



**WEATHER FORECAST FOR BN**

***12-15 APR 2020***





# WEATHER FORECAST – DHAKA

## 12.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 22	35 / 21	29 / 22	27 / 21
Wind	10 km/h SSW	11 km/h SSW	11 km/h S	5 km/h SSW
Humidity	52%	56%	75%	68%
Chance of Precip	14%	14%	12%	5%
Cloud Cover	32%	32%	13%	7%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 41 AM 6: 19 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 12.87 km

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





# WEATHER FORECAST – CHATTOGRAM

## 12.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 25	32 / 25	29 / 25	28 / 26
Wind	12 km/h W	14 km/h WSW	14 km/h WSW	5 km/h WNW
Humidity	66%	66%	79%	90%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	7%	8%	15%	9%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 36 AM 6: 12 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 12.04.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 13	34 / 24	29 / 24	27 / 24
Wind	10 km/h SSW	11 km/h SSW	11 km/h S	5 km/h SSW
Humidity	52%	456%	75%	87%
Chance of Precip.	14%	14%	12%	5%
Cloud Cover	32%	32%	13%	7%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	5: 46 AM 6: 22 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	13 Apr 2020	14 Apr 2020	15 Apr 2020
<b>Temperature (C)</b>	36 °C/ 25 °C	37 °C/ 25 °C	36 °C/ 24 °C
<b>Summary</b>	Mostly Sunny	Mostly Sunny	Mostly Sunny
<b>Sun Rise/Set</b>	5h39m00s/18h19m30s	5h38m06s/18h19m54s	5h37m06s/18h19m54s
<b>Day Length</b>	12h40m30s	12h41m48s	12h42m48s
<b>Moon Rise/ Set</b>	11:58AM 09:56PM	-	12:51 AM 11:47 PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 65%	Waxing Gibbous, 95%	Last Quarter, 44%
<b>Nautical Twilight</b>	0448,1909	0447,1909	0447,1909
<b>Civil Twilight</b>	0516,1842	0515,1842	0515,1842
<b>Humidity</b>	D : 57% N : 74%	D : 57% N : 74%	D : 57% N : 74%
<b>Barometer (mb)</b>	1008	1007	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	09 Km/h S	09 Km/h S	09 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 Apr 2020	14 Apr 2020	15 Apr 2020
<b>Temperature (C)</b>	35°C/ 25°C	35°C/ 25°C	36°C/ 25°C
<b>Summary</b>	Partly coludy /Sunny	Partly coludy /Sunny	Partly coludy /Sunny
<b>Sun Rise/Set</b>	5h13m18s/18h25m06s	5h12m54s/18h25m36s	5h11m54s/18h25m36s
<b>Day Length</b>	13h11m48s	13h12m42s	13h13m42s
<b>Moon Rise/ Set</b>	11:49AM 09:53PM	-	12:51 AM 11:47 PM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 65%	Waxing Gibbous, 95%	Last Quarter, 44%
<b>NauticalTwilight</b>	0445, 1901	0444, 1902	0444, 1902
<b>Civil Twilight</b>	0511, 1835	0510, 1835	0510, 1835
<b>Humidity</b>	D : 35% N : 71%	D : 35% N : 71%	D : 35% N : 71%
<b>Barometer (mb)</b>	1010	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	08 Km/h SSW	08 Km/h SSW	08 Km/h SSW

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





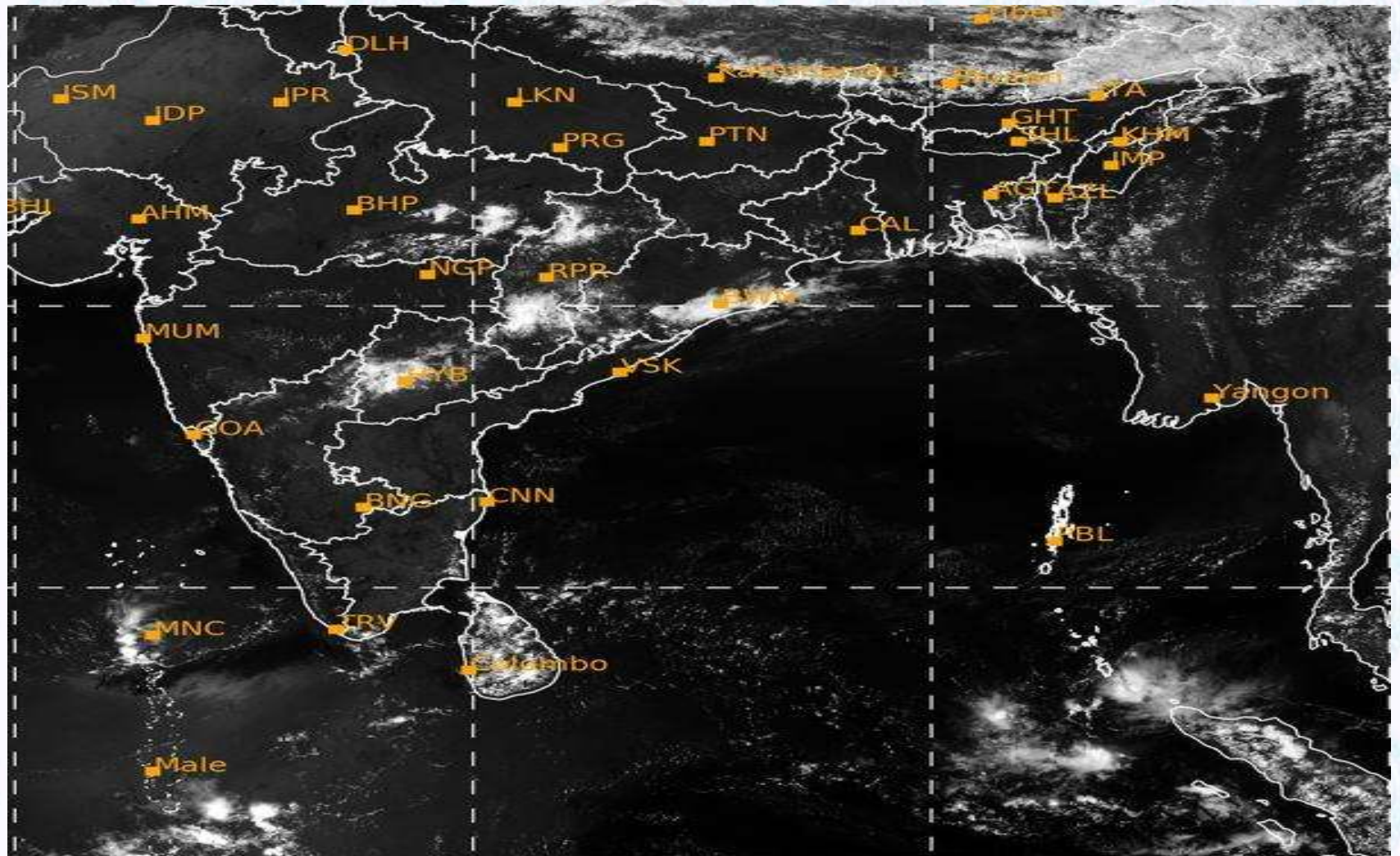
# GENERAL WEATHER FORECAST – KHULNA

Description	13 Apr 2020	14 Apr 2020	15 Apr 2020
<b>Temperature(C)</b>	36°C/ 24°C	33°C/ 24°C	35°C/ 24°C
<b>Summary</b>	Partly coludy/Sunny	Partly coludy/Sunny	Partly coludy/Sunny
<b>Sun Rise/Set</b>	5h43m12s/18h22m00s	5h42m24s/18h22m24s	5h41m24s/18h22m24s
<b>Day Length</b>	12h38m48s	12h40m00s	12h41m00s
<b>Moon Rise/Set</b>	11:59AM 10:03PM	-	12:51 AM 11:47 PM
<b>Moon Phase/illu</b>	Waxing Gibbous, 65%	Waxing Gibbous, 95%	Last Quarter, 44%
<b>NauticalTwilight</b>	0453, 1911	0452, 1911	0452, 1911
<b>Civil Twilight</b>	0520, 1844	0519, 1845	0519, 1845
<b>Humidity</b>	D : 31% N : 81%	D : 31% N : 81%	D : 31% N : 81%
<b>Barometer (mb)</b>	1008	1008	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	0%	0%	0%
<b>Wind (mph)</b>	12 km/h NW	12 km/h NW	12 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



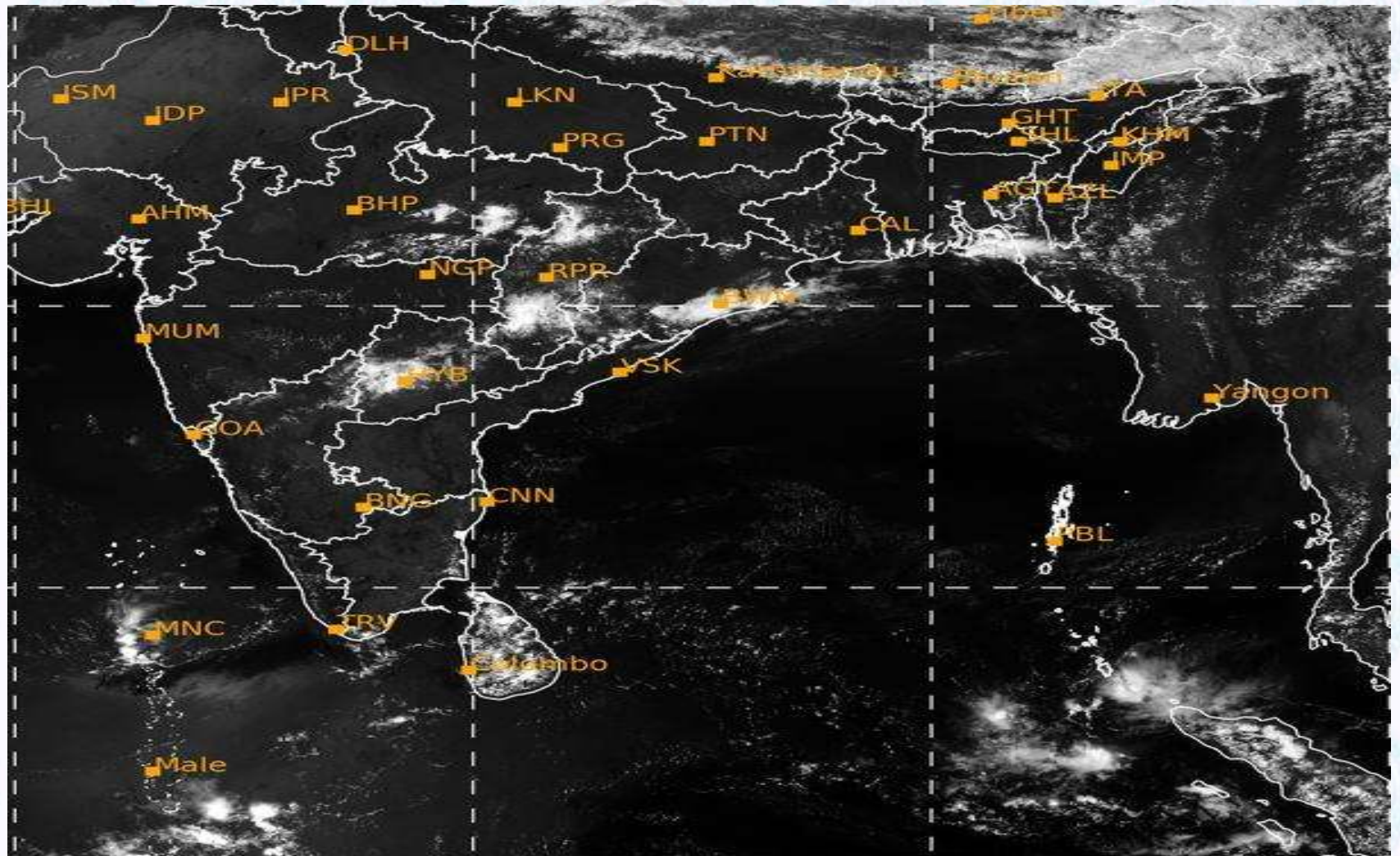
12/04/2020, 14:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



12/04/2020, 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 12.04.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS 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 =12,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 12.04.2020)

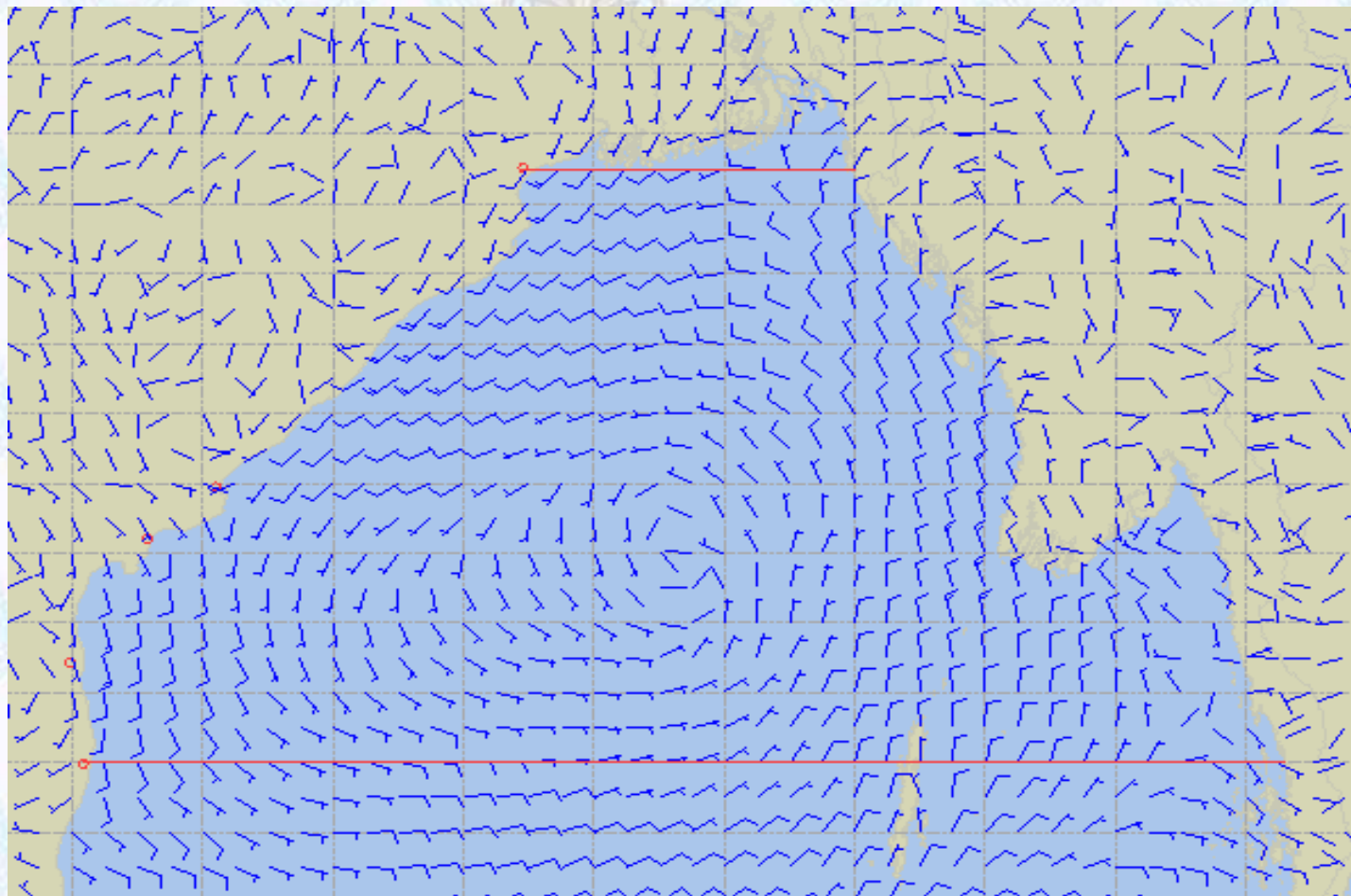
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 13 Apr - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



60 Knots

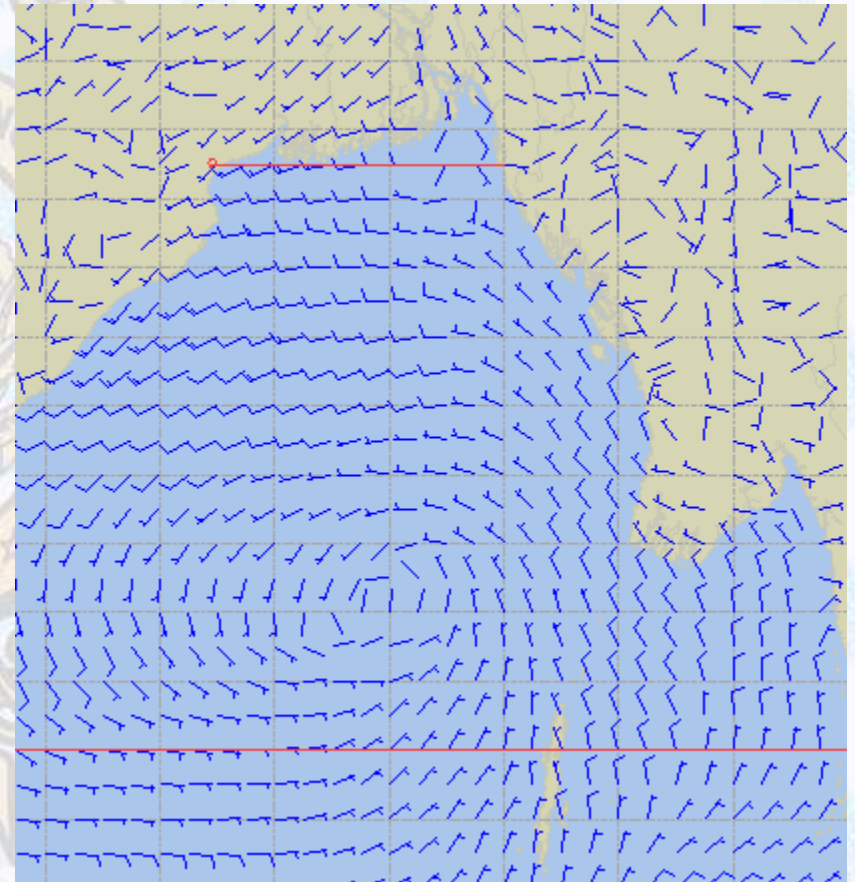
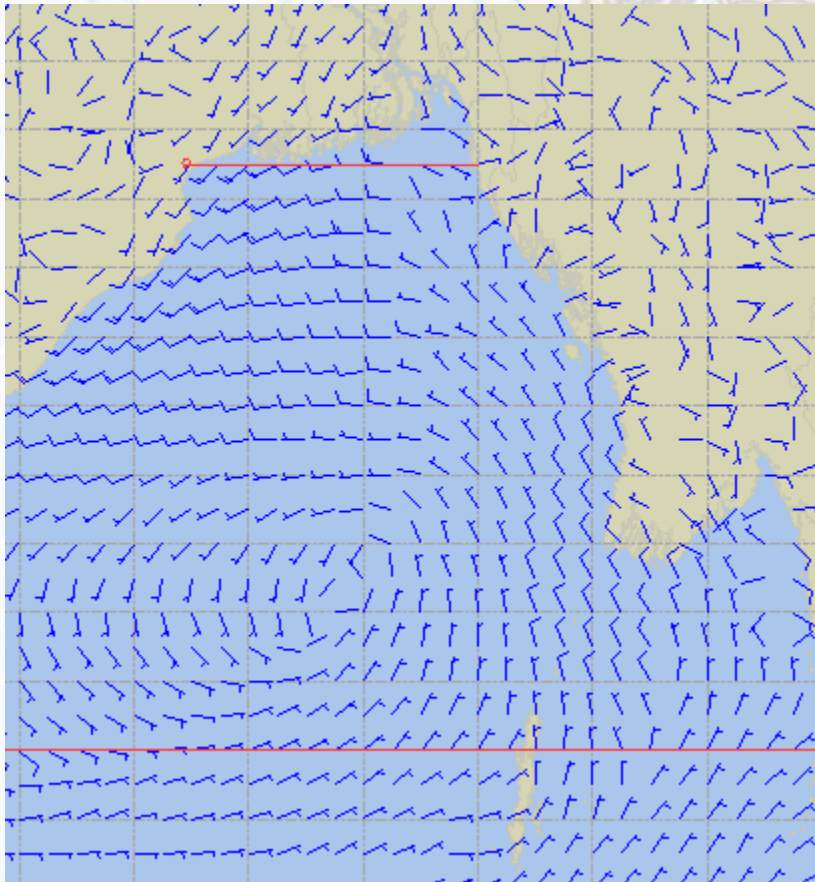




# Surface Wind Forecast –14 Apr & 15 Apr- 2020

14 Apr 2020 Tuesday

15 Apr 2020 Wednesday



**Legend:**



Calm  
Winds



5 Knots



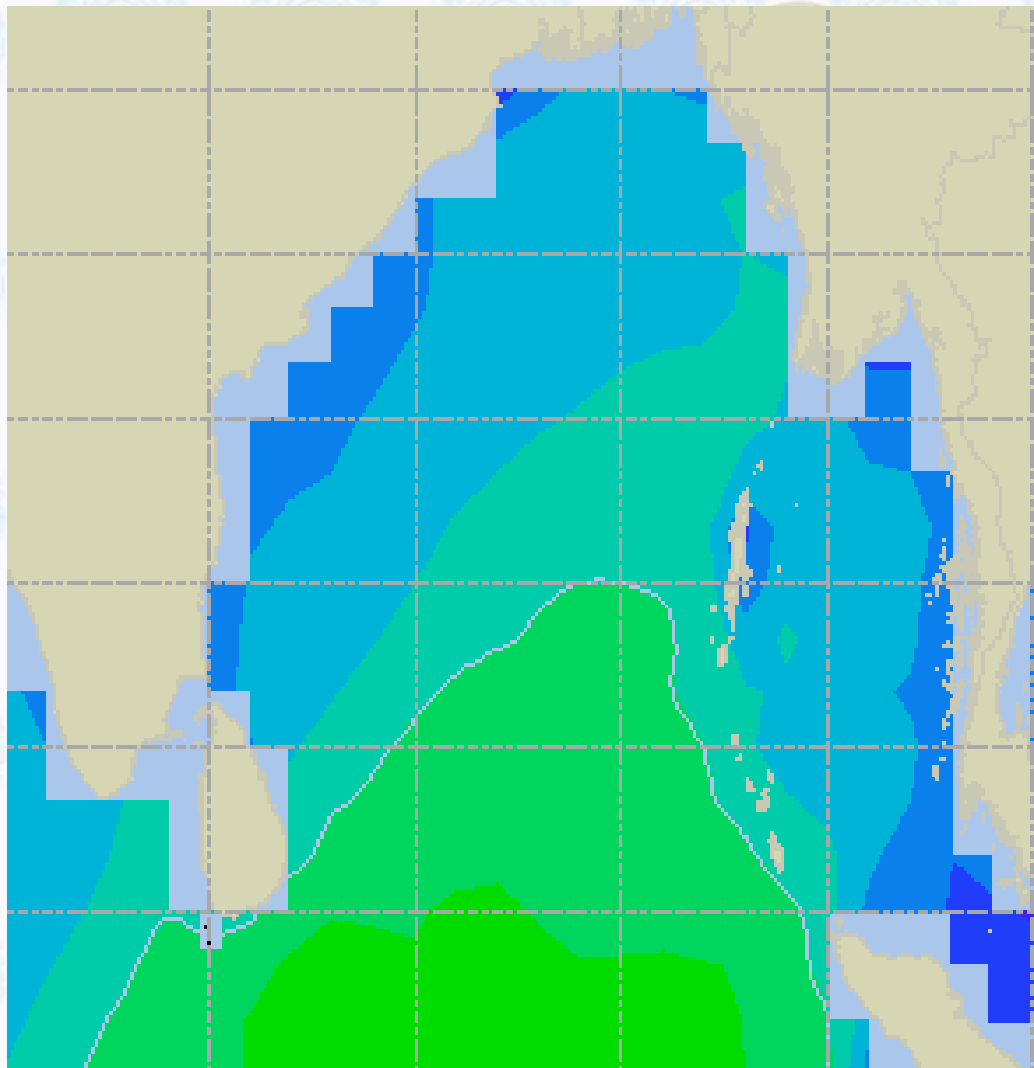
10 Knots



60 Knots



# Sea State Forecast - 13 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



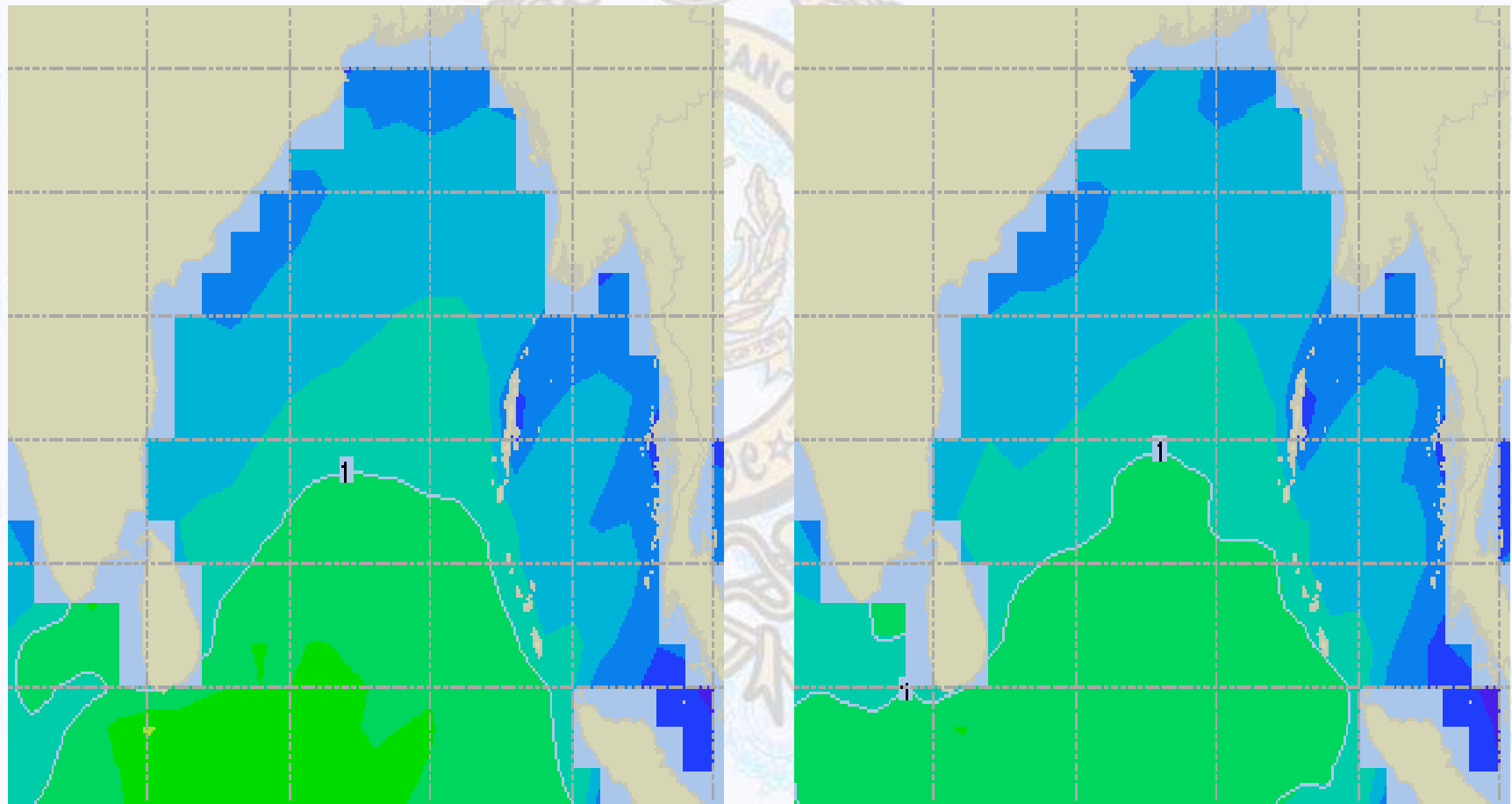




# Sea State Forecast - 14 Apr & 15 Apr- 2020

14 Apr 2020 Tuesday

15 Apr 2020 Wednesday

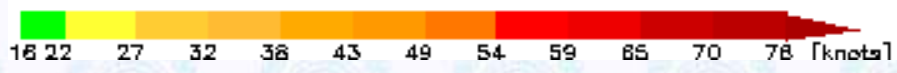
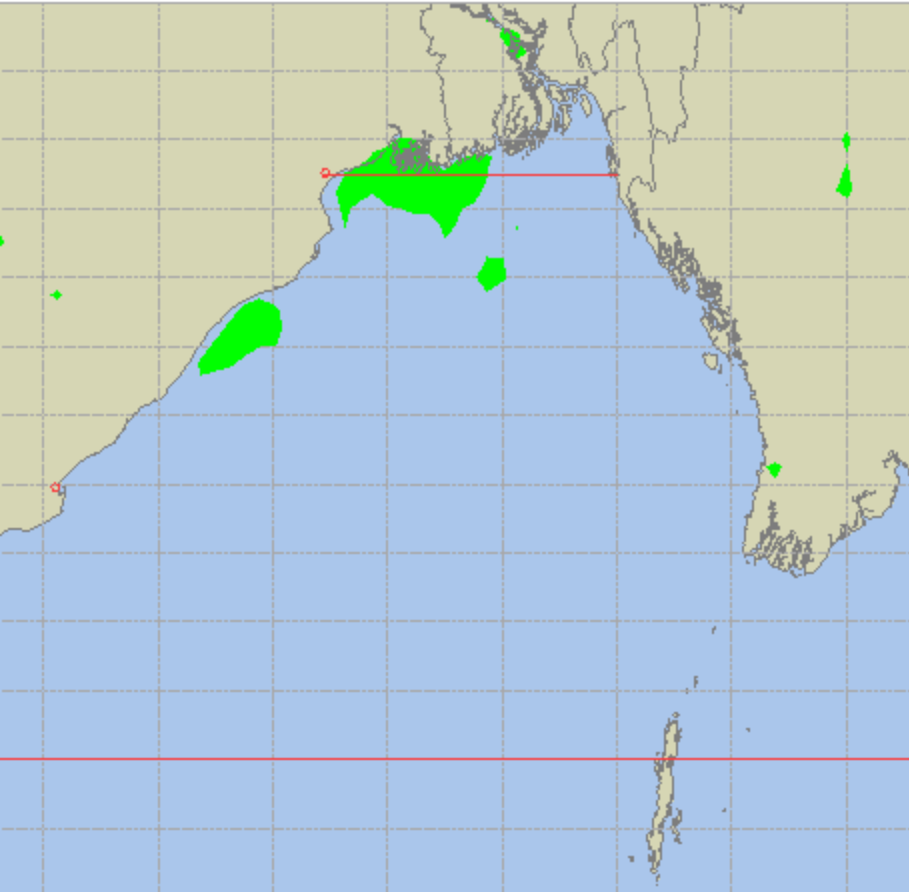
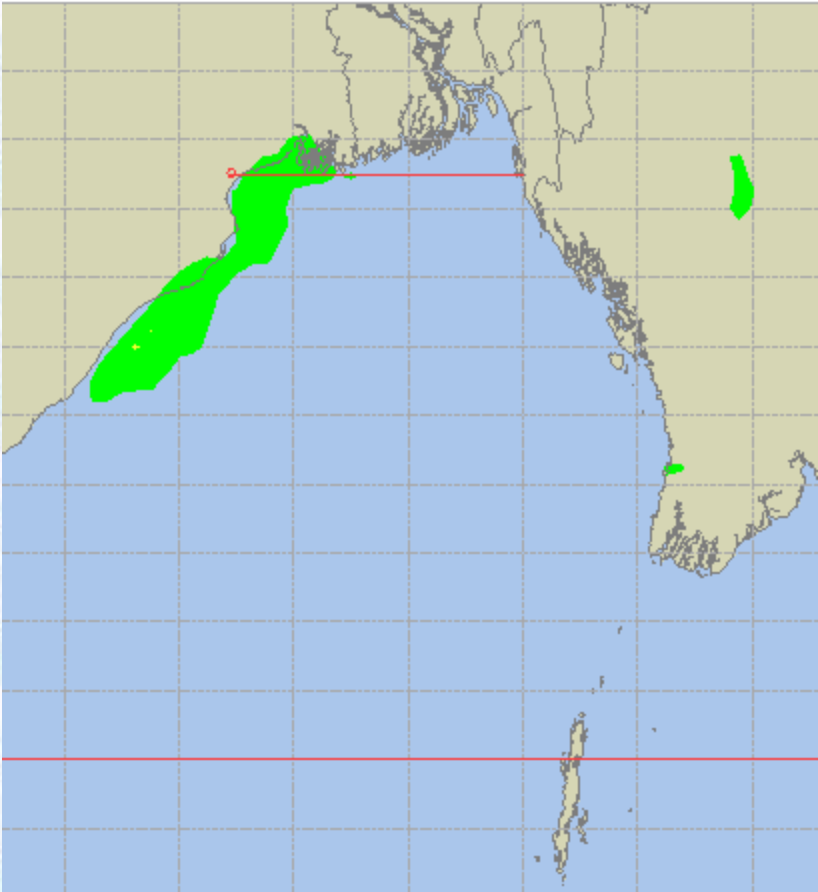




# Peak Gusting Possibilities – 13 & 14 Apr 2020

13 Apr 2020 Monday

14 Apr 2020 Tuesday

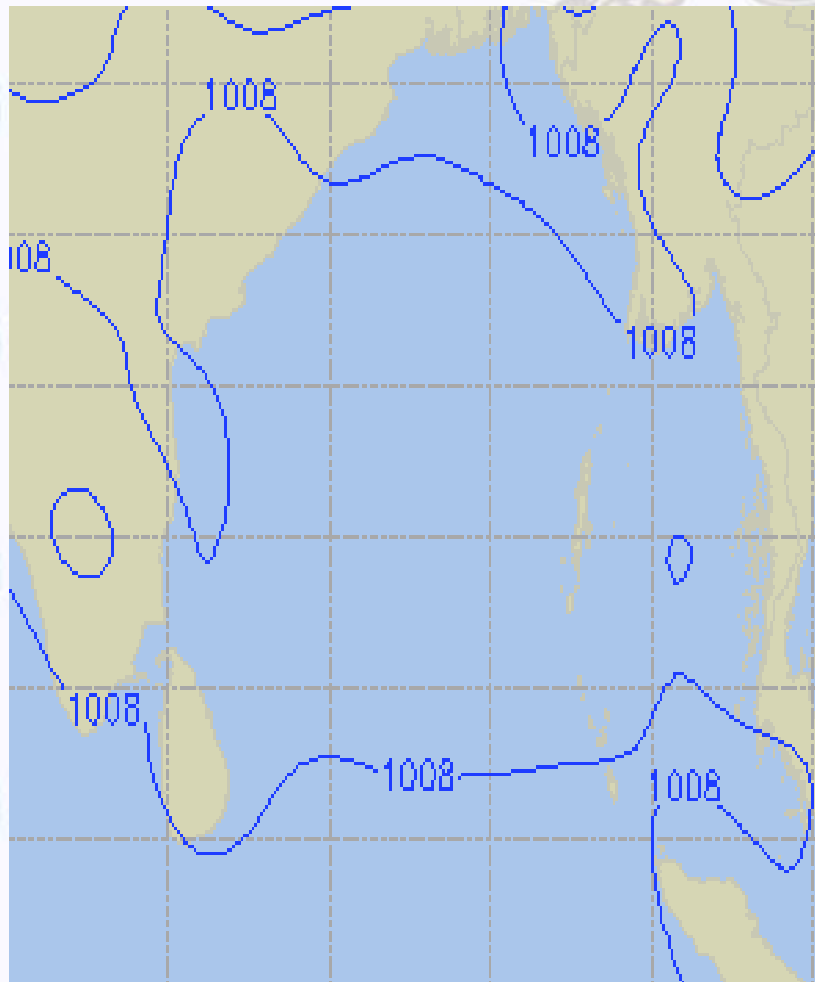




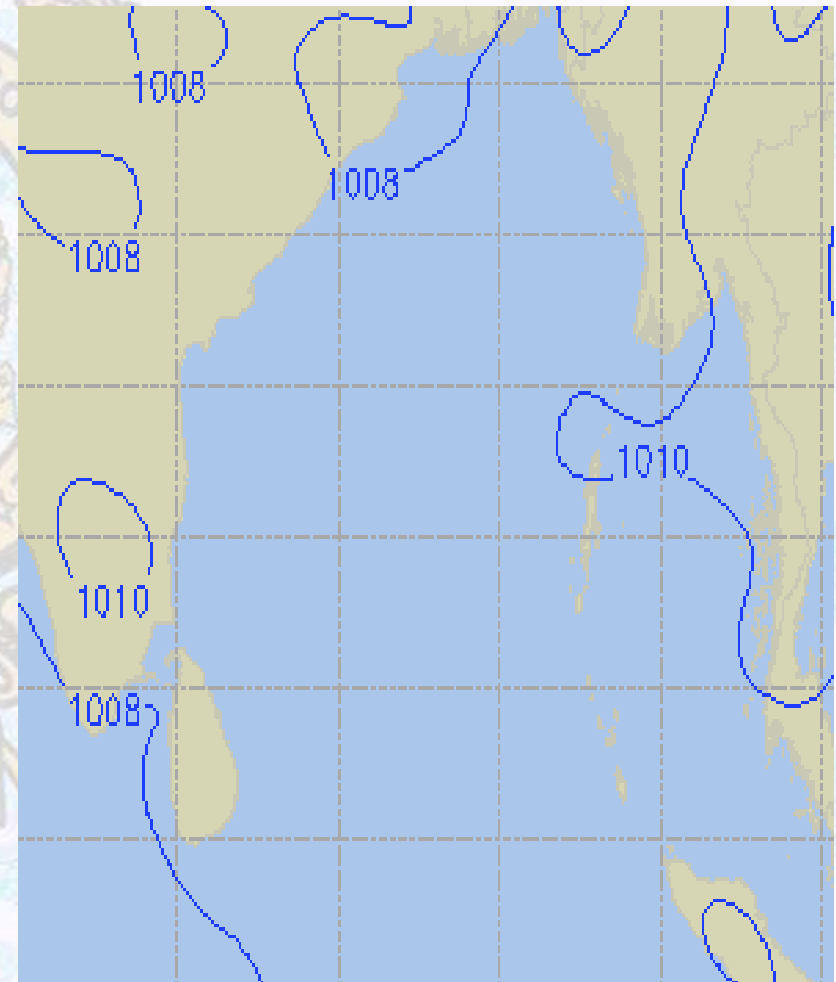


# Surface Pressure forecast – 13 & 14 Apr 2020

13 Apr 2020 Monday



14 Apr 2020 Monday

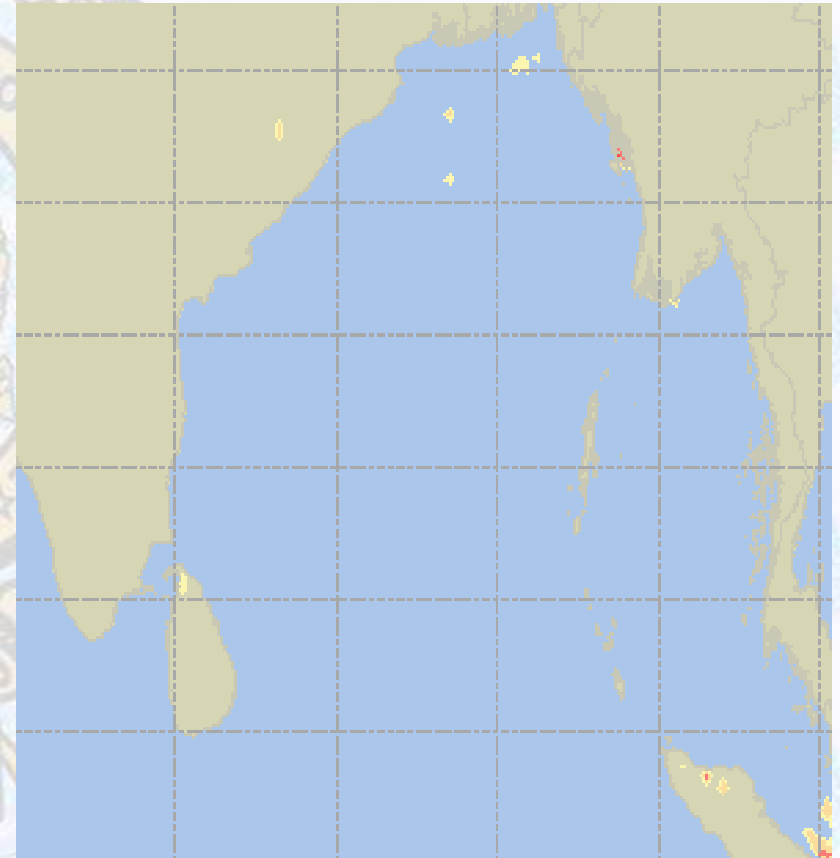
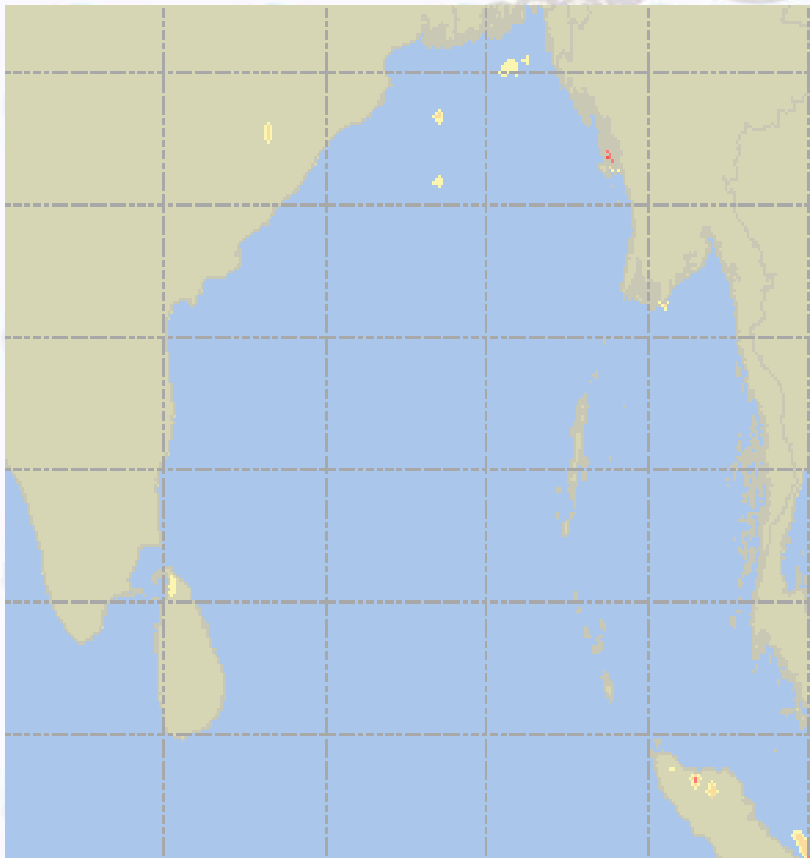




# Visibility at Sea Forecast – 13 & 14 Apr - 2020

13 Apr 2020 Monday

14 Apr 2020 Monday



**Visibility Scale:**



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

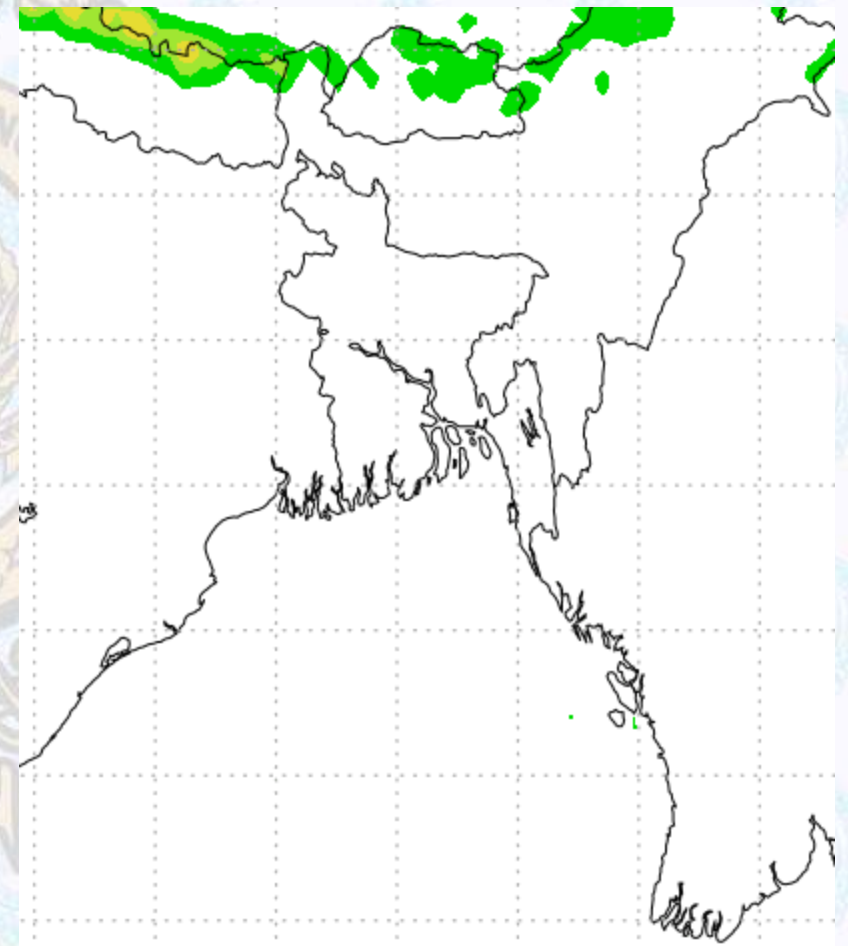
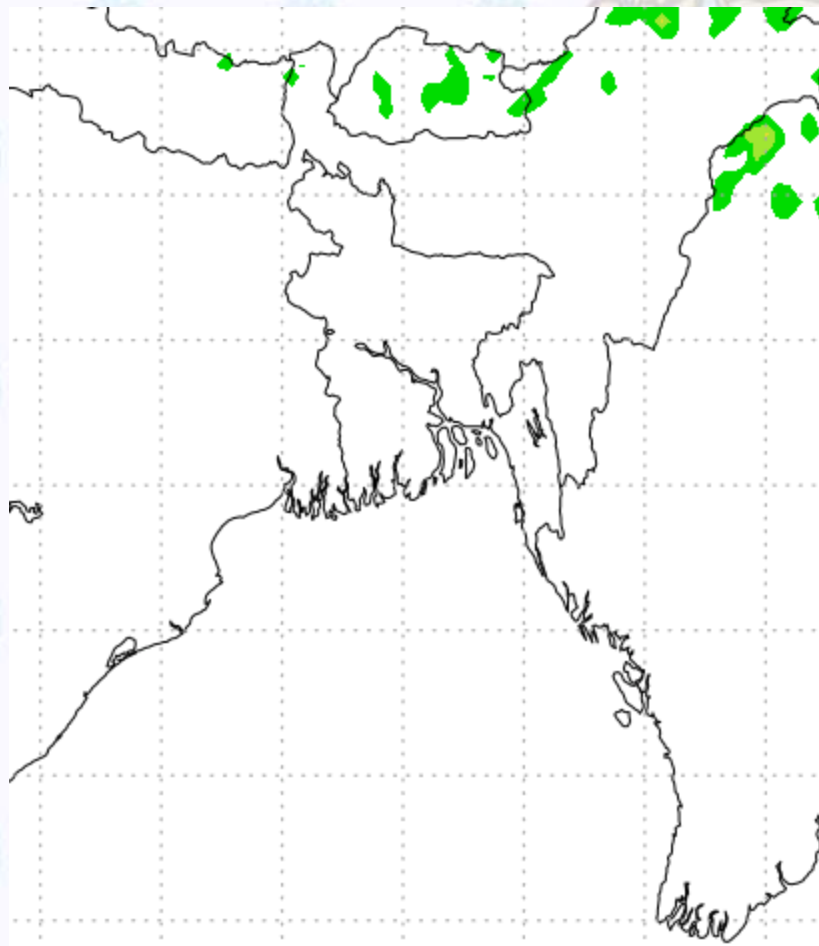




# Precipitation

Rain(mm) 13 & 14 Apr 2020

Rain(mm) 14 & 15 Apr 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0424		3.97			0149	2.90
<b>13 Apr 2020</b>	1043	0.80		0819	0.53		0756	0.76
	1652	4.19		1417	3.01		1414	2.68
	2331	0.96		2049	0.71		2044	1.01
<b>14 Apr 2020</b>	Time	Height		Time	Height		Time	Height
	0527	3.62		0237	2.59		0232	2.28
	1138	1.17		0902	0.76		0841	1.02
	1759	3.88		1508	2.73		1509	2.49
	-	-		2141	0.92		2155	1.21
<b>15 Apr 2020</b>	Time	Height		Time	Height		Time	Height
	0048	1.19		0335	2.31		0339	2.09
	0651	3.35		0959	0.99		0951	1.25
	1259	1.47		1508	2.49		1632	2.34
	1926	3.68		2141	1.10		2337	1.28