



**WEATHER FORECAST FOR BN**

***13-16 MAY 2020***





# WEATHER FORECAST – DHAKA

## 13.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 23	35 / 23	30 / 24	28 / 24
Wind	9 km/h W	9 km/h WSW	8 km/h S	9 km/h S
Humidity	51%	51%	69%	79%
Chance of Precip	2%	3%	9%	16%
Cloud Cover	15%	19%	17%	24%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 18 AM 6: 33 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 13.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 25	32 / 25	30 / 27	29 / 27
Wind	12 km/h W	11 km/h WSW	11 km/h WSW	6 km/h WSW
Humidity	65%	68%	83%	91%
Chance of Precip.	2%	2%	5%	6%
Cloud Cover	79%	70%	43%	23%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 14 AM 6: 25 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 13.05.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36 / 25	35 / 25	31 / 26	28 / 26
Wind	8 km/h SSW	9 km/h S	14 km/h SSW	12 km/h SSW
Humidity	54%	56%	75%	85%
Chance of Precip.	3%	54%	3%	5%
Cloud Cover	16%	50%	12%	13%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 24 AM 6: 35 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	14 May 2020	15 May 2020	16 May 2020
<b>Temperature (C)</b>	35°C/ 26°C	34°C/ 26°C	34°C/ 25°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h15m06s/18h32m54s	5h15m36s/18h34m24s	5h14m36s/18h34m24s
<b>Day Length</b>	13h17m48s	13h18m48s	13h19m48s
<b>Moon Rise/ Set</b>	12:19AM 11:28PM	12:59AM 12:22PM	01:34AM 01:14PM
<b>Moon Phase/ illu</b>	Last Quarter 51%	Wanning Crescent 41%	Wanning Crescent 31%
<b>NauticalTwilight</b>	0423,1924	0422,1927	0422,1927
<b>Civil Twilight</b>	0452,1855	0451,1858	0451,1858
<b>Humidity</b>	D : 64% N : 80%	D : 68% N : 83%	D : 44% N : 83%
<b>Barometer (mb)</b>	1006	1005	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	11 Km/h S	13 Km/h SSE	13 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 May 2020	15 May 2020	16 May 2020
<b>Temperature (C)</b>	33°C/ 23°C	33°C/ 26°C	34°C/ 26°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	5h11m54s/18h24m36s	5h12m24s/18h26m06s	5h11m24s/18h26m06s
<b>Day Length</b>	13h12m42s	13h13m42s	13h14m42s
<b>Moon Rise/ Set</b>	12:19AM 11:28AM	12:51AM 12:17AM	01:34AM 01:14PM
<b>Moon Phase/ illu</b>	Last Quarter 51%	Wanning Crescent 41%	Wanning Crescent 31%
<b>NauticalTwilight</b>	0420, 1917	0420, 1918	0420, 1918
<b>Civil Twilight</b>	0451, 1847	0448, 1849	0448, 1849
<b>Humidity</b>	D : 71% N : 90%	D : 71% N : 90%	D : 55% N : 91%
<b>Barometer (mb)</b>	1008	1007	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	13 Km/h SSW	12 Km/h SW	12 Km/h SW

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



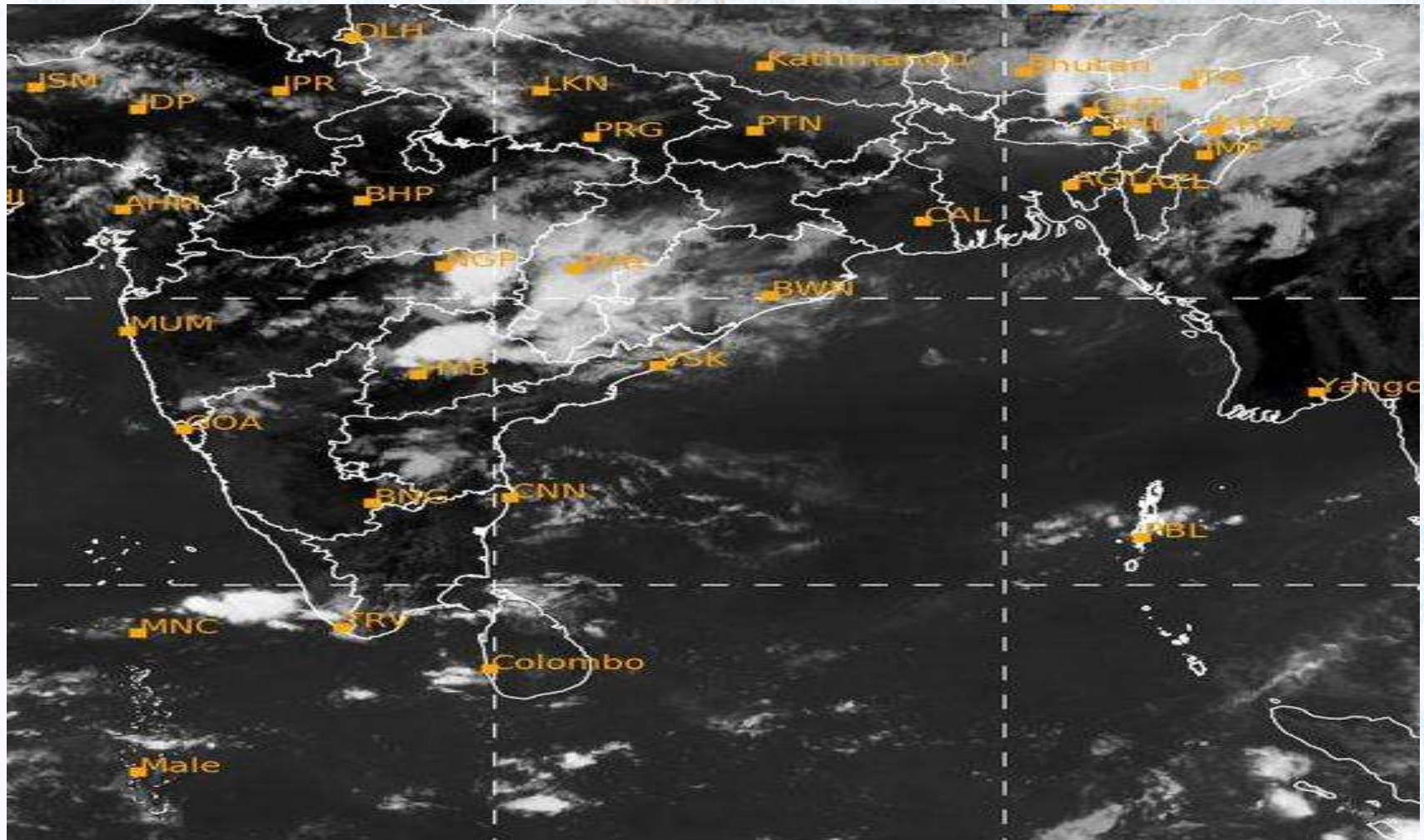
# GENERAL WEATHER FORECAST – KHULNA

Description	14 May 2020	15 May 2020	16 May 2020
<b>Temperature(C)</b>	36°C/ 26°C	36°C/ 26°C	35°C/ 26°C
<b>Summary</b>	Partly cloudy /Sunny	Partly cloudy /Sunny	Partly cloudy /Sunny
<b>Sun Rise/Set</b>	5h20m06s/18h34m36s	5h20m36s/18h36m06s	5h19m36s/18h36m06s
<b>Day Length</b>	13h14m30s	13h15m30s	13h16m30s
<b>Moon Rise/Set</b>	12:19AM 11:28AM	1:02AM 12:28AM	01:34AM 01:14PM
<b>Moon Phase/illu</b>	Last Quarter 51%	Wanning Crescent 41%	Wanning Crescent 31%
<b>Nautical Twilight</b>	0429, 1927	0428, 1928	0428, 1928
<b>Civil Twilight</b>	0457, 1858	0457, 1859	0457, 1859
<b>Humidity</b>	D : 62% N : 78%	D : 65% N : 81%	D : 51% N : 81%
<b>Barometer (mb)</b>	1006	1005	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	30%	30%
<b>Wind (mph)</b>	14 km/h S	14 km/h SSW	14 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



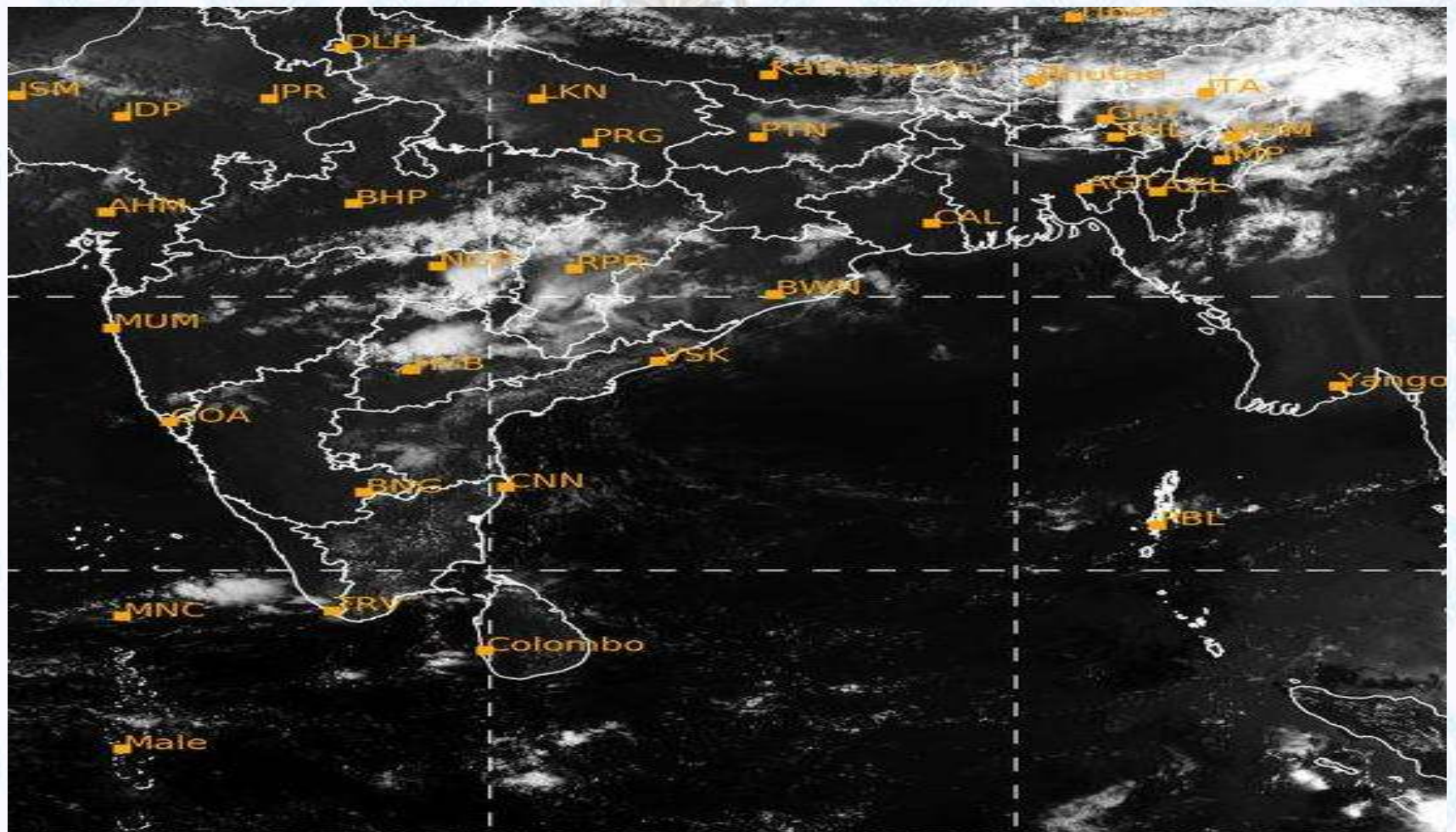
13/05/2020, 12:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



13/05/2020, 12:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 13.05.2020)

<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-WEST/ SOUTHERLY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =13,0000 UTC. CHATTOGRAM =1008 HPA



## **Inland River Port Warning** **(VALID TILL 07 PM OF 13.05.2020)**

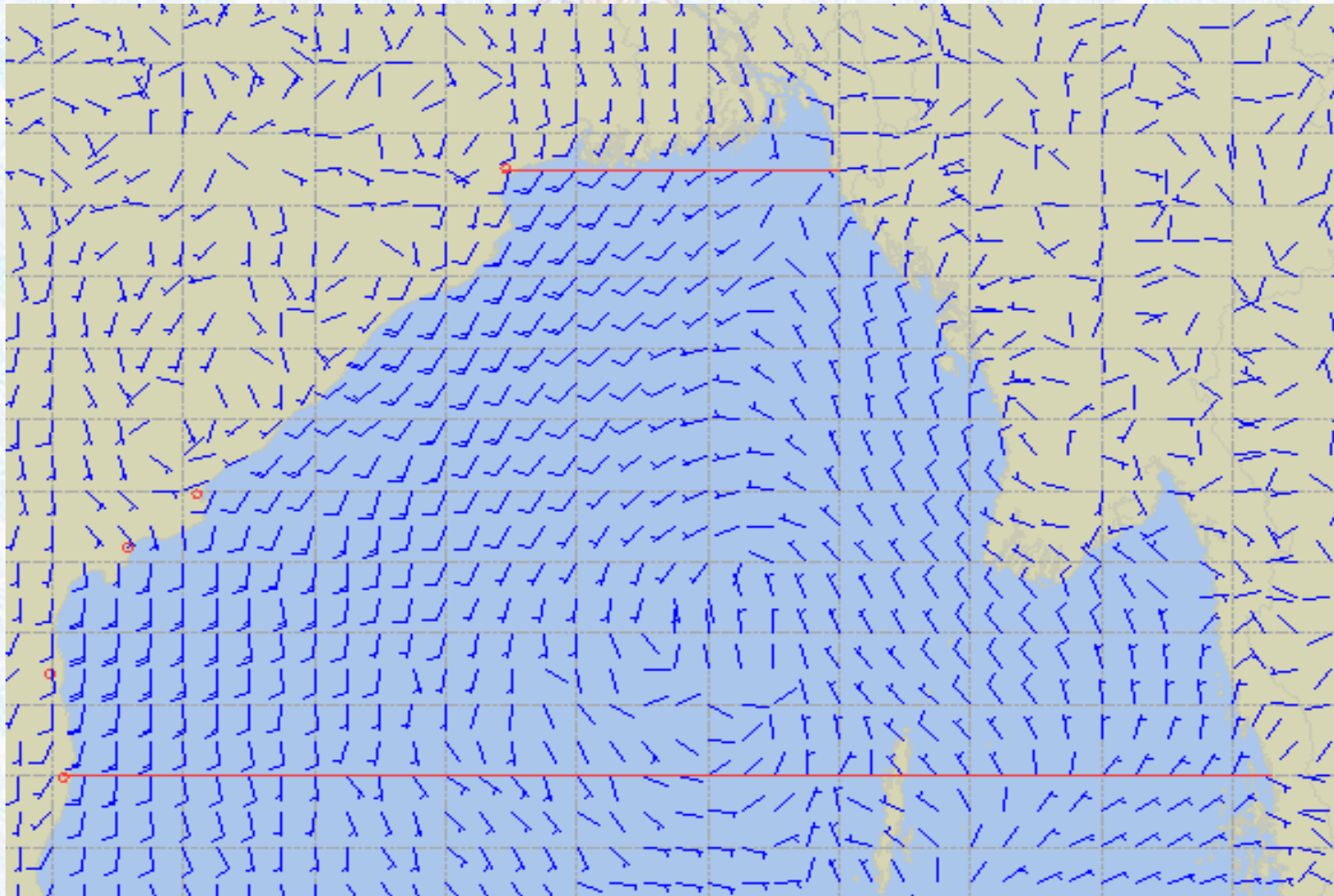
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **WEST/NORTH-WESTERLY**, SQUALLS SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KUSHTIA, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, BARISHAL, PATUAKHALI, NOKHALI AND CUMILLA. WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

RAIN/THUNDER SHOWERS TEMPORARY **WEST/NORTH-WESTERLY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



# Surface Wind Forecast- 14 May - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



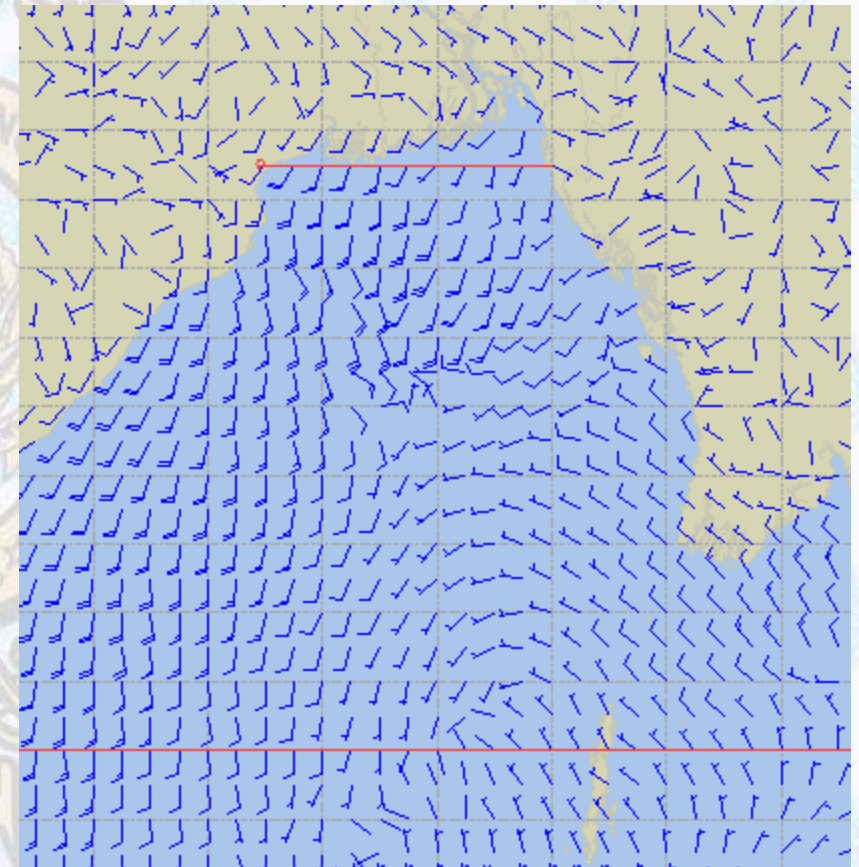
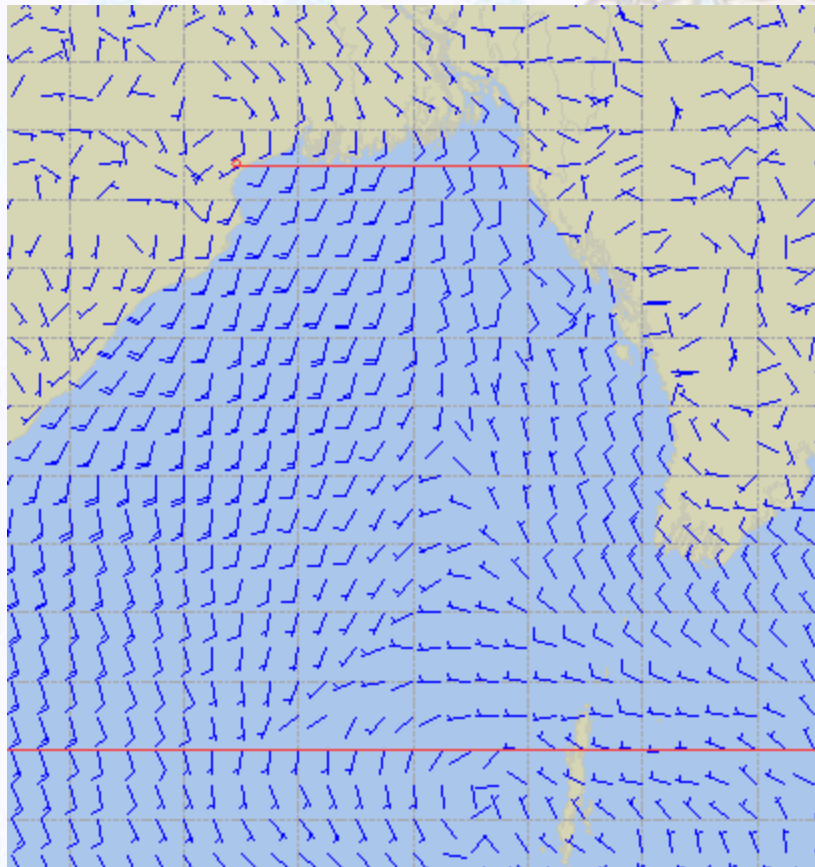
**60 Knots**



# Surface Wind Forecast – 15 & 16 May- 2020

15 May 2020 Friday

16 May 2020 Saturday



## Legend:



Calm  
Winds



5 Knots



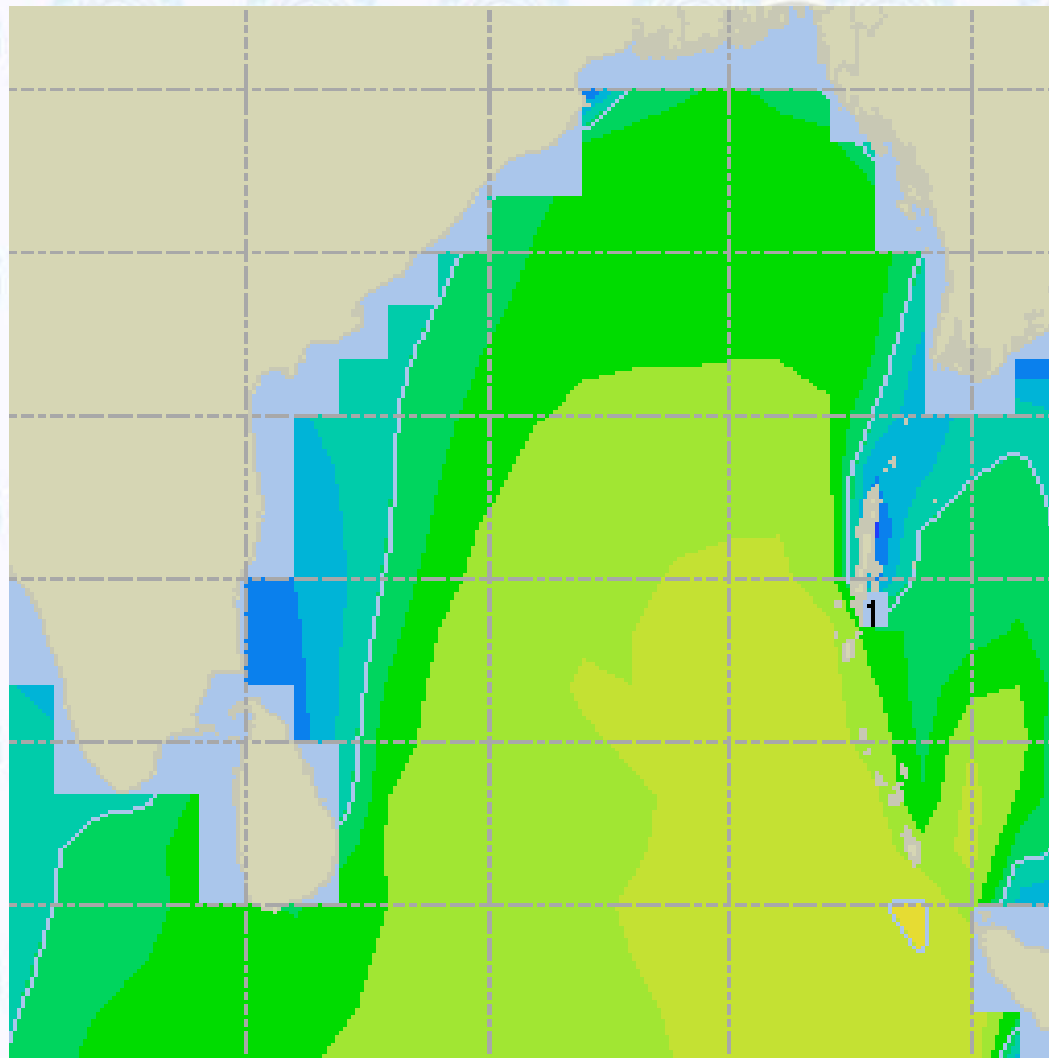
10 Knots



60 Knots



# Sea State Forecast – 14 May - 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

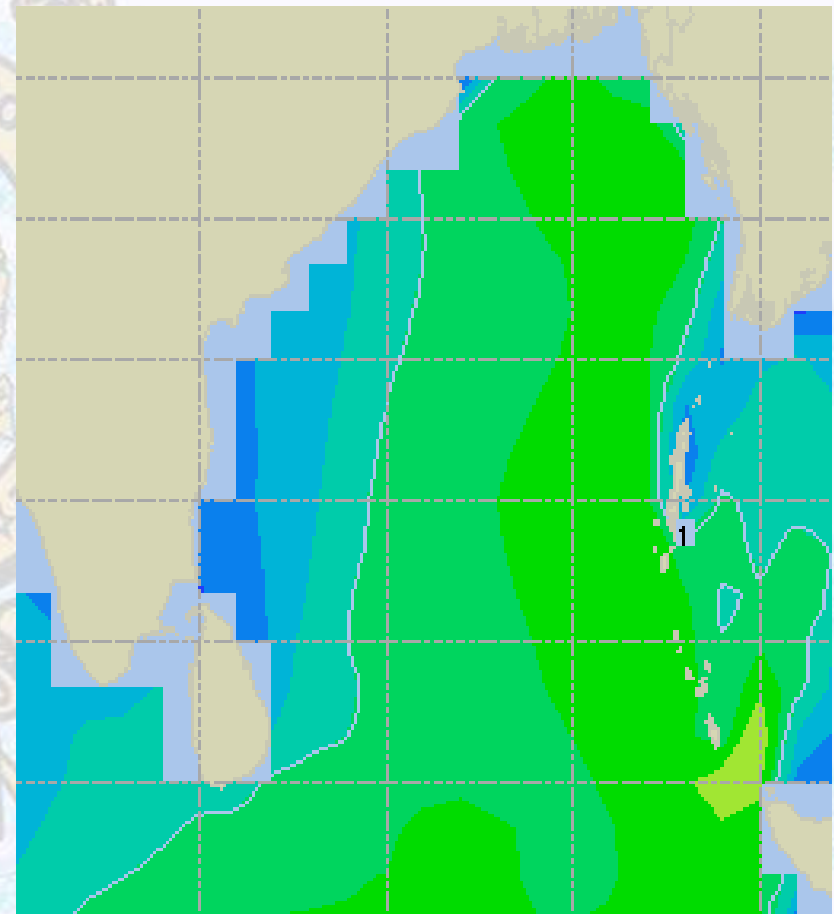
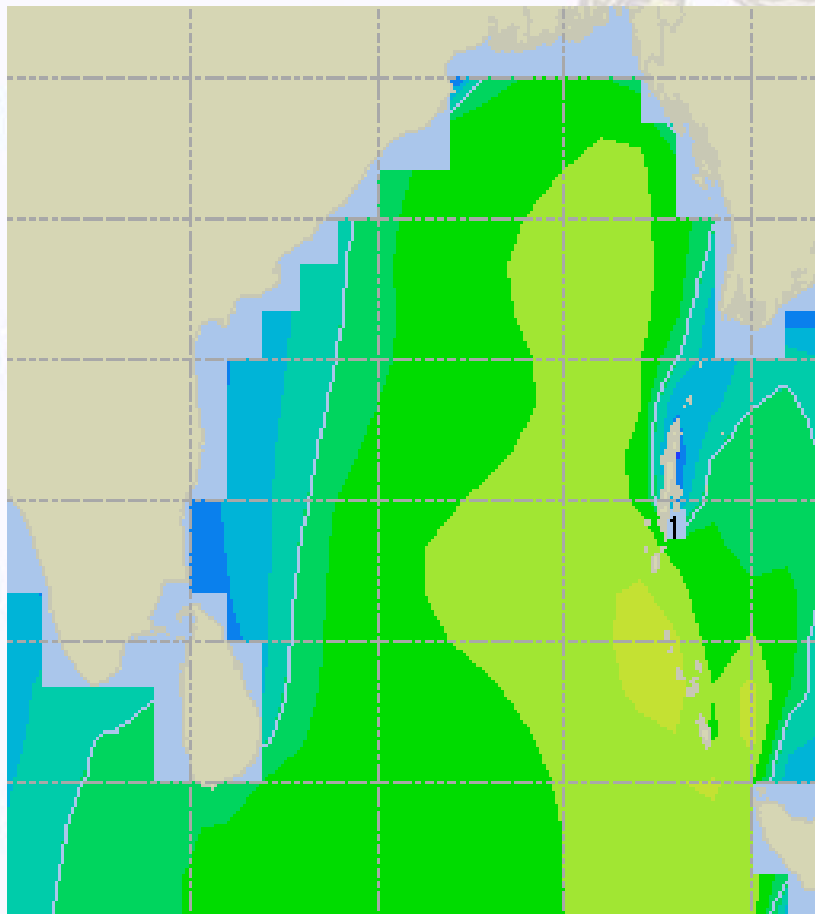




# Sea State Forecast– 15 & 16 May- 2020

15 May 2020 Friday

16 May 2020 Saturday

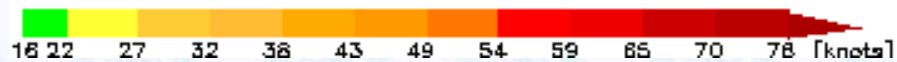
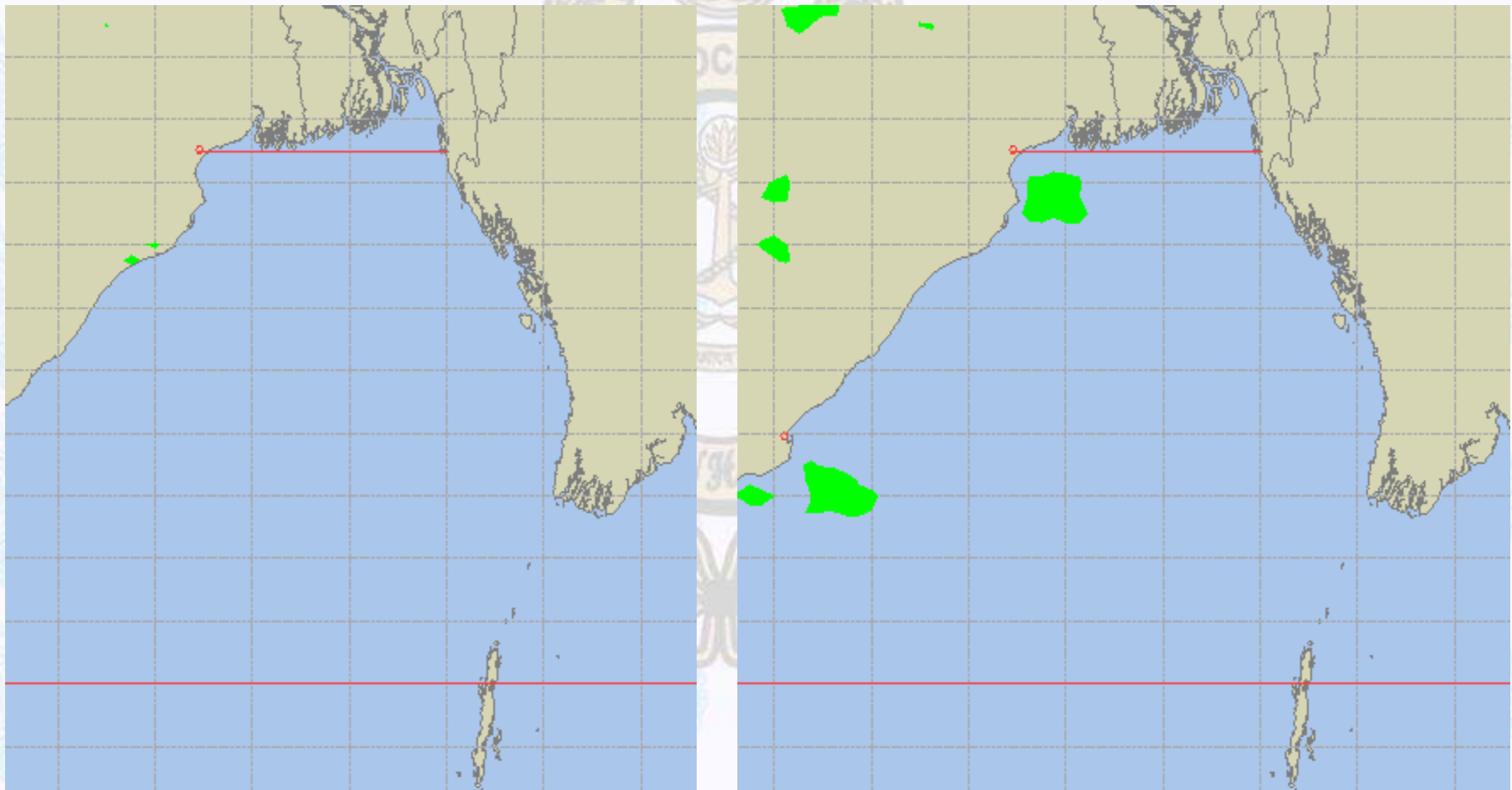




# Peak Gusting Possibilities – 14 & 15 May 2020

14 May 2020 Thursday

15 May 2020 Friday

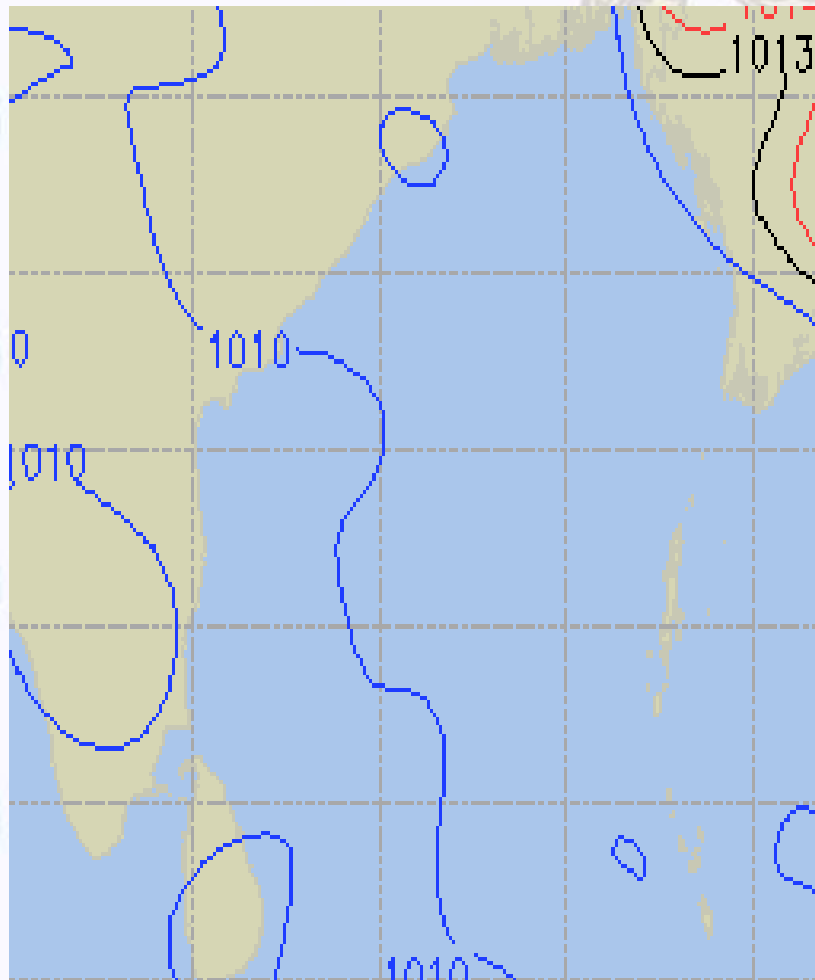




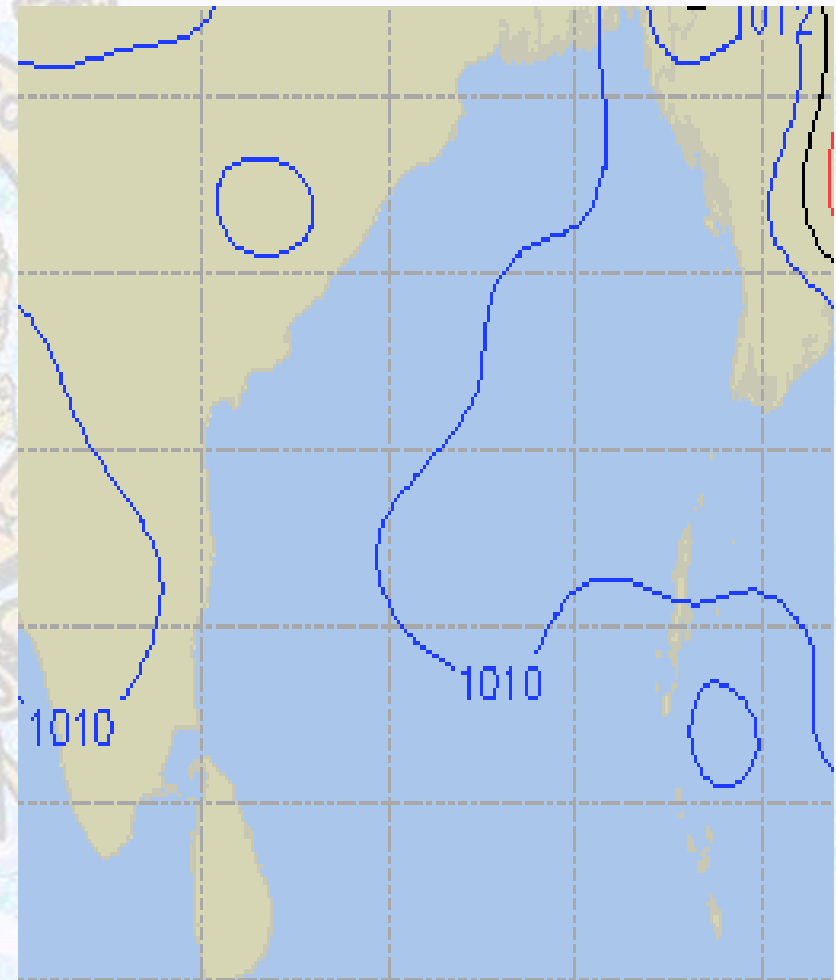


# Surface Pressure forecast – 14 & 15 May 2020

14 May 2020 Thursday



15 May 2020 Friday

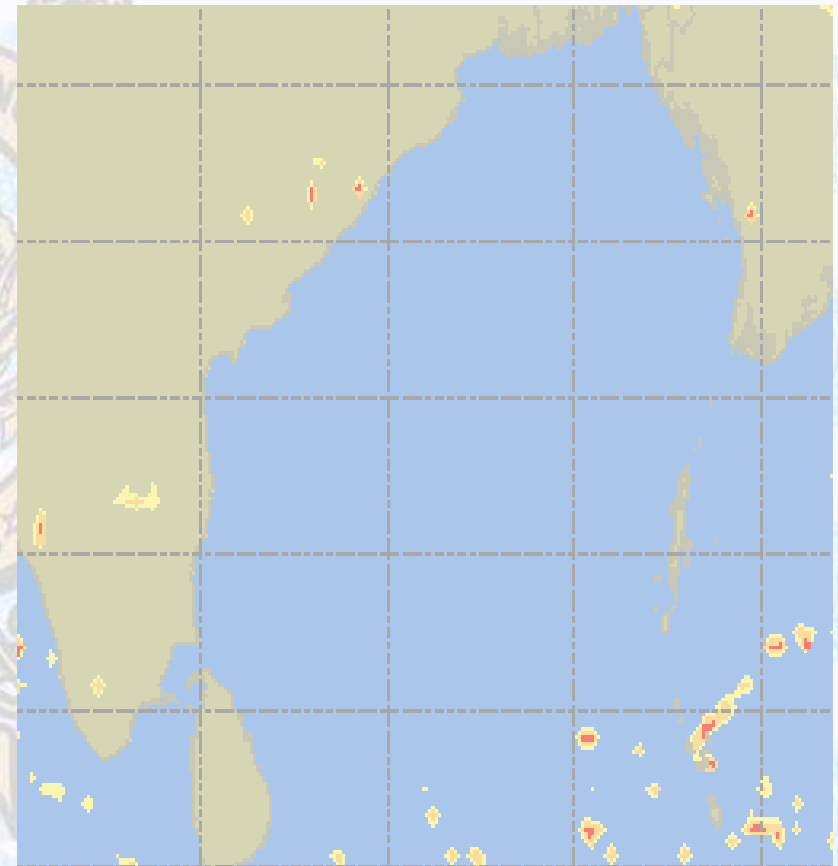
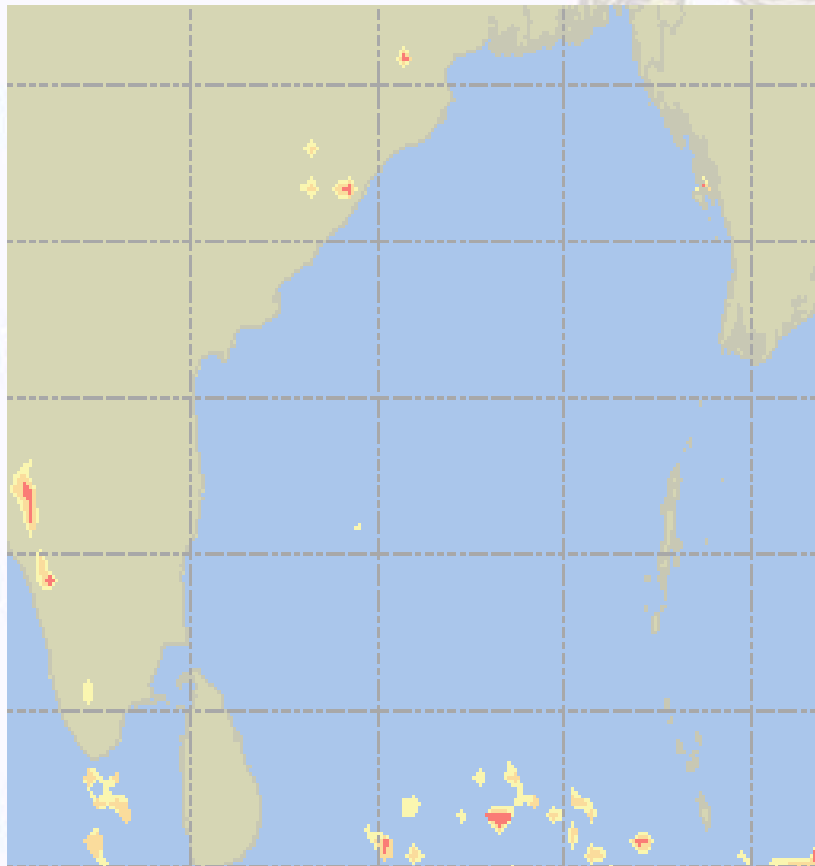




# Visibility at Sea Forecast – 14 & 15 May - 2020

14 May 2020 Thursday

15 May 2020 Friday



**Visibility Scale:**



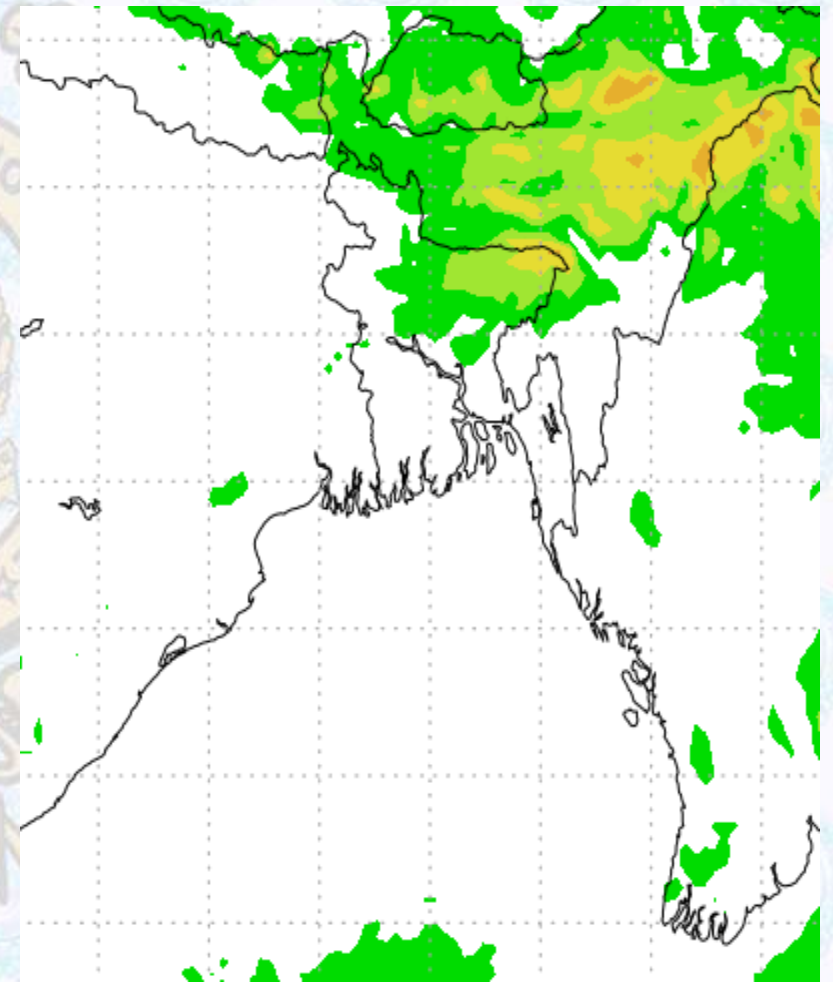
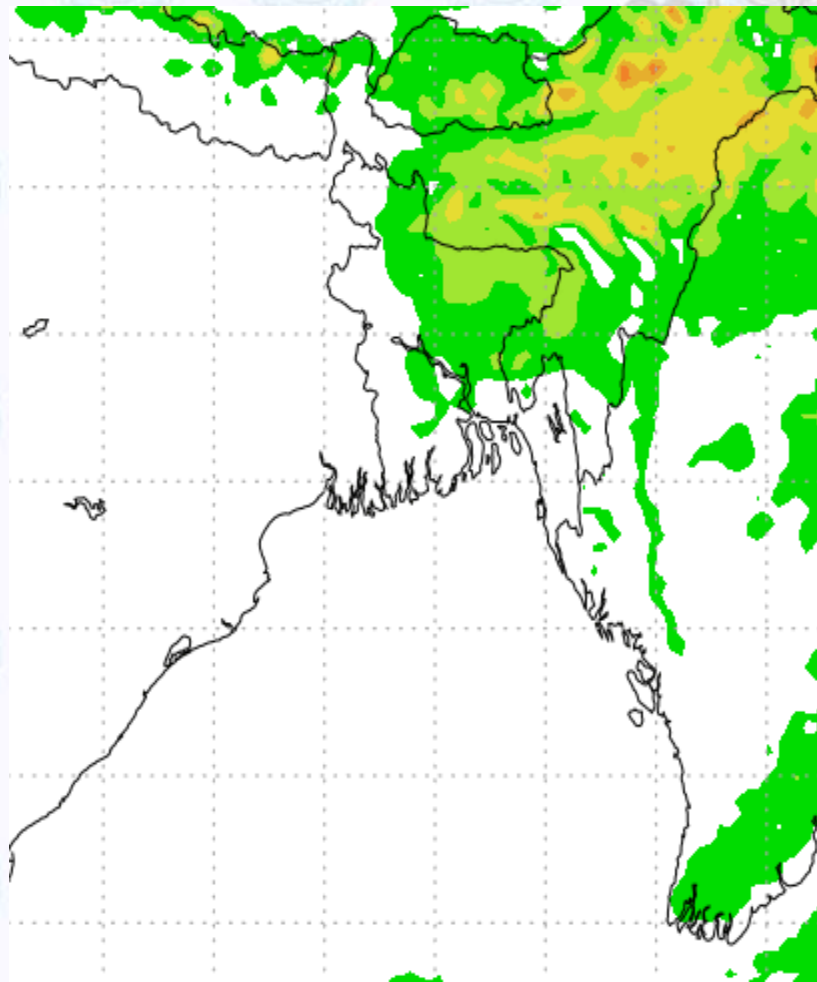
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



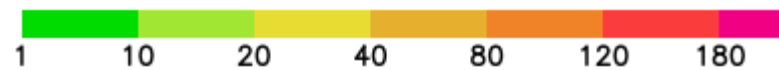
# Precipitation

Rain(mm) 14 & 15 May 2020

Rain(mm) 15 & 16 May 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>14 May 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0009	1.24		0311	2.58		0309	2.37
	0608	3.83		0934	1.21		0911	1.39
	1217	1.55		1540	2.77		1535	2.63
	1832	4.07		2219	1.30		2234	1.37
<b>15 May 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0124	1.35		0421	2.43		0430	2.30
	0731	3.75		1049	1.36		1034	1.51
	1344	1.68		1654	2.62		1654	2.54
	1951	3.95		2351	1.37		2351	1.35
<b>16 May 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0238	1.34		0556	2.43		0609	2.36
	0854	3.84		1220	1.40		1207	1.52
	1507	1.62		1821	2.60		1818	2.53
	2106	3.97		-	-		-	-