



# **WEATHER FORECAST FOR BN**

**24 - 27 MAR 2020**





# WEATHER FORECAST – DHAKA

## 24.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 17	31 / 16	27 / 18	24 / 16
Wind	7 km/h WNW	7 km/h NW	3 km/h ENE	3 km/h SSE
Humidity	43%	40%	60%	70%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	18%	8%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 59 AM 6: 12 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 8.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 24.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 20	28 / 21	26 / 22	24 / 23
Wind	11 km/h W	12 km/h WSW	11 km/h WSW	5 km/h W
Humidity	58%	66%	79%	90%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	10%	9%	3%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 54 AM 6: 06 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 24.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 20	31 / 20	26 / 21	24 / 22
Wind	9 km/h W	9 km/h W	8 km/h S	5 km/h S
Humidity	51%	53%	74%	86%
Chance of Precip.	4%	10%	3%	6%
Cloud Cover	22%	26%	4%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 04 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	25 Mar 2020	26 Mar 2020	27 Mar 2020
<b>Temperature (C)</b>	34°C/ 22°C	36°C/ 23°C	37°C/ 23°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h56m42s/18h12m12s	5h55m54s/18h12m36s	5h55m00s/18h12m54s
<b>Day Length</b>	12h15m30s	12h16m42s	12h17m54s
<b>Moon Rise/ Set</b>	6:38AM 7:02PM	7:10AM 7:52PM	7:43AM 8:42PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 1%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>Nautical Twilight</b>	0508,1900	0507,1901	0506,1901
<b>Civil Twilight</b>	0534,1834	0533,1834	0532,1835
<b>Humidity</b>	D : 52%    N : 71%	D : 51%    N : 71%	D : 49%    N : 73%
<b>Barometer (mb)</b>	1009	1008	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	9 Km/h WSW	9 Km/h WSW	12 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Mar 2020	26 Mar 2020	27 Mar 2020
<b>Temperature (C)</b>	30°C/ 22°C	29°C/ 23°C	30°C/ 23°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h51m18s/18h06m12s	5h50m30s/18h06m30s	5h49m42s/18h06m48s
<b>Day Length</b>	12h14m54s	12h116m00s	12h17m06s
<b>Moon Rise/ Set</b>	6:32AM 6:55PM	7:05AM 7:45PM	7:38AM 8:34PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 1%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>NauticalTwilight</b>	0503, 1854	0502, 1854	0501, 1854
<b>Civil Twilight</b>	0529, 1828	0528, 1828	0527, 1828
<b>Humidity</b>	D : 68% N : 93%	D : 80% N : 97%	D : 80% N : 97%
<b>Barometer (mb)</b>	1010	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	13 Km/h WNW	14 Km/h SW	13 Km/h SSW

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



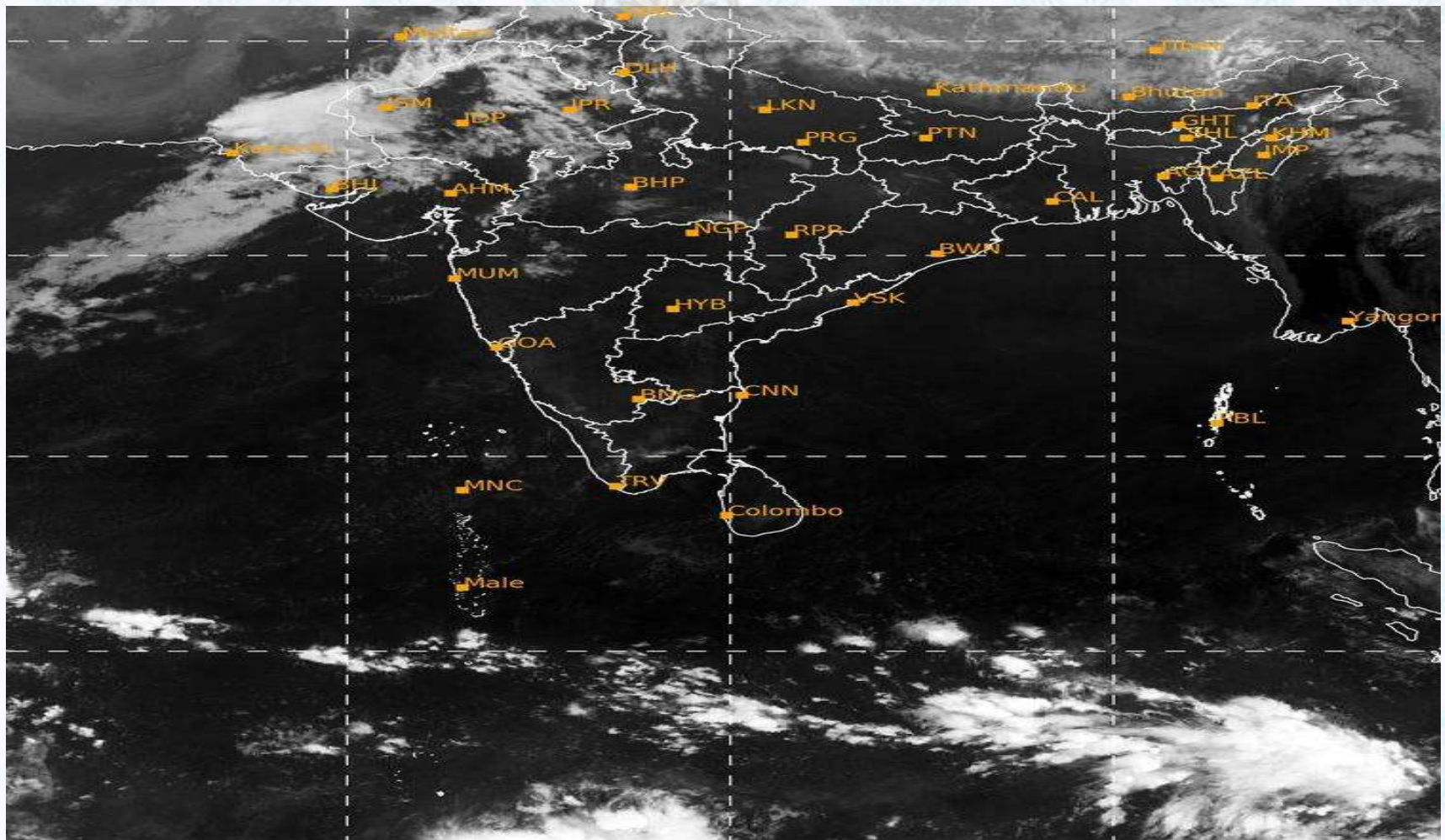
# GENERAL WEATHER FORECAST – KHULNA

Description	25 Mar 2020	26 Mar 2020	27 Mar 2020
<b>Temperature(C)</b>	34°C/ 23°C	36°C/ 23°C	37°C/ 23°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h00m18s/18h15m24s	5h59m30s/18h15m48s	5h58m42s/18h16m06s
<b>Day Length</b>	12h15m06s	12h16m18s	12h17m24s
<b>Moon Rise/Set</b>	6:42AM 7:06PM	7:15AM 7:55PM	7:48AM 8:45PM
<b>Moon Phase/illu</b>	New Moon, 0%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>Nautical Twilight</b>	0512, 1903	0511, 1903	0510, 1904
<b>Civil Twilight</b>	0538, 1837	0537, 1837	0536, 1838
<b>Humidity</b>	D : 61%    N : 85%	D : 57%    N : 81%	D : 50%    N : 73%
<b>Barometer (mb)</b>	1009	1009	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	11 km/h SW	11 km/h WSW	12 km/h W

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



# SATELLITE VIEW OF BAY OF BENGAL



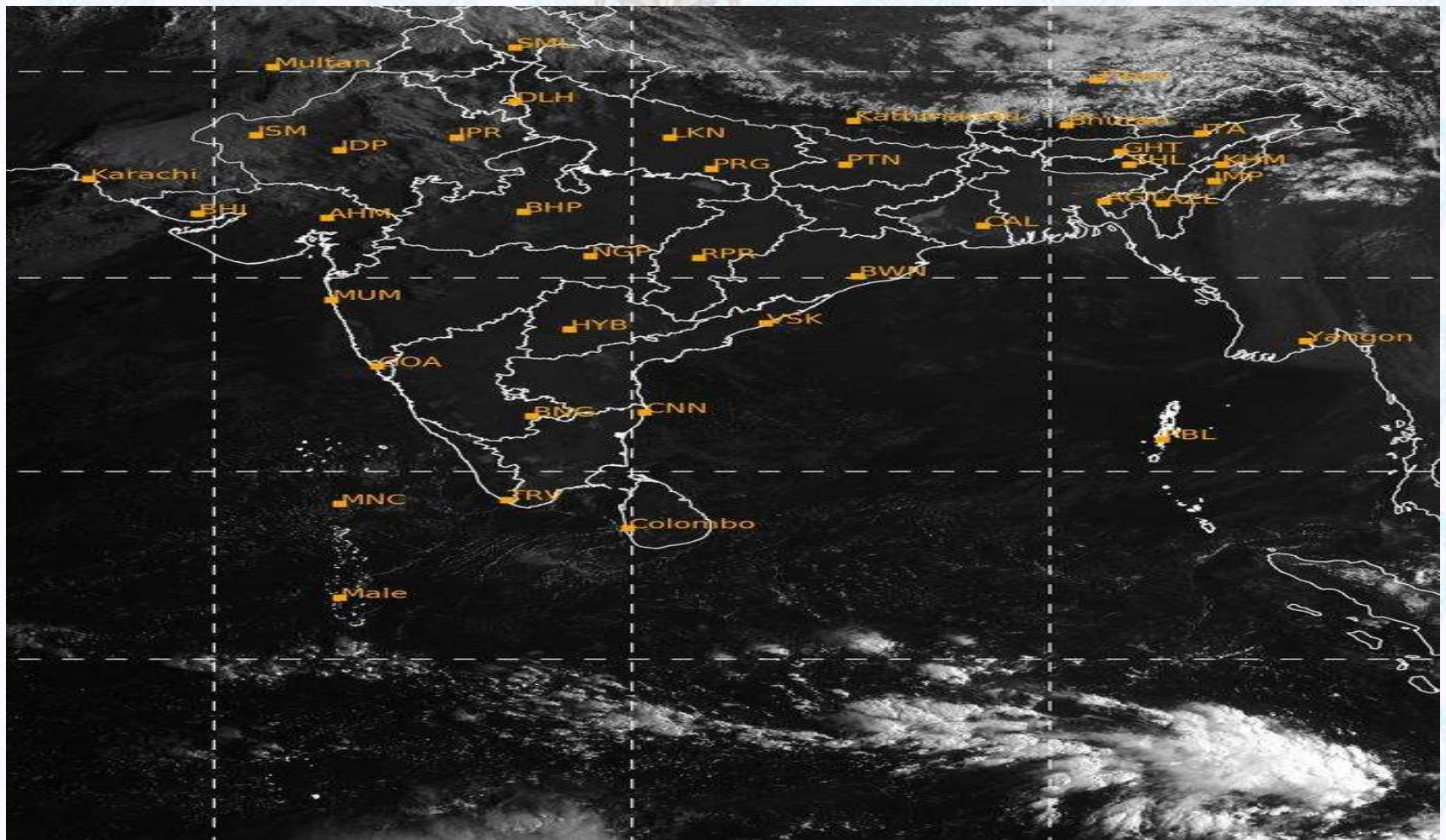
24/03/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



24/03/2020, 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 24.03.2020)

<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 =24,0000 UTC. CHATTOGRAM =1013HPA



# Inland River Port Warning (VALID TILL 06 PM OF 24.03.2020)

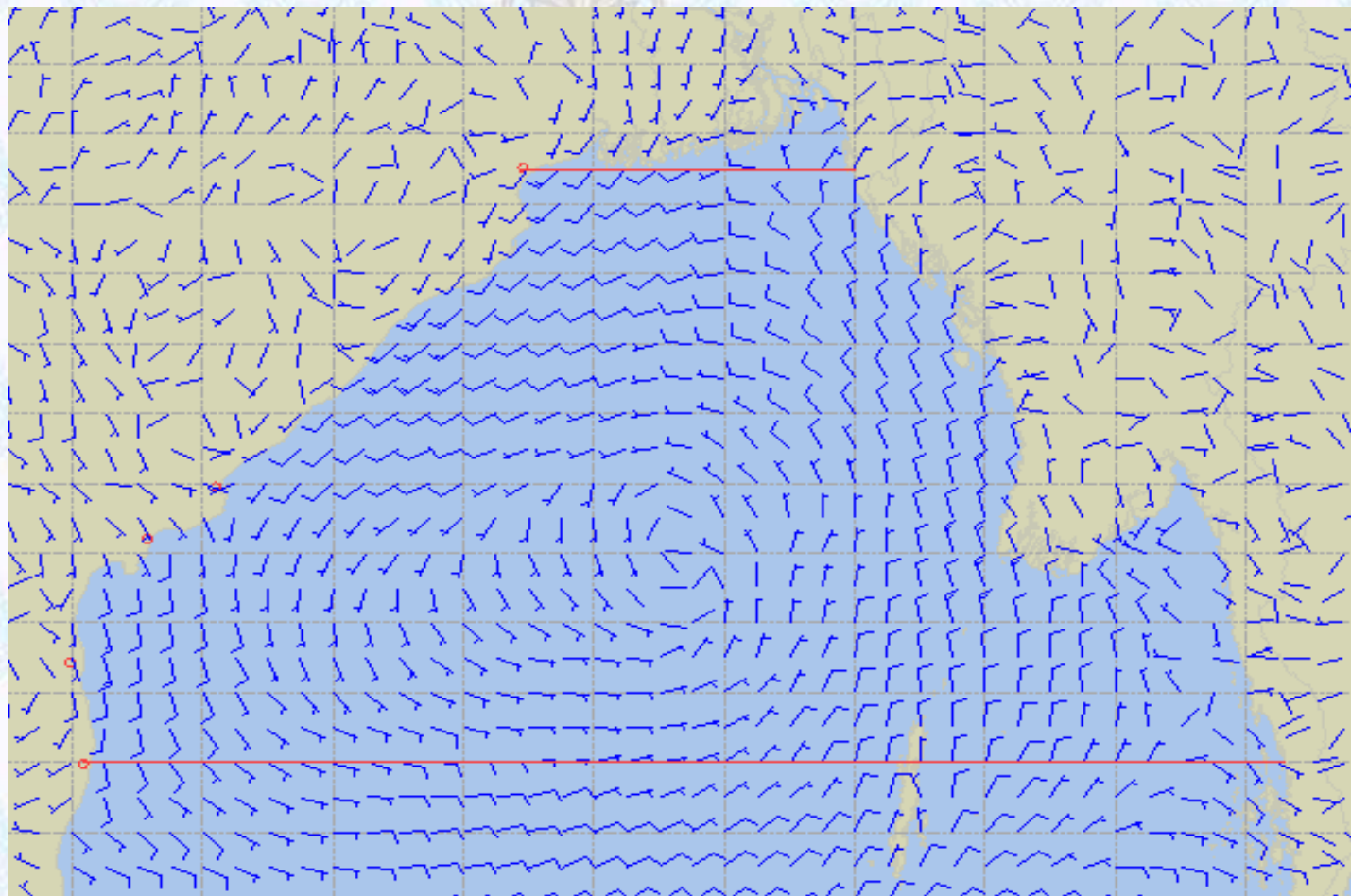
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 25 Mar - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



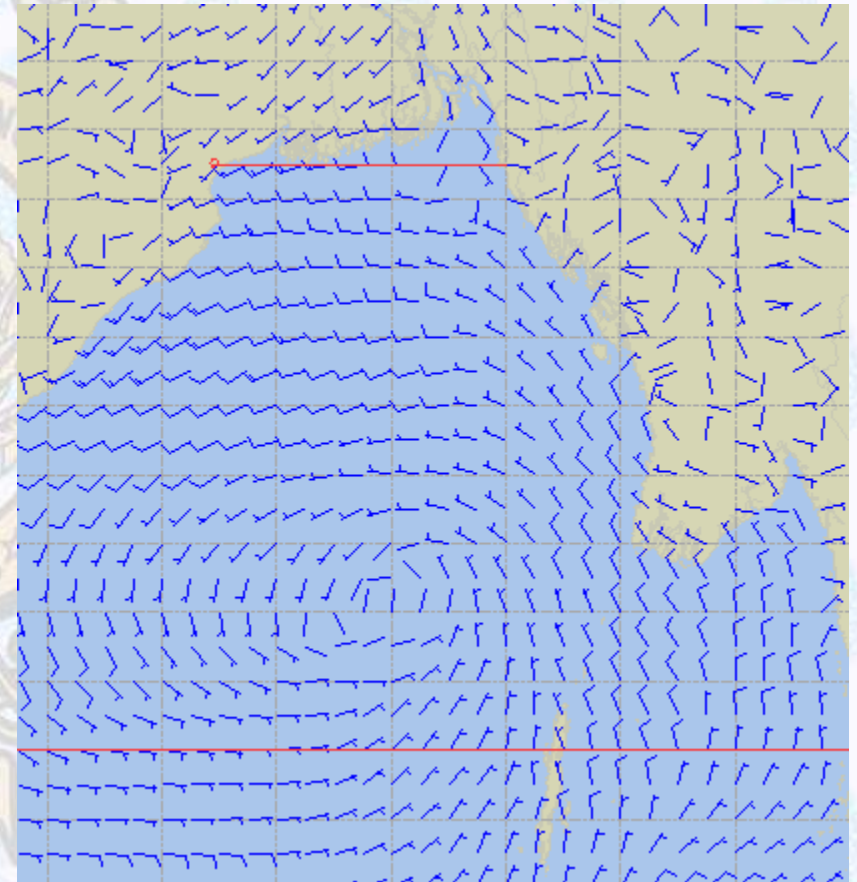
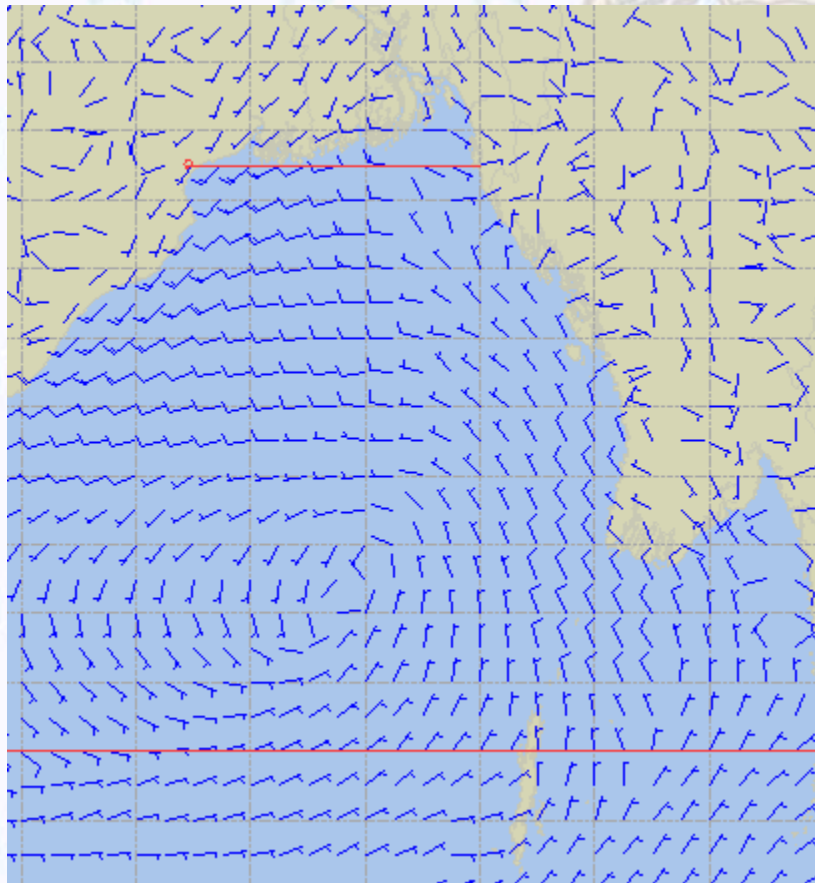
60 Knots



# Surface Wind Forecast – 26 & 27 Mar - 2020

26 Mar 2020 Thursday

27 Mar 2020 Friday



**Legend:**



Calm  
Winds



5 Knots



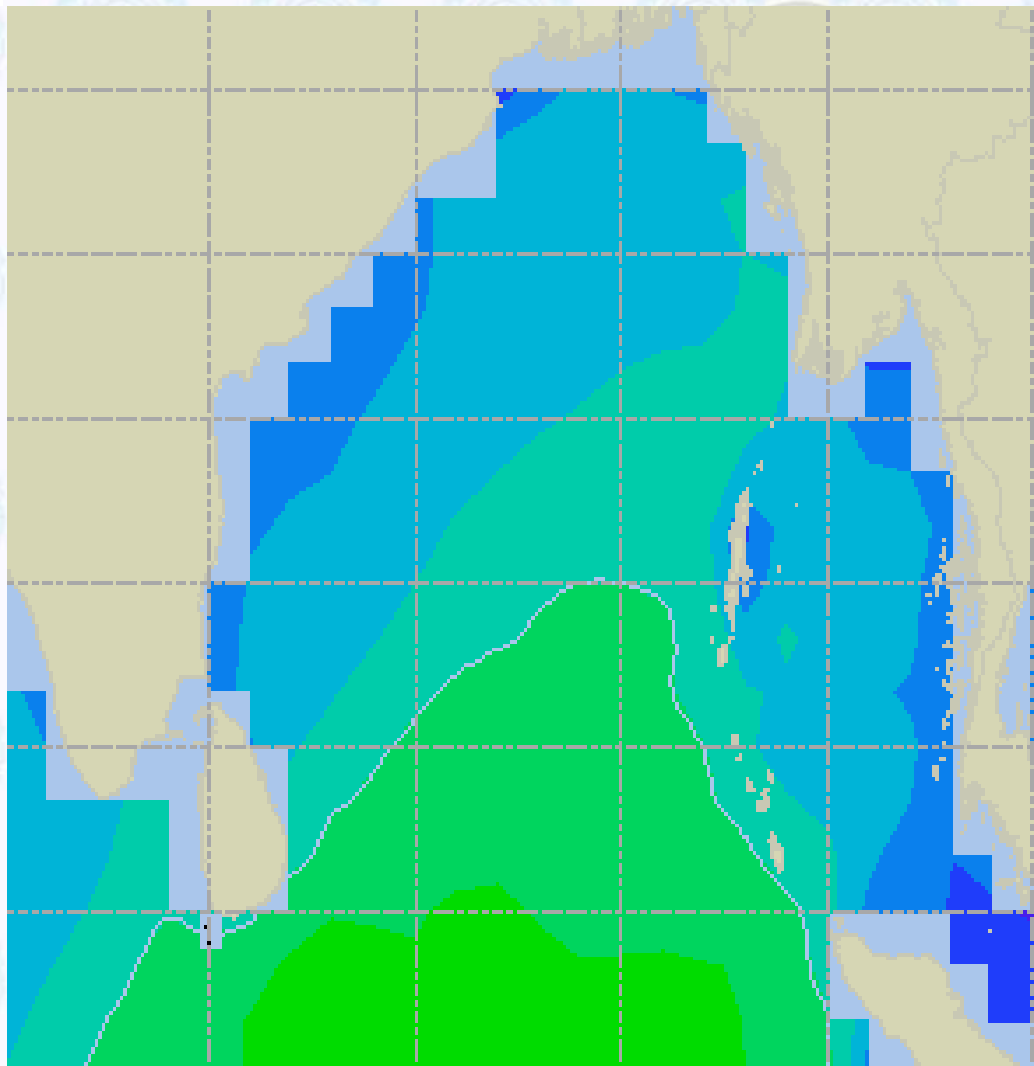
10 Knots



60 Knots



# Sea State Forecast - 25 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

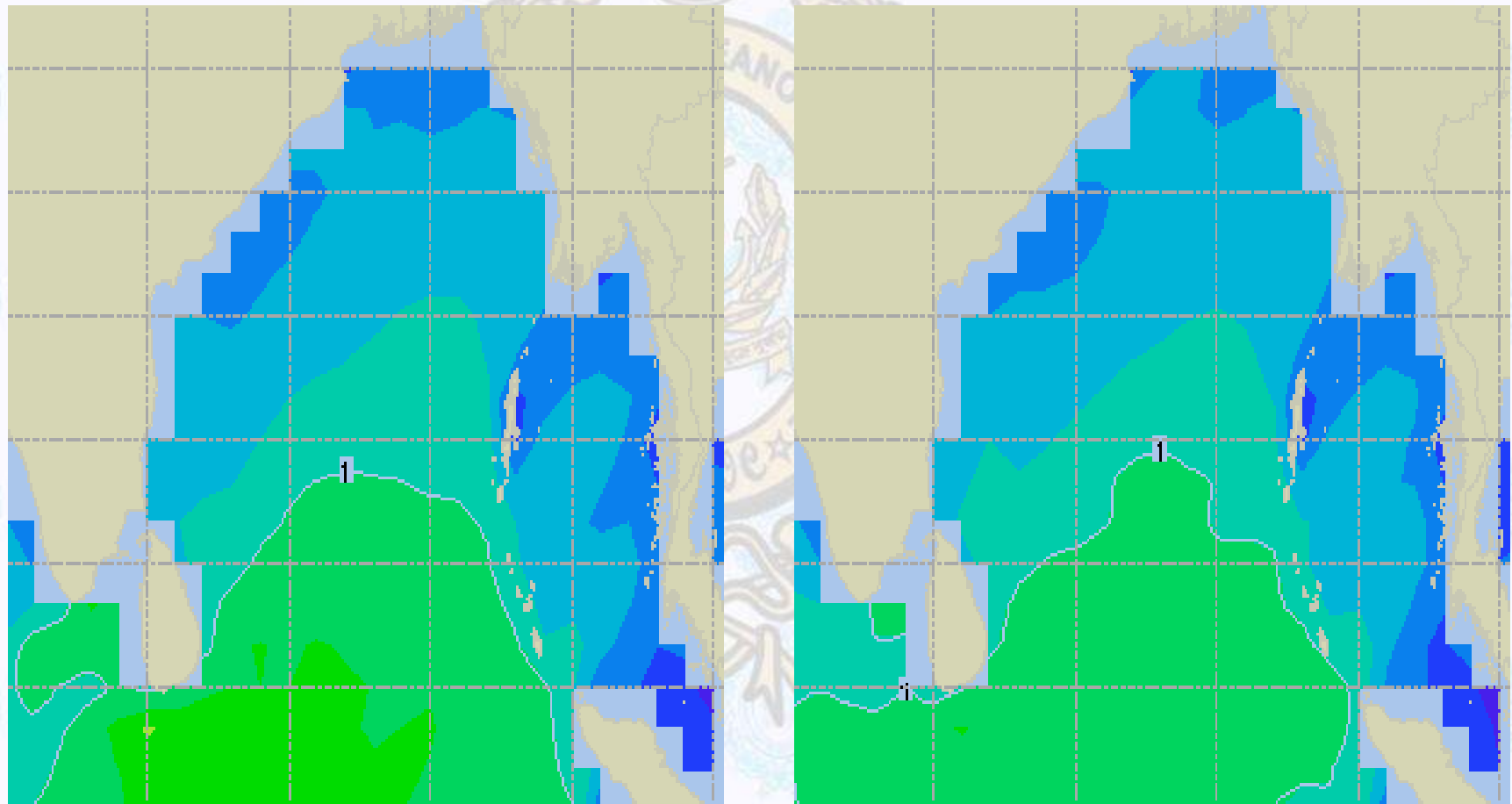




# Sea State Forecast - 26 & 27 Mar - 2020

26 Mar 2020 Thursday

27 Mar 2020 Friday

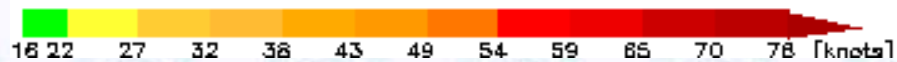
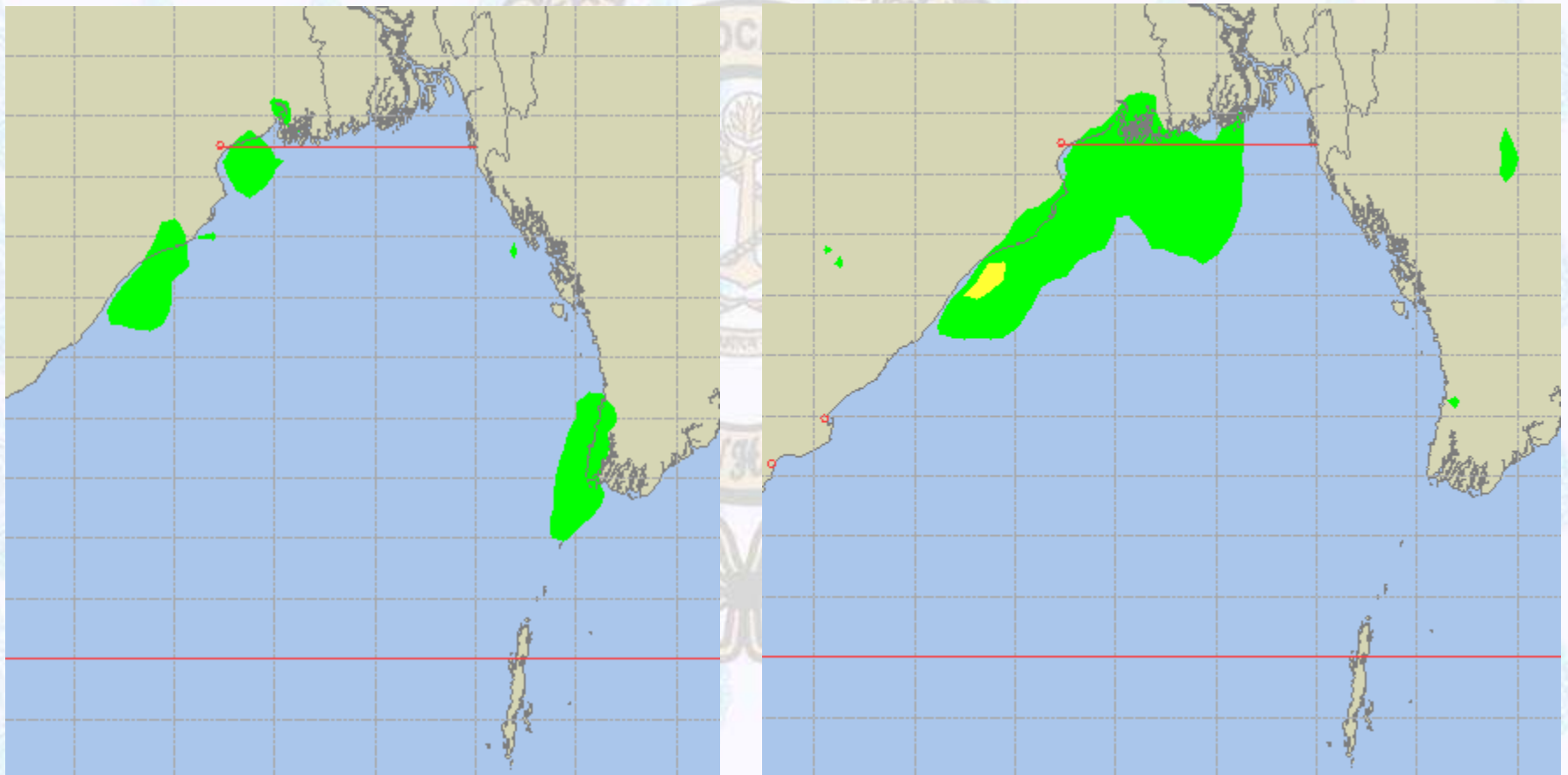




# Peak Gusting Possibilities – 25 & 26 Mar - 2020

25 Mar 2020 Wednesday

26 Mar 2020 Thursday



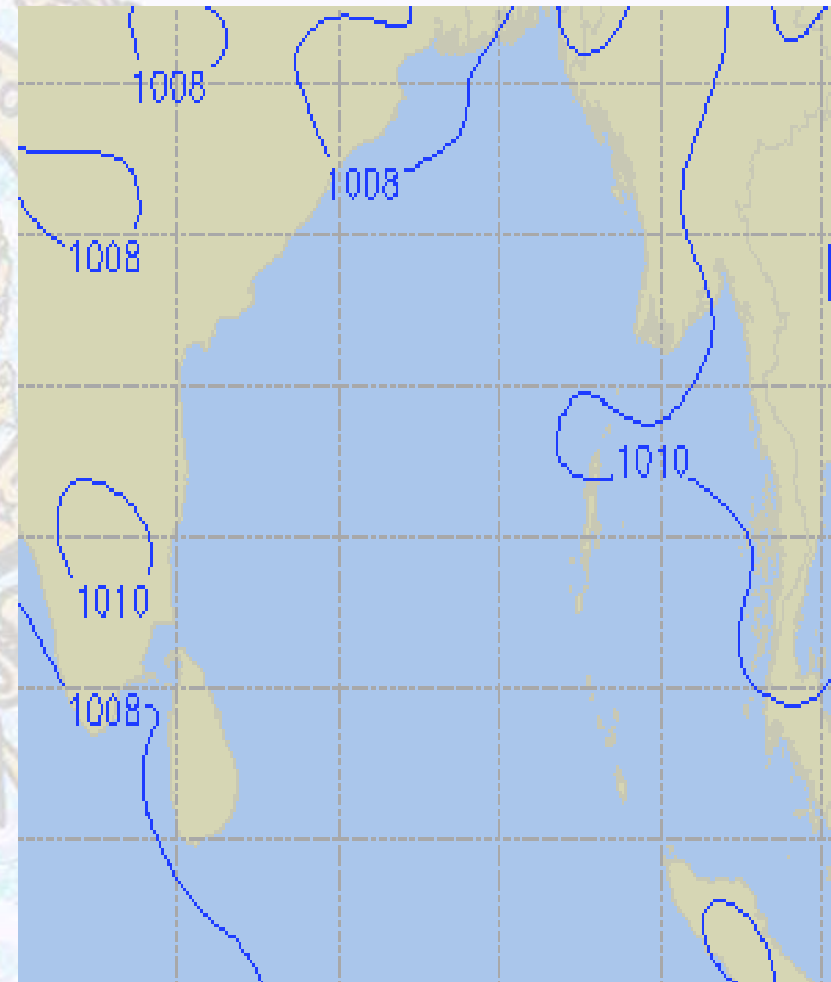
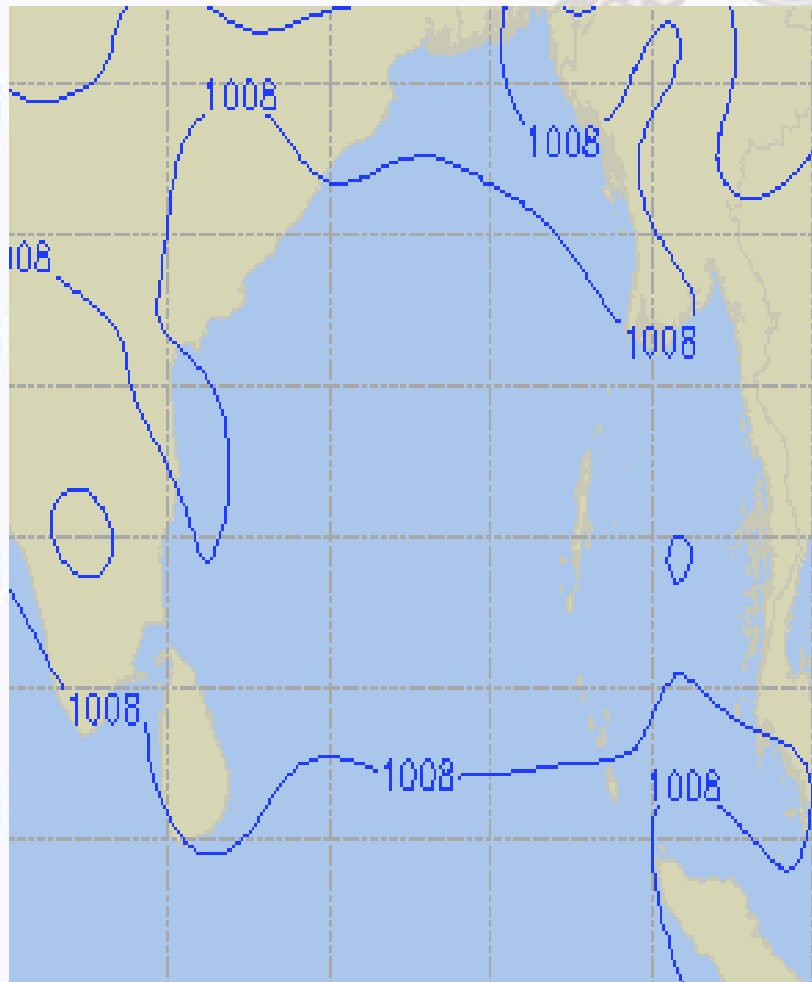




# Surface Pressure forecast – 25 & 26 Mar - 2020

25 Mar 2020 Wednesday

26 Mar 2020 Thursday

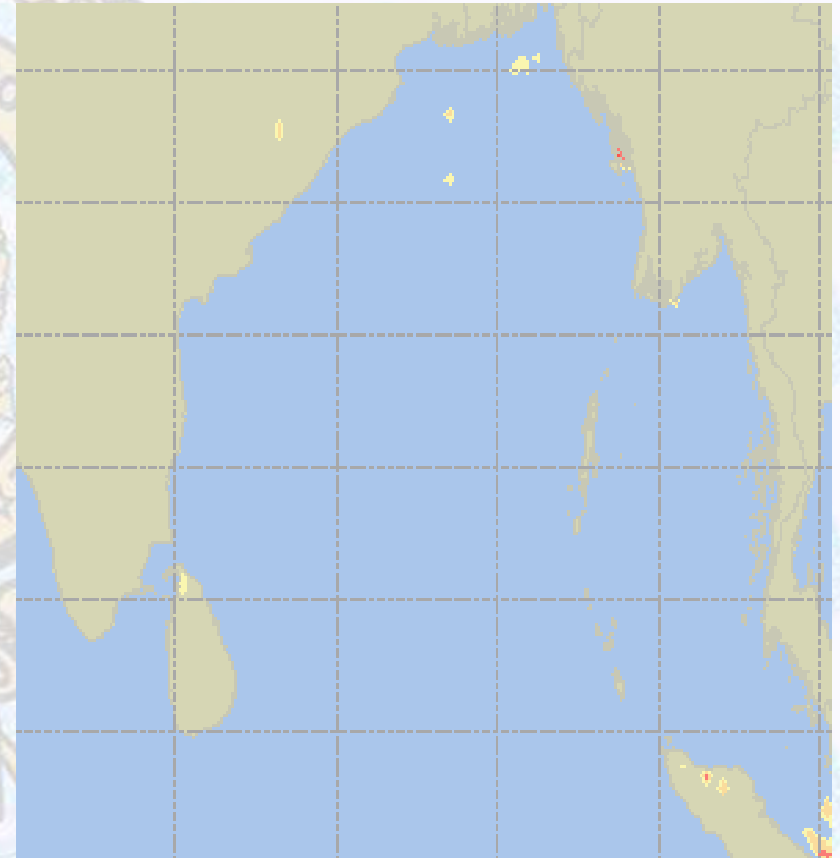
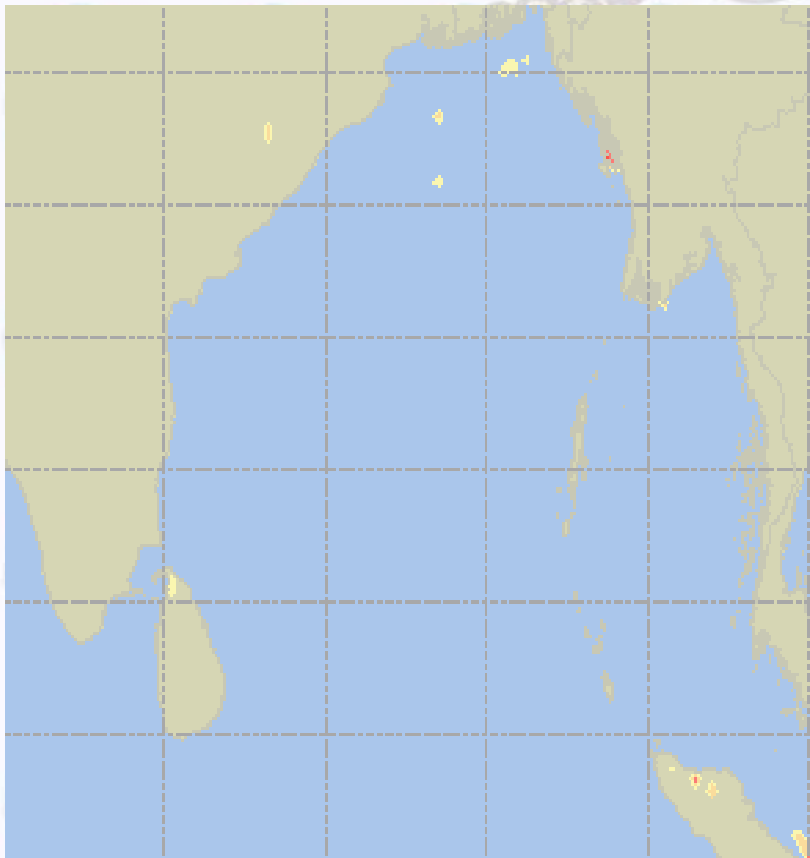




# Visibility at Sea Forecast – 25 & 26 Mar - 2020

25 Mar 2020 Wednesday

26 Mar 2020 Thursday



**Visibility Scale:**



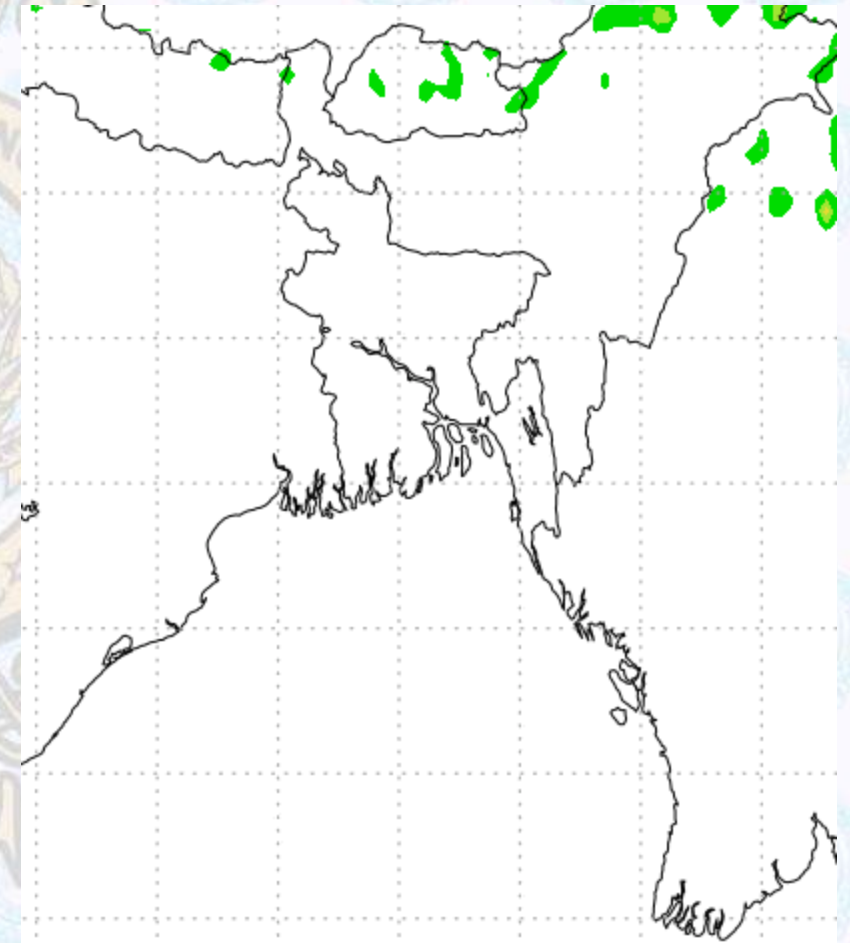
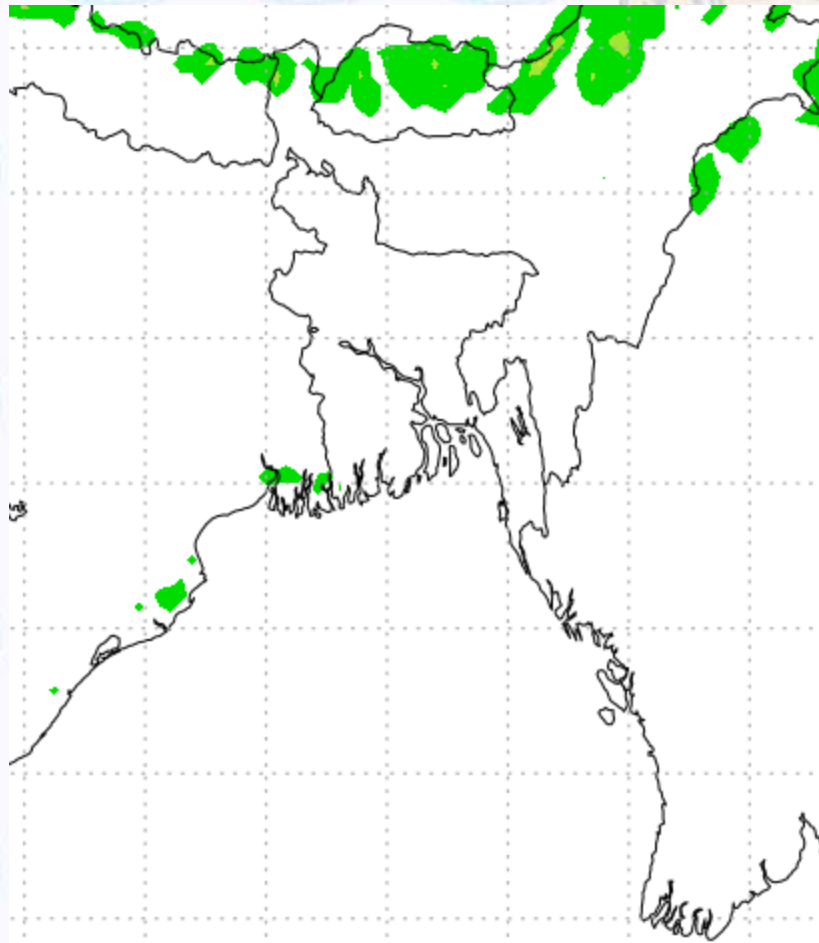
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 25 & 26 Mar 2020

Rain(mm) 26 & 26 Mar 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
25 Mar 2020	0127	4.32		0546	0.21		0529	0.35
	0802	0.37		1126	3.19		1130	2.80
	1347	4.30		1800	0.28		1741	0.45
	2012	0.47		2339	3.25		2337	2.74
26 Mar 2020	Time	Height		Time	Height		Time	Height
	0150	4.35		0614	0.18		0553	0.34
	0825	0.33		1156	3.19		1155	2.81
	1408	4.34		1829	0.28		1808	0.48
	2038	0.45		-	-		-	-
27 Mar 2020	Time	Height		Time	Height		Time	Height
	0215	4.34		0009	3.19		0002	2.70
	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