



# **WEATHER FORECAST FOR BN**

**26 - 29 MAR 2020**





# WEATHER FORECAST – DHAKA

## 26.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 17	33 / 17	27 / 18	25 / 19
Wind	7 km/h W	6 km/h W	3 km/h ESE	3 km/h SSW
Humidity	33%	40%	56%	66%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	8%	4%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 57 AM 6: 13 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 8.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 26.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 21	29 / 21	27 / 23	25 / 24
Wind	7 km/h WSW	11 km/h WSW	14 km/h WSW	14 km/h W
Humidity	58%	66%	79%	90%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	3%	0%	4%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 52 AM 6: 06 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 26.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 19	32 / 19	28 / 22	26 / 23
Wind	5 km/h W	9 km/h W	11 km/h SSW	9 km/h SW
Humidity	51%	53%	74%	86%
Chance of Precip.	4%	10%	3%	6%
Cloud Cover	10%	16%	4%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 02 AM 6: 16 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	27 Mar 2020	28 Mar 2020	29 Mar 2020
<b>Temperature (C)</b>	37°C/ 24°C	38°C/ 24°C	37°C/ 25°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h55m00s/18h12m54s	5h54m12s/18h13m18s	5h53m10s/18h14m00s
<b>Day Length</b>	12h17m54s	12h19m06s	12h19m06s
<b>Moon Rise/ Set</b>	7:43AM 8:42PM	8:17AM 9:34PM	8:55AM 10:28PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 10%	Waxing Crescent, 17%	Waxing Crescent, 25%
<b>Nautical Twilight</b>	0506,1901	0505,1901	0505,1900
<b>Civil Twilight</b>	0532,1835	0531,1835	0531,1834
<b>Humidity</b>	D : 44%    N : 66%	D : 41%    N : 63%	D : 40%    N : 61%
<b>Barometer (mb)</b>	1009	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	12 Km/h WSW	16 Km/h WSW	10 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Mar 2020	28 Mar 2020	29 Mar 2020
<b>Temperature (C)</b>	30°C/ 23°C	31°C/ 24°C	31°C/ 25°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h49m42s/18h06m48s	5h48m54s/18h07m06s	5h47m35s/18h08m02s
<b>Day Length</b>	12h17m06s	12h18m12s	12h13m48s
<b>Moon Rise/ Set</b>	7:38AM 8:34PM	8:13AM 9:26PM	8:51AM 10:19PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 10%	Waxing Crescent, 17%	Waxing Crescent, 25%
<b>NauticalTwilight</b>	0501, 1854	0500, 1855	0500, 1854
<b>Civil Twilight</b>	0527, 1828	0526, 1829	0525, 1829
<b>Humidity</b>	D : 82% N : 97%	D : 77% N : 92%	D : 70% N : 91%
<b>Barometer (mb)</b>	1011	1011	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	13 Km/h SSW	12 Km/h SSW	13 Km/h SSW

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





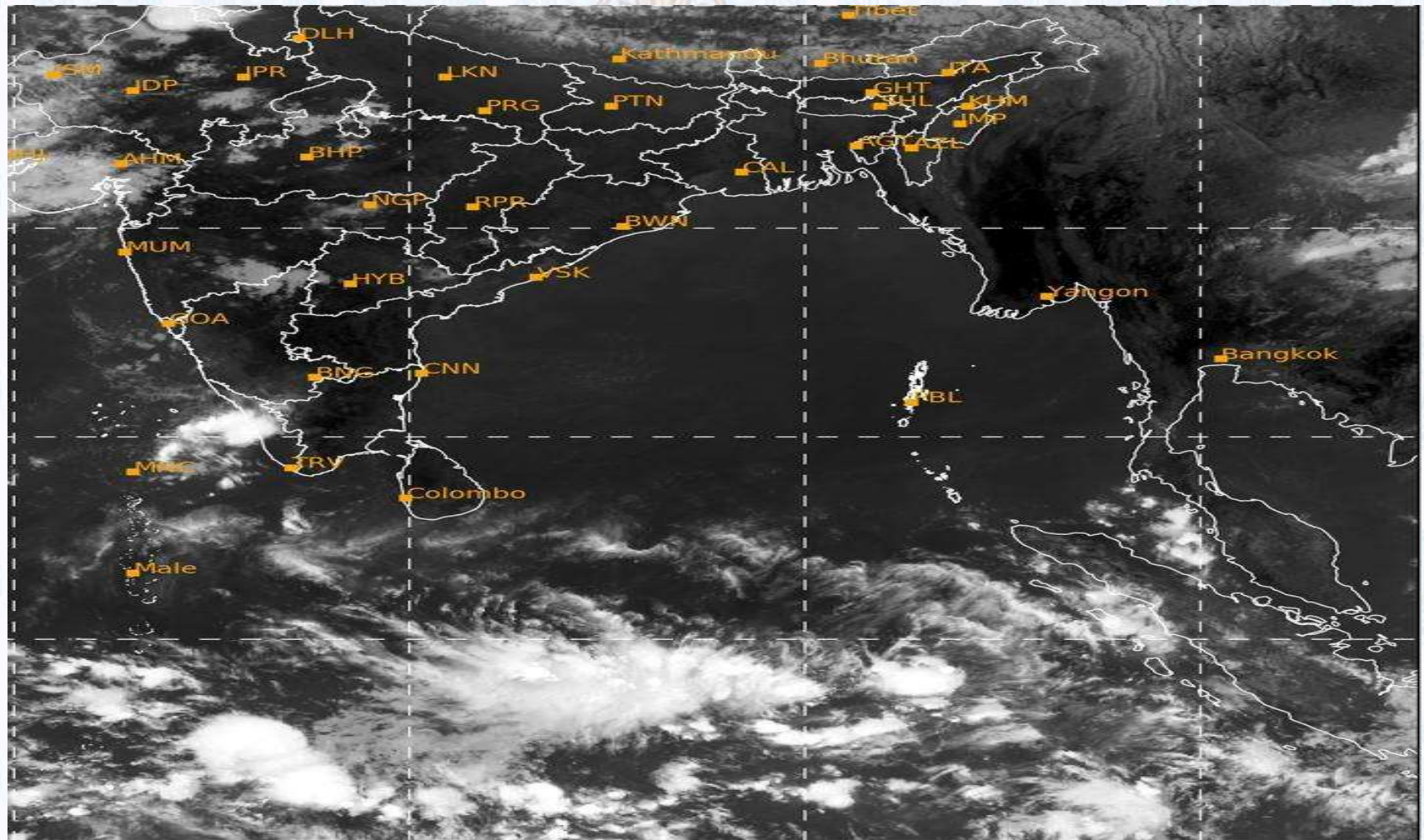
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Mar 2020	28 Mar 2020	29 Mar 2020
<b>Temperature(C)</b>	37°C/ 23°C	37°C/ 24°C	37°C/ 24°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h58m42s/18h16m06s	5h57m54s/18h16m24s	5h56m30s/18h15m00s
<b>Day Length</b>	12h17m24s	12h18m30s	12h18m02s
<b>Moon Rise/Set</b>	7:48AM 8:45PM	8:23AM 9:37PM	9:02AM 10:30PM
<b>Moon Phase/illu</b>	Waxing Crescent, 10%	Waxing Crescent, 17%	Waxing Crescent, 25%
<b>Nautical Twilight</b>	0510, 1904	0509, 1904	0509, 1903
<b>Civil Twilight</b>	0536, 1838	0535, 1838	0535, 1837
<b>Humidity</b>	D : 50%    N : 73%	D : 47%    N : 68%	D : 45%    N : 61%
<b>Barometer (mb)</b>	1010	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	0%	0%
<b>Wind (mph)</b>	12 km/h W	12 km/h WNW	11 km/h WNW

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



# SATELLITE VIEW OF BAY OF BENGAL



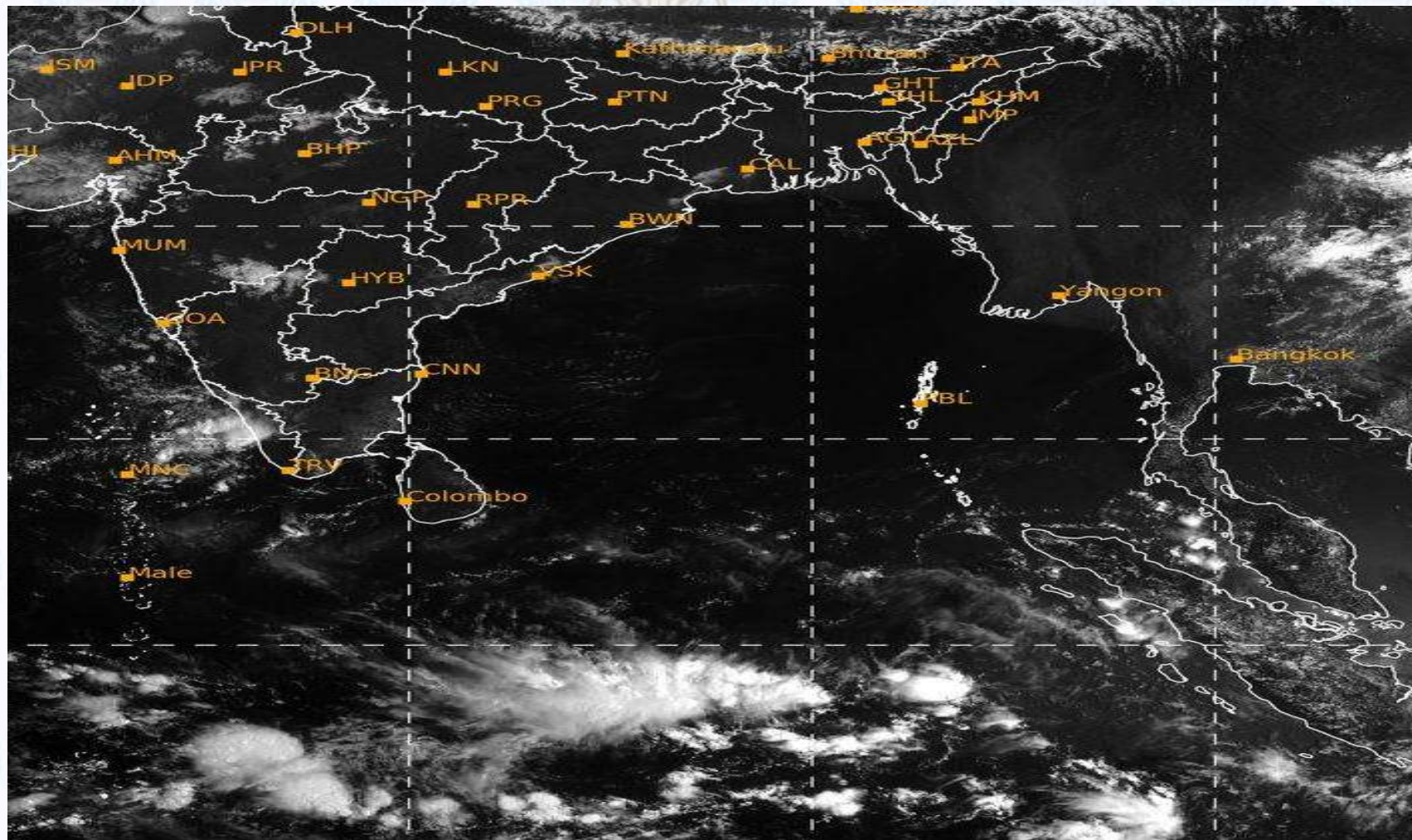
26/03/2020, 10:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/03/2020, 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 26.03.2020)

<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 =26,0000 UTC. CHATTOGRAM =1012HPA





# Inland River Port Warning (VALID TILL 06 PM OF 26.03.2020)

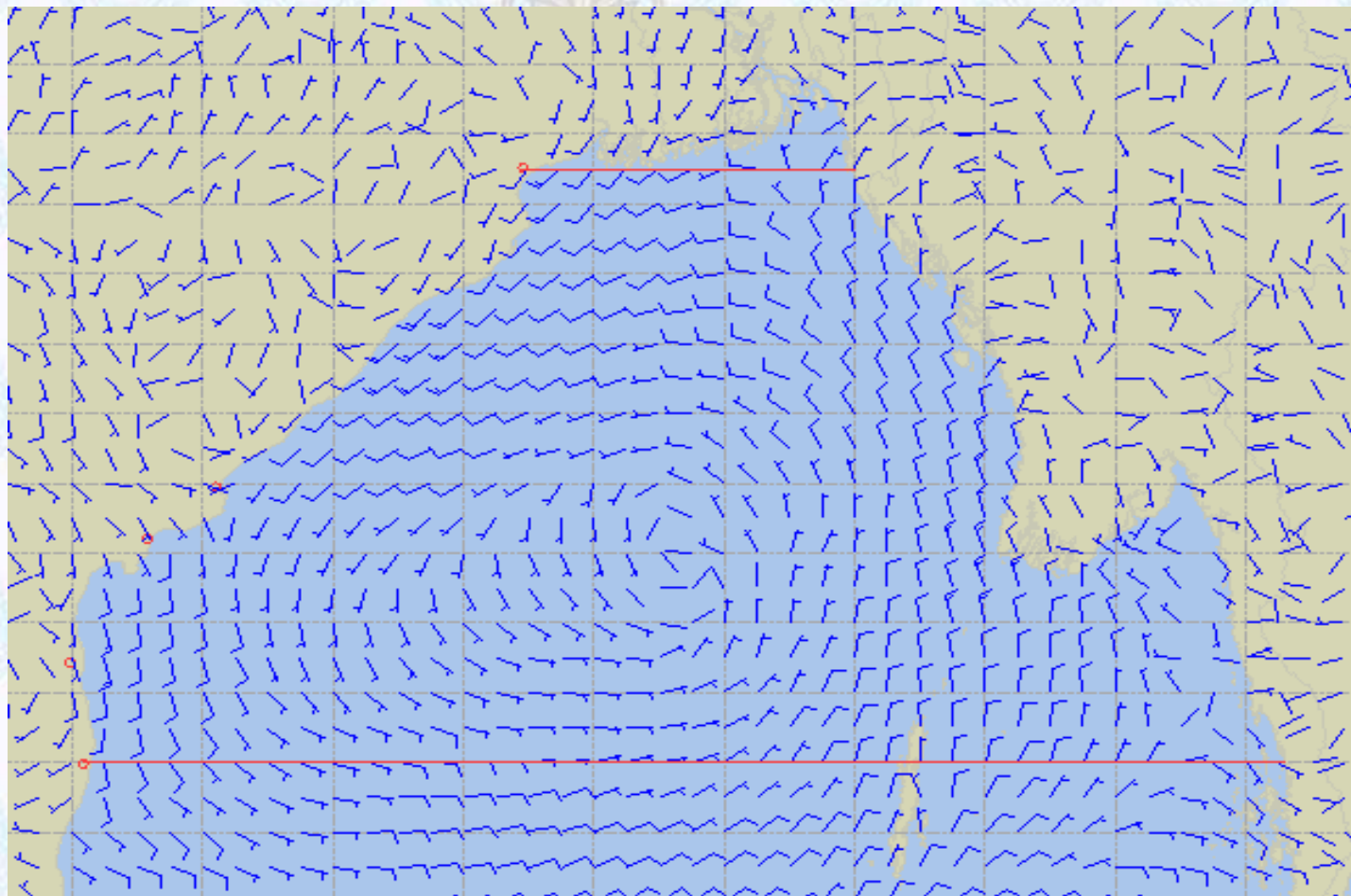
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 27 Mar - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

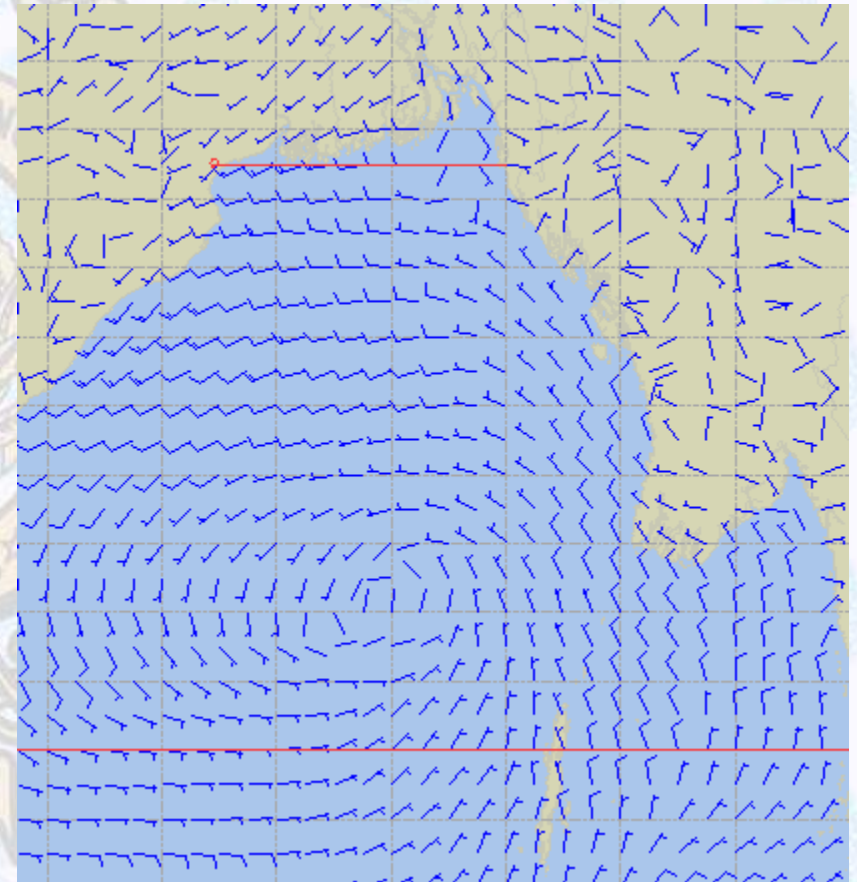
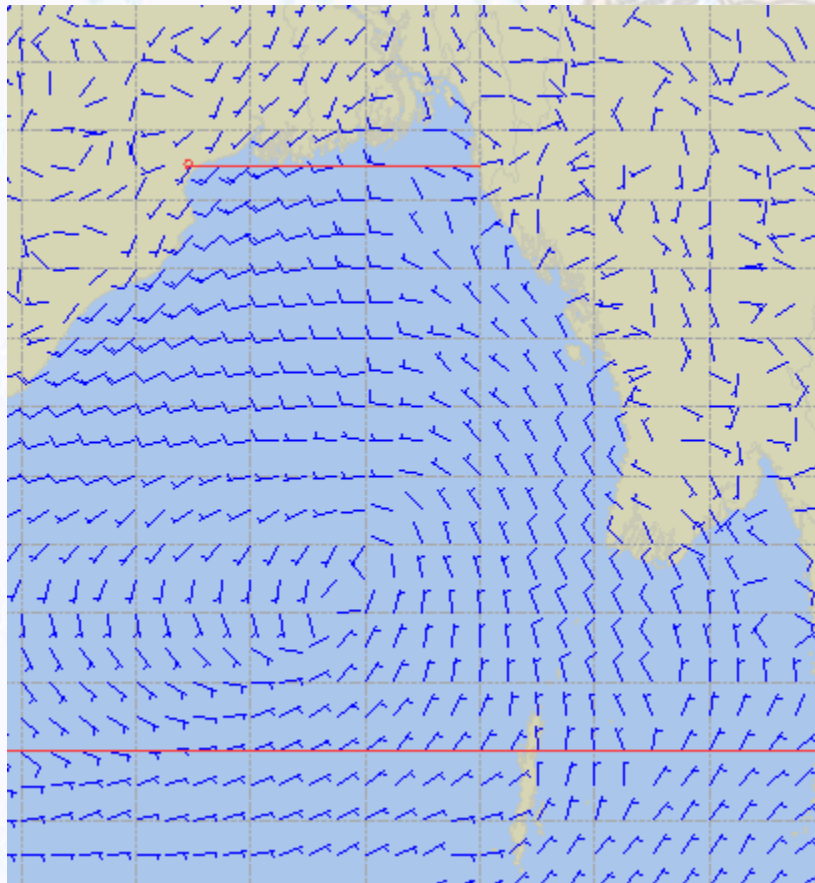




# Surface Wind Forecast – 28 & 29 Mar - 2020

28 Mar 2020 Saturday

29 Mar 2020 Sunday



**Legend:**



**Calm  
Winds**



**5 Knots**



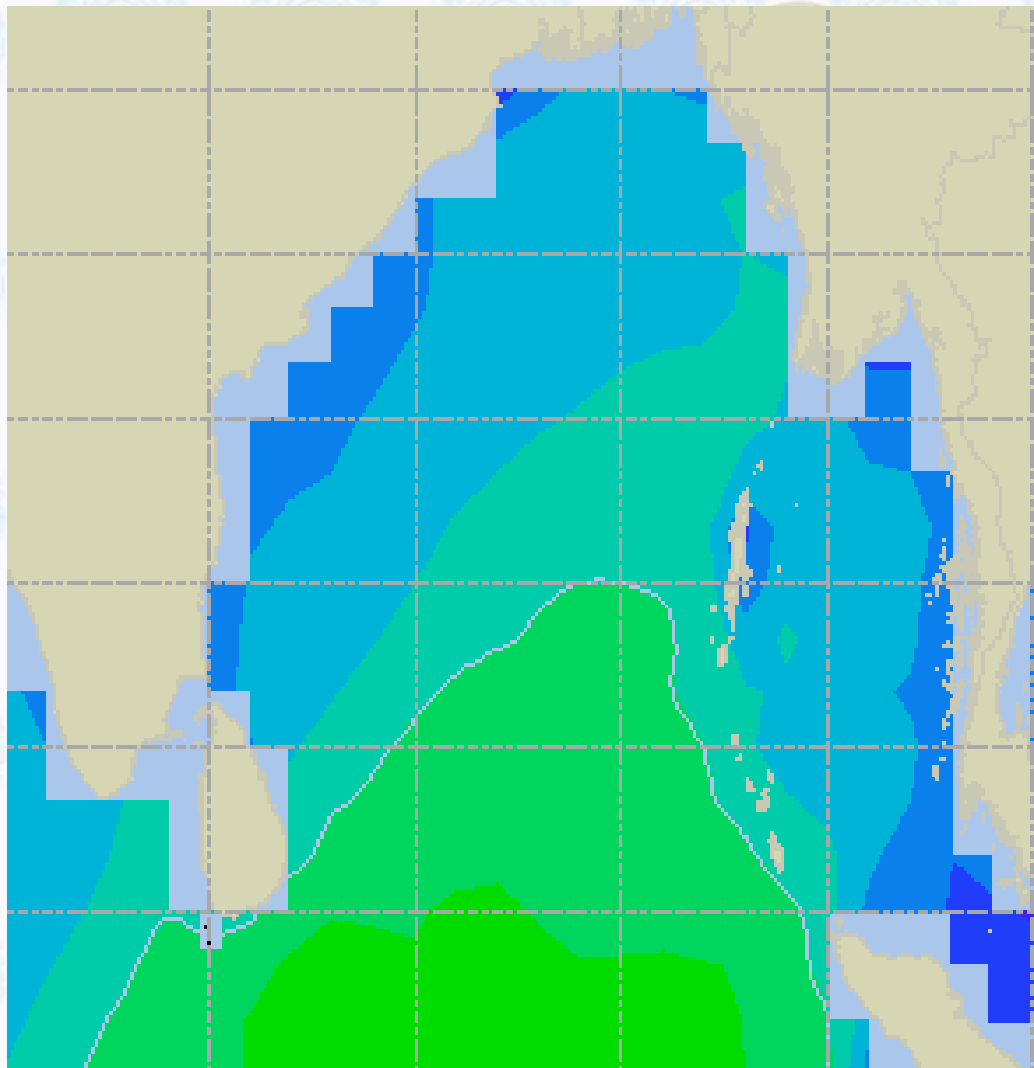
**10 Knots**



**60 Knots**



# Sea State Forecast - 27 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



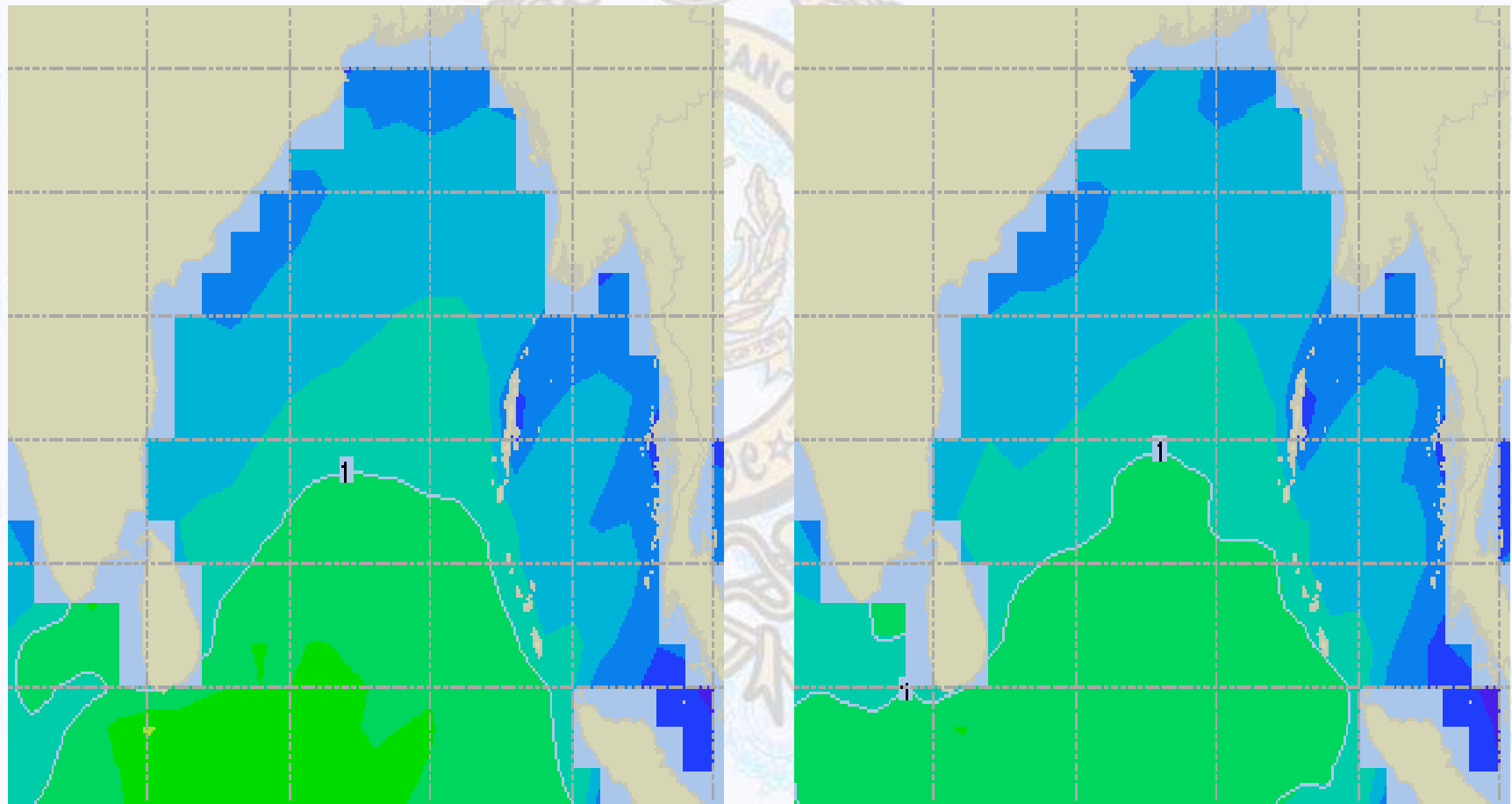




# Sea State Forecast - 28 & 29 Mar - 2020

28 Mar 2020 Saturday

29 Mar 2020 Sunday

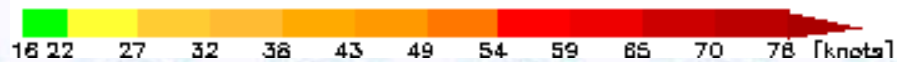
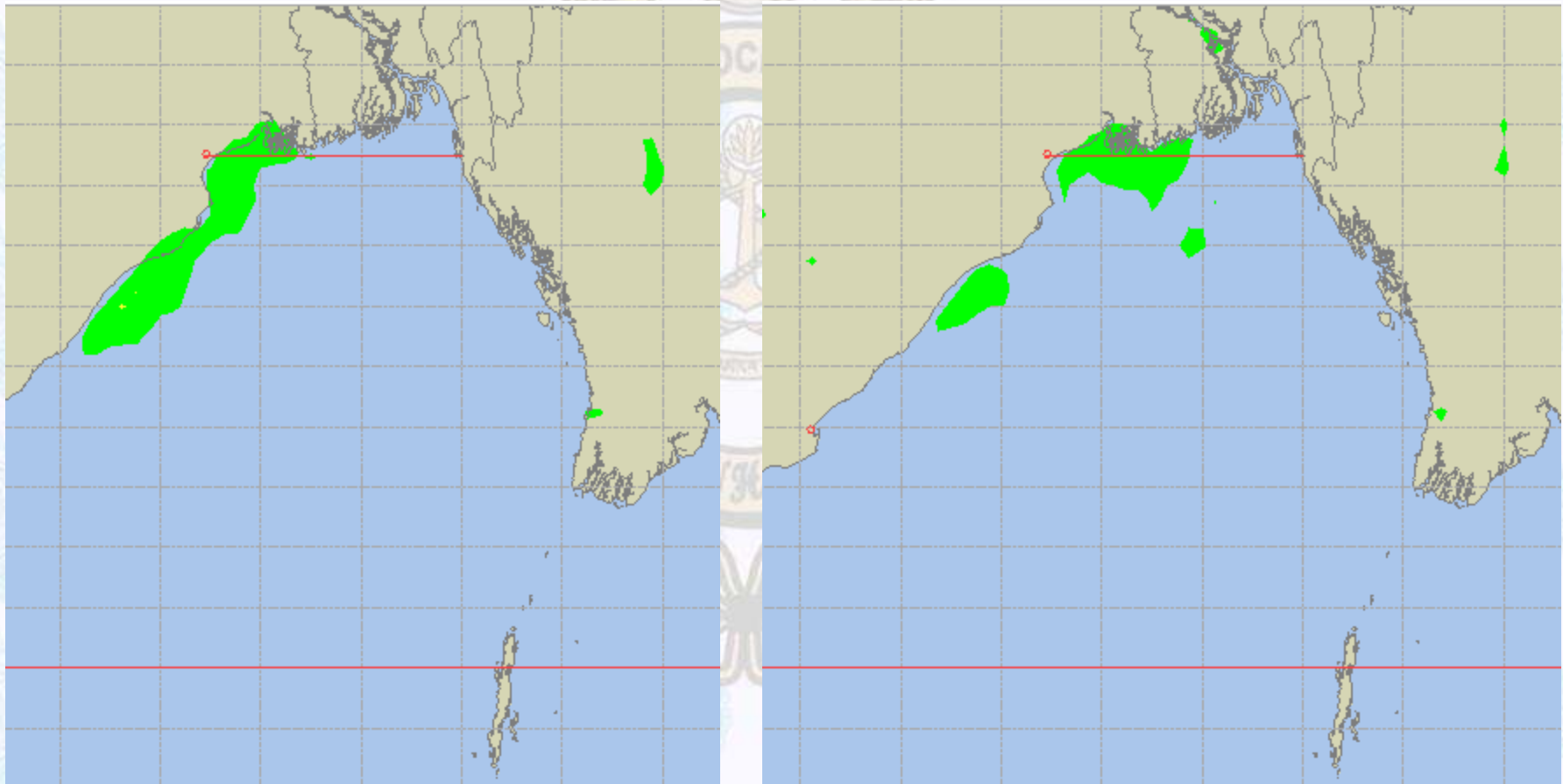




# Peak Gusting Possibilities – 27 & 28 Mar - 2020

27 Mar 2020 Friday

28 Mar 2020 Saturday



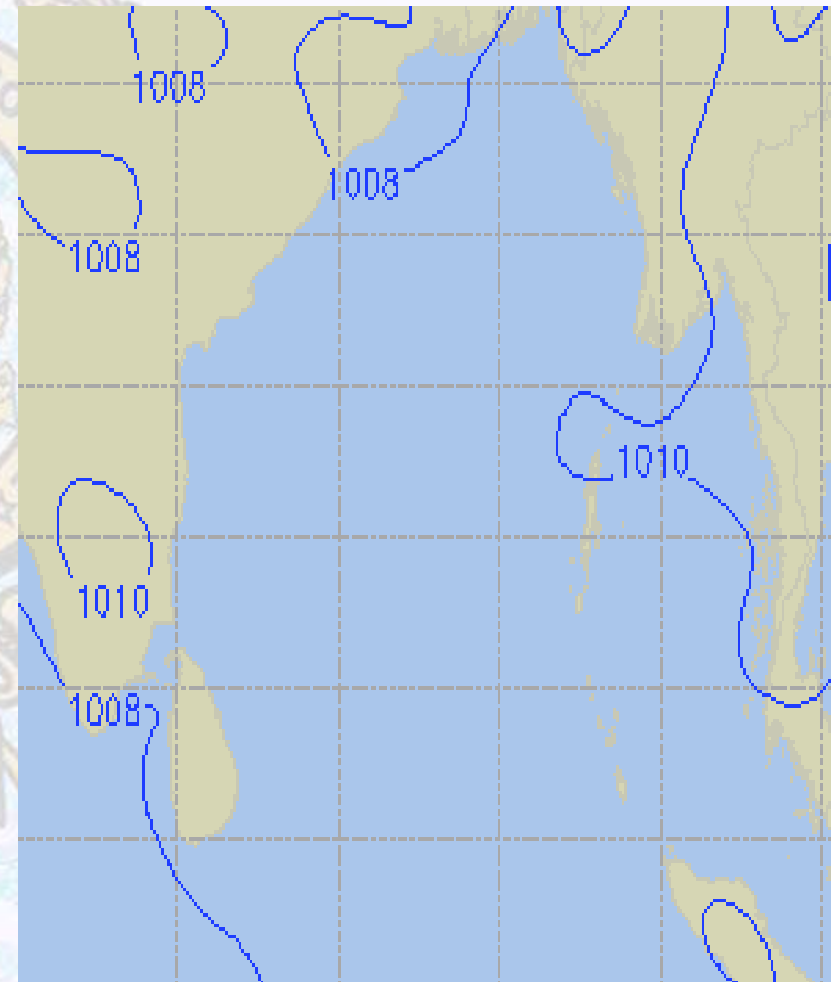
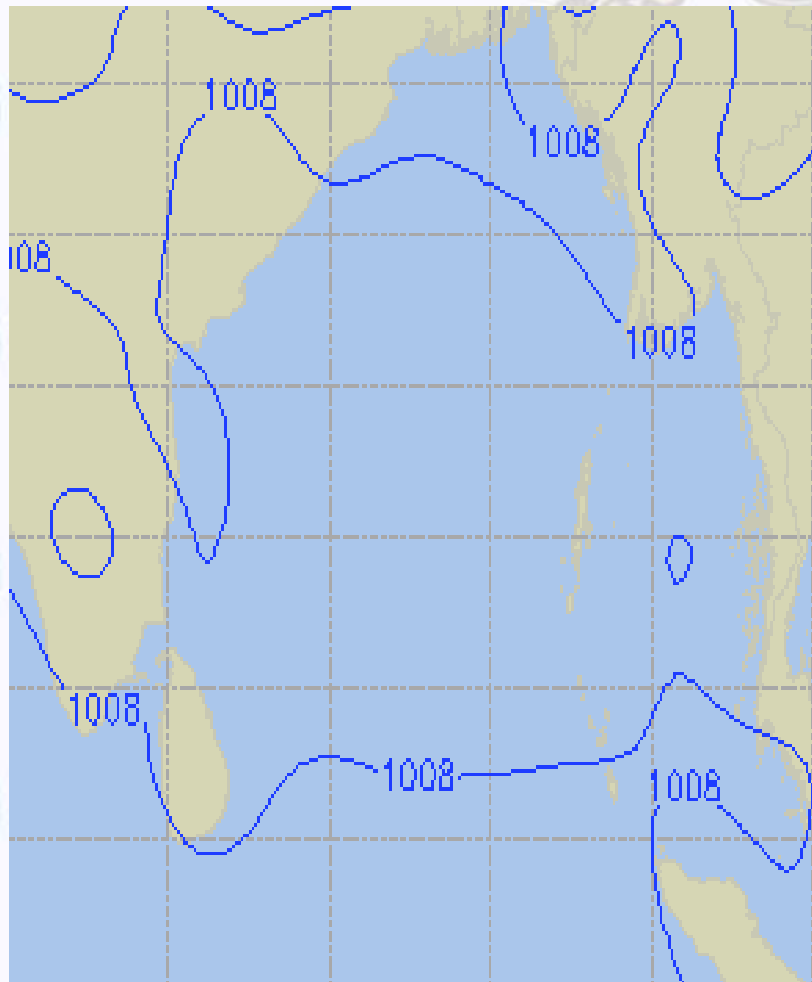




# Surface Pressure forecast – 27 & 28 Mar - 2020

27 Mar 2020 Friday

28 Mar 2020 Saturday

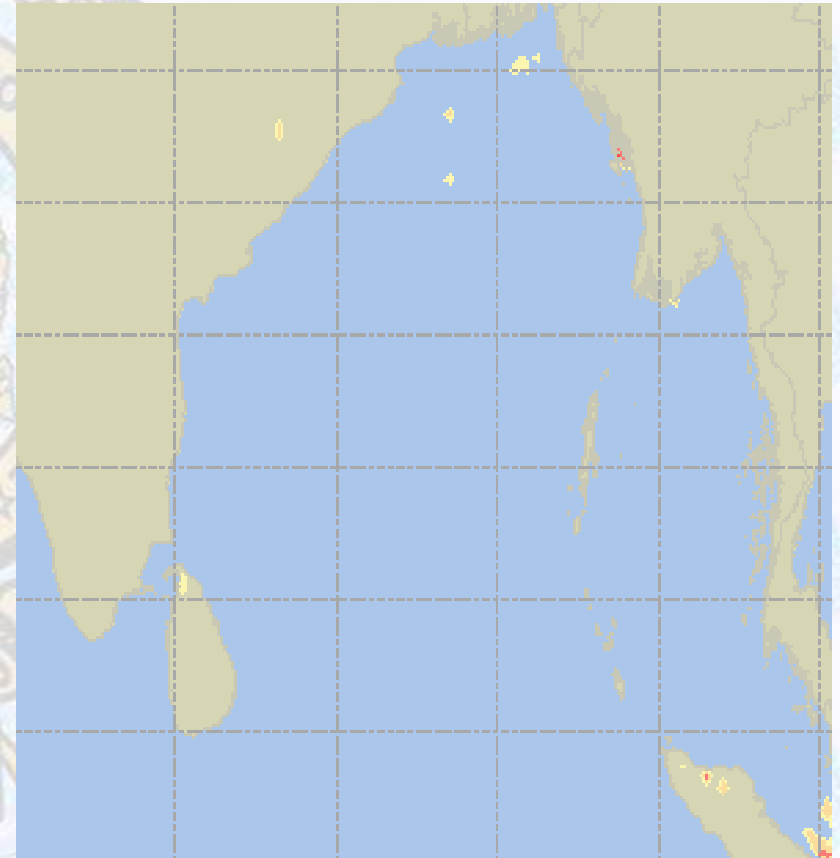
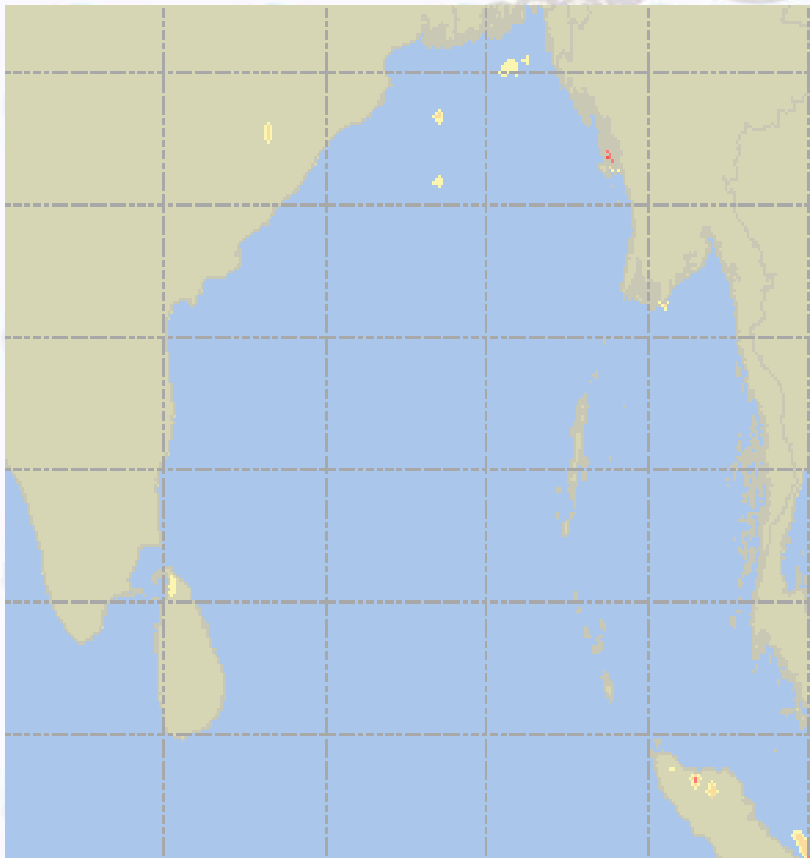




# Visibility at Sea Forecast – 27 & 28 Mar - 2020

27 Mar 2020 Friday

28 Mar 2020 Saturday



**Visibility Scale:**



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

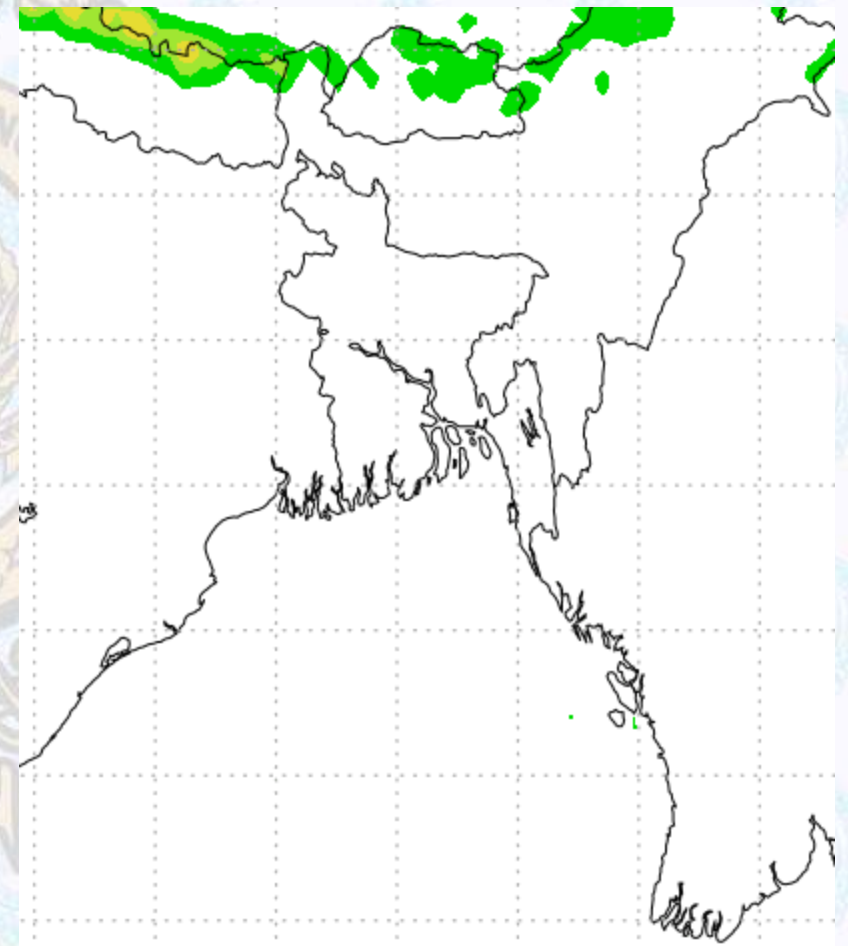
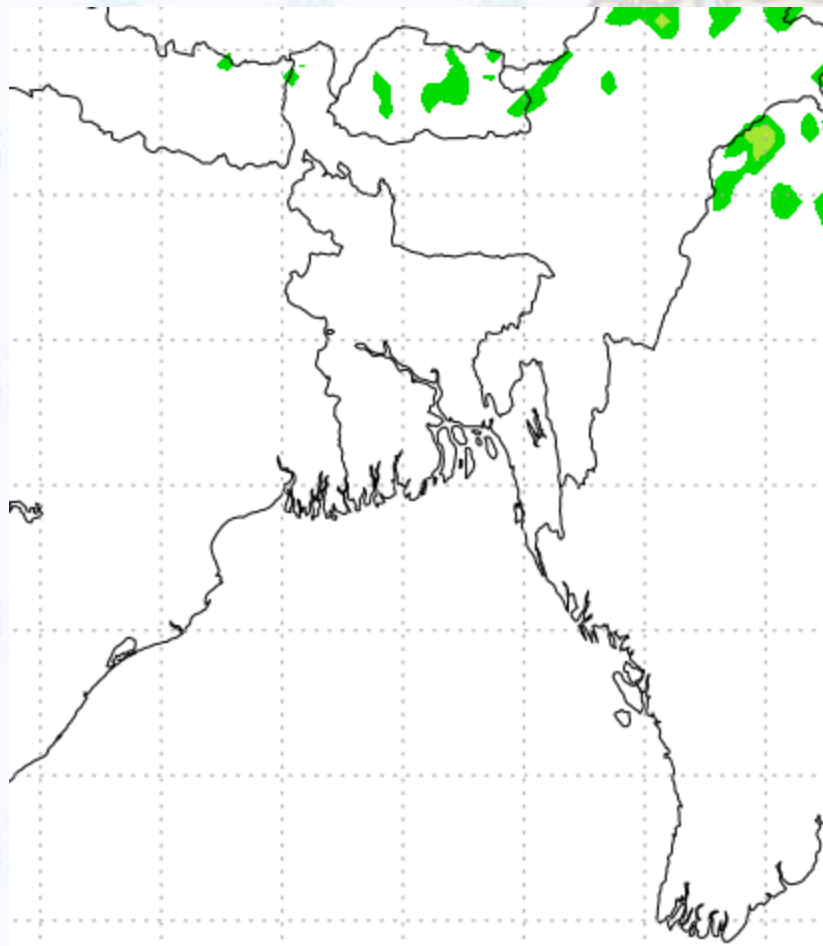




# Precipitation

Rain(mm) 27 & 28 Mar 2020

Rain(mm) 28 & 29 Mar 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0215		4.34			0009	3.19
27 Mar 2020	0849	0.30		0641	0.19		0617	0.36
	1432	4.34		1227	3.14		1221	2.78
	2104	0.47		1857	0.30		1835	0.54
28 Mar 2020	Time	Height		Time	Height		Time	Height
	0242	4.25		0038	3.07		0028	2.63
	0914	0.31		0708	0.24		0642	0.41
	1458	4.30		1258	3.04		1248	2.73
	2133	0.53		1926	0.36		1904	0.64
29 Mar 2020	Time	Height		Time	Height		Time	Height
	0313	4.10		0110	2.90		0056	2.54
	0942	0.38		0736	0.33		0709	0.51
	1530	4.20		1332	2.91		1318	2.66
	20206	0.64		1958	0.46		1936	0.78