



# WEATHER FORECAST FOR BN

*07-10 APR 2020*





# WEATHER FORECAST – DHAKA

## 07.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37 / 16	36 / 15	30 / 18	28 / 21
Wind	6 km/h W	7 km/h W	9 km/h ESE	10 km/h SSW
Humidity	30%	28%	49%	64%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	8%	4%	1%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 45 AM 6: 17 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 12.87 km

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





# WEATHER FORECAST – CHATTOGRAM

## 07.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	31 / 25	28 / 26	27 / 26
Wind	6 km/h WSW	10 km/h WSW	12 km/h WSW	13 km/h W
Humidity	65%	69%	86%	97%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	20%	1%	1%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 40 AM 6: 10 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 07.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 19	36 / 20	30 / 23	28 / 24
Wind	5 km/h W	9 km/h W	11 km/h SSW	9 km/h SW
Humidity	37%	40%	67%	79%
Chance of Precip.	4%	10%	3%	6%
Cloud Cover	10%	16%	4%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 50 AM 6: 20 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	8 Apr 2020	9 Apr 2020	10 Apr 2020
<b>Temperature (C)</b>	35 °C/ 25 °C	34 °C/ 25 °C	33 °C/ 24 °C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h47m00s/18h22m00s	5h46m00s/18h23m00s	5h45m00s/18h23m00s
<b>Day Length</b>	12h30m06s	12h31m06s	12h32m06s
<b>Moon Rise/ Set</b>	06:40AM 05:58PM	07:46AM 06:40PM	08:51AM 07:25PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 99%	Waxing Gibbous, 97%	Waxing Gibbous, 92%
<b>NauticalTwilight</b>	0502,1903	0502,1903	0501,1904
<b>Civil Twilight</b>	0530,1835	0530,1835	0531,1836
<b>Humidity</b>	D : 35%    N : 85%	D : 34%    N : 88%	D : 37%    N : 87%
<b>Barometer (mb)</b>	1009	1011	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	07 Km/h WSW	06 Km/h WSW	08 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	8 Apr 2020	9 Apr 2020	10 Apr 2020
<b>Temperature (C)</b>	36°C/ 26°C	35°C/ 26°C	36°C/ 25°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h41m00s/18h12m02s	5h40m00s/18h13m02s	5h40m00s/18h11m02s
<b>Day Length</b>	12h26m48s	12h27m48s	12h28m48s
<b>Moon Rise/ Set</b>	06:33AM 05:52PM	07:45AM 06352PM	08:43AM 07:21PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 99%	Waxing Gibbous, 97%	Waxing Gibbous, 92%
<b>NauticalTwilight</b>	0457, 1852	0457, 1852	0457, 1851
<b>Civil Twilight</b>	0511, 1831	0511, 1831	0510, 1831
<b>Humidity</b>	D : 35% N : 89%	D : 25% N : 89%	D : 33% N : 82%
<b>Barometer (mb)</b>	1011	1010	1012
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	11 Km/h SSW	09 Km/h SSW	08 Km/h SSW

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





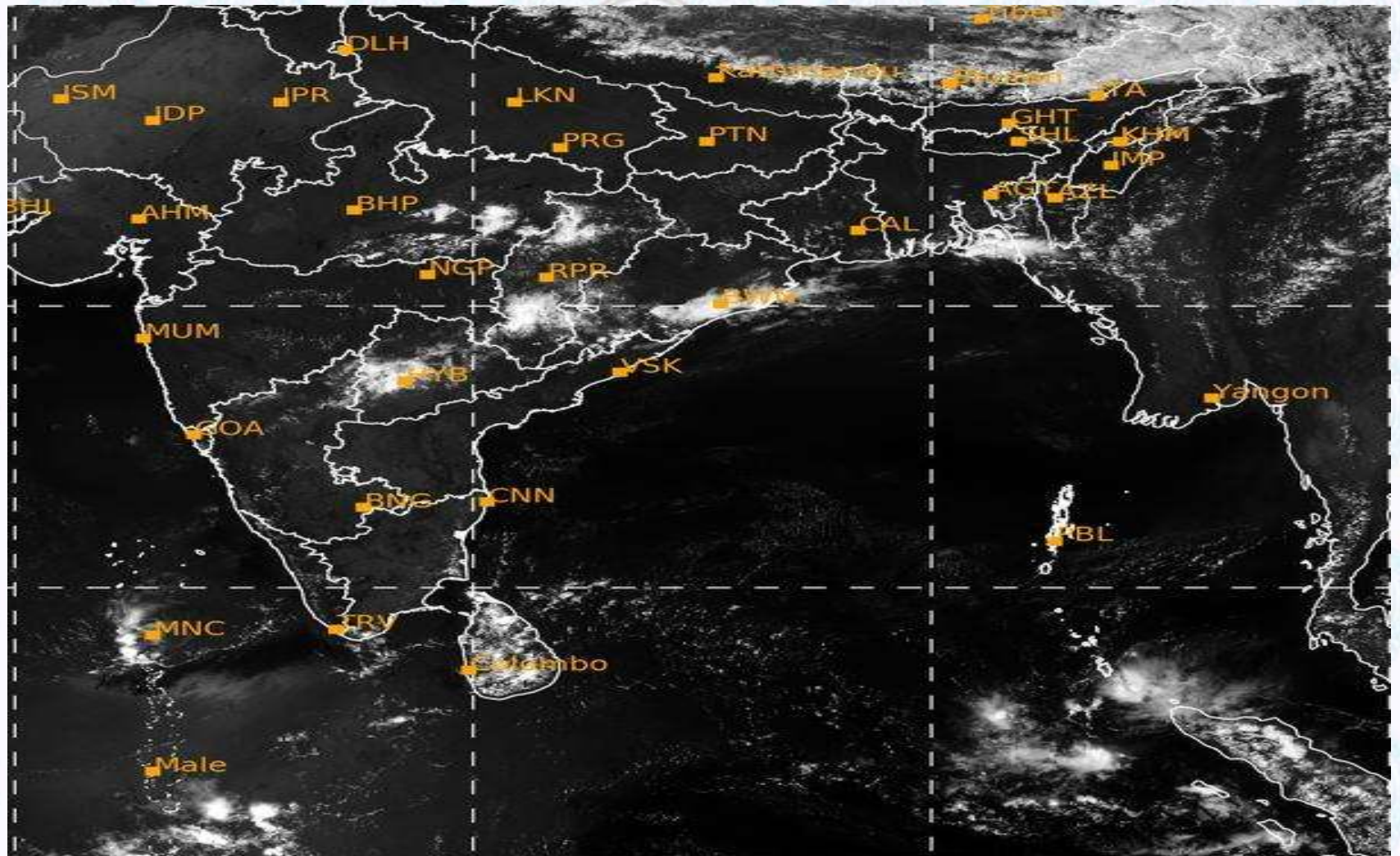
# GENERAL WEATHER FORECAST – KHULNA

Description	8 Apr 2020	9 Apr 2020	10 Apr 2020
<b>Temperature(C)</b>	34°C/ 25°C	34°C/ 24°C	35°C/ 26°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h49m30s/18h21m00s	5h48m30s/18h21m00s	5h47m30s/18h22m00s
<b>Day Length</b>	12h30m02s	12h31m02s	12h32m02s
<b>Moon Rise/Set</b>	06:43AM 06:02PM	07:40AM 06:45PM	08:54AM 07:31PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 99%	Waxing Gibbous, 97%	Waxing Gibbous, 92%
<b>Nautical Twilight</b>	0510, 1900	0510, 1901	0511, 1901
<b>Civil Twilight</b>	0532, 1838	0531, 1838	0531, 1839
<b>Humidity</b>	D : 25%    N : 89%	D : 33%    N : 89%	D : 30%    N : 88%
<b>Barometer (mb)</b>	1010	1011	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	6 km/h NW	9 km/h NW	10 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



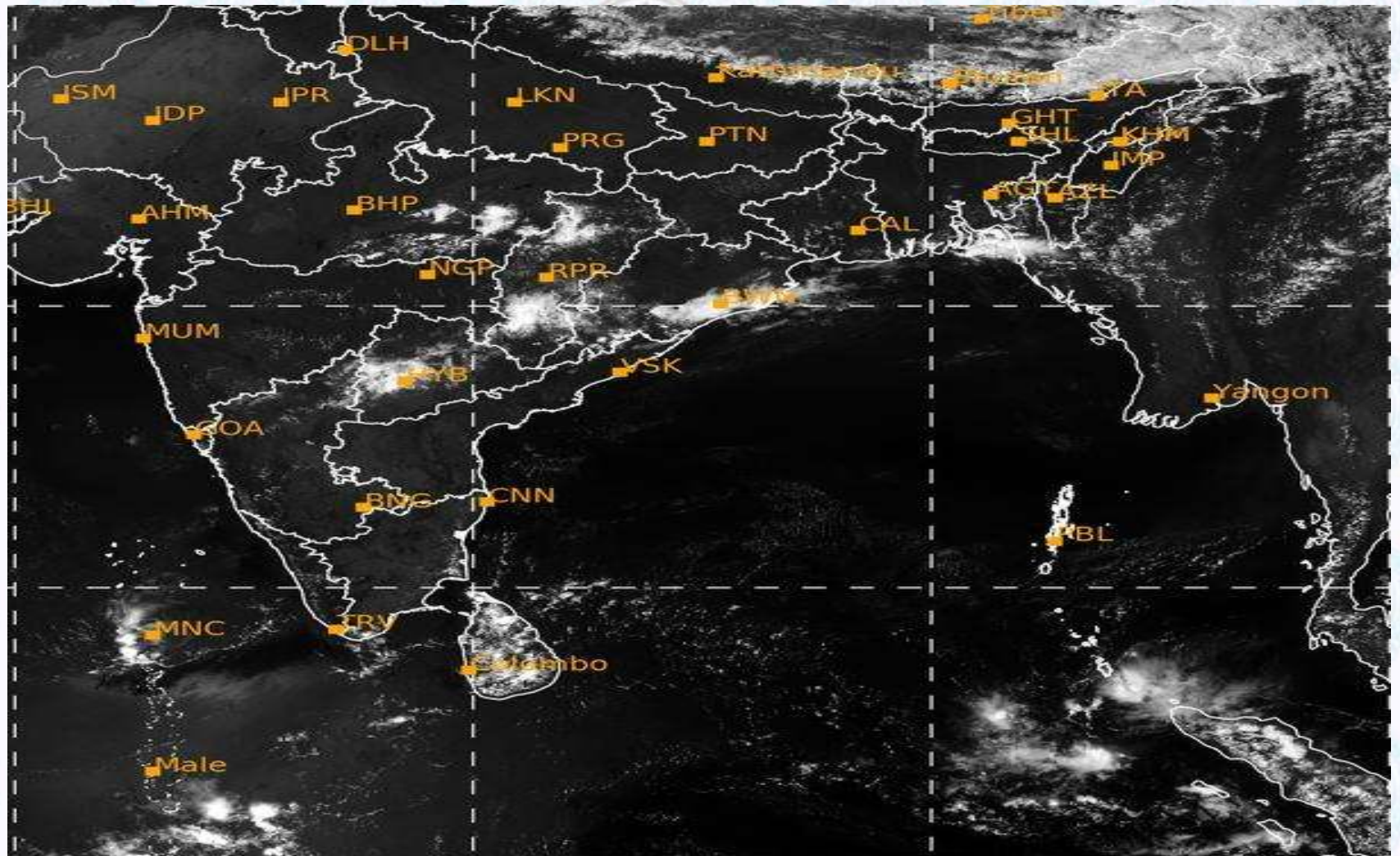
07/04/2020, 14:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



07/04/2020, 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 07.04.2020)

<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, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =07,0000 UTC. CHATTOGRAM =1009 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 07.04.2020)

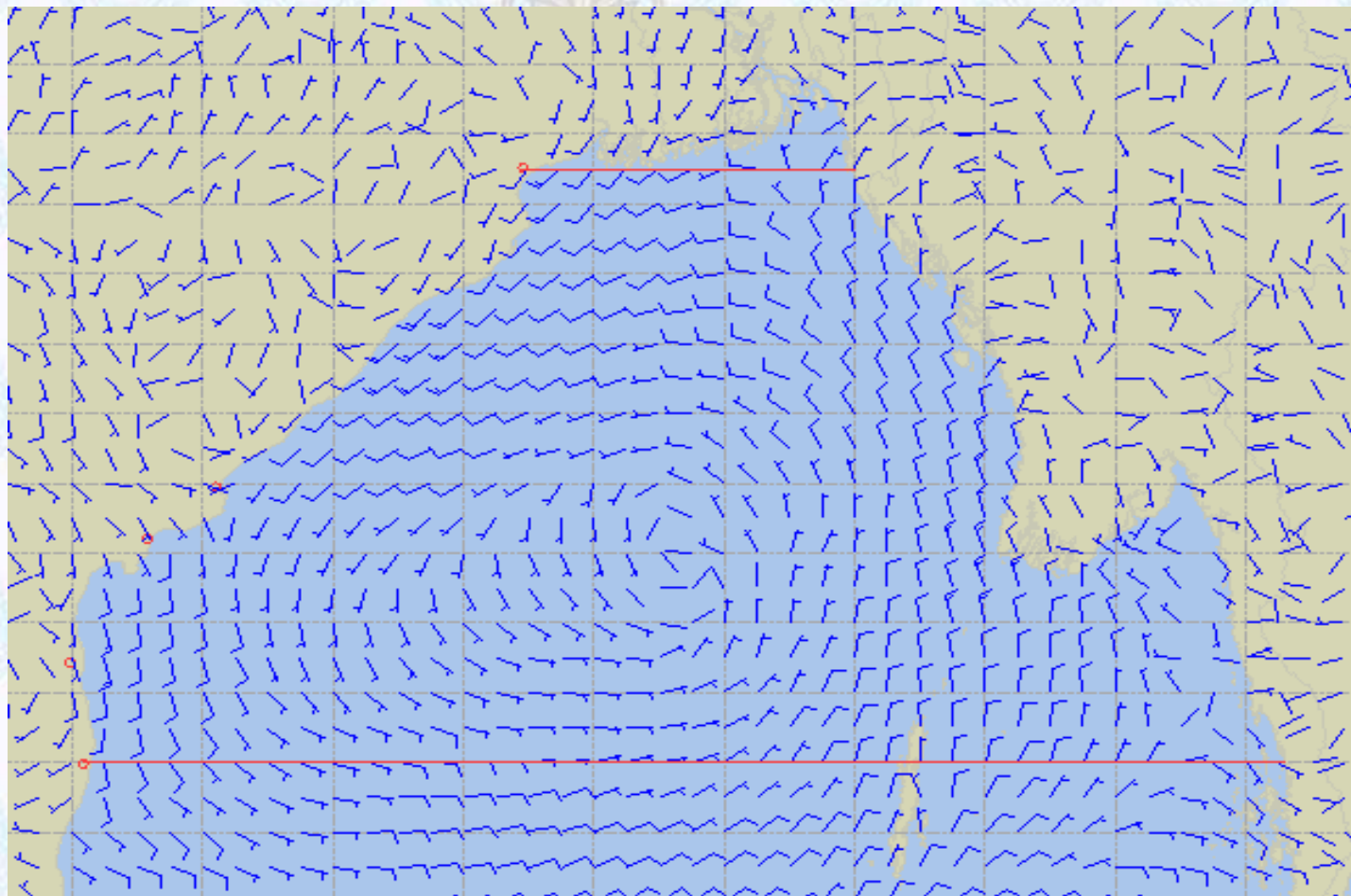
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 8 Apr - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

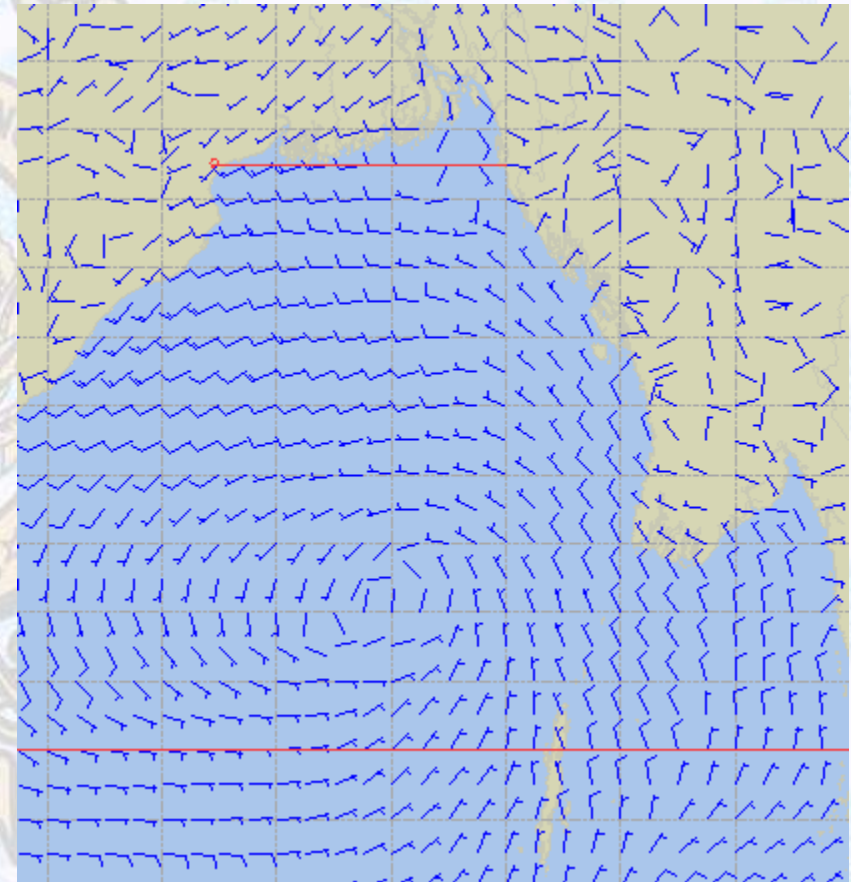
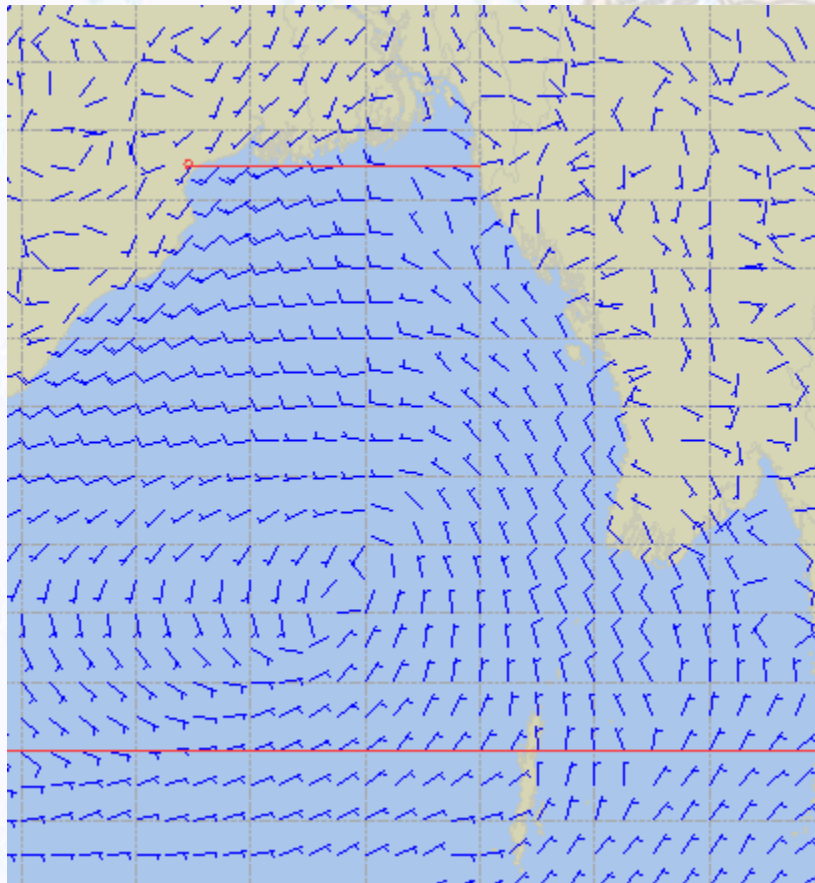




# Surface Wind Forecast – 9 Apr & 10 Apr- 2020

9 Apr 2020 Thursday

10 Apr 2020 Friday



**Legend:**



**Calm  
Winds**



**5 Knots**



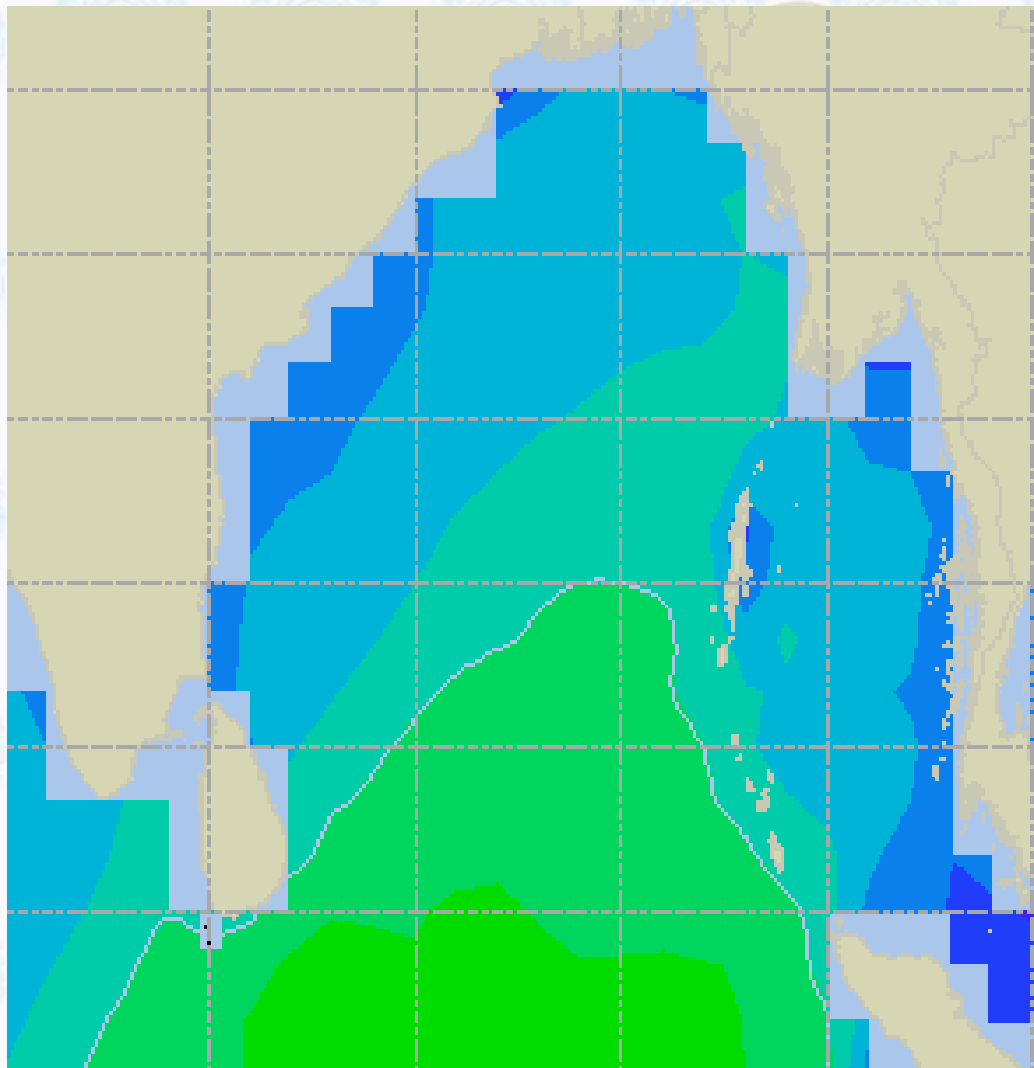
**10 Knots**



**60 Knots**



# Sea State Forecast - 8 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



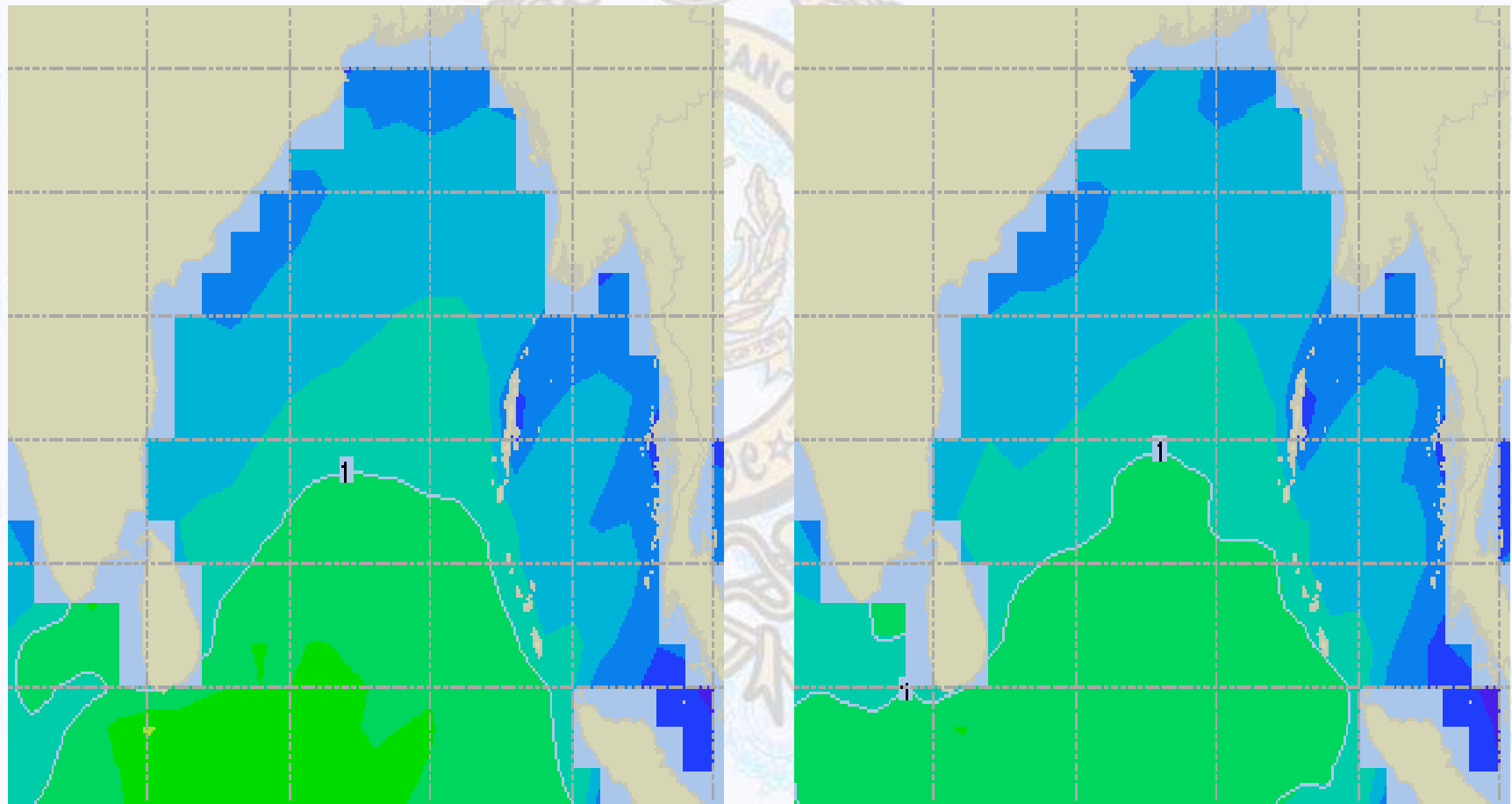




# Sea State Forecast - 9 Apr & 10 Apr- 2020

9 Apr 2020 Thursday

10 Apr 2020 Friday

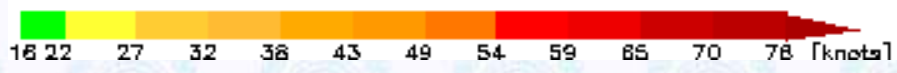
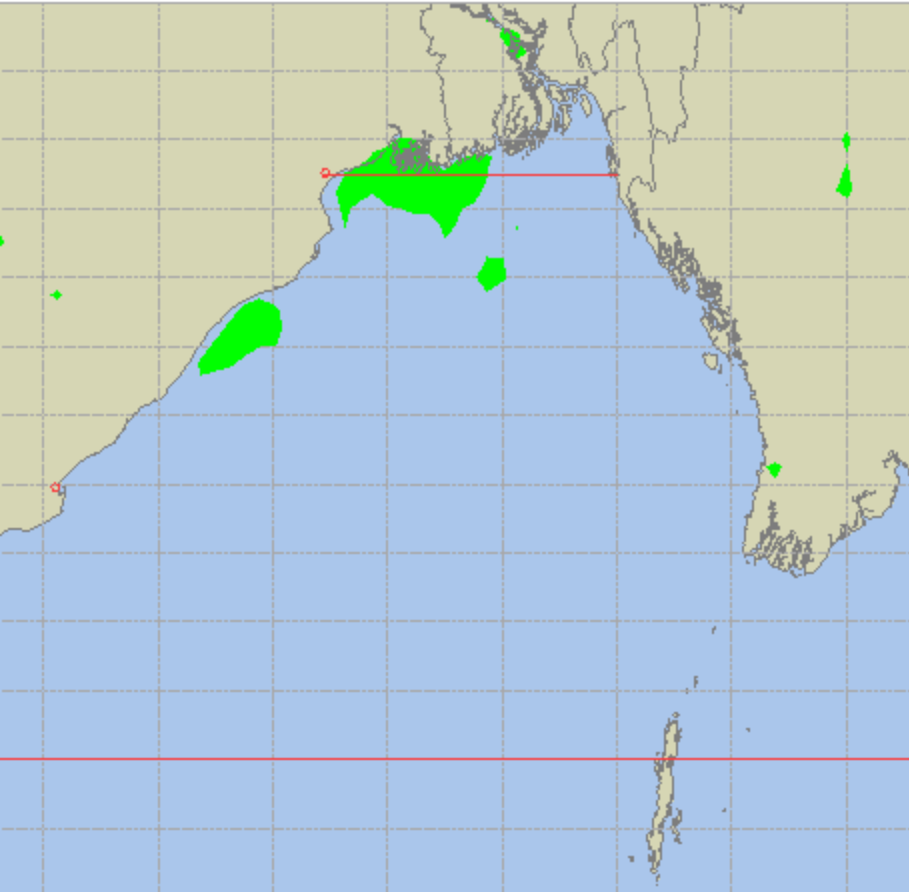
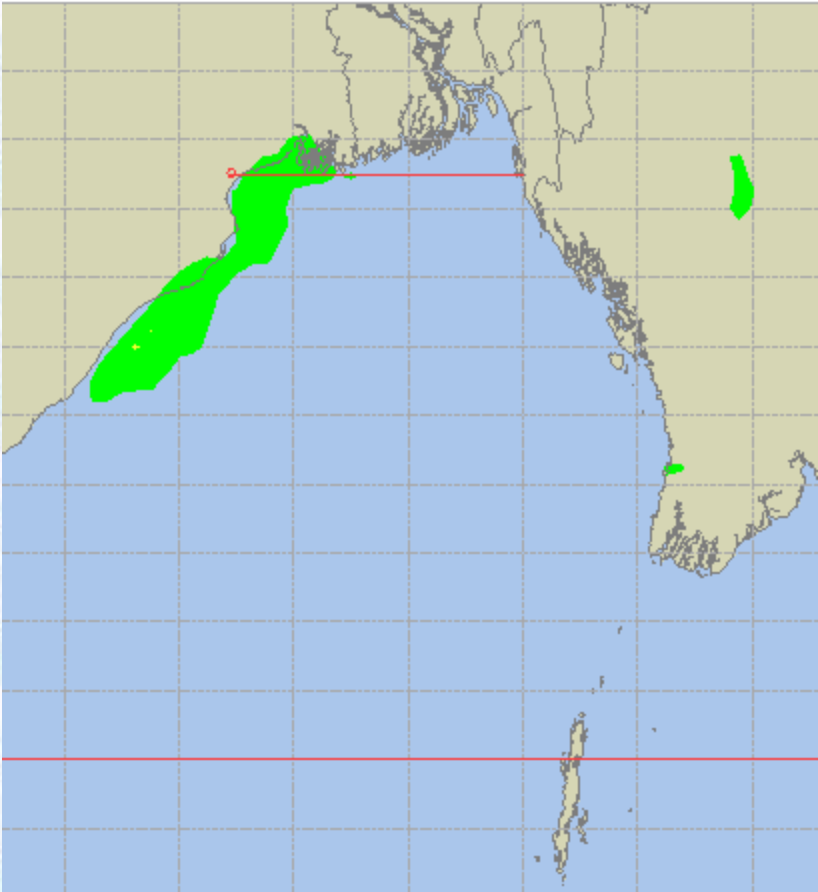




# Peak Gusting Possibilities – 08 & 09 Apr 2020

8 Apr 2020 Wednesday

9 Apr 2020 Thursday



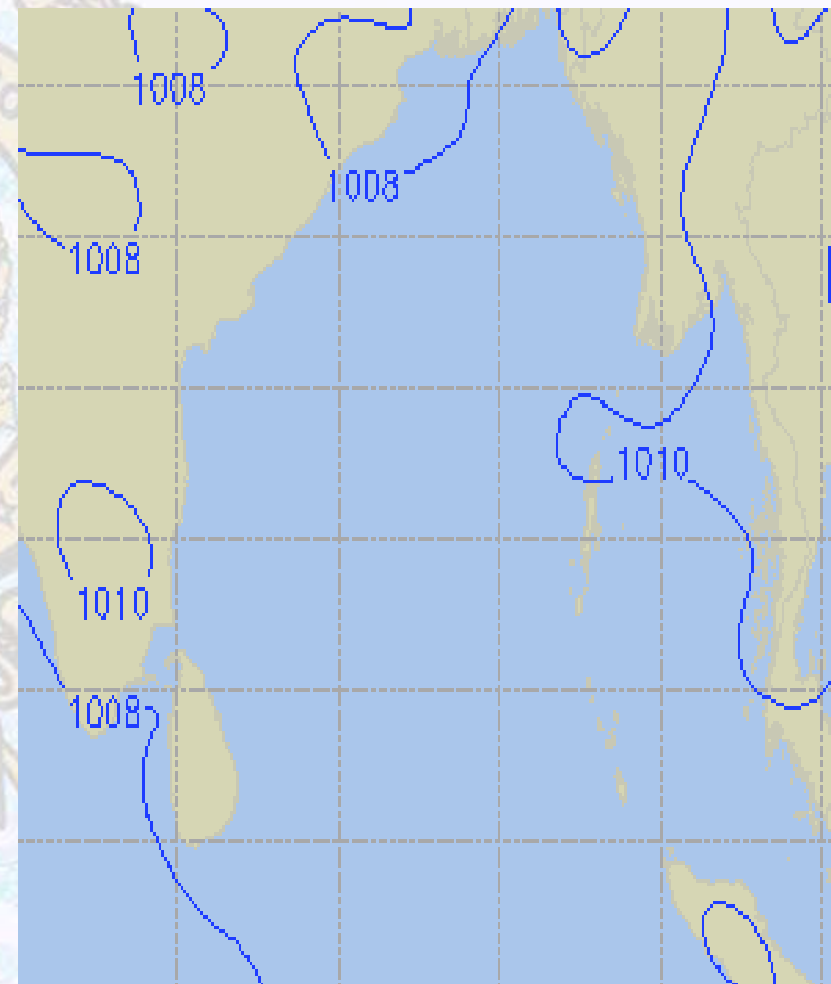
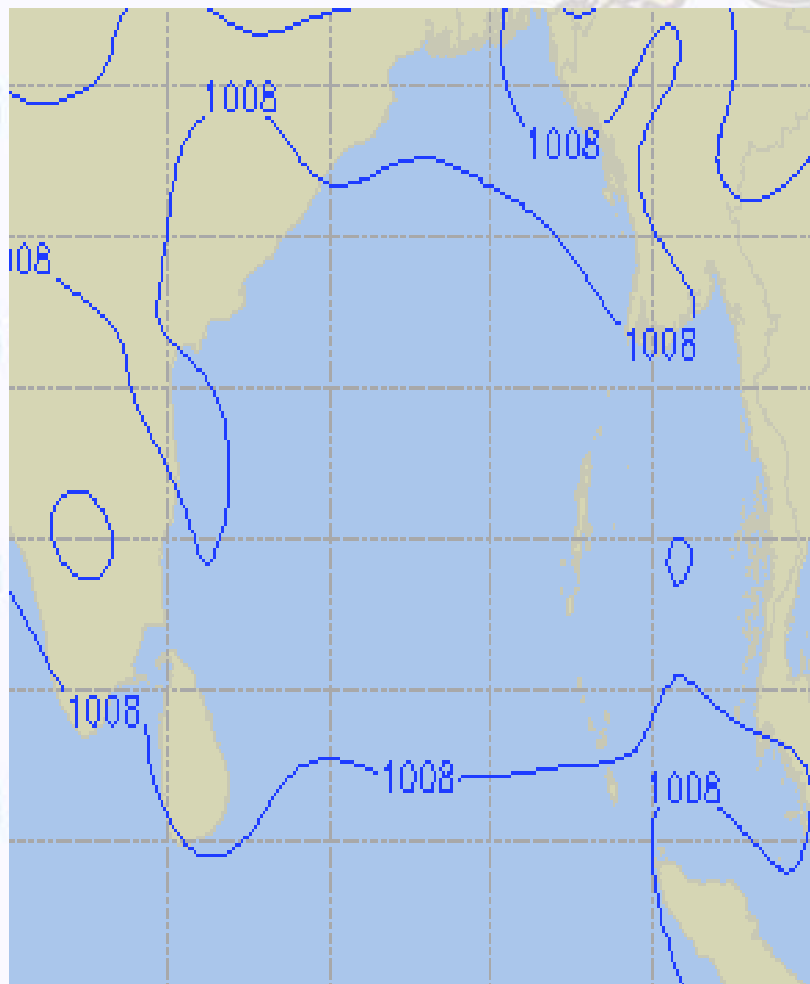




# Surface Pressure forecast – 08 & 09 Apr 2020

**8 Apr 2020 Wednesday**

**9 Apr 2020 Thursday**

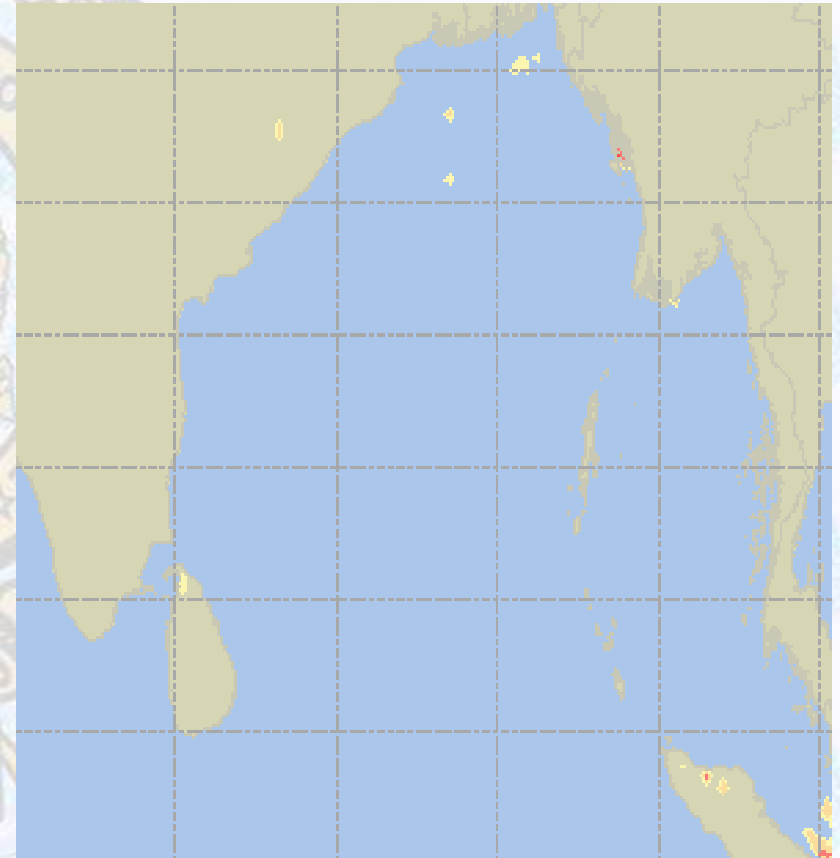
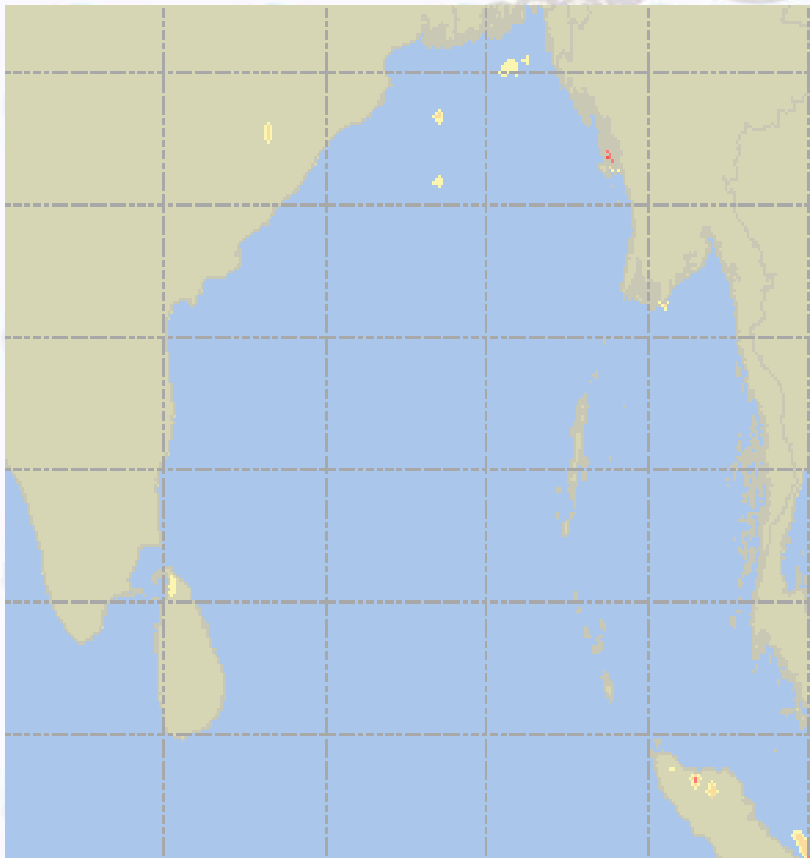




# Visibility at Sea Forecast – 08 & 09 Apr - 2020

8 Apr 2020 Wednesday

9 Apr 2020 Thursday



**Visibility Scale:**



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

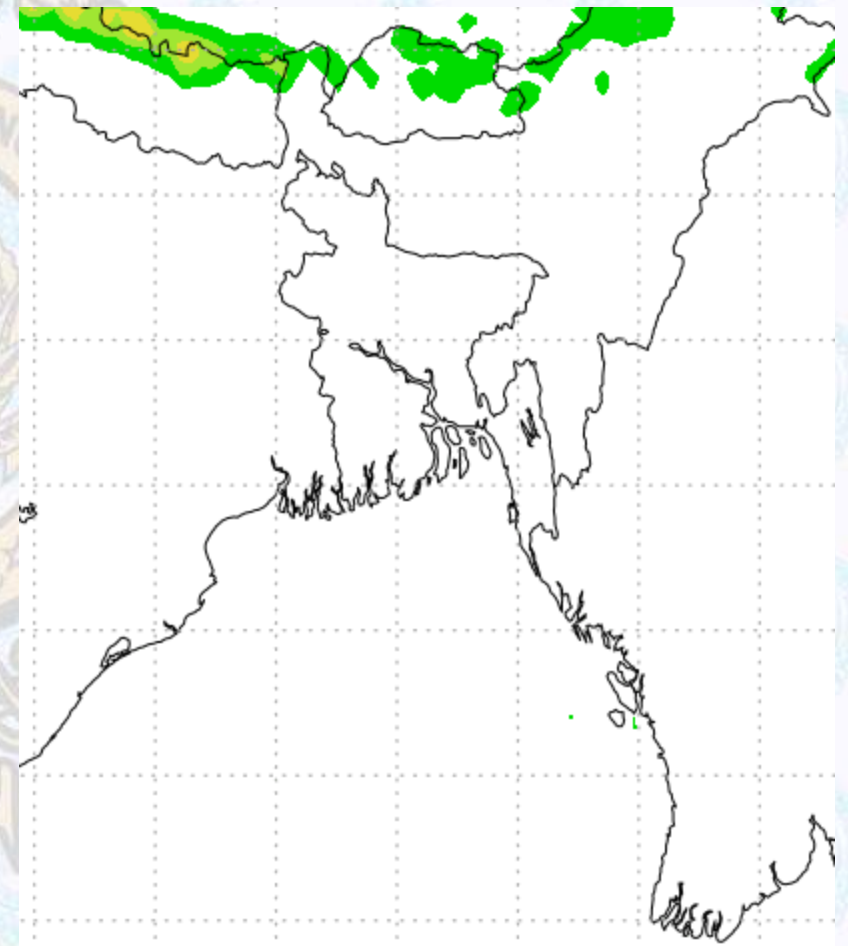
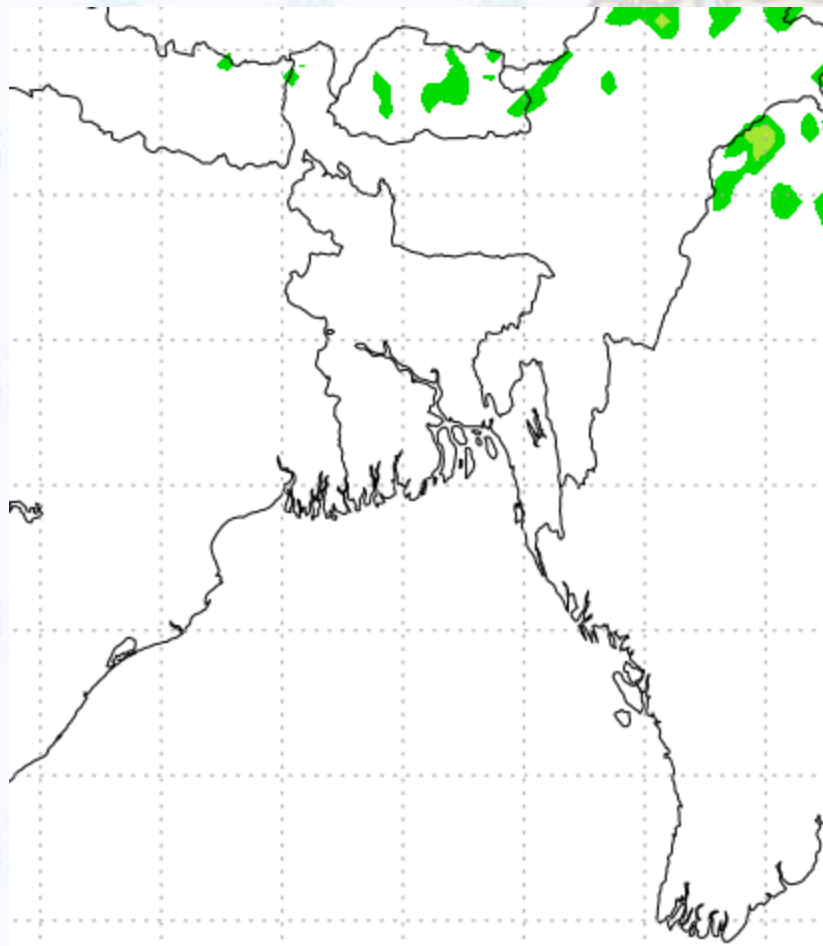




# Precipitation

Rain(mm) 08 & 09 Apr 2020

Rain(mm) 09 & 10 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
8 Apr 2020	0043	4.68		0505	0.10		0450	0.13
	0728	0.22		1043	3.69		1052	3.19
	1310	4.77		1728	0.17		1711	0.27
	1948	0.32		2302	3.66		2306	3.08
9 Apr 2020	Time	Height		Time	Height		Time	Height
	0123	4.73		0546	0.03		0529	0.09
	0806	0.14		1124	3.75		1131	3.22
	1348	4.84		1809	0.15		1752	0.28
	2027	0.29		2343	3.60		2345	3.02
10 Apr 2020	Time	Height		Time	Height		Time	Height
	0204	4.69		0625	0.04		0605	0.15
	0843	0.16		1206	3.68		1209	3.17
	1428	4.82		1848	0.21		1831	0.38
	2108	0.34		-	-		-	-