



# WEATHER FORECAST FOR BN

*05-08 APR 2020*





# WEATHER FORECAST – DHAKA

## 05.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 16	36 / 17	28 / 19	26 / 21
Wind	7 km/h W	8 km/h W	10 km/h ESE	9 km/h SSW
Humidity	33%	40%	56%	66%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	8%	4%	1%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 47 AM 6: 16 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 km

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



# WEATHER FORECAST – CHATTOGRAM

## 05.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 23	32 / 24	29 / 23	26 / 25
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	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise	5: 42 AM			
Sunset	6: 10 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 05.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35 / 17	34 / 17	29 / 19	26 / 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	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 53 AM 6: 20 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	6 Apr 2020	7 Apr 2020	8 Apr 2020
<b>Temperature (C)</b>	35°C/ 24°C	36°C/ 25°C	35°C/ 25°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h49m00s/18h21m00s	5h48m00s/18h22m00s	5h47m00s/18h22m00s
<b>Day Length</b>	12h28m06s	12h29m06s	12h30m06s
<b>Moon Rise/ Set</b>	03:53AM 04:17PM	05:34AM 05:15PM	06:40AM 05:58PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Waxing Gibbous, 99%
<b>NauticalTwilight</b>	0503,1904	0502,1904	0502,1903
<b>Civil Twilight</b>	0529,1834	0529,1835	0530,1835
<b>Humidity</b>	D : 43%    N : 89%	D : 41%    N : 88%	D : 35%    N : 85%
<b>Barometer (mb)</b>	1012	1011	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	09 Km/h WSW	09 Km/h WSW	07 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	6 Apr 2020	7 Apr 2020	8 Apr 2020
<b>Temperature (C)</b>	36°C/ 25°C	34°C/ 25°C	36°C/ 26°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h43m00s/18h12m02s	5h42m00s/18h13m02s	5h41m00s/18h12m02s
<b>Day Length</b>	12h24m48s	12h25m48s	12h26m48s
<b>Moon Rise/ Set</b>	03:49AM 04:09PM	05:28AM 05:09PM	06:33AM 05:52PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Waxing Gibbous, 99%
<b>NauticalTwilight</b>	0458, 1853	0458, 1853	0457, 1852
<b>Civil Twilight</b>	0512, 1830	0512, 1830	0511, 1831
<b>Humidity</b>	D : 39% N : 83%	D : 39% N : 83%	D : 35% N : 89%
<b>Barometer (mb)</b>	1010	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	12 Km/h SSW	12 Km/h SSW	11 Km/h SSW

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



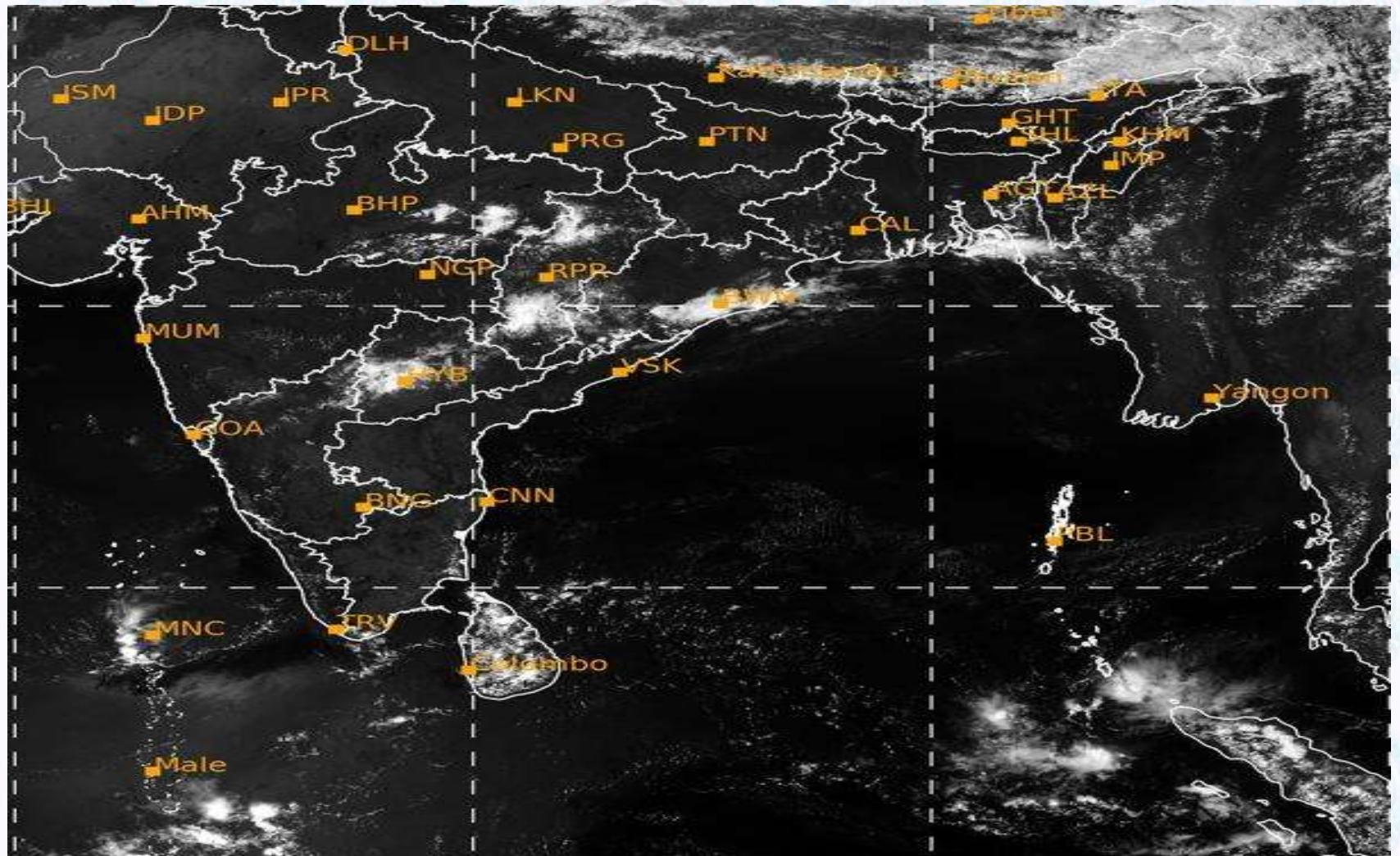
# GENERAL WEATHER FORECAST – KHULNA

Description	6 Apr 2020	7 Apr 2020	8 Apr 2020
<b>Temperature(C)</b>	36°C/ 25°C	35°C/ 25°C	34°C/ 25°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h51m30s/18h19m00s	5h50m30s/18h20m00s	5h49m30s/18h21m00s
<b>Day Length</b>	12h28m02s	12h29m02s	12h30m02s
<b>Moon Rise/Set</b>	03:59AM 04:20PM	05:39AM 05:19PM	06:43AM 06:02PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Waxing Gibbous, 99%
<b>Nautical Twilight</b>	0508, 1900	0509, 1900	0510, 1900
<b>Civil Twilight</b>	0532, 1836	0532, 1837	0532, 1838
<b>Humidity</b>	D : 23%    N : 86%	D : 36%    N : 84%	D : 25%    N : 89%
<b>Barometer (mb)</b>	1011	1012	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	7 km/h NW	8 km/h NW	6 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



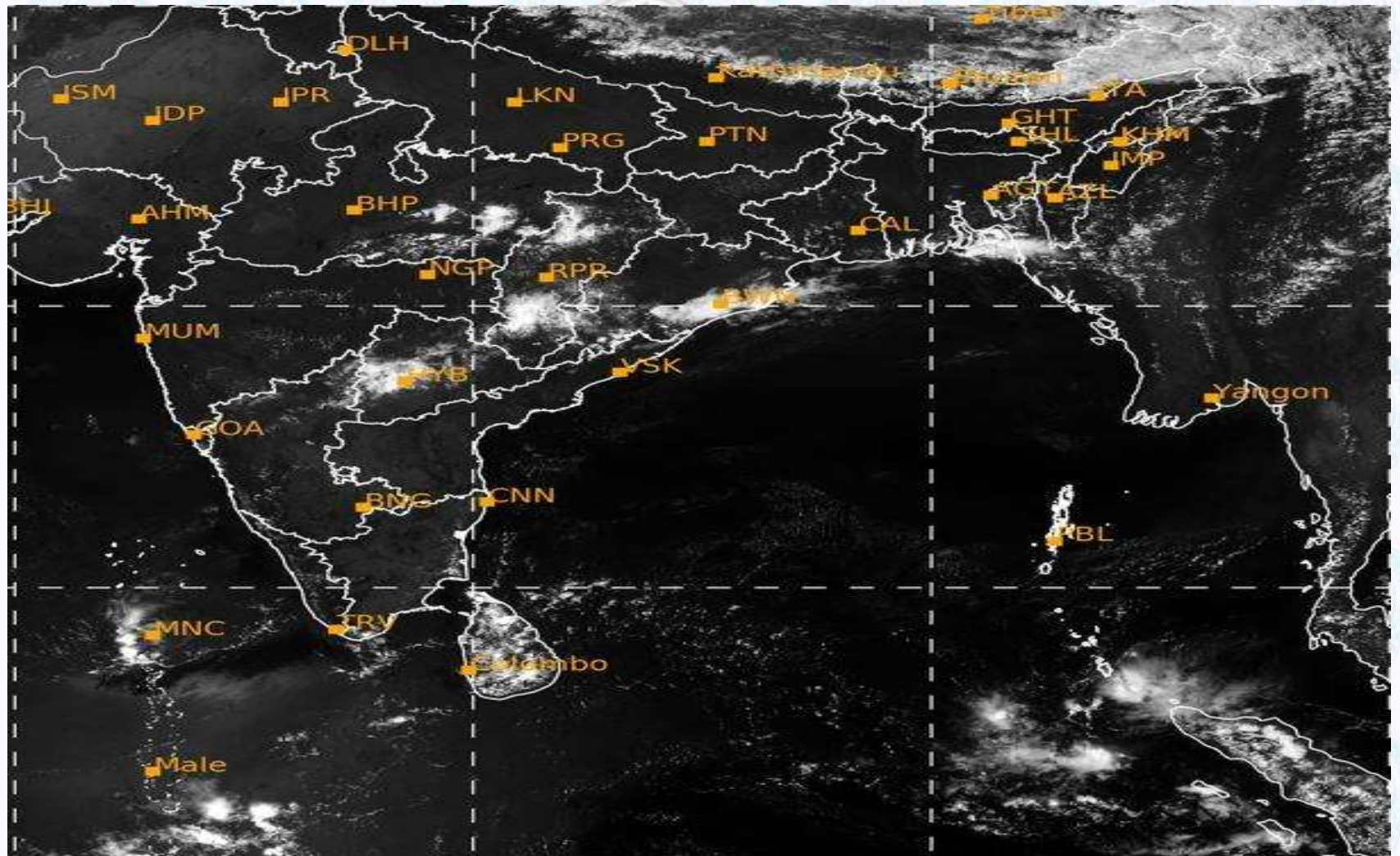
05/04/2020, 14:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



05/04/2020, 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 05.04.2020)

<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	SOUTH/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 =05,0000 UTC. CHATTOGRAM =1009 HPA



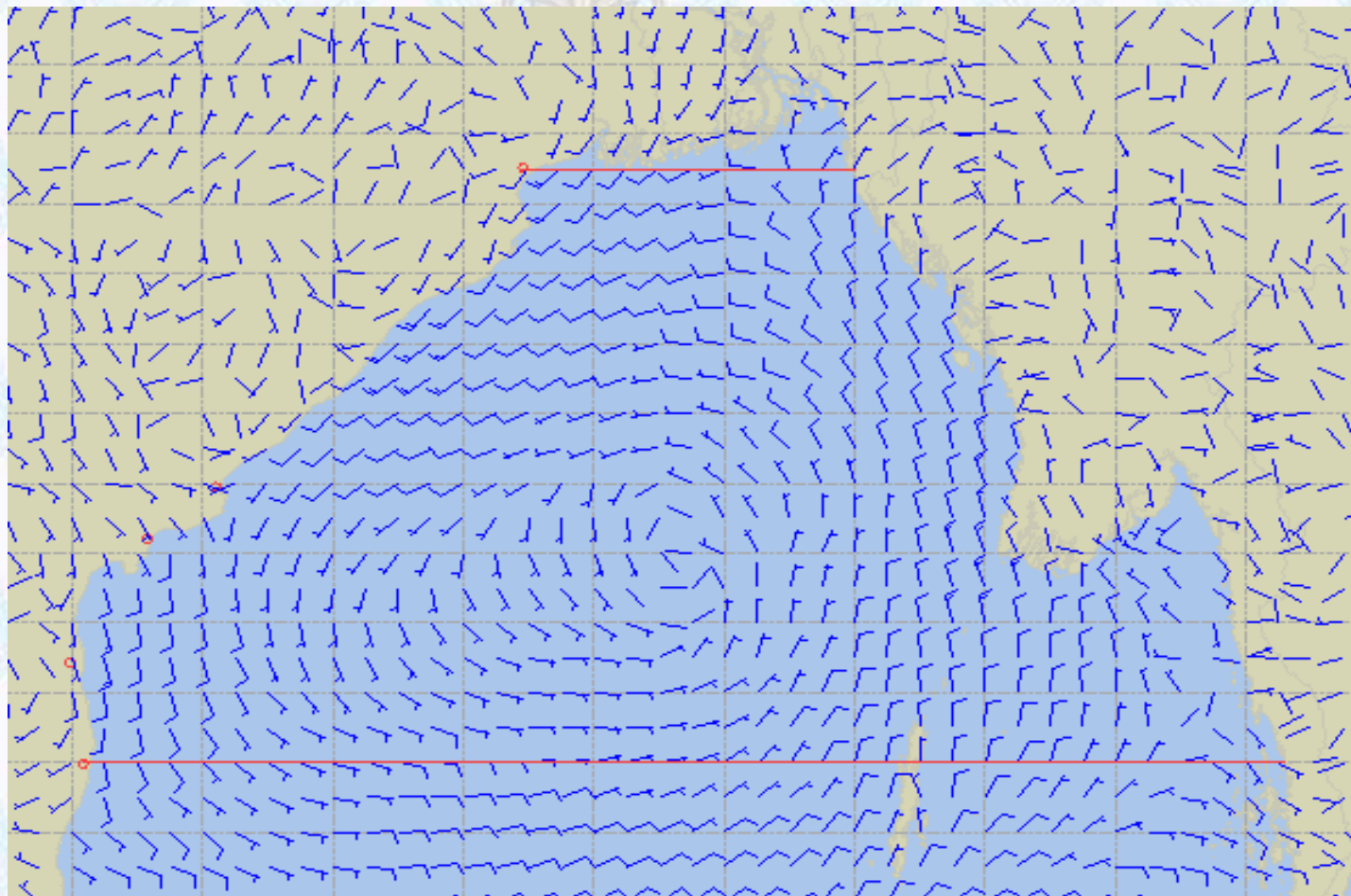
# **Inland River Port Warning** **(VALID TILL 06 PM OF 05.04.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY WEST/NORTH-WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA AND CHATTOGRAM WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 6 Apr - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



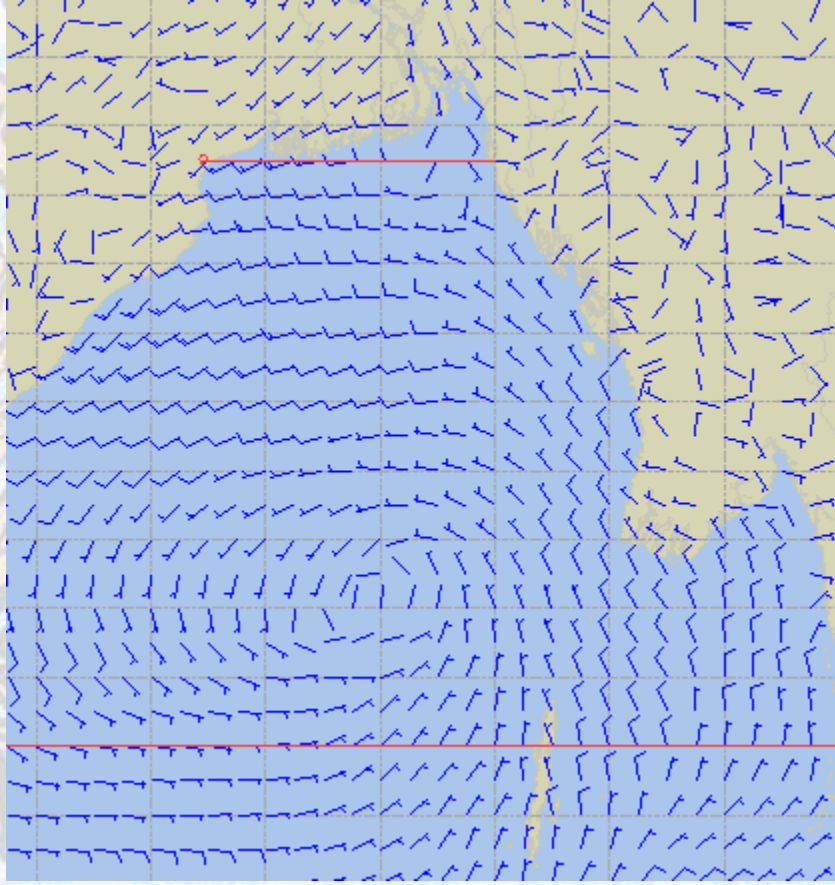
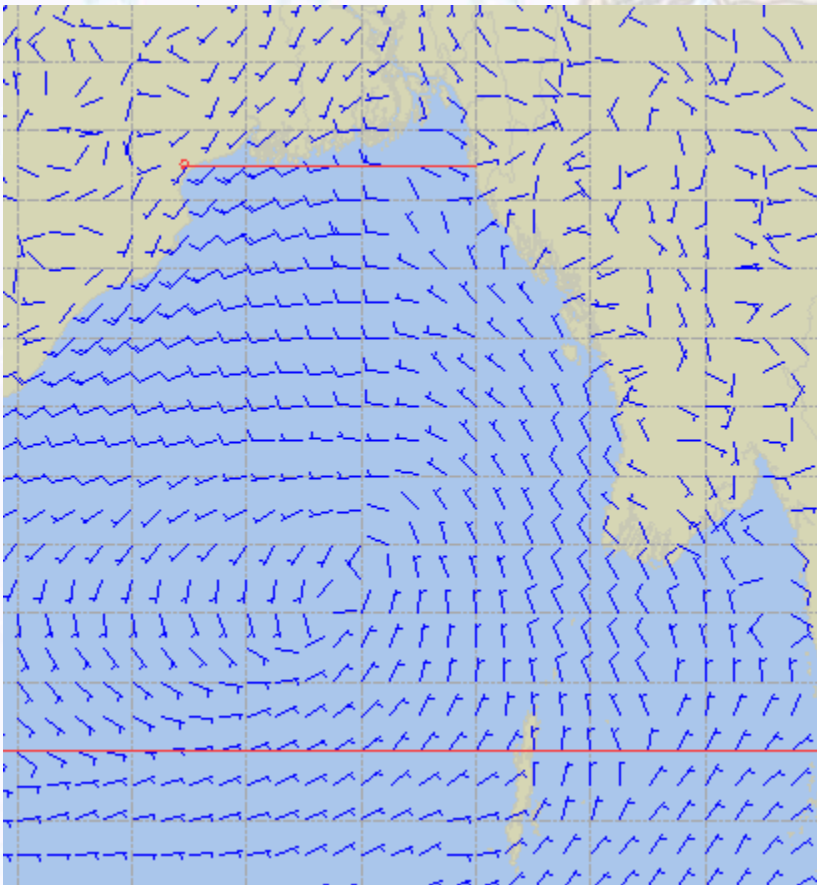
60 Knots



# Surface Wind Forecast – 7 Apr & 8 Apr- 2020

7 Apr 2020 Tuesday

8 Apr 2020 Wednesday



## Legend:



Calm Winds



5 Knots



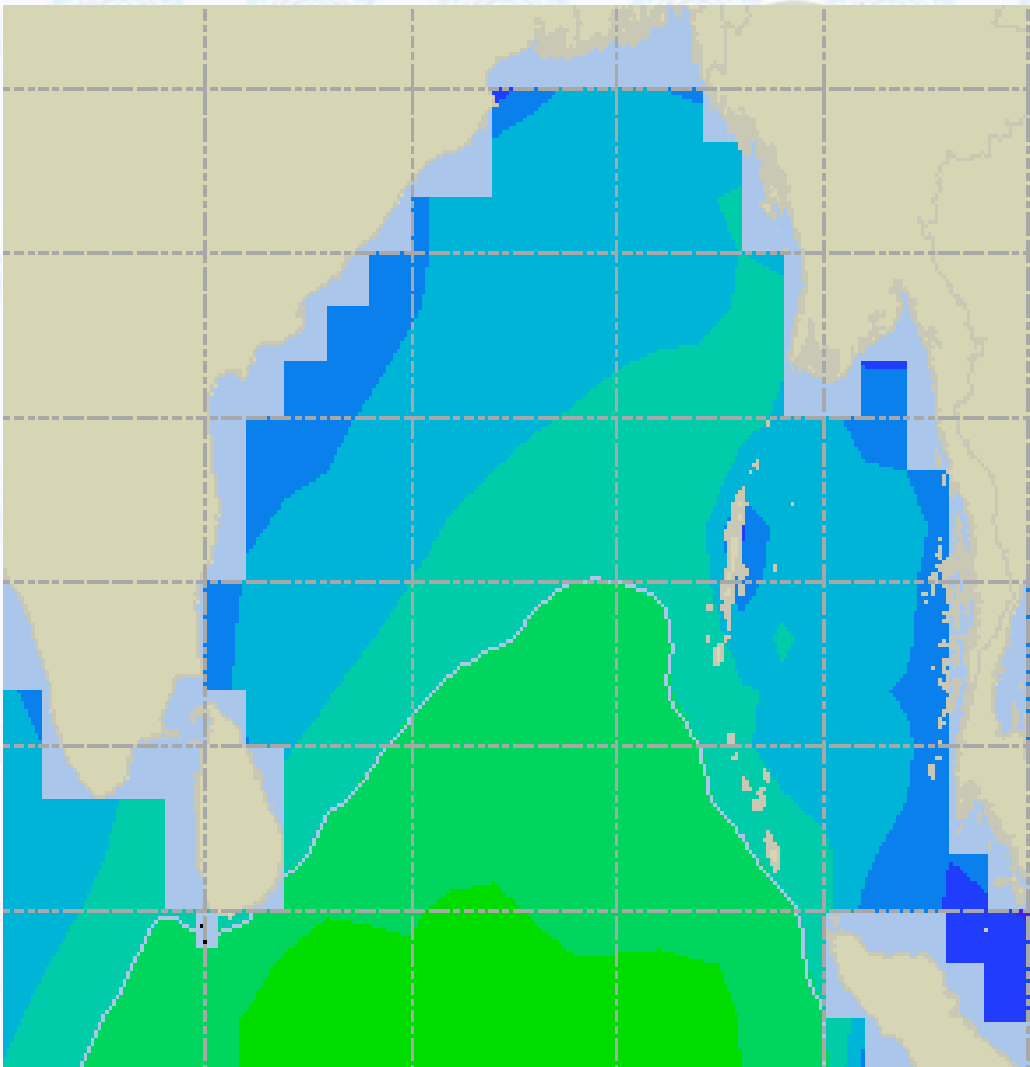
10 Knots



60 Knots



# Sea State Forecast - 6 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

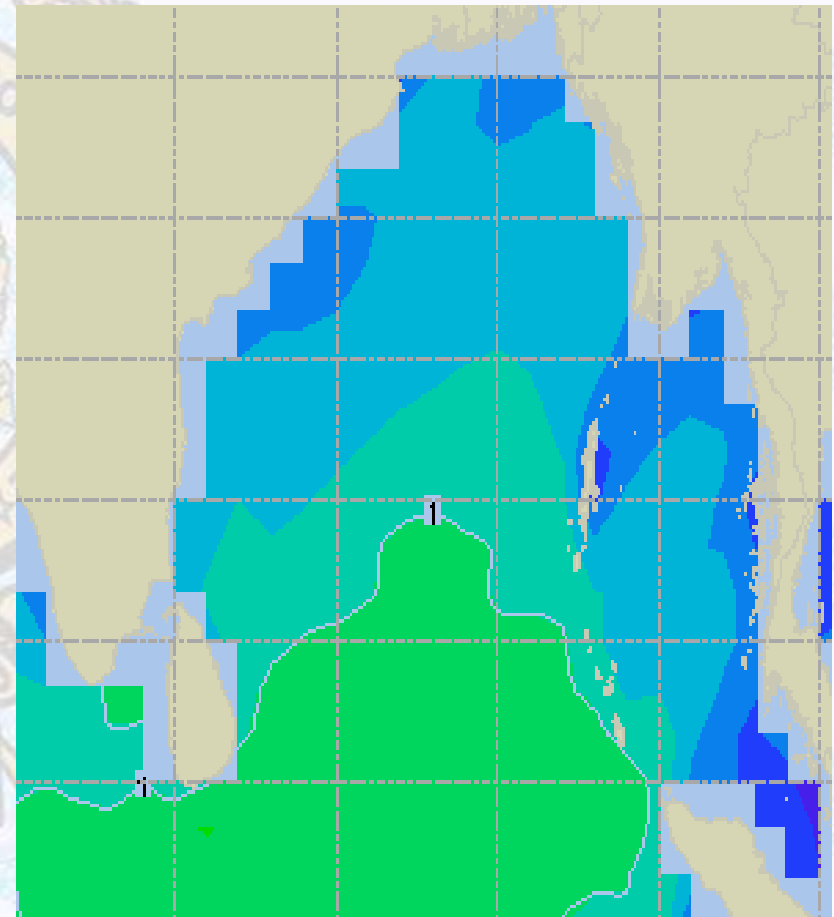
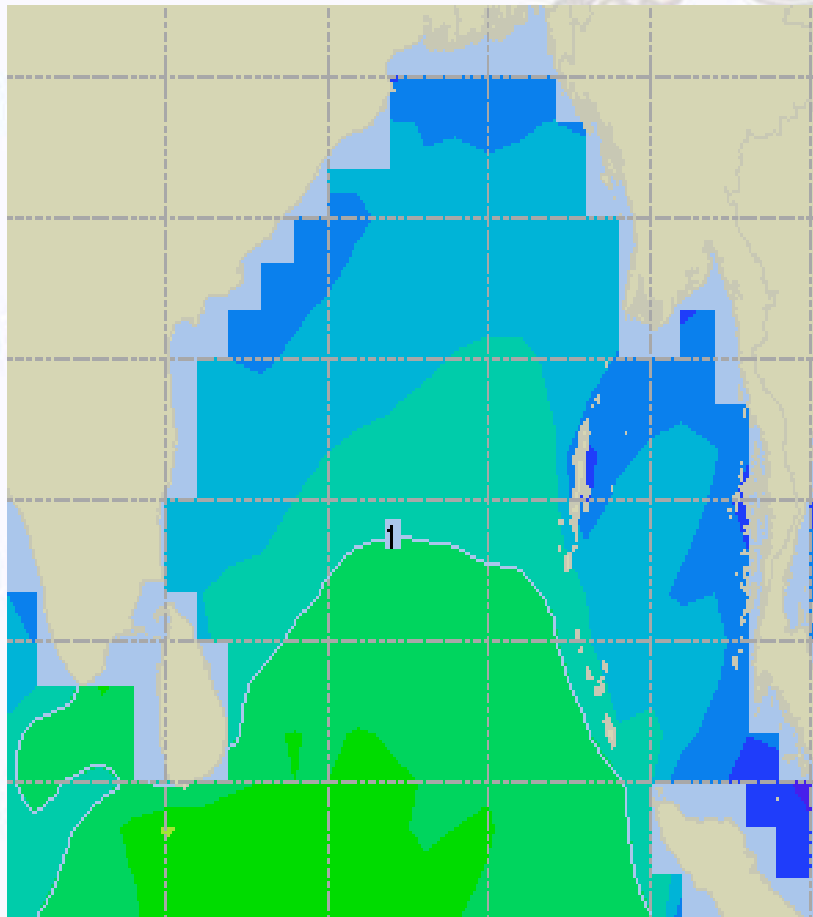




# Sea State Forecast - 7 Apr & 8 Apr- 2020

7 Apr 2020 Tuesday

8 Apr 2020 Wednesday

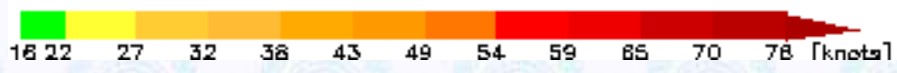
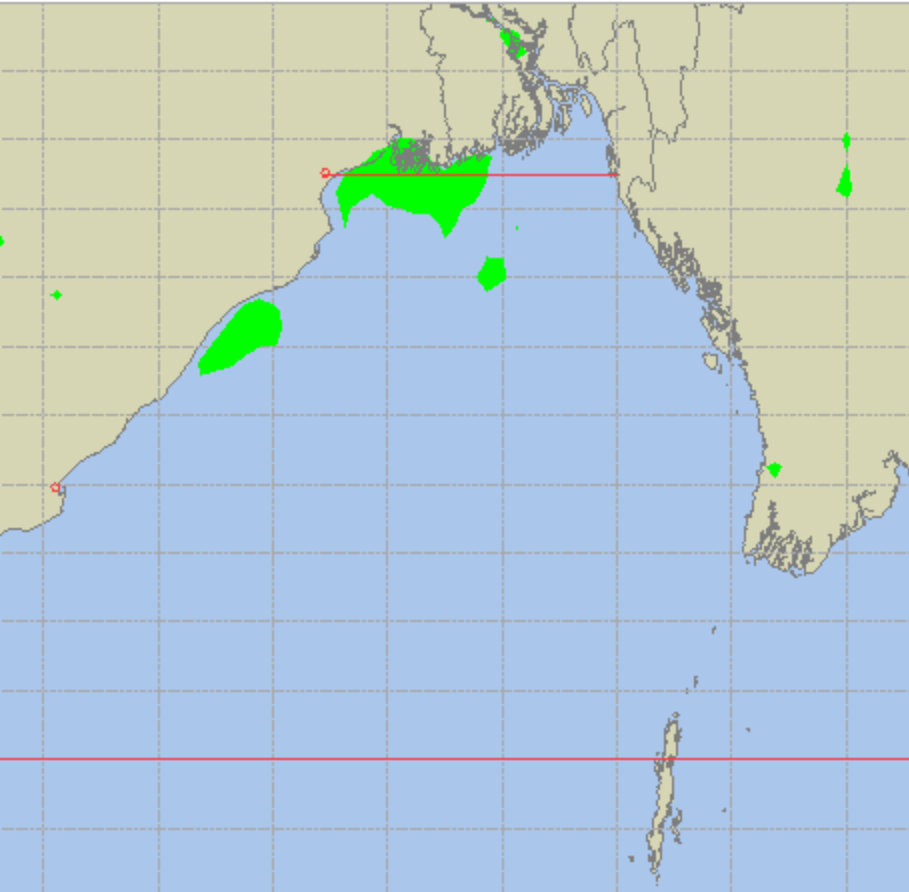
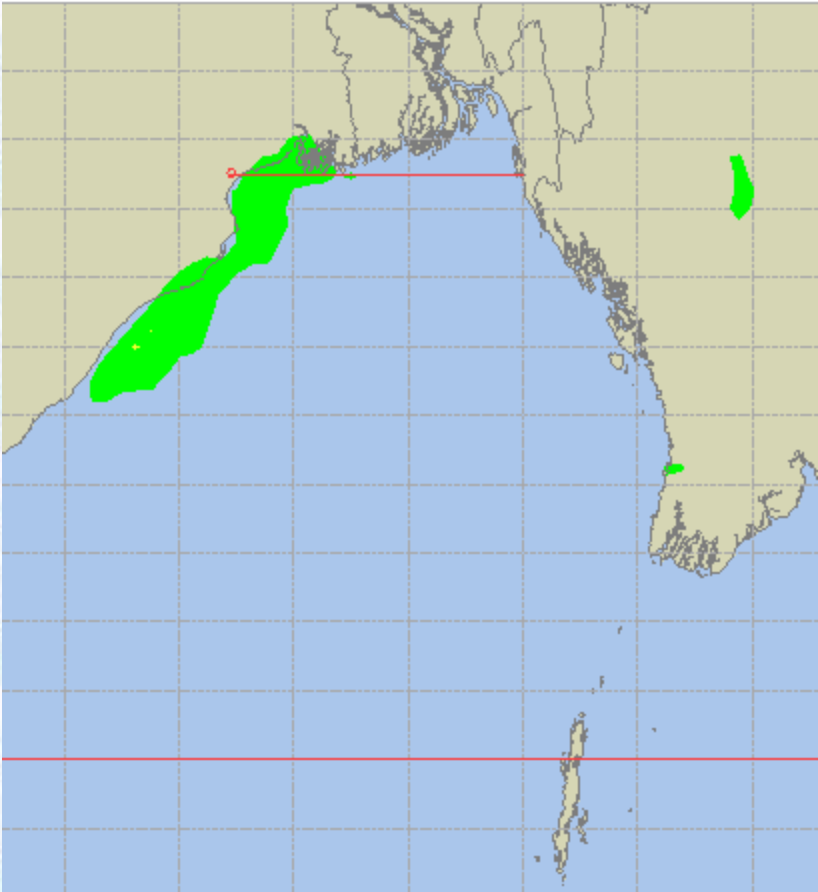




# Peak Gusting Possibilities – 06 & 07 Apr 2020

6 Apr 2020 Monday

7 Apr 2020 Tuesday

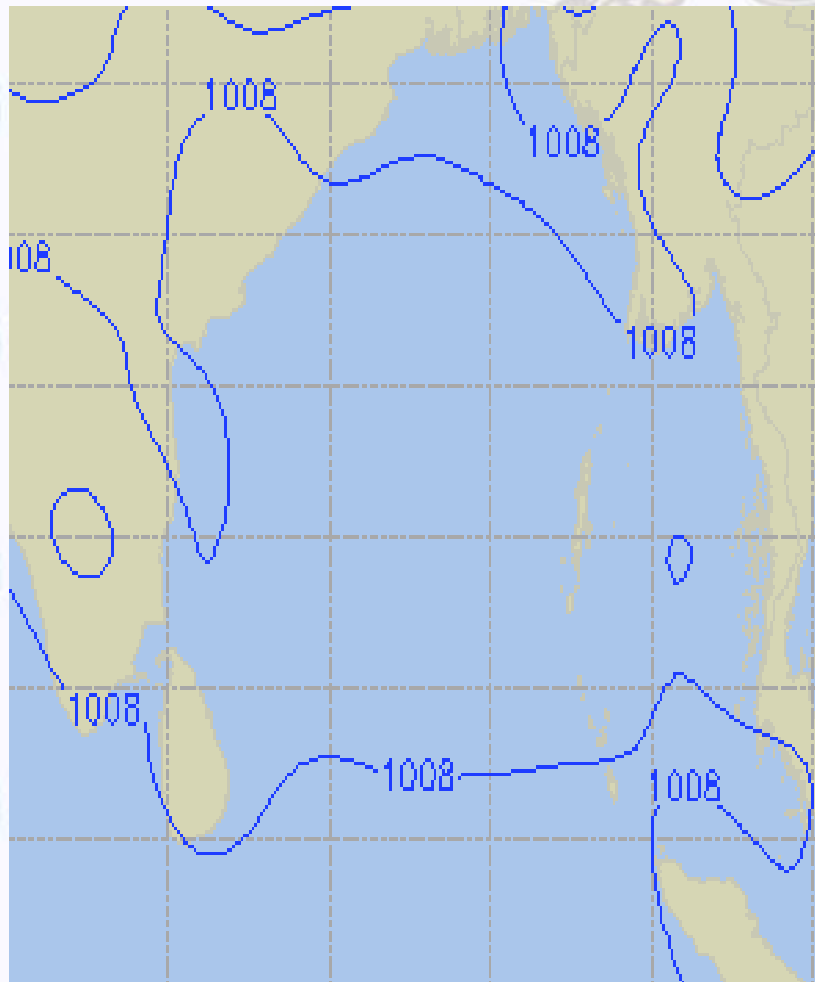




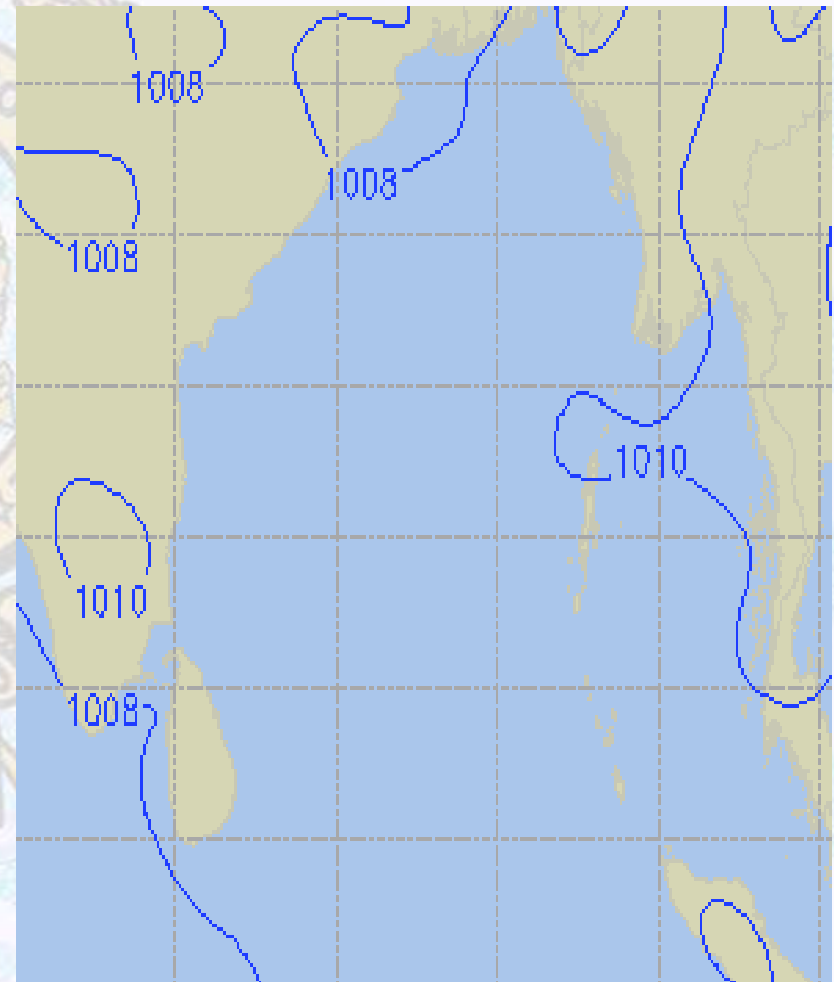


# Surface Pressure forecast – 06 & 07 Apr 2020

6 Apr 2020 Monday



7 Apr 2020 Tuesday

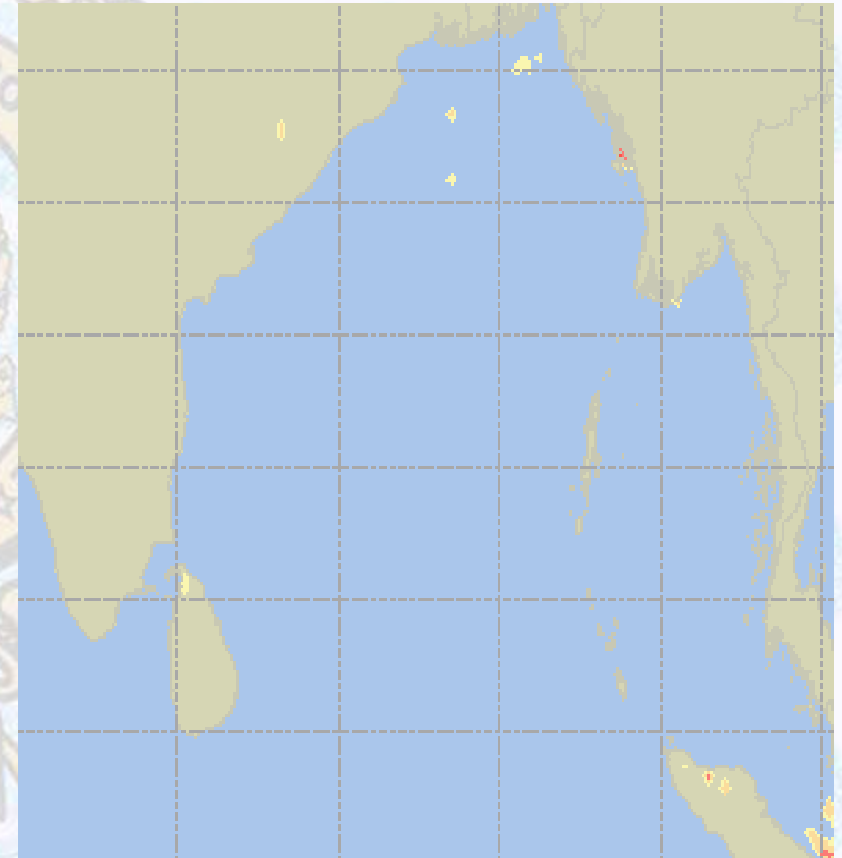
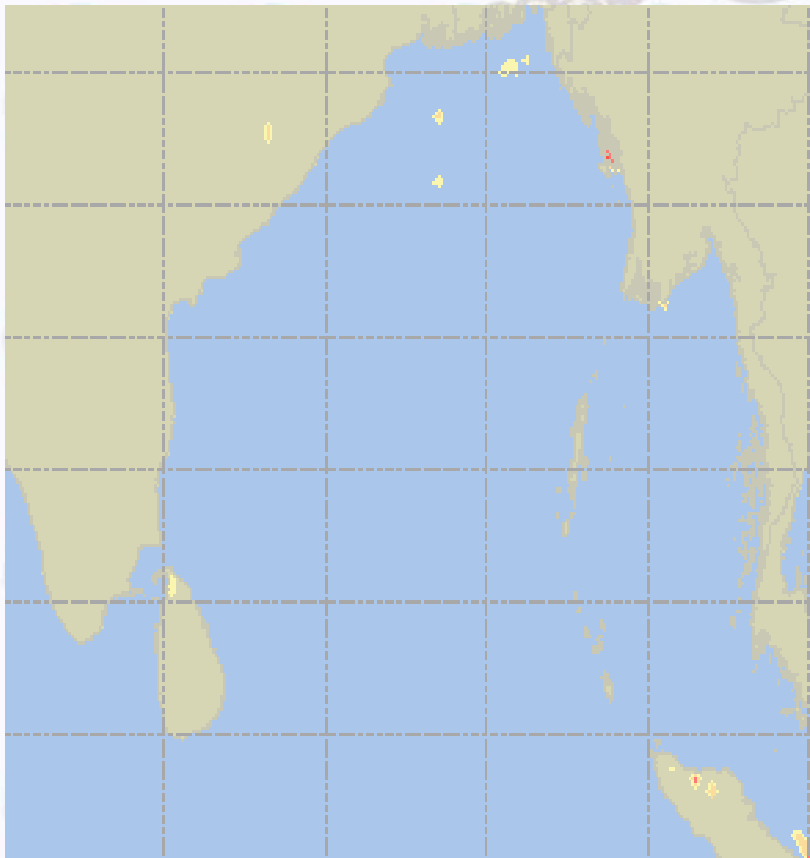




# Visibility at Sea Forecast – 06 & 07 Apr - 2020

6 Apr 2020 Monday

7 Apr 2020 Tuesday



**Visibility Scale:**



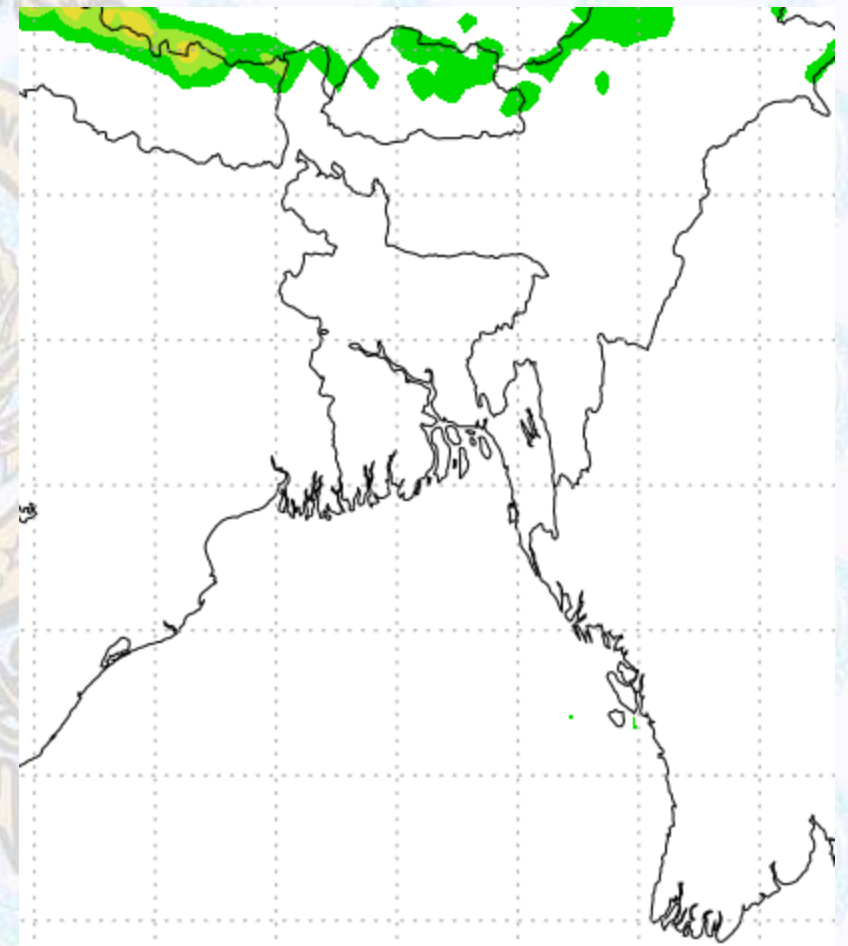
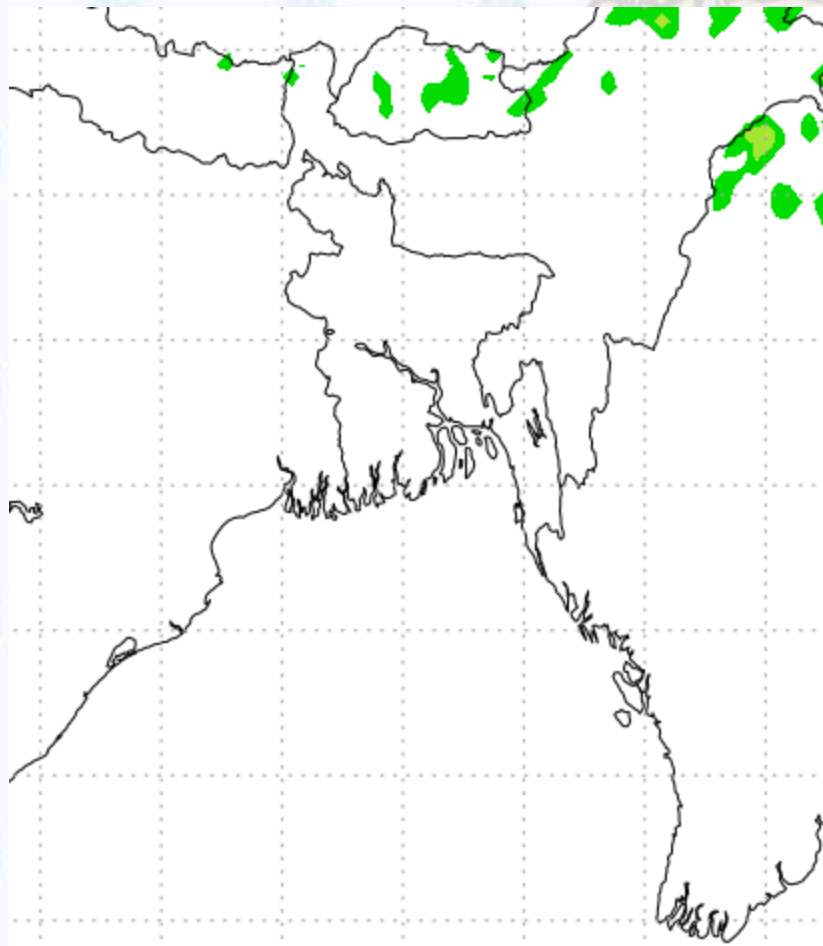
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 06 & 07 Apr 2020

Rain(mm) 07 & 08 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>6 Apr 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0603	0.57		0334	0.43		0327	0.48
	1151	4.30		0918	3.20		0931	2.84
	1821	0.63		1557	0.43		1544	0.52
	-	-		2138	3.43		2143	2.98
<b>7 Apr 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0000	4.54		0421	0.24		0410	0.27
	0647	0.36		1001	3.50		1013	3.06
	1232	4.58		1644	0.27		1629	0.35
	1906	0.43		2221	3.60		2226	3.07
<b>8 Apr 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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