



# WEATHER FORECAST FOR BN

*01-04 APR 2020*





# WEATHER FORECAST – DHAKA

## 01.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 14	35 / 14	27 / 18	26 / 16
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: 51 AM 6: 15 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 km

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





# WEATHER FORECAST – CHATTOGRAM

## 01.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 23	32 / 24	28 / 23	26 / 24
Wind	7 km/h WSW	11 km/h WSW	14 km/h WSW	14 km/h W
Humidity	55%	63%	76%	85%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	20%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	5: 45 AM 6: 08 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 01.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 17	35 / 17	29 / 19	27 / 20
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	5: 56 AM 6: 18 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	2 Apr 2020	3 Apr 2020	4 Apr 2020
<b>Temperature (C)</b>	35 °C/ 25 °C	33 °C/ 24 °C	34 °C/ 23 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h52m10s/18h17m00s	5h51m10s/18h18m00s	5h50m10s/18h19m00s
<b>Day Length</b>	12h24m06s	12h25m06s	12h26m06s
<b>Moon Rise/ Set</b>	12:09AM 1:05PM	01:14AM 02:08PM	02:17AM 02:59PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 56%	Waxing Gibbous, 67%	Waxing Gibbous, 78%
<b>NauticalTwilight</b>	0504,1901	0504,1902	0503,1902
<b>Civil Twilight</b>	0530,1833	0531,1833	0531,1834
<b>Humidity</b>	D : 31%    N : 61%	D : 30%    N : 71%	D : 36%    N : 81%
<b>Barometer (mb)</b>	1009	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	14 Km/h WSW	13 Km/h WSW	12 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	2 Apr 2020	3 Apr 2020	4 Apr 2020
<b>Temperature (C)</b>	33°C/ 24°C	34°C/ 24°C	35°C/ 25°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h45m34s/18h09m02s	5h44m34s/18h10m02s	5h43m34s/18h11m02s
<b>Day Length</b>	12h19m48s	12h21m48s	12h23m48s
<b>Moon Rise/ Set</b>	11:13AM 12:09PM	01:10AM 01:59PM	02:14AM 02:50PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 56%	Waxing Gibbous, 67%	Waxing Gibbous, 78%
<b>NauticalTwilight</b>	0459, 1854	0459, 1855	0458, 1855
<b>Civil Twilight</b>	0524, 1829	0523, 1829	0523, 1830
<b>Humidity</b>	D : 53%    N : 76%	D : 54%    N : 78%	D : 46%    N : 86%
<b>Barometer (mb)</b>	1009	1008	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	13 Km/h SSW	14 Km/h SSW	11 Km/h SSW

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





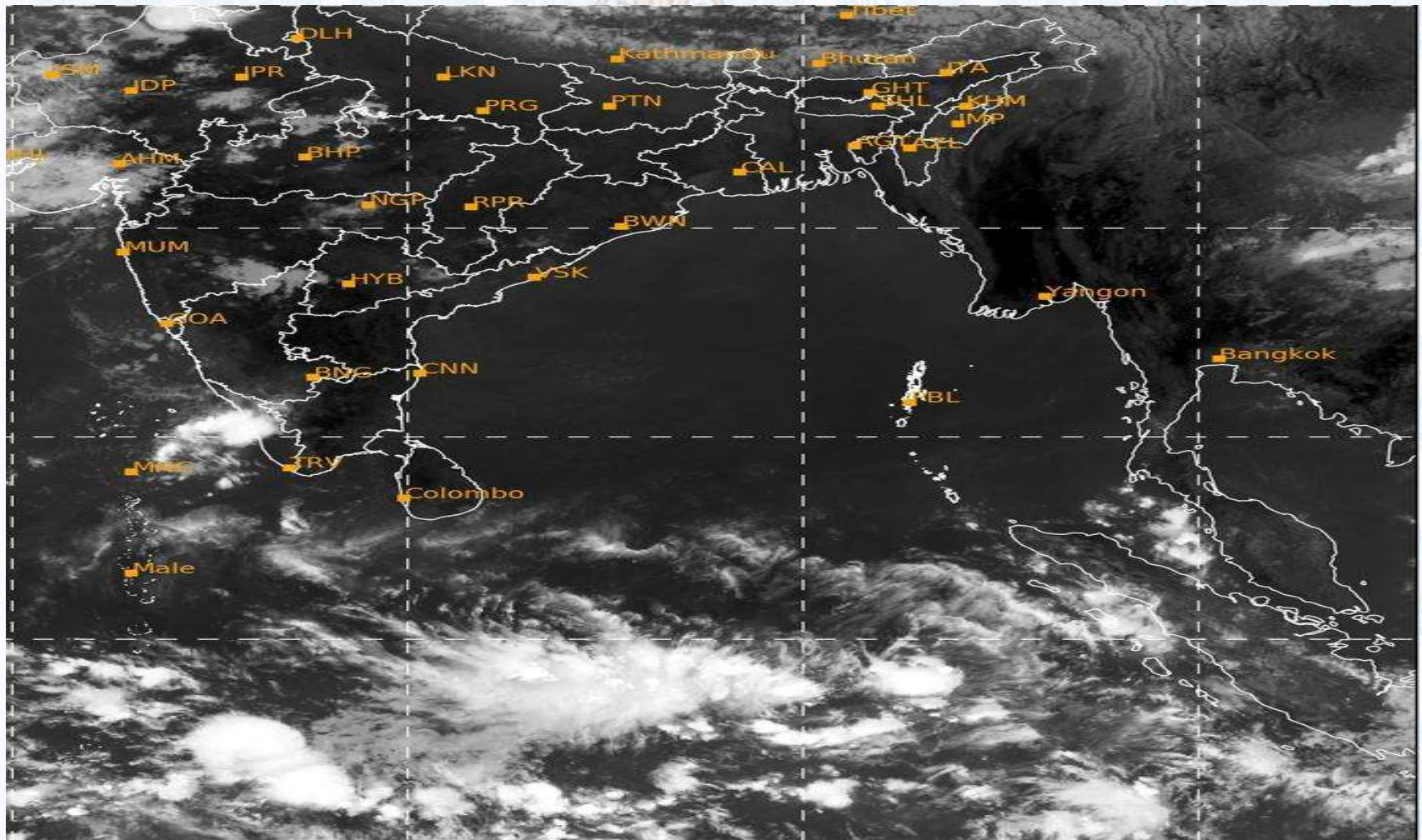
# GENERAL WEATHER FORECAST – KHULNA

Description	2 Apr 2020	3 Apr 2020	4 Apr 2020
<b>Temperature(C)</b>	36°C/ 24°C	36°C/ 24°C	35°C/ 23°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h55m30s/18h19m00s	5h54m30s/18h18m00s	5h53m30s/18h19m00s
<b>Day Length</b>	12h22m02s	12h24m02s	12h26m02s
<b>Moon Rise/Set</b>	11:23AM 12:20PM	01:21AM 02:09PM	02:24AM 03:01PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 56%	Waxing Gibbous, 67%	Waxing Gibbous, 78%
<b>Nautical Twilight</b>	0508, 1902	0508, 1901	0507, 1901
<b>Civil Twilight</b>	0534, 1836	0533, 1836	0533, 1837
<b>Humidity</b>	D : 37%    N : 61%	D : 35%    N : 81%	D : 34%    N : 83%
<b>Barometer (mb)</b>	1009	1008	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	12 km/h NW	13 km/h NW	12 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



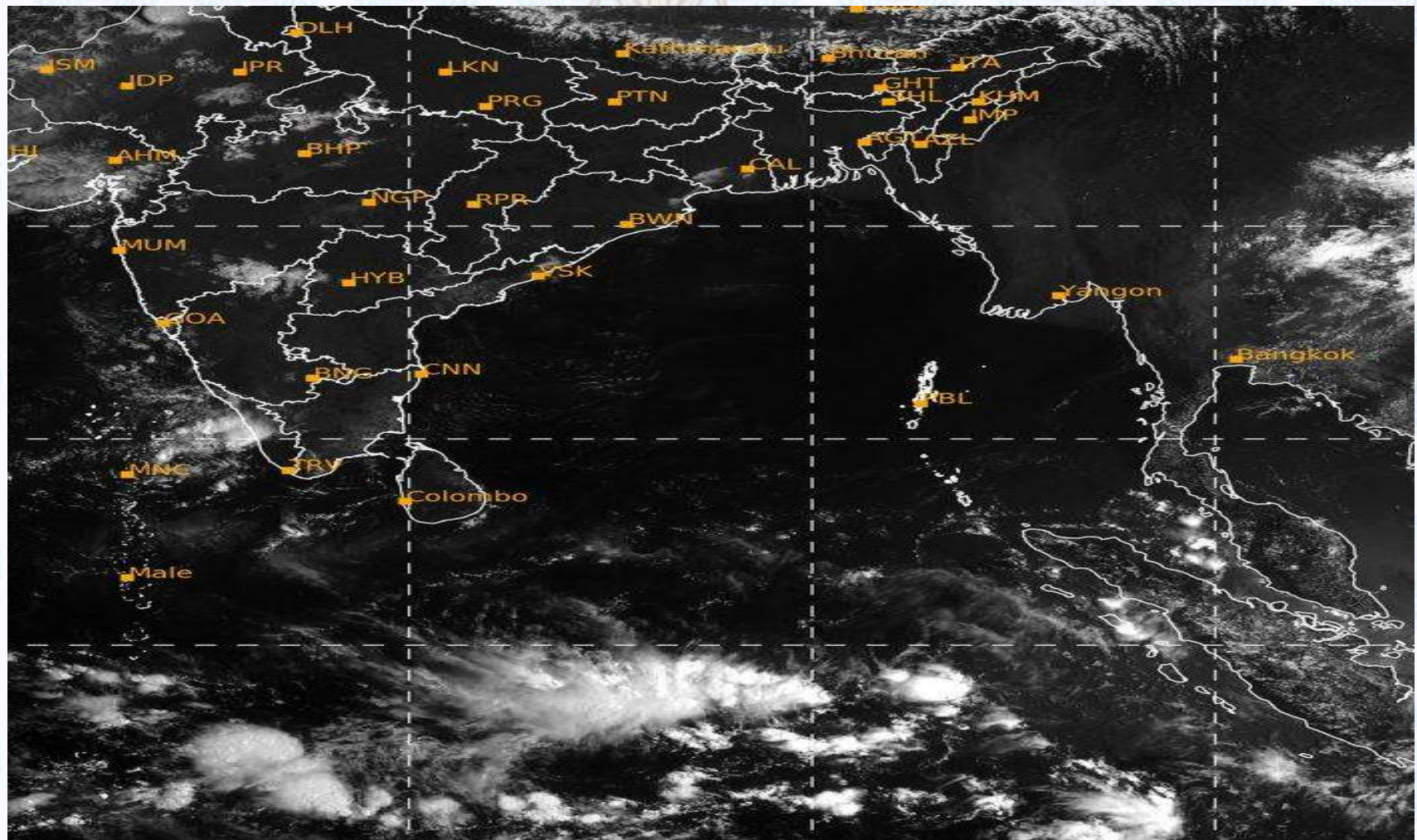
01/04/2020, 14:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



01/04/2020, 14:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 01.04.2020)

<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/ SOUTH-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 =01,0000 UTC. CHATTOGRAM =1009 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 01.04.2020)

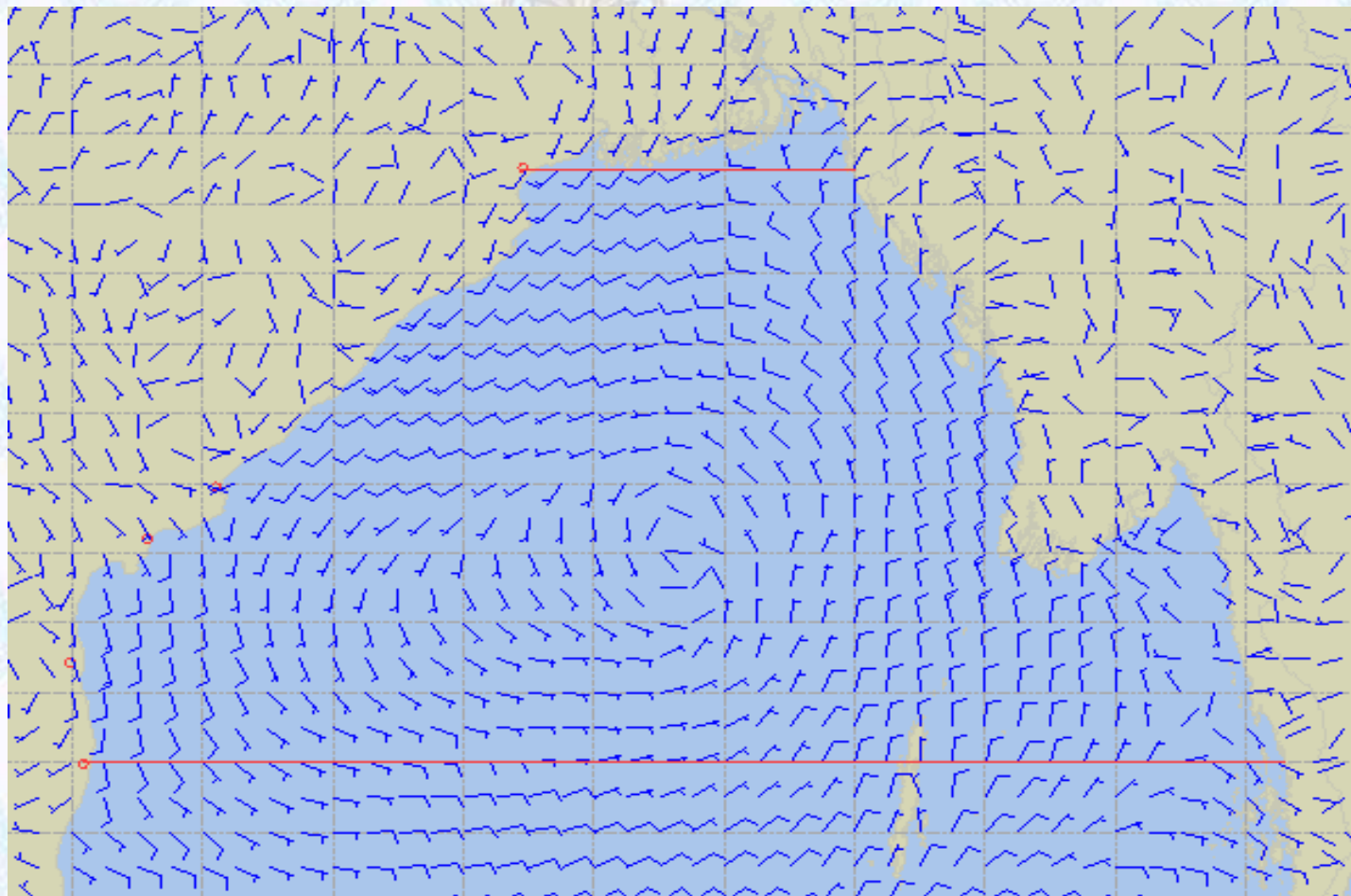
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 2 Apr - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

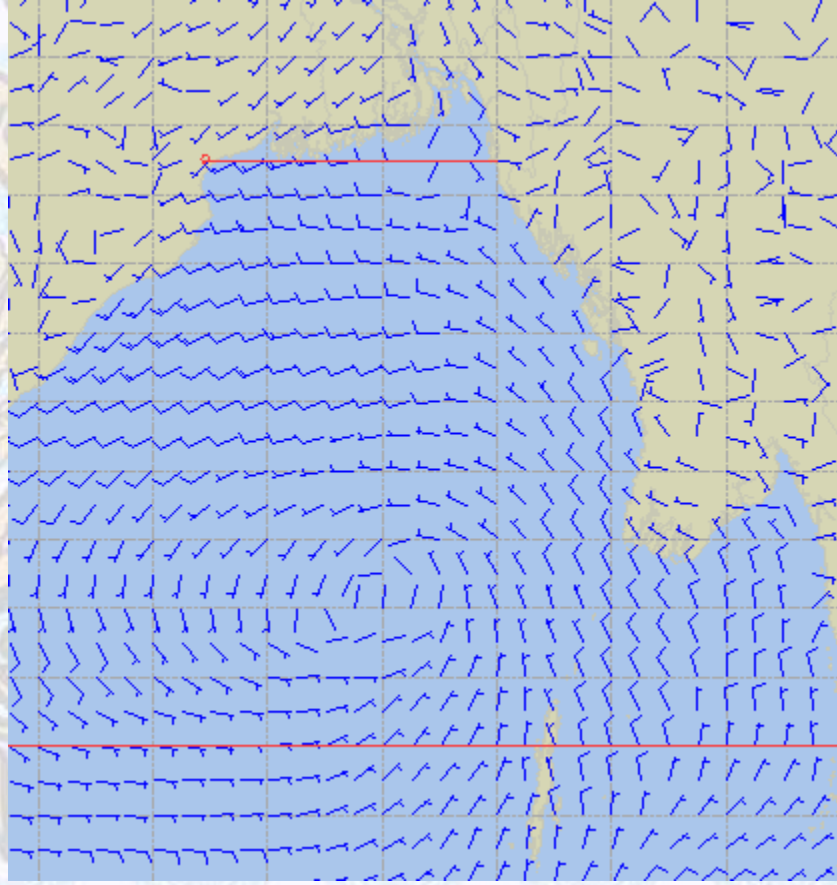
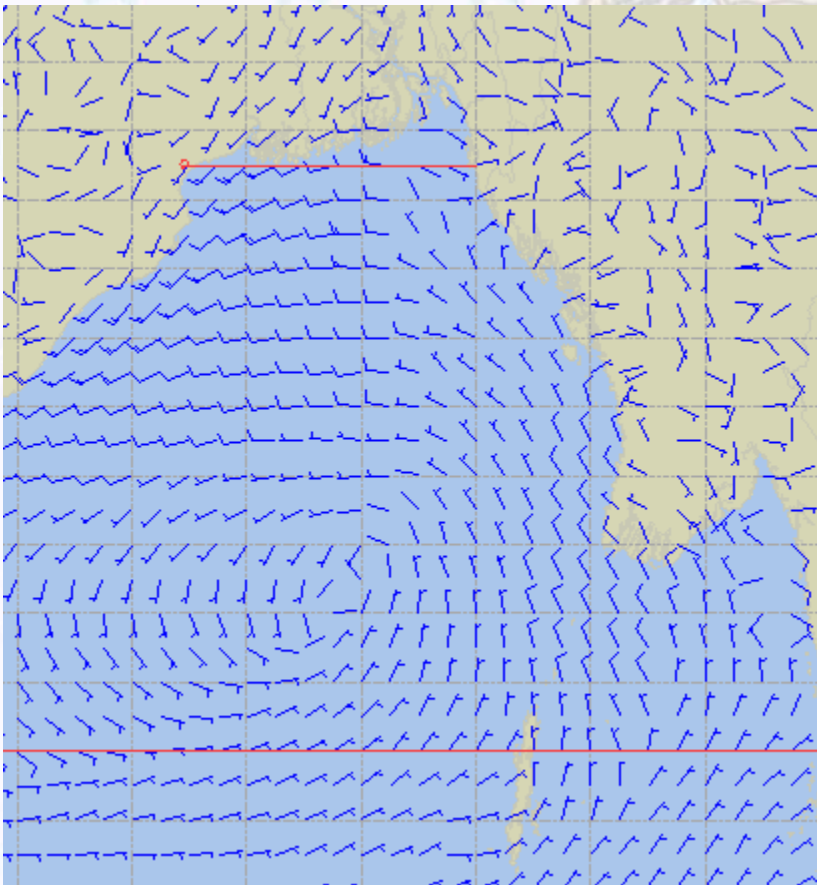




# Surface Wind Forecast – 3 Apr & 4 Apr- 2020

## 3 Apr 2020 Friday

## 4 Apr 2020 Saturday



### Legend:



Calm Winds



5 Knots



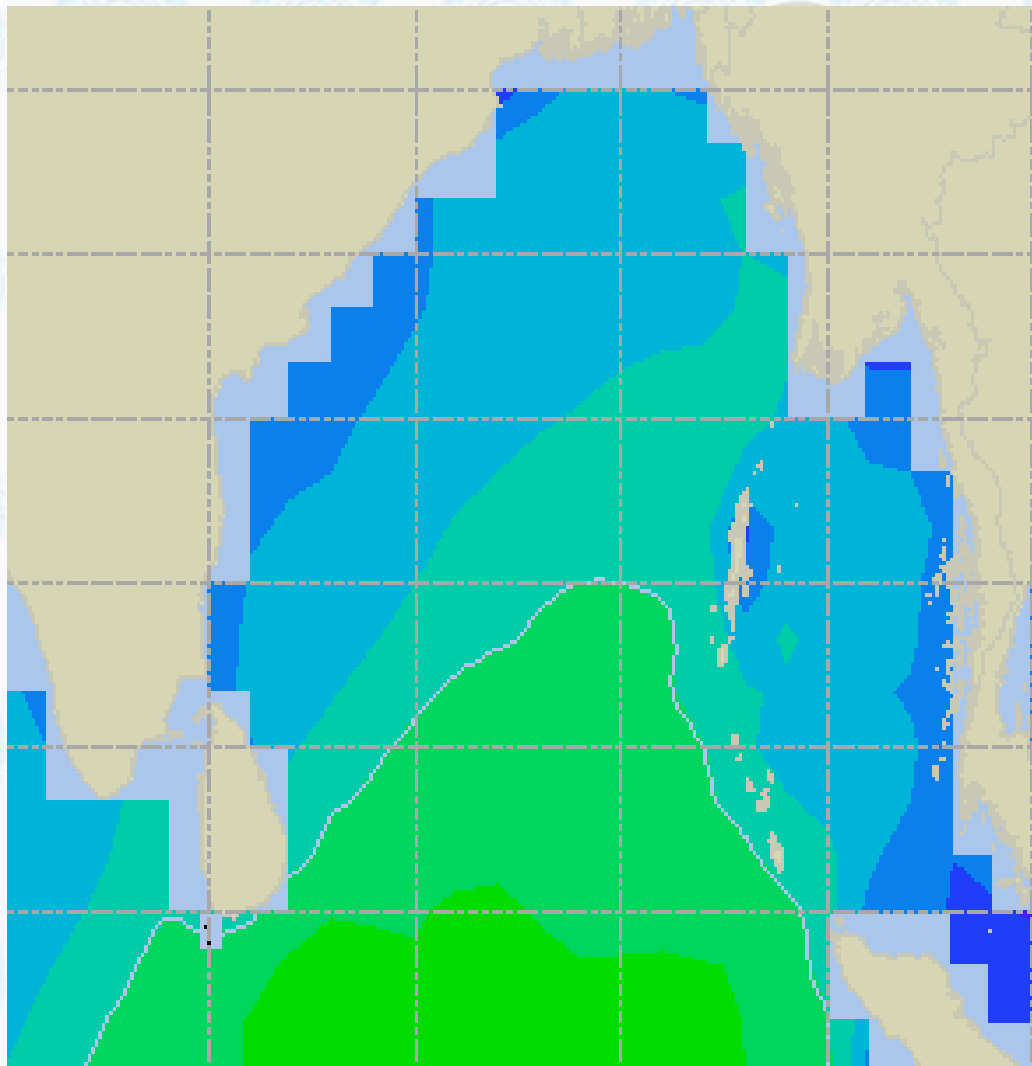
10 Knots



60 Knots



# Sea State Forecast - 2 Apr - 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



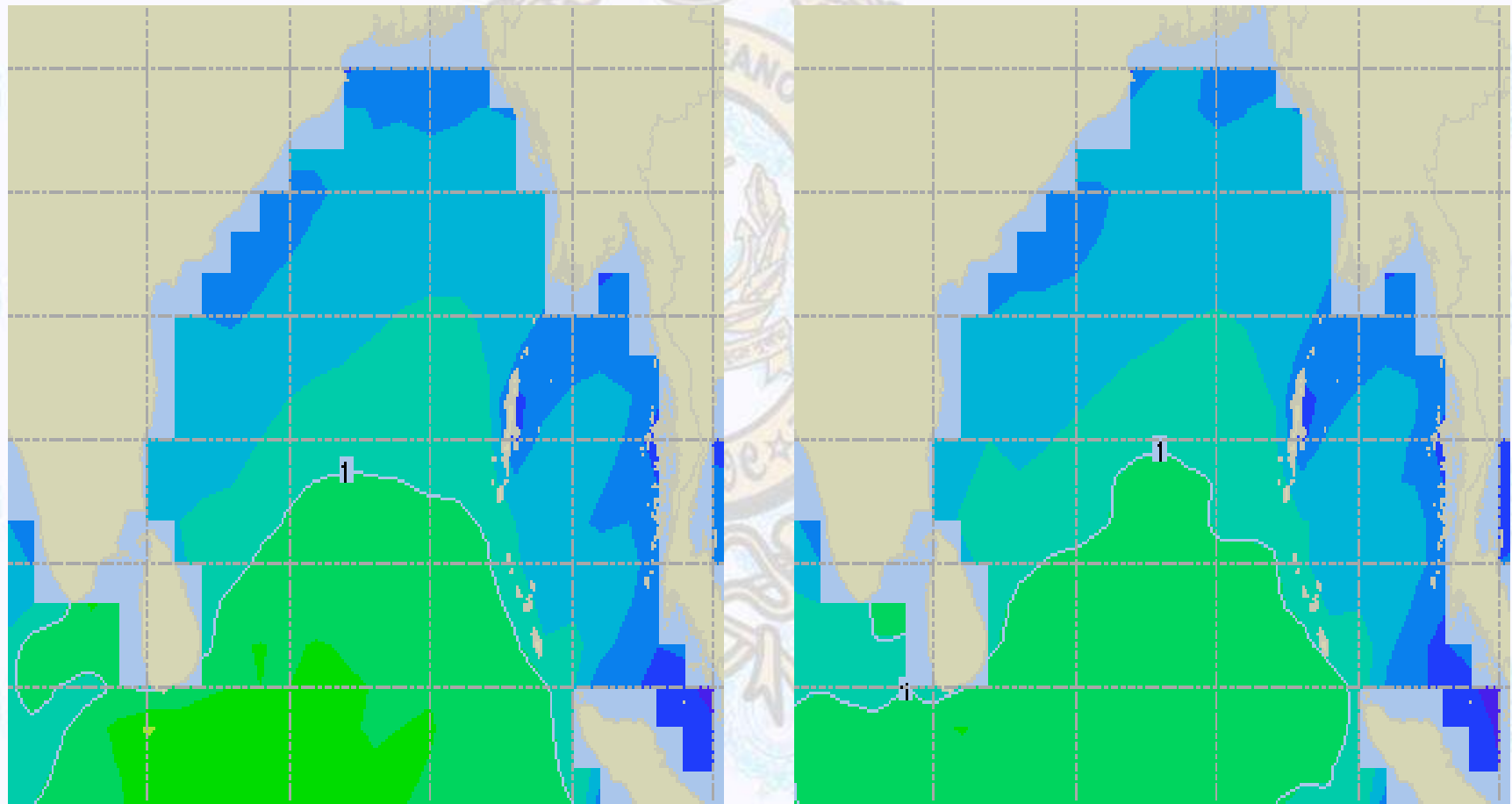




# Sea State Forecast - 3 Apr & 4 Apr- 2020

3 Apr 2020 Friday

4 Apr 2020 Saturday

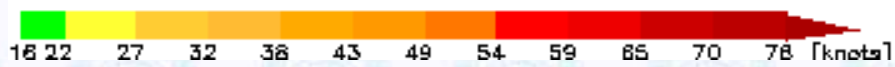
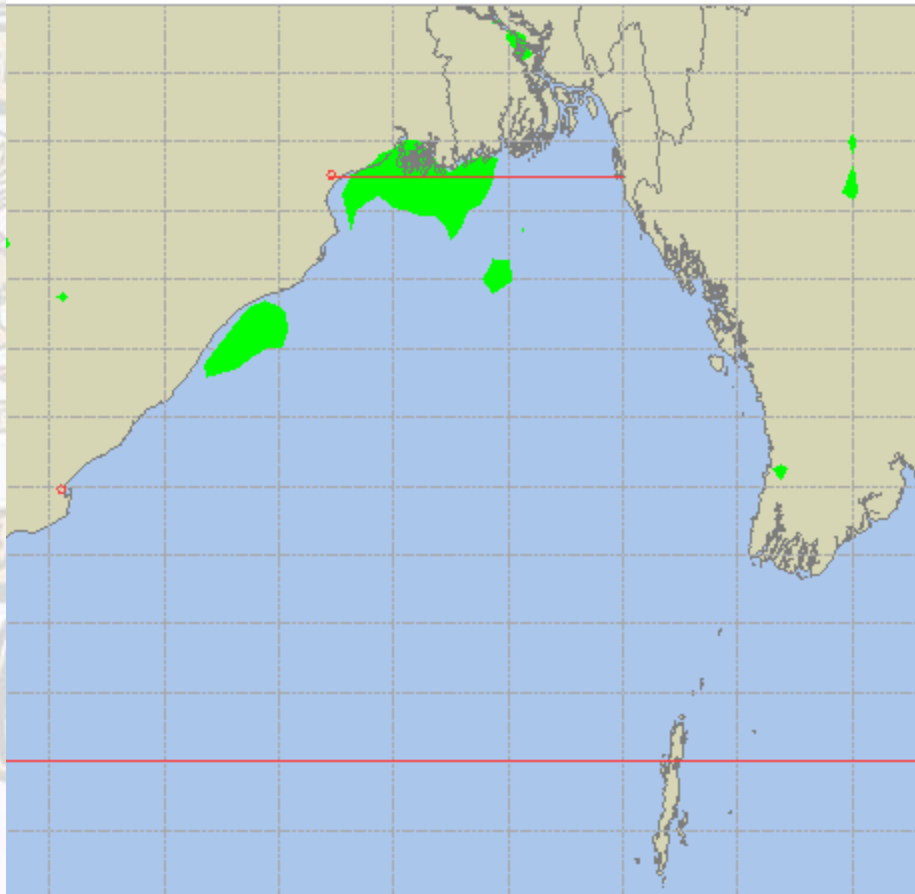
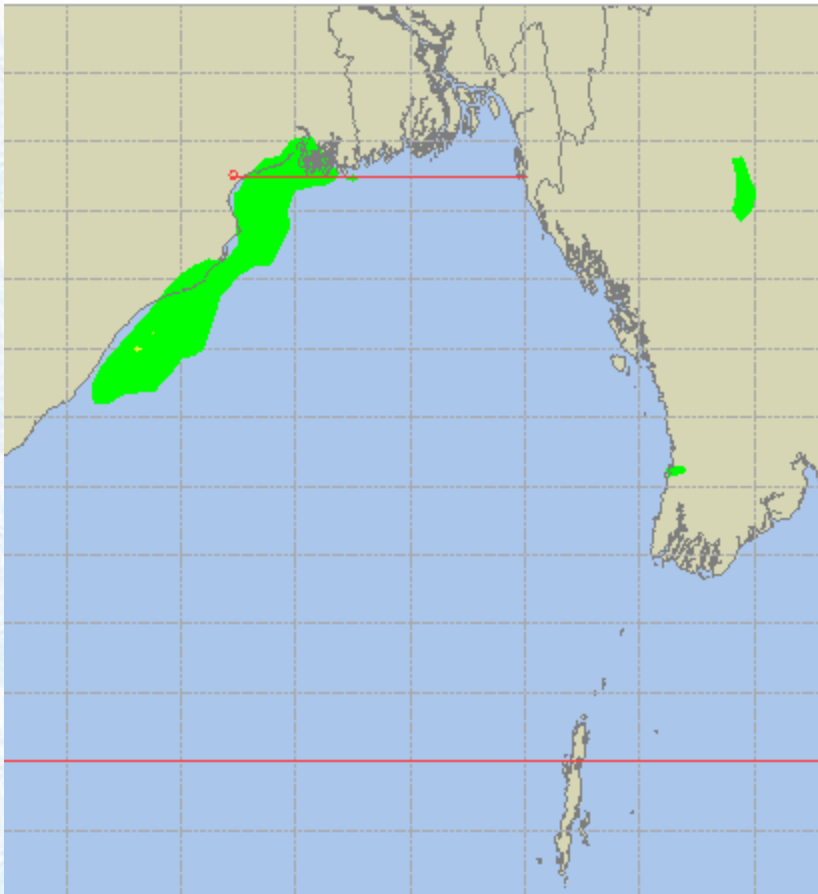




# Peak Gusting Possibilities – 02 & 03 Apr 2020

2 Apr 2020 Thursday

3 Apr 2020 Friday

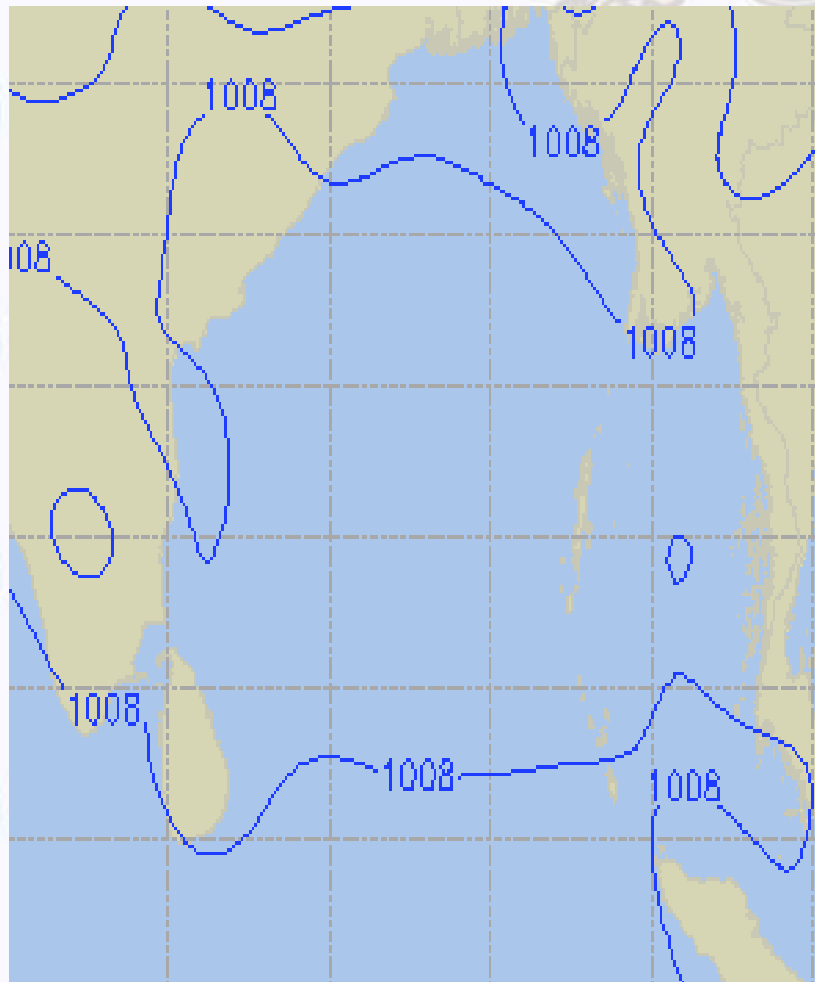




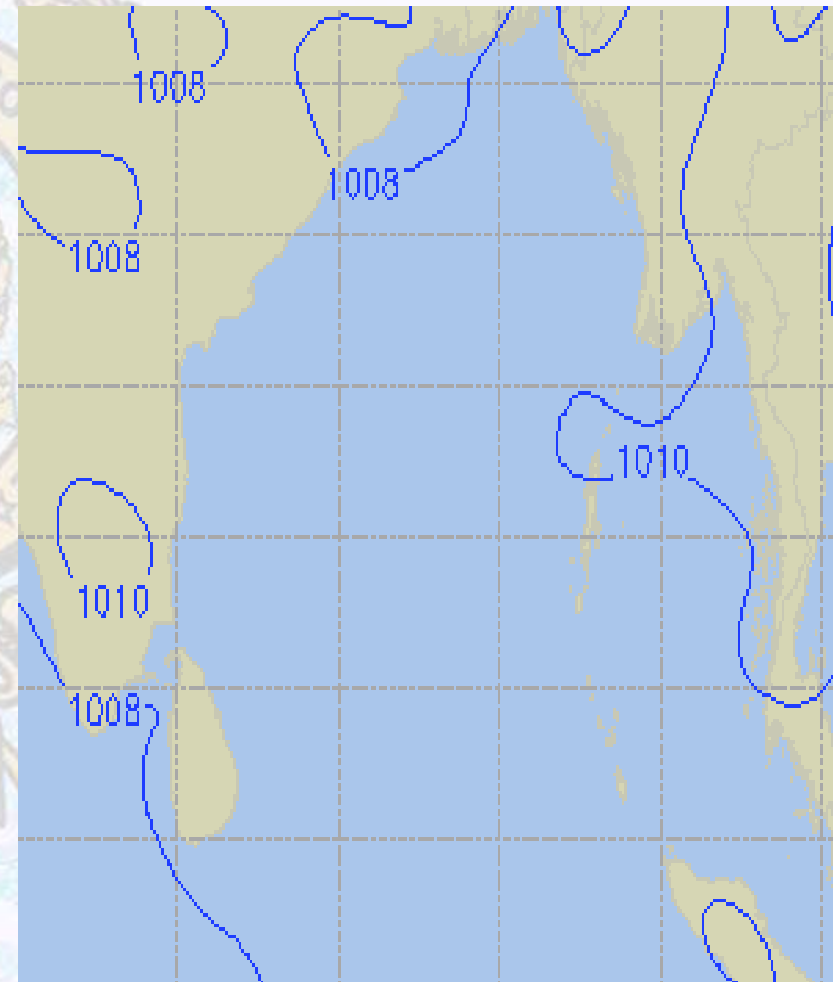


# Surface Pressure forecast – 02 & 03 Apr 2020

2 Apr 2020 Thursday



3 Apr 2020 Friday

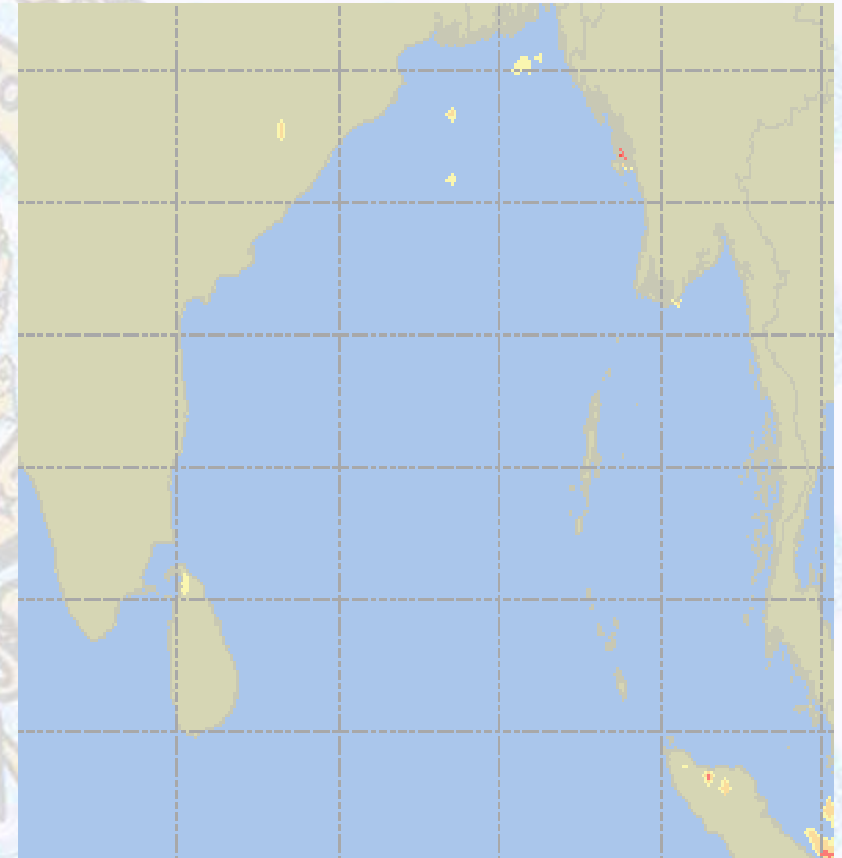
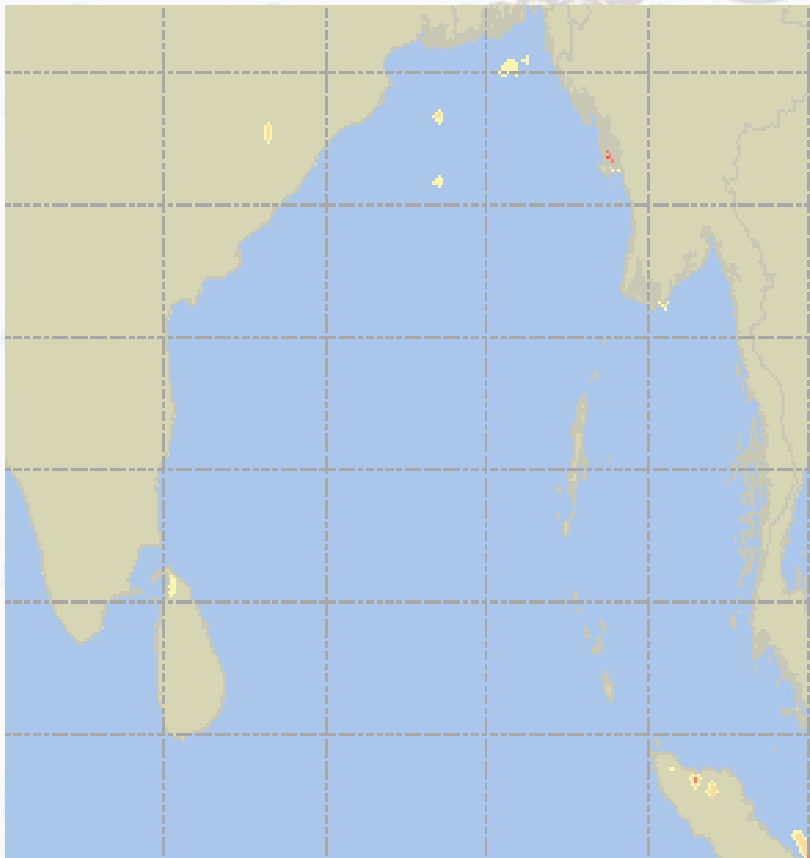




# Visibility at Sea Forecast – 02 & 03 Apr - 2020

2 Apr 2020 Thursday

3 Apr 2020 Friday



**Visibility Scale:**



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

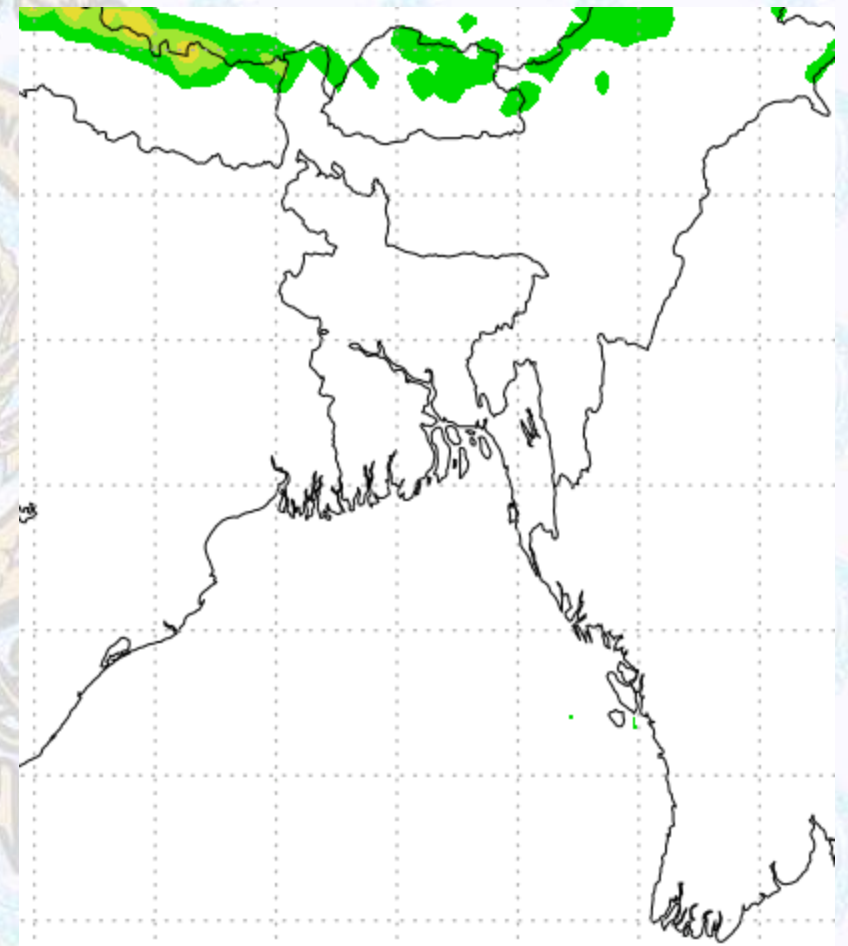
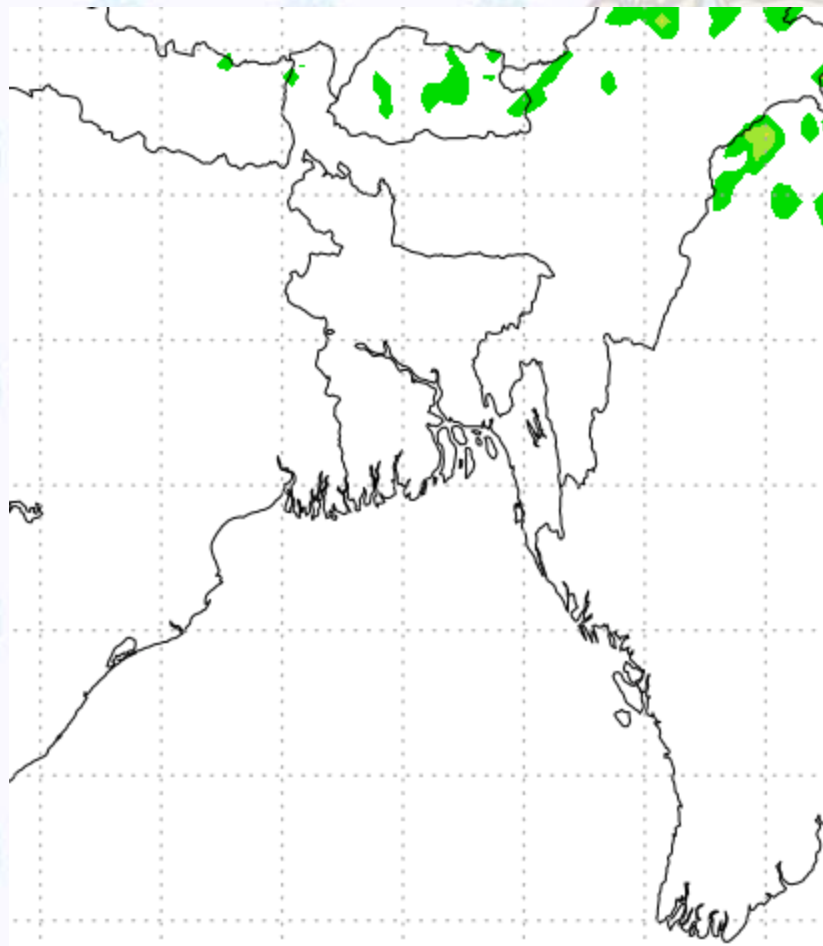




# Precipitation

Rain(mm) 02 & 03 Apr 2020

Rain(mm) 03 & 04 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0055		1.28			0427	2.16
<b>2 Apr 2020</b>	0702	3.12		1044	0.94		1035	1.14
	1315	1.35		1719	2.43		1715	2.31
	1945	3.59		2358	0.96		-	-
	Time	Height		Time	Height		Time	Height
<b>3 Apr 2020</b>	0236	1.31		0601	2.19		0010	1.22
	0838	3.20		1222	0.97		0605	2.03
	1454	1.37		1849	2.58		1218	1.12
	2107	3.75		-	-		1849	2.42
	Time	Height		Time	Height		Time	Height
<b>4 Apr 2020</b>	0406	1.11		0133	0.85		0138	1.02
	1003	3.53		0729	2.45		0743	2.25
	1623	1.18		1355	0.85		1345	0.96
	2217	4.03		1958	2.86		2002	2.62