Barometer (mb)</b>	1013	1012	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	10%	10%
<b>Wind (mph)</b>	18 Km/h NNW	15 Km/h NW	14 Km/h NW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	14 Mar 2020	15 Mar 2020	16 Mar 2020
<b>Temperature (C)</b>	34°C/ 22°C	33°C/ 22°C	32°C/ 21°C
<b>Summary</b>	Sunny	Sunny/ Partly cloudy	Sunny
<b>Sun Rise/Set</b>	6h02m06s/18h01m42s	6h01m06s/18h02m00s	6h00m00s/18h02m24s
<b>Day Length</b>	11h59m36s	12h00m54s	12h02m24s
<b>Moon Rise/ Set</b>	11:01PM 9:32AM	- -	12:02PM 11:10AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 71%	Waning Gibbous, 97%	Last Quarter, 49%
<b>Nautical Twilight</b>	0514, 1850	0513, 1850	0512, 1850
<b>Civil Twilight</b>	0539, 1824	0539, 1824	0538, 1824
<b>Humidity</b>	D : 57% N : 74%	D : 60% N : 76%	D : 58% N : 68%
<b>Barometer (mb)</b>	1013	1011	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1 %	1 %	1 %
<b>Wind (mph)</b>	14 Km/h NW	14 Km/h NW	12 Km/h NW

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





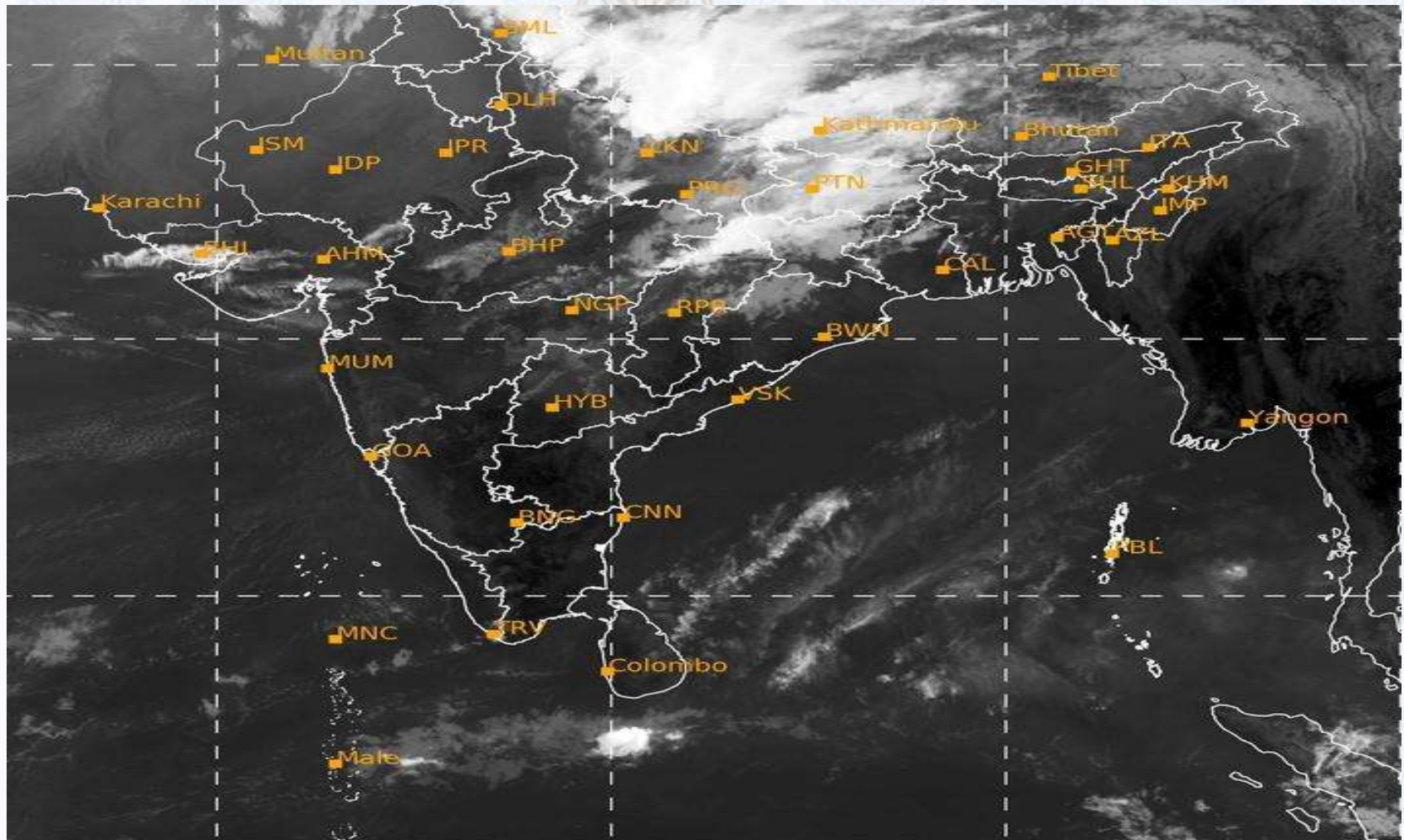
# GENERAL WEATHER FORECAST – KHULNA

Description	14 Mar 2020	15 Mar 2020	16 Mar 2020
<b>Temperature(C)</b>	34°C/ 21°C	32°C/ 21°C	33°C/ 21°C
<b>Summary</b>	Sunny	Sunny/ Partly cloudy	Sunny
<b>Sun Rise/Set</b>	6h11m24s/18h10m48s	6h10m18s/18h11m06s	6h09m12s/18h11m30s
<b>Day Length</b>	11h59m24s	12h00m18s	12h02m18s
<b>Moon Rise/Set</b>	11:12PM 9:42AM	- -	12:02PM 11:10AM
<b>Moon Phase/illu</b>	Waning Gibbous, 71%	Waning Gibbous, 97%	Last Quarter, 49%
<b>Nautical Twilight</b>	0523, 1859	0522, 1859	0521, 1860
<b>Civil Twilight</b>	0549, 1833	0548, 1833	0547, 1834
<b>Humidity</b>	D : 56%    N : 75%	D : 59%    N : 79%	D : 56%    N : 72%
<b>Barometer (mb)</b>	1013	1012	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	1%	11%	10%
<b>Wind (mph)</b>	16 km/h N	13 km/h NNW	11 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



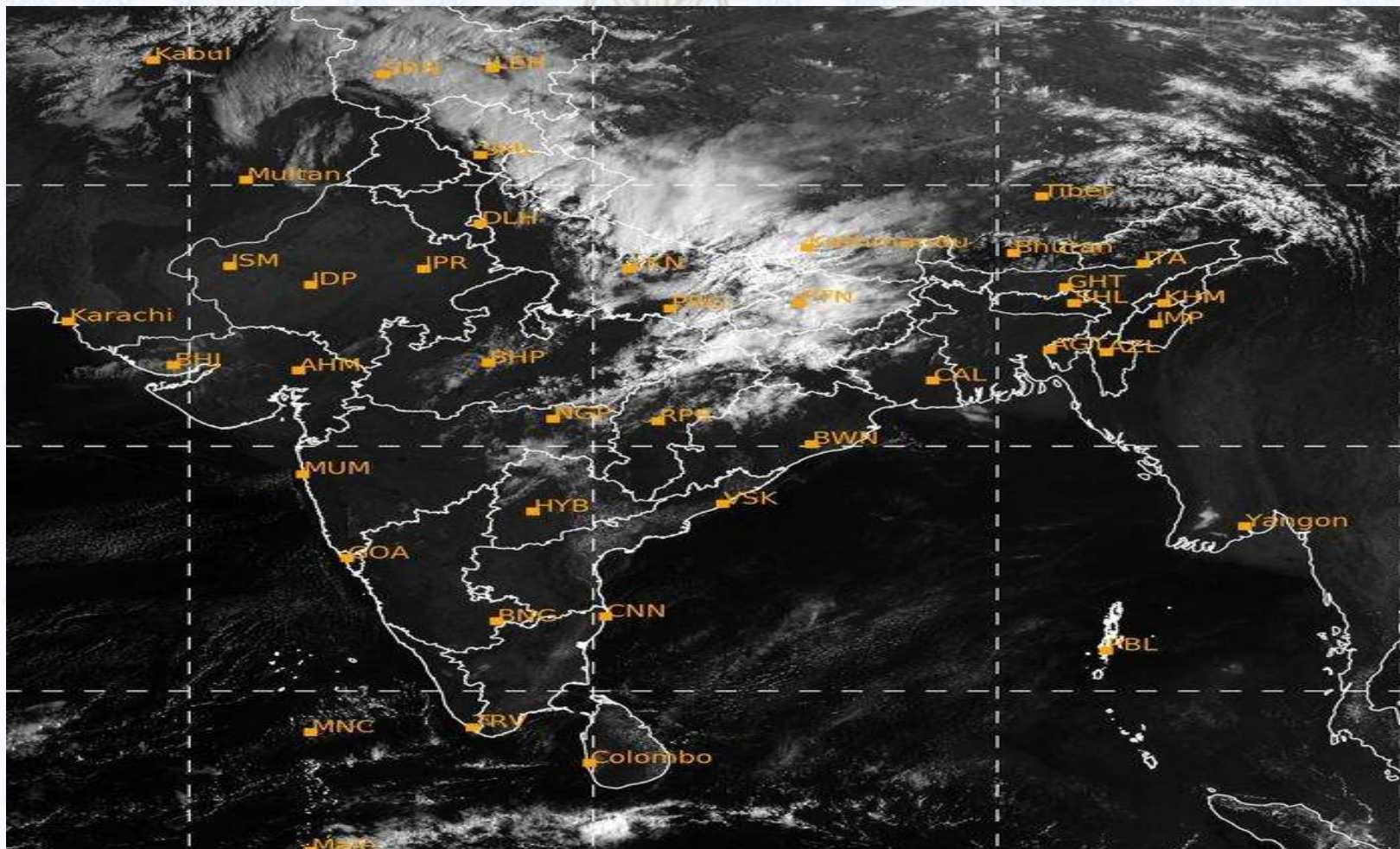
13/03/2020, 10:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



13/03/2020, 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 13.03.2020)

<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, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =13,0000 UTC. CHATTOGRAM =1014 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 13.03.2020)

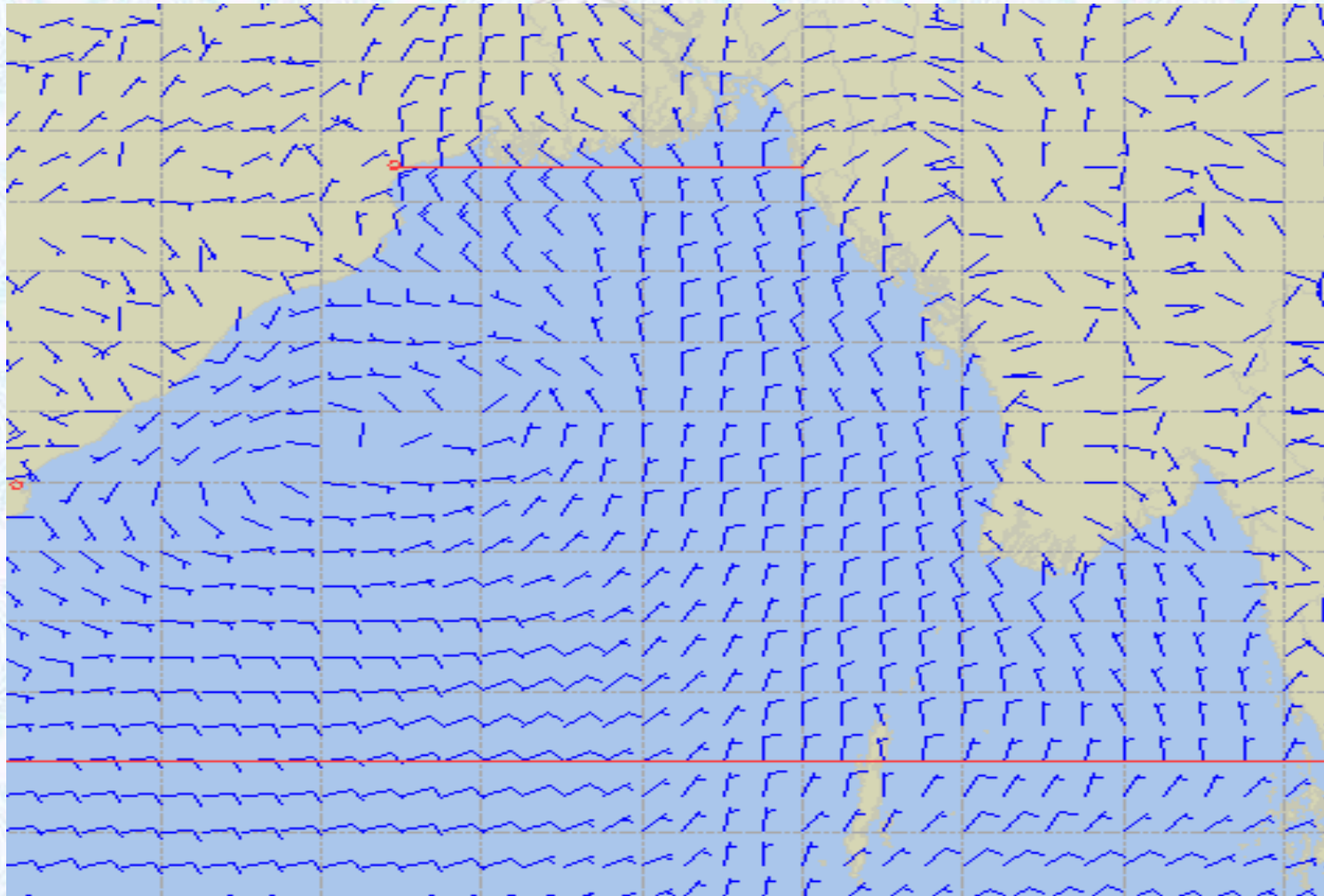
THERE IS NO INLAND RIVERPORT WARNING & NO SIGNAL IS TO BE HOISTED



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



# Surface Wind Forecast- 14 Mar - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

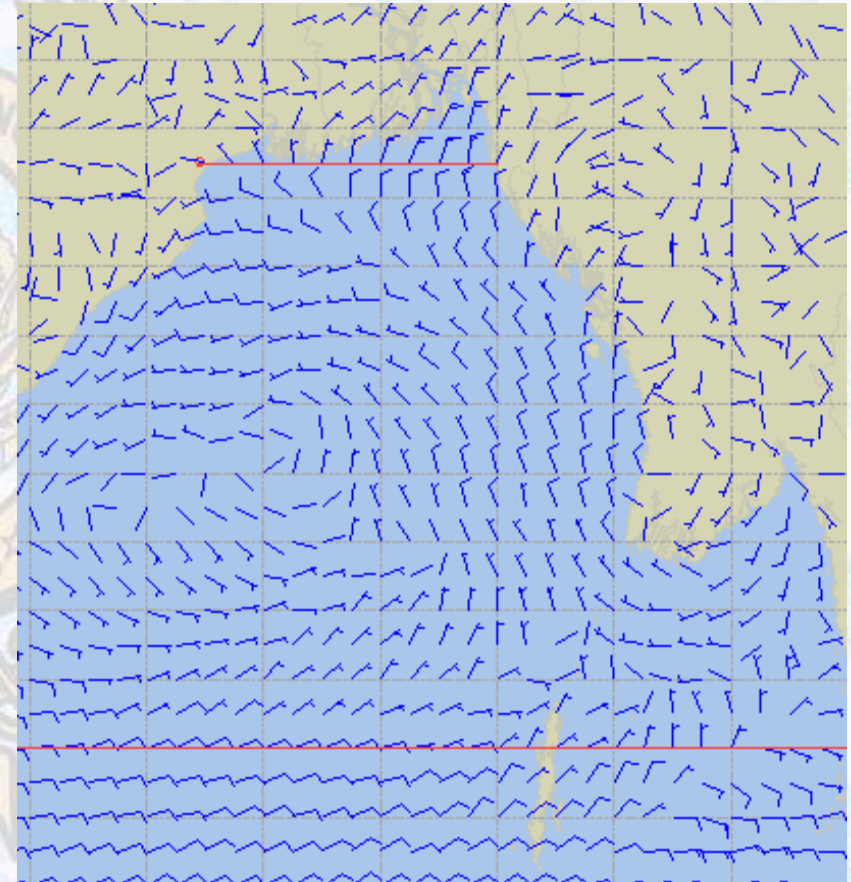
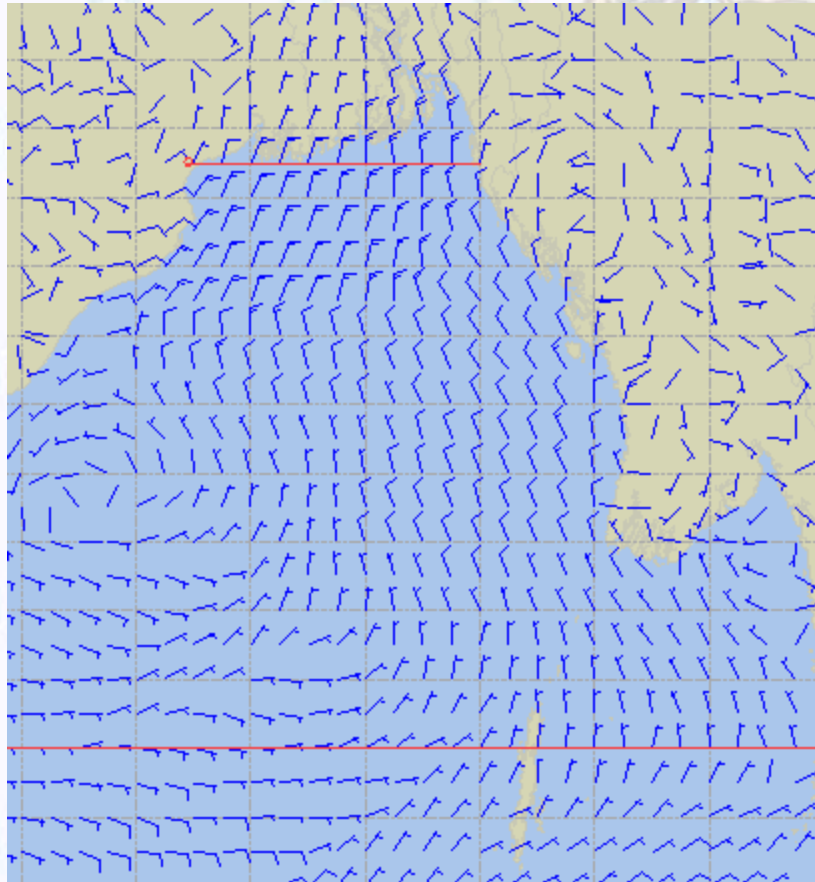




# Surface Wind Forecast – 15 & 16 Mar - 2020

15 Mar 2020 Sunday

16 Mar 2020 Monday



**Legend:**



Calm  
Winds



5 Knots



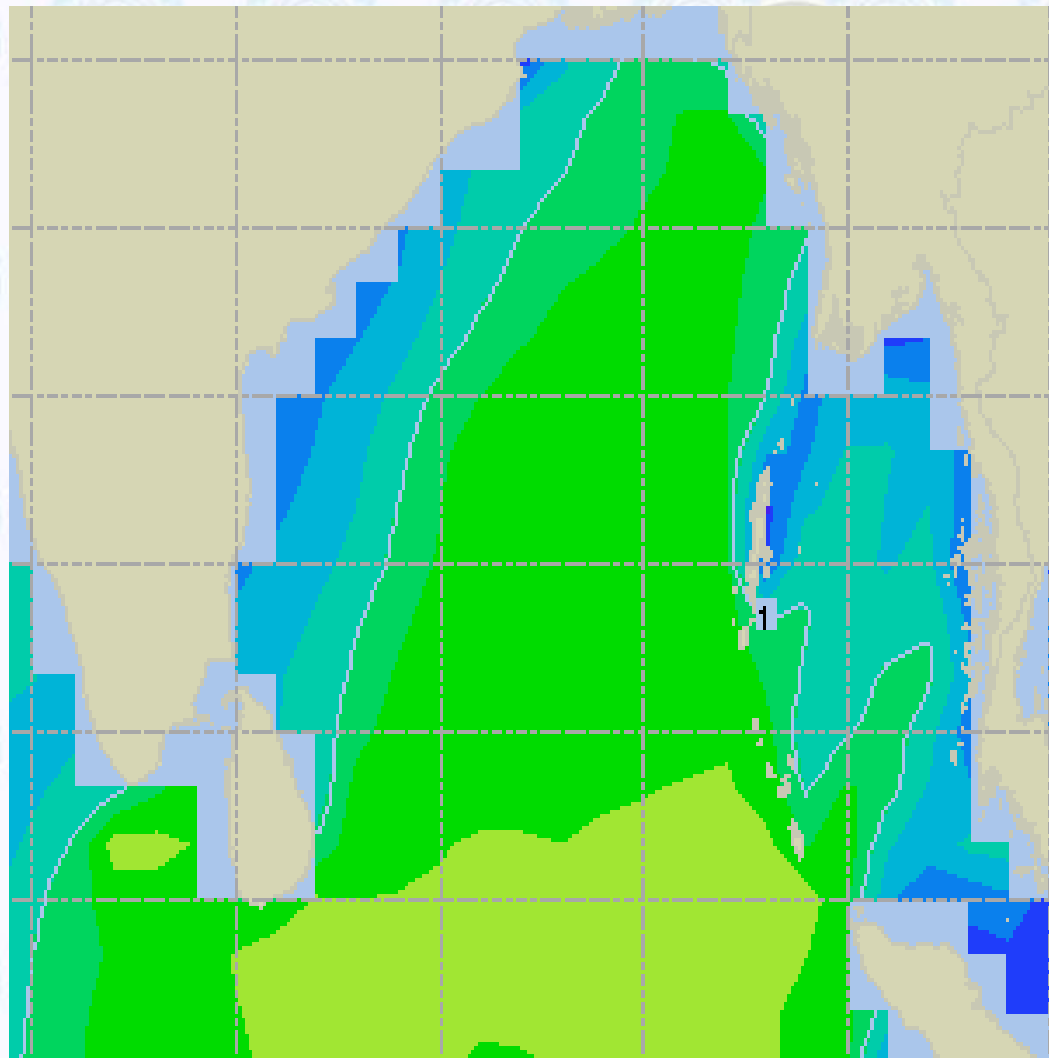
10 Knots



60 Knots



# Sea State Forecast - 14 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



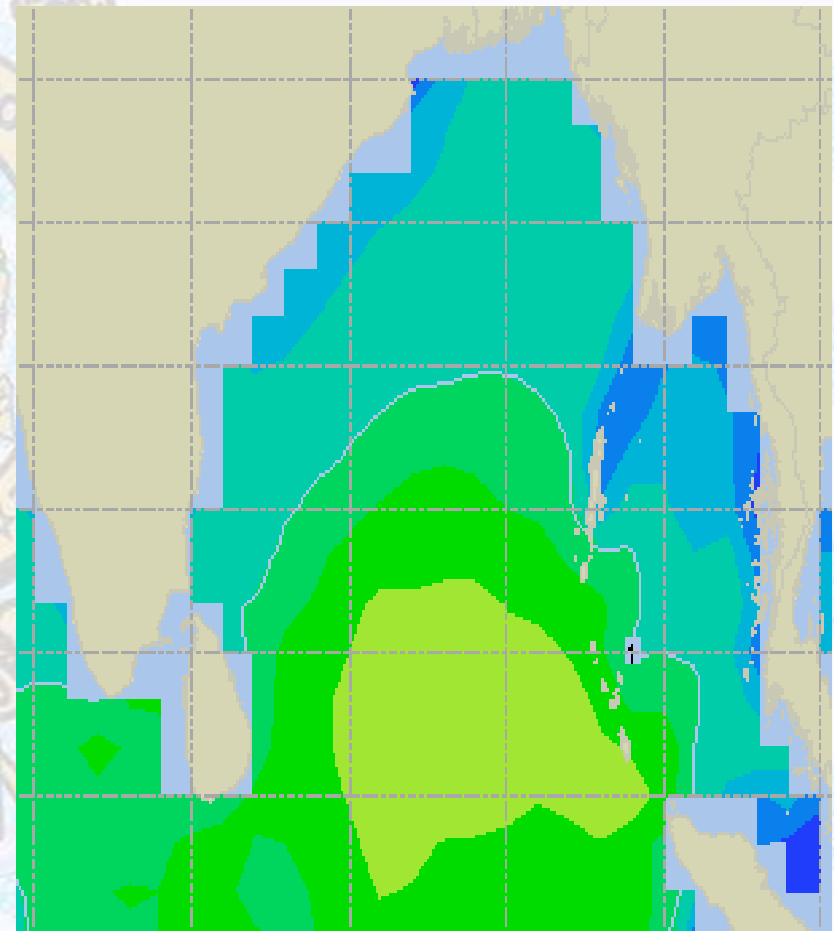
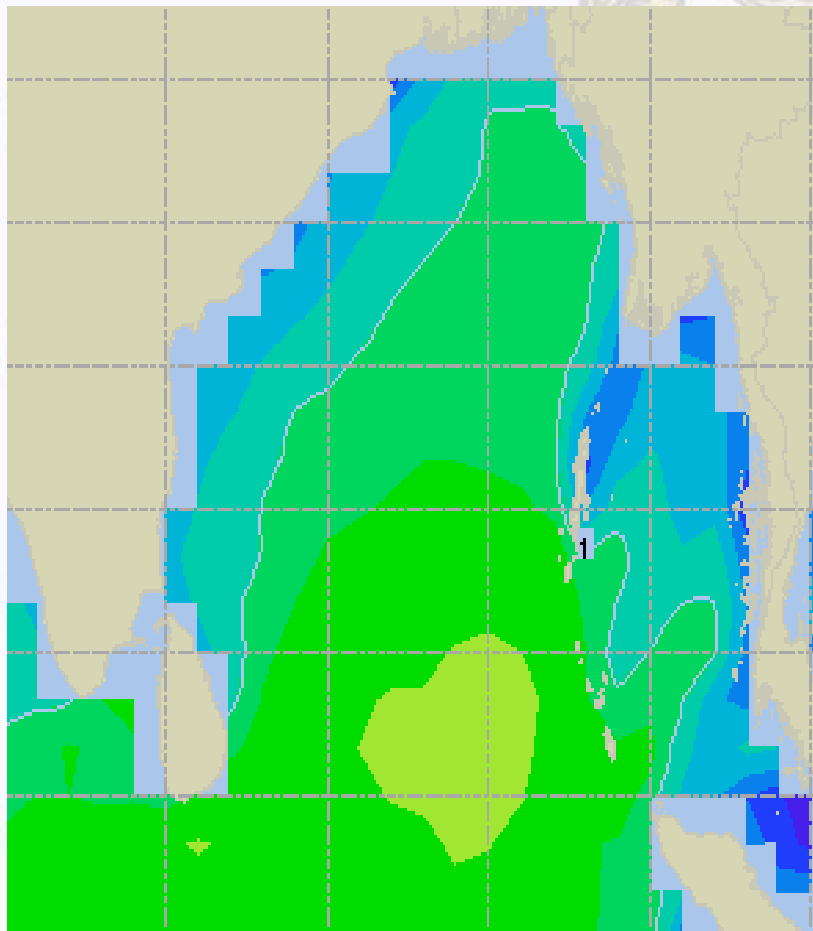




# Sea State Forecast - 15 & 16 Mar - 2020

15 Mar 2020 Sunday

16 Mar 2020 Monday

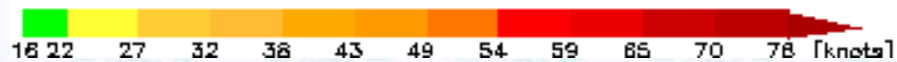
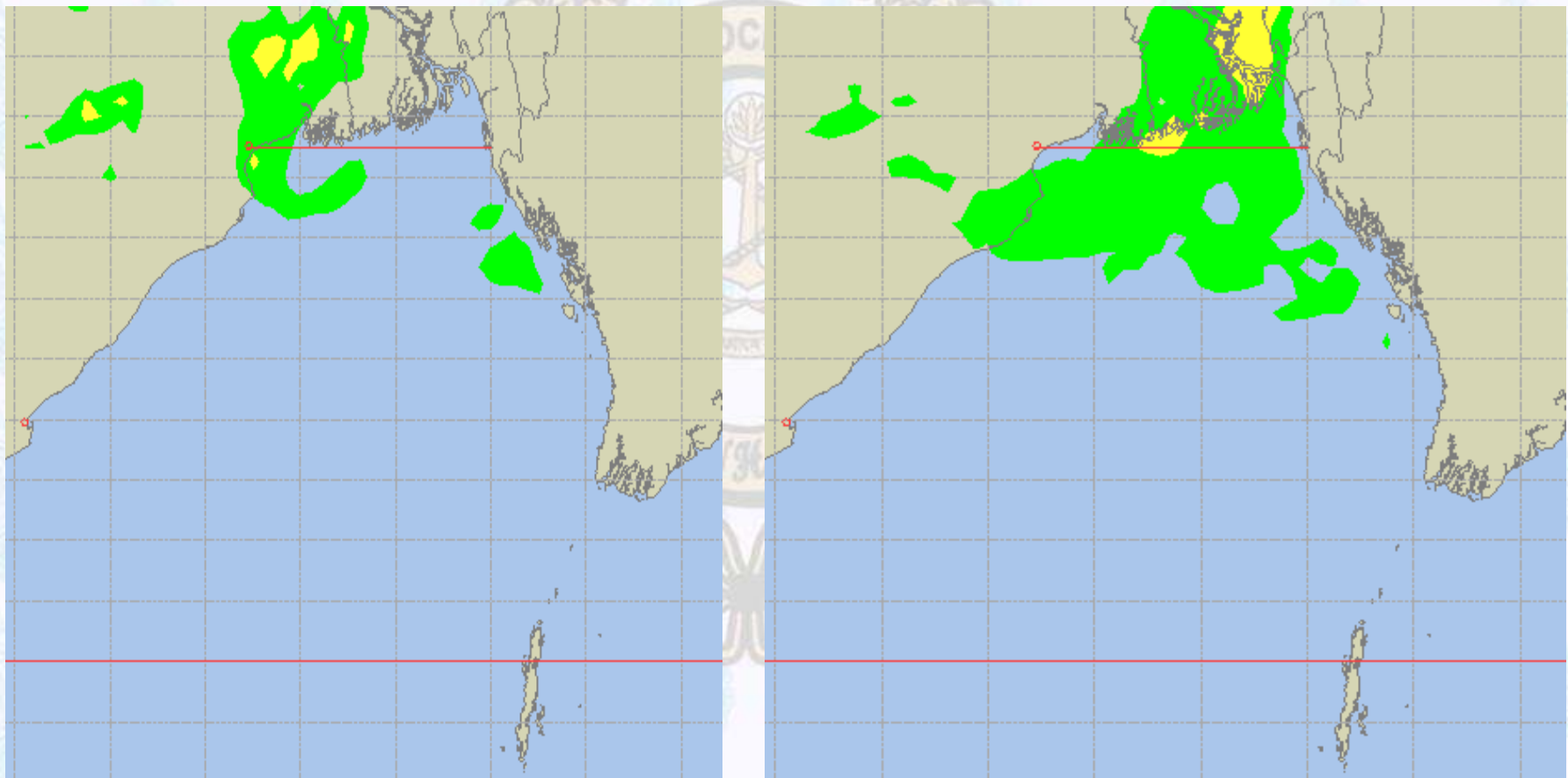




# Peak Gusting Possibilities – 14 & 15 Mar - 2020

14 Mar 2020 Saturday

15 Mar 2020 Sunday



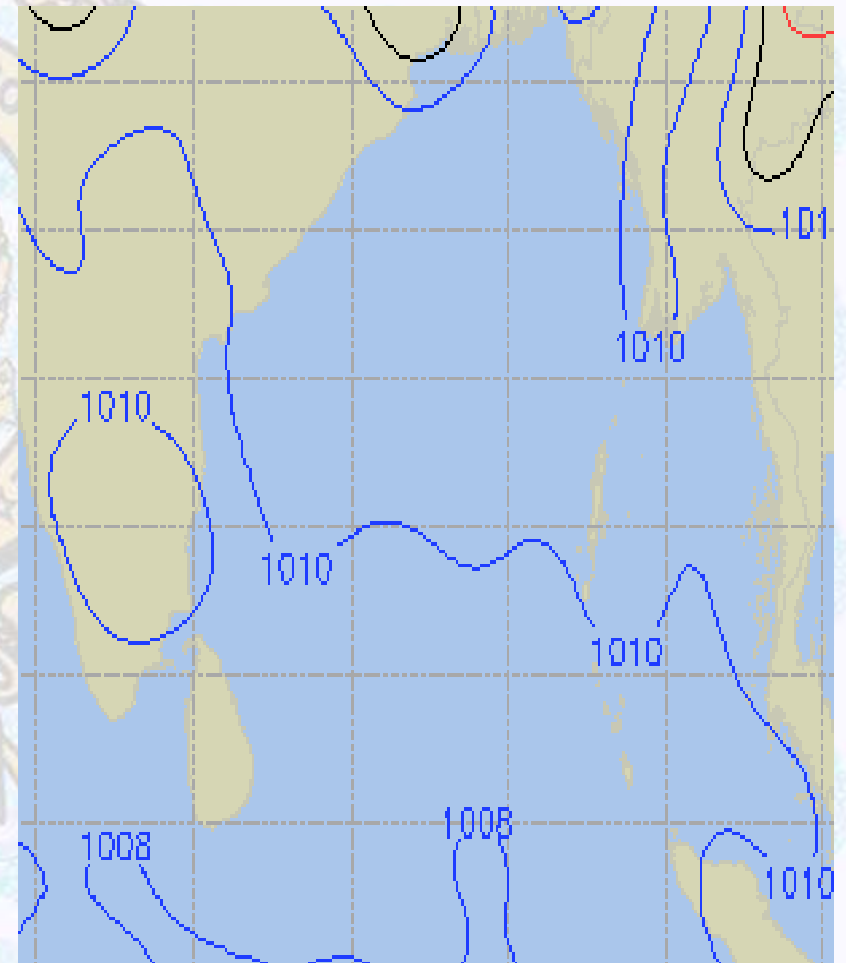
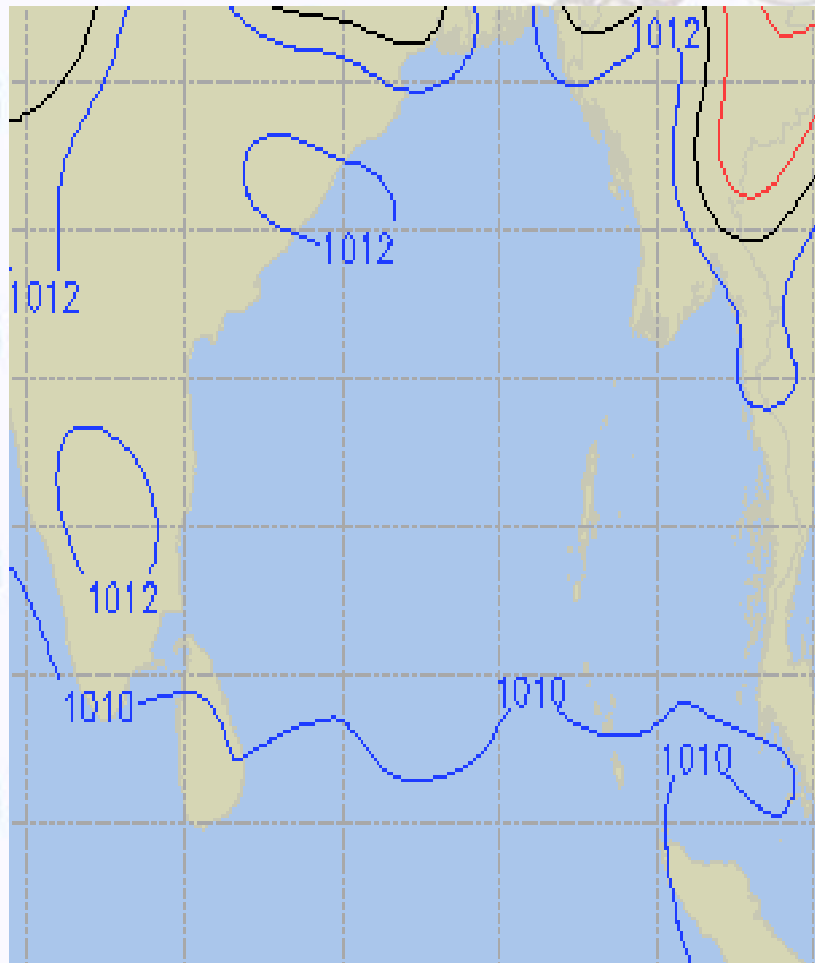




# Surface Pressure forecast – 14 & 15 Mar - 2020

14 Mar 2020 Saturday

15 Mar 2020 Sunday

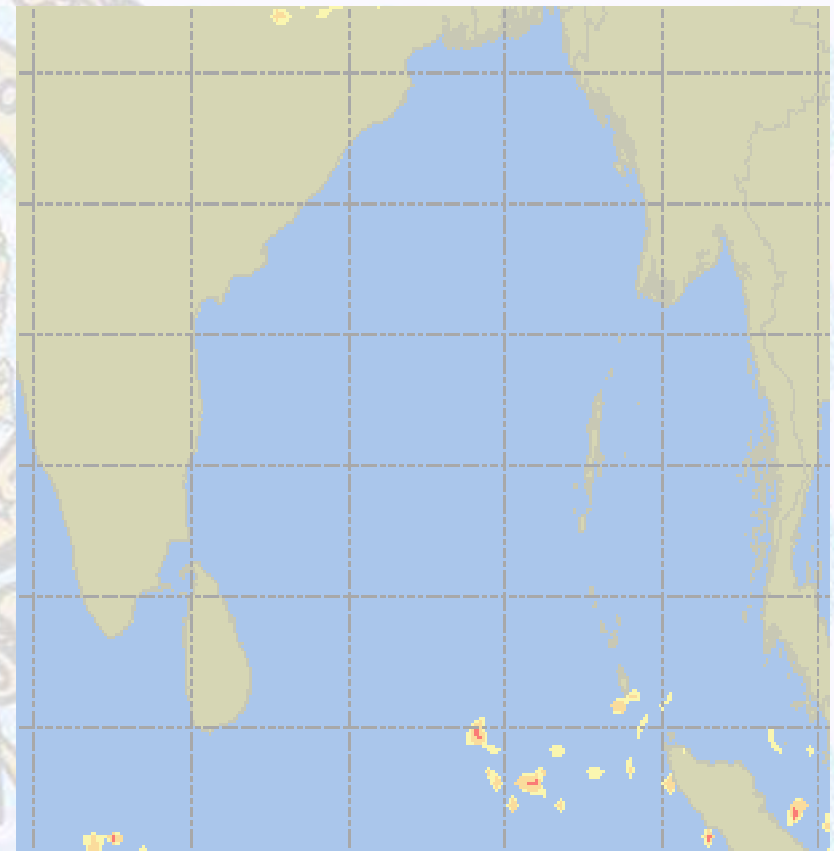
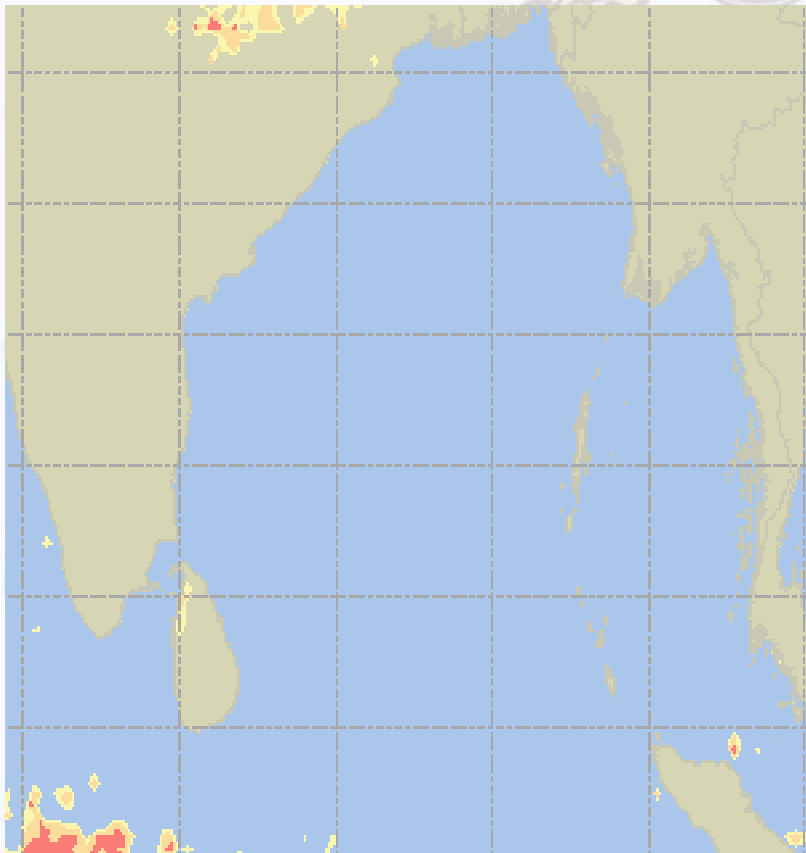




# Visibility at Sea Forecast – 14 & 15 Mar - 2020

14 Mar 2020 Saturday

15 Mar 2020 Sunday



**Visibility Scale:**



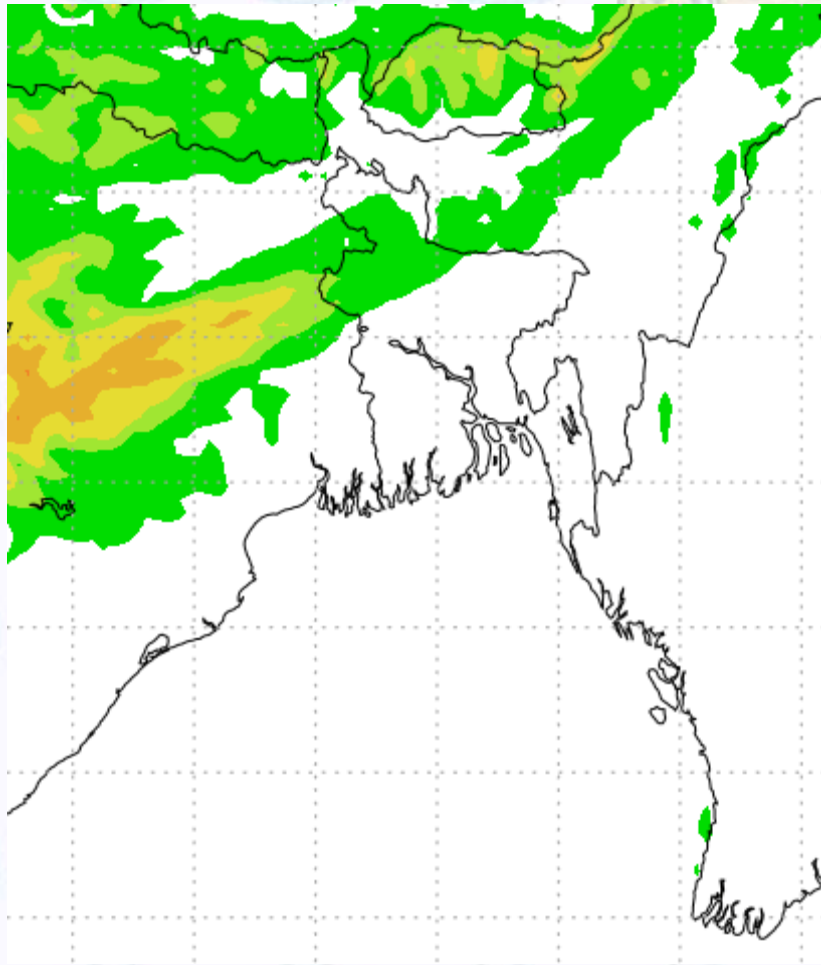
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



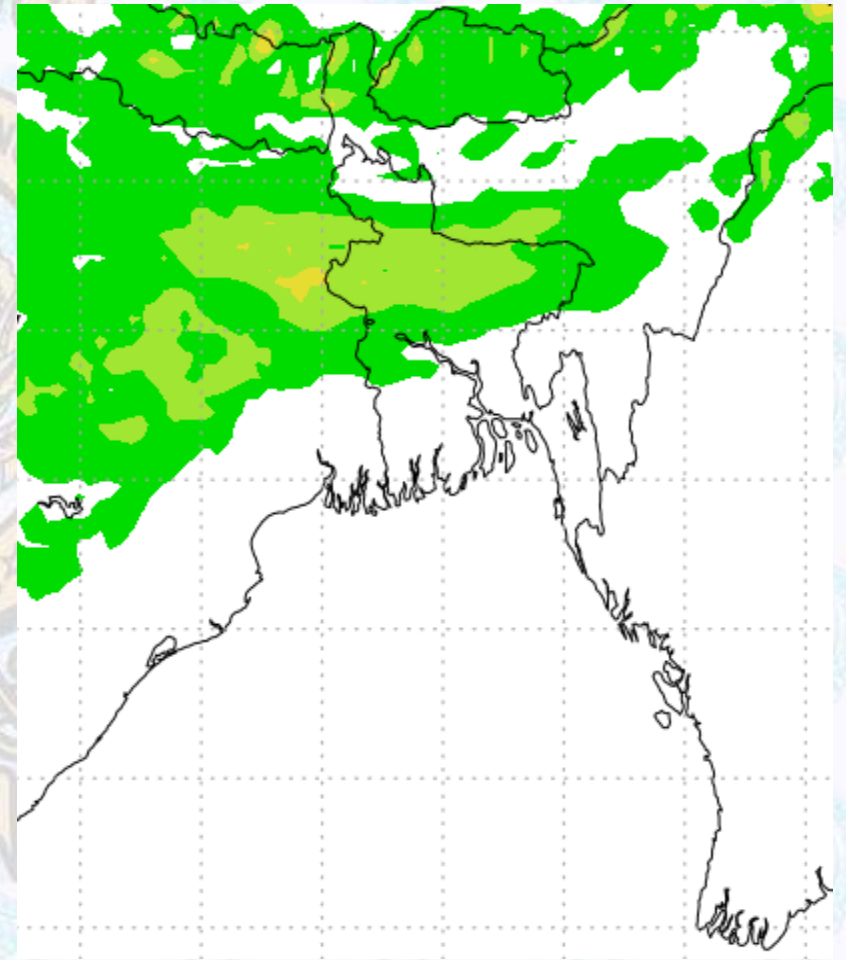


# Precipitation

Rain(mm) 14 & 15 Mar 2020



Rain(mm) 15 & 16 Mar 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0352		4.18			0128	3.19
<b>14 Mar 2020</b>	1027	0.32		0805	0.16		0746	0.33
	1624	4.22		1353	3.08		1357	2.72
	2258	0.59		2028	0.34		2014	0.63
<b>15 Mar 2020</b>	Time	Height		Time	Height		Time	Height
	0446	3.81		0213	2.87		0208	2.44
	1113	0.62		0845	0.37		0826	0.58
	1722	3.94		1441	2.81		1444	2.52
	2357	0.87		2113	0.55		2105	0.89
<b>16 Mar 2020</b>	Time	Height		Time	Height		Time	Height
	0553	3.41		0302	2.53		0256	2.18
	1212	0.97		0931	0.59		0915	0.85
	1835	3.65		1535	2.54		1544	2.31
	-	-		2208	0.77		2220	1.13