



**WEATHER FORECAST FOR BN**

**15 - 18 MAR 2020**



# WEATHER FORECAST – DHAKA

## 15.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 17	31 / 18	26 / 18	24 / 18
Wind	19 km/h NW	16 km/h NNW	10km/h NNW	8 km/h NW
Humidity	43%	43%	59%	68%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	27%	17%	13%	46%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 08 AM 6: 08 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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



# WEATHER FORECAST – CHATTOGRAM

## 15.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 17	33 / 17	27 / 17	23 / 18
Wind	15 km/h NNW	14 km/h NNW	7 km/h N	6 km/h NW
Humidity	36%	37%	55%	70%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	10%	7%	4%	27%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 05 AM 6: 05 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 3.07 Km

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



# WEATHER FORECAST – KHULNA

## 15.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 18	30 / 18	26 / 18	24 / 18
Wind	18 km/h NNW	16 km/h NNW	7 km/h NNW	5 km/h N
Humidity	49%	49%	61%	71%
Chance of Precip.	1%	1%	1%	7%
Cloud Cover	19%	9%	21%	59%
Conditions	Sunny	Sunny	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 13 AM 6: 13 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	16 Mar 2020	17 Mar 2020	18 Mar 2020
<b>Temperature (C)</b>	33°C/ 20°C	33°C/ 19°C	33°C/ 20°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h06m00s/18h08m06s	6h04m48s/18h08m30s	6h04m00s/18h08m48s
<b>Day Length</b>	12h02m36s	12h03m42s	12h04m48s
<b>Moon Rise/ Set</b>	12:11AM 11:13AM	1:10AM 12:05PM	2:04AM 12:59PM
<b>Moon Phase/ illu</b>	Last Quarter, 49%	Waning Crescent, 38%	Waning Crescent, 28%
<b>NauticalTwilight</b>	0517,1856	0516,1857	0515,1857
<b>Civil Twilight</b>	0543,1830	0542,1831	0541,1831
<b>Humidity</b>	D : 51%    N : 60%	D : 42%    N : 62%	D : 43%    N : 62%
<b>Barometer (mb)</b>	1012	1013	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	1%	1%	1%
<b>Wind (mph)</b>	13 Km/h    NW	13 Km/h    NW	12 Km/h    WNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	16 Mar 2020	17 Mar 2020	18 Mar 2020
<b>Temperature (C)</b>	32°C/ 20°C	32°C/ 20°C	31°C/ 20°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h00m00s/18h02m24s	5h59m00s/18h02m42s	5h58m06s/18h03m06s
<b>Day Length</b>	12h02m24s	12h03m42s	12h05m00s
<b>Moon Rise/ Set</b>	12:02AM 11:10AM	1:01AM 12:02PM	2:08AM 1:05PM
<b>Moon Phase/ illu</b>	Last Quarter, 49%	Waning Crescent, 38%	Waning Crescent, 28%
<b>NauticalTwilight</b>	0512, 1850	0511, 1851	0510, 1851
<b>Civil Twilight</b>	0538, 1824	0537, 1825	0536, 1825
<b>Humidity</b>	D : 55% N : 70%	D : 52% N : 73%	D : 55% N : 89%
<b>Barometer (mb)</b>	1012	1014	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	1 %	1 %	1 %
<b>Wind (mph)</b>	13 Km/h NW	12 Km/h NW	11 Km/h WNW

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



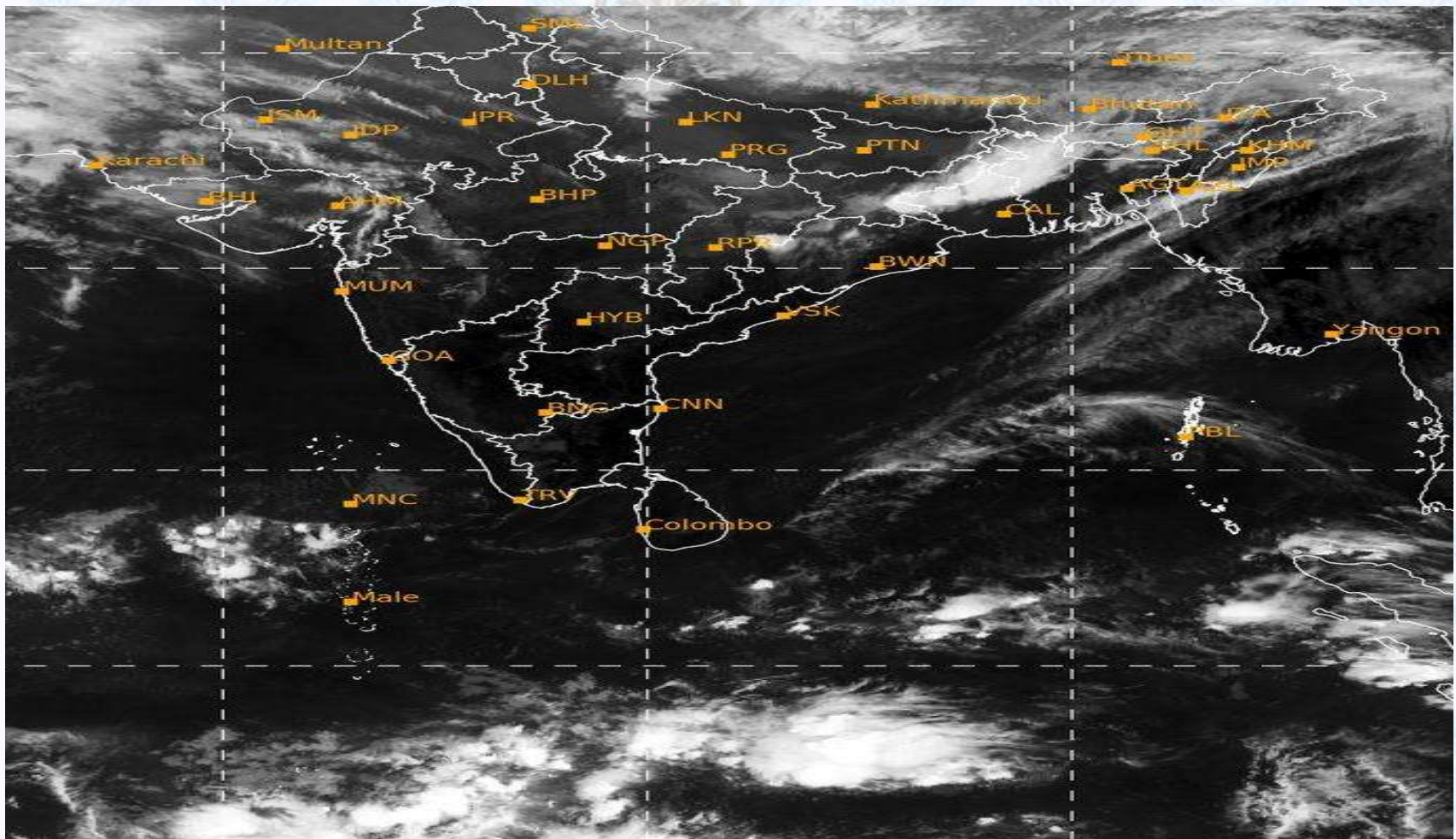
# GENERAL WEATHER FORECAST – KHULNA

Description	16 Mar 2020	17 Mar 2020	18 Mar 2020
<b>Temperature(C)</b>	33°C/ 20°C	32°C/ 19°C	33°C/ 20°C
<b>Summary</b>	Partly Cloudy/Sunny	Partly Cloudy/Sunny	Partly Cloudy/Sunny
<b>Sun Rise/Set</b>	6h09m12s/18h11m30s	6h08m06s/18h11m54s	6h07m18s/18h12m12s
<b>Day Length</b>	12h02m18s	12h03m48s	12h04m54s
<b>Moon Rise/Set</b>	12:14AM 11:19AM	1:13AM 12:11PM	2:08AM 1:05PM
<b>Moon Phase/illu</b>	Last Quarter, 49%	Waning Crescent, 38%	Waning Crescent, 28%
<b>Nautical Twilight</b>	0521, 1900	0520, 1900	0519, 1900
<b>Civil Twilight</b>	0547, 1833	0546, 1834	0545, 1834
<b>Humidity</b>	D : 53%    N : 61%	D : 45%    N : 63%	D : 42%    N : 59%
<b>Barometer (mb)</b>	1013	1014	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	1%	1%	1%
<b>Wind (mph)</b>	14 km/h NW	12 km/h NW	13 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



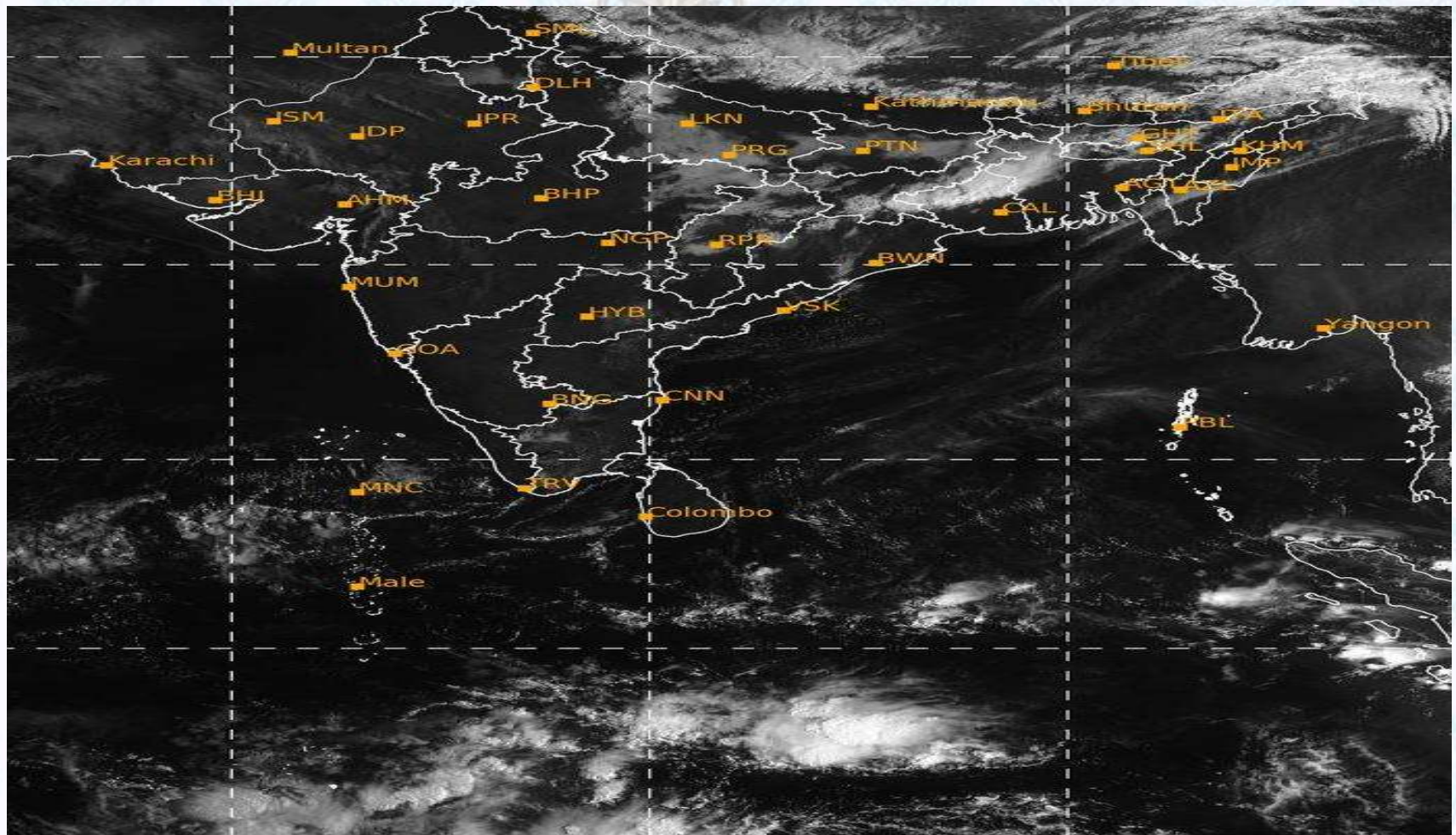
15/03/2020, 10:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



15/03/2020, 10:00 MATSAT-VIS

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



# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 15.03.2020)

<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/ NORTH-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 =15,0000 UTC. CHATTOGRAM =1013 HPA



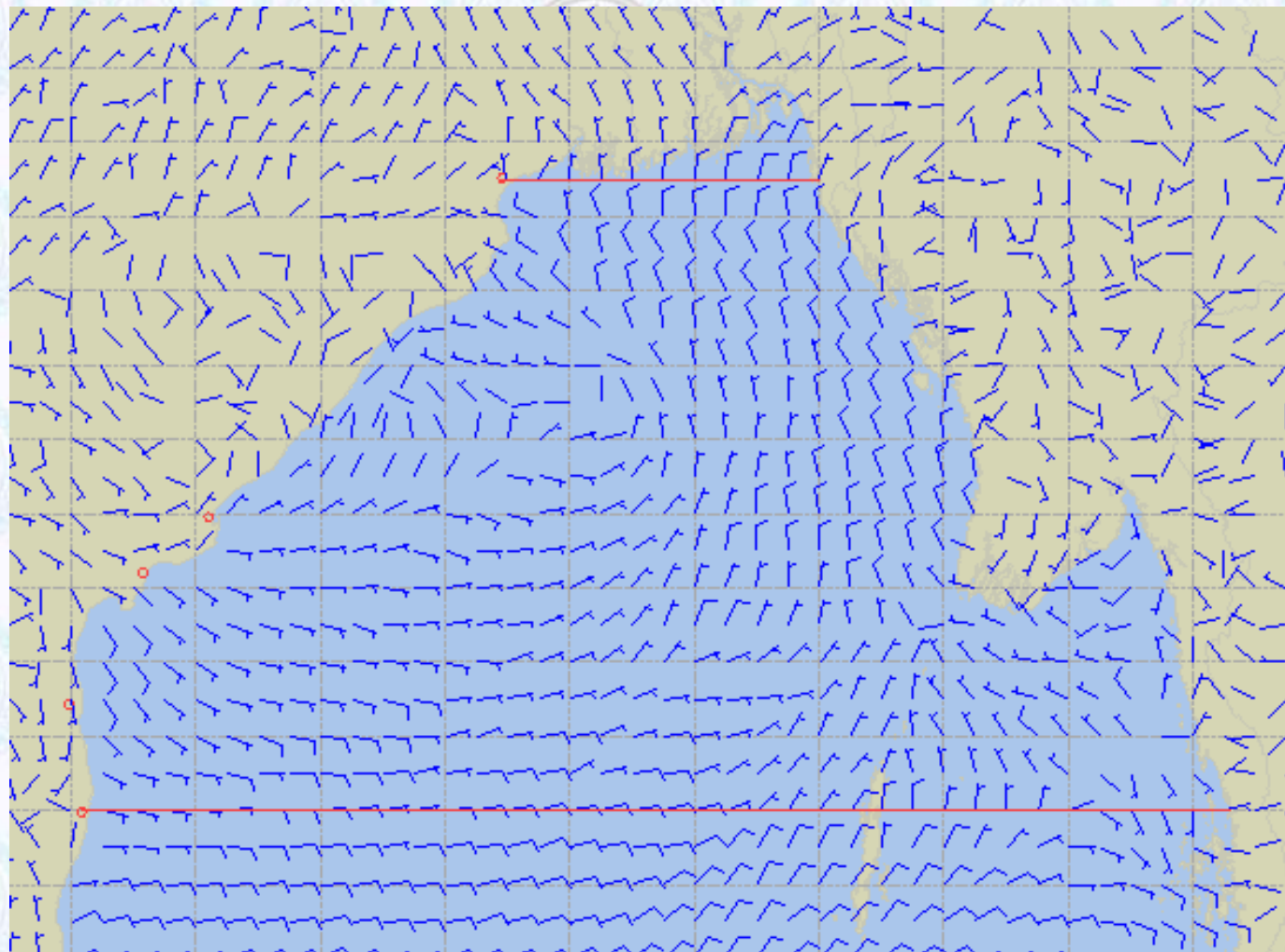
# Inland River Port Warning (VALID TILL 06 PM OF 15.03.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY WEST/NORTH-ESTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGION OF JASHORE, KUSHTIA, PABNA AND KHULNA WHERE IN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 16 Mar - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



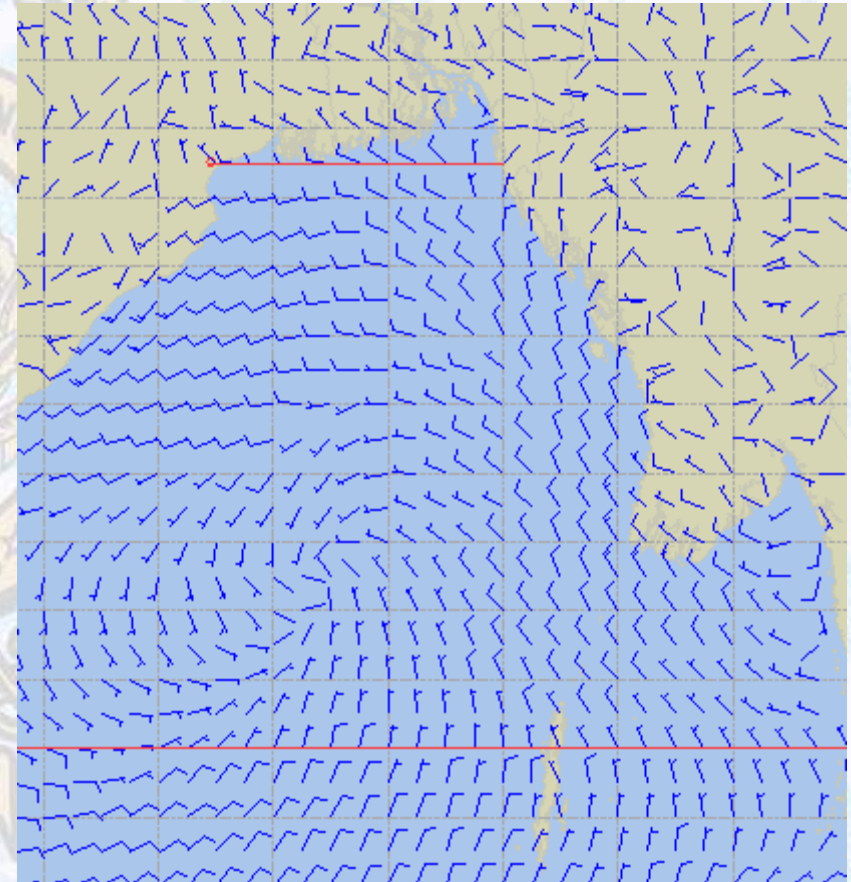
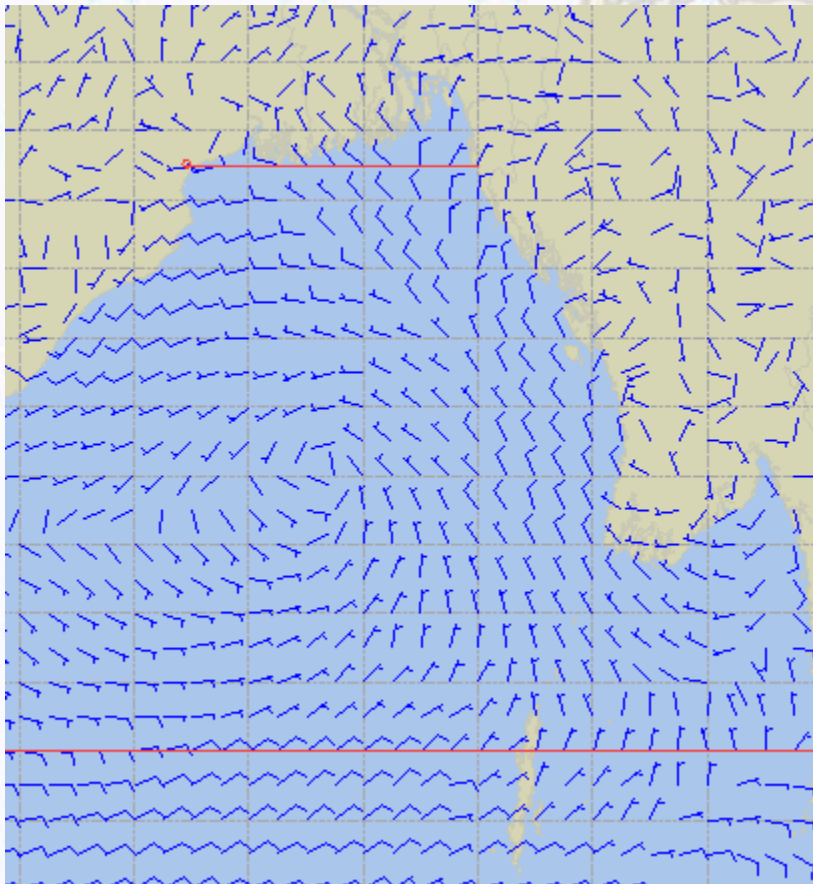
**60 Knots**



# Surface Wind Forecast – 17 & 18 Mar - 2020

17 Mar 2020 Tuesday

18 Mar 2020 Wednesday



**Legend:**



Calm  
Winds



5 Knots



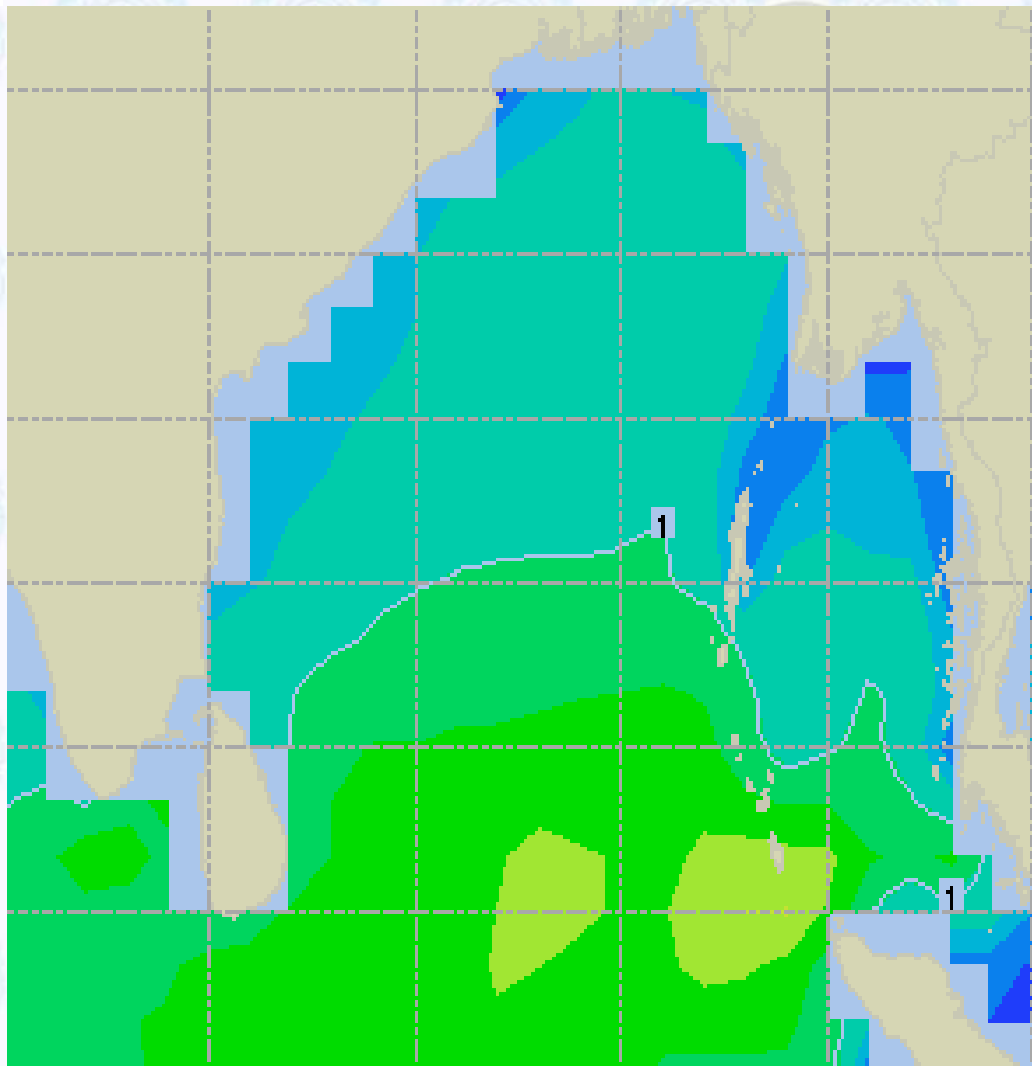
10 Knots



60 Knots



# Sea State Forecast - 16 Mar - 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

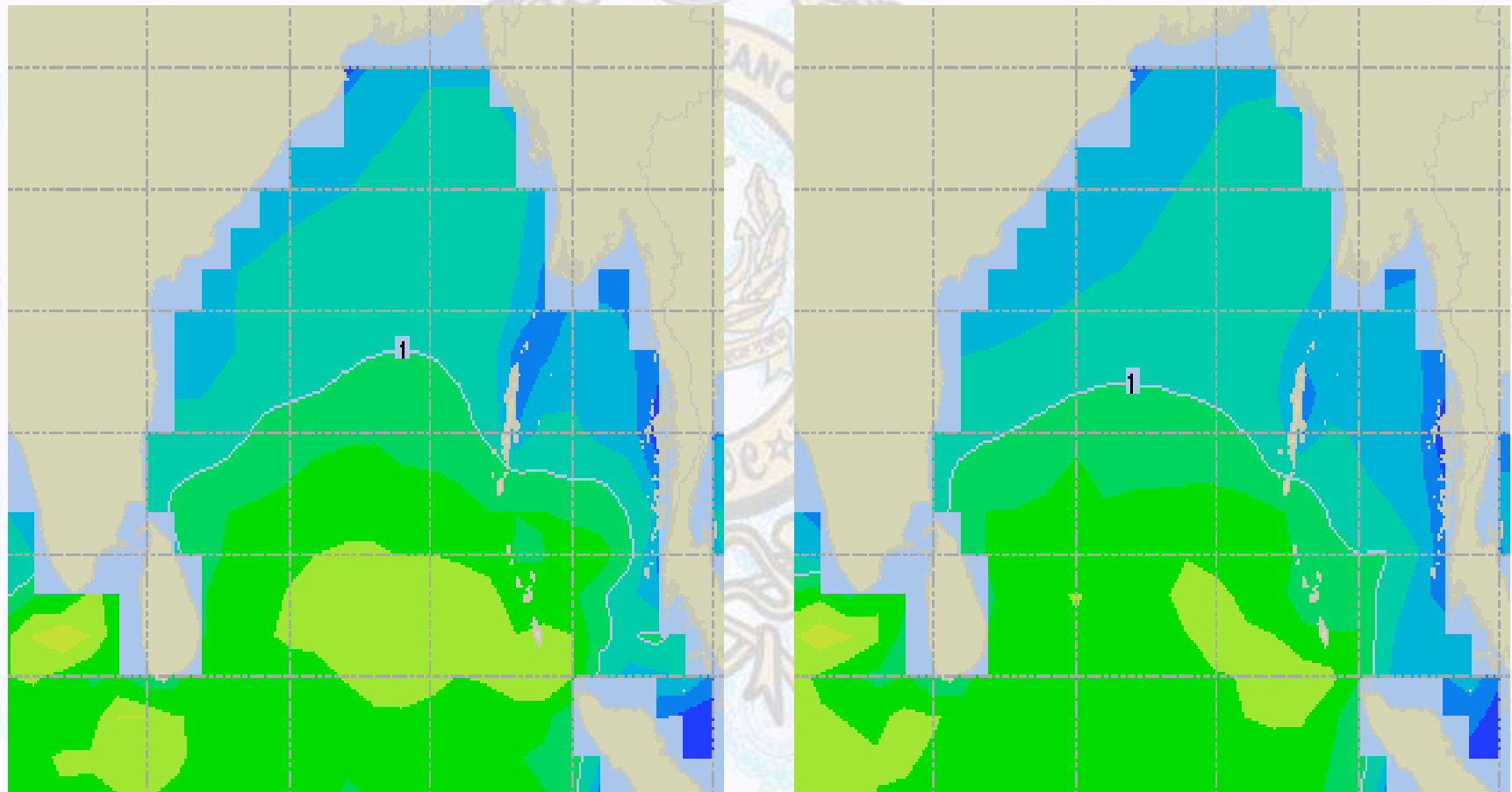




# Sea State Forecast - 17 & 18 Mar - 2020

17 Mar 2020 Tuesday

18 Mar 2020 Wednesday

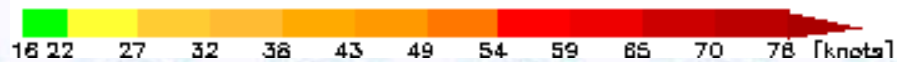
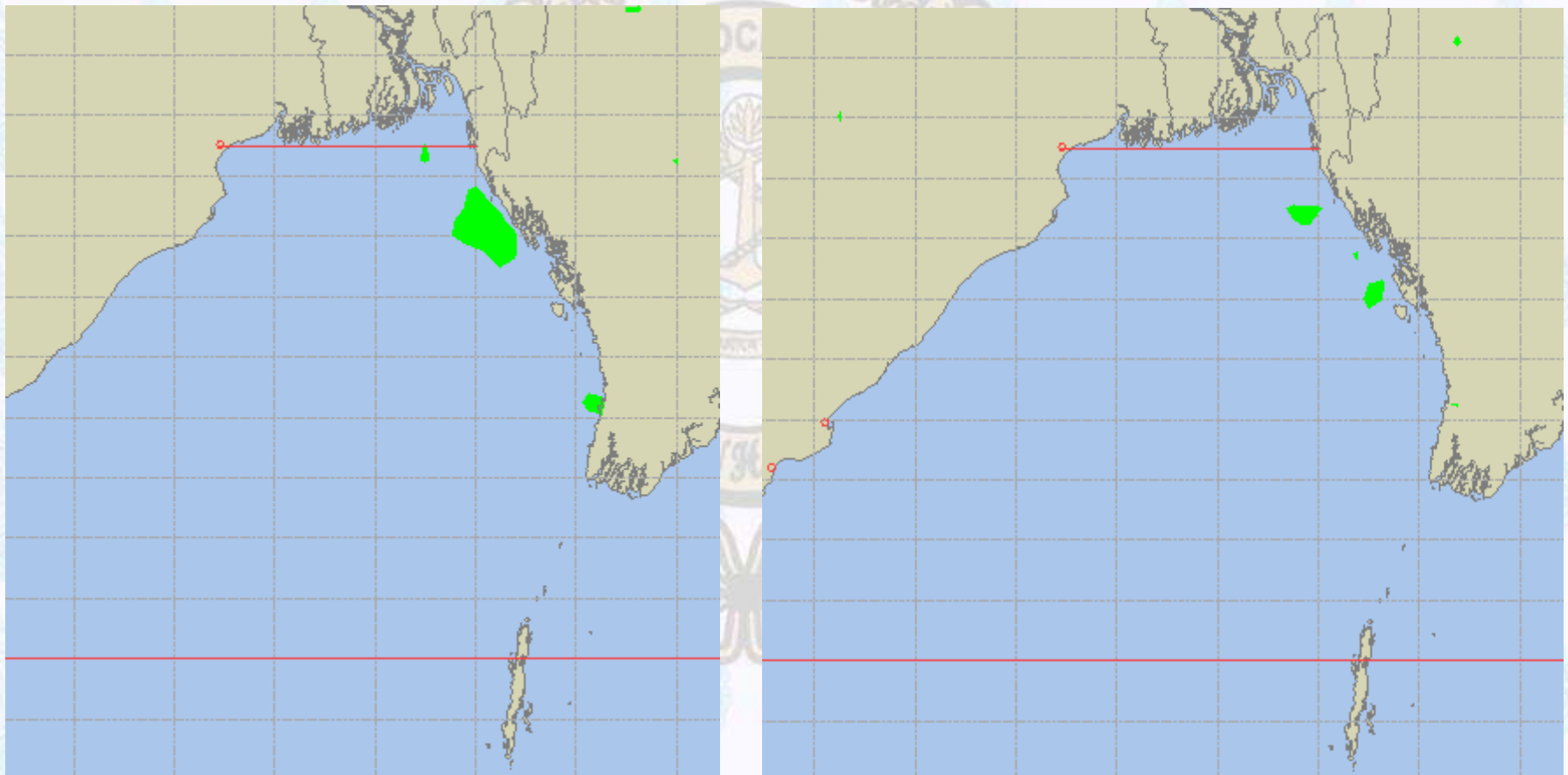




# Peak Gusting Possibilities – 16 & 17 Mar - 2020

16 Mar 2020 Monday

17 Mar 2020 Tuesday

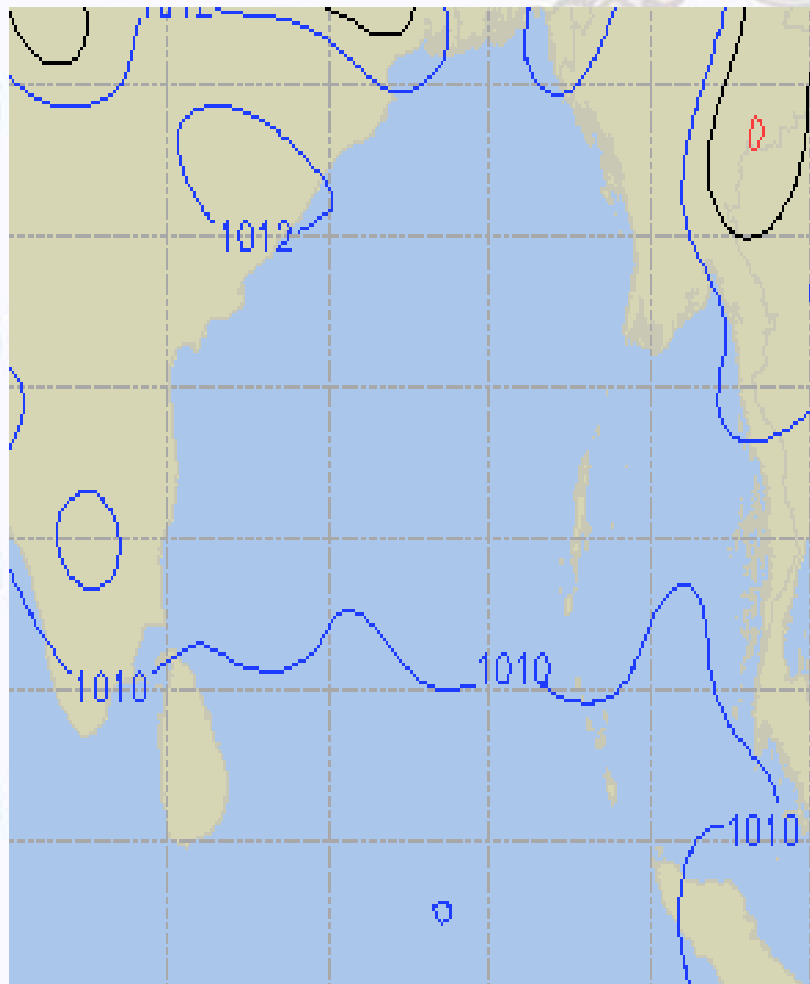




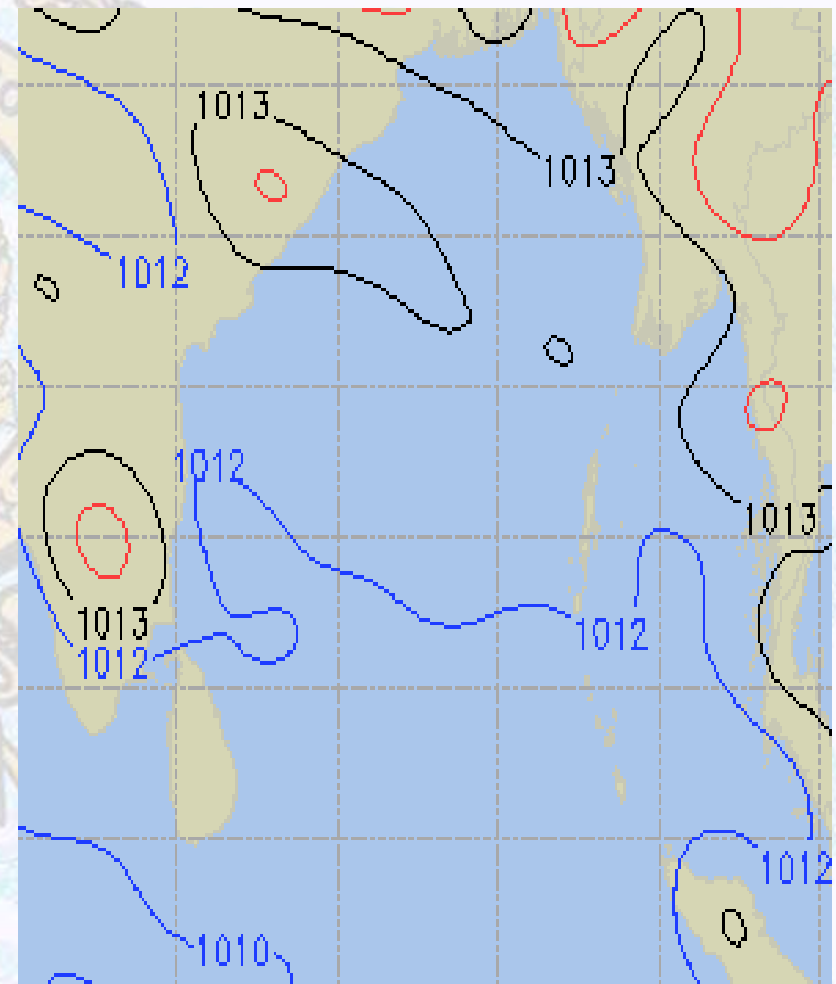


# Surface Pressure forecast – 16 & 17 Mar - 2020

16 Mar 2020 Monday



17 Mar 2020 Tuesday

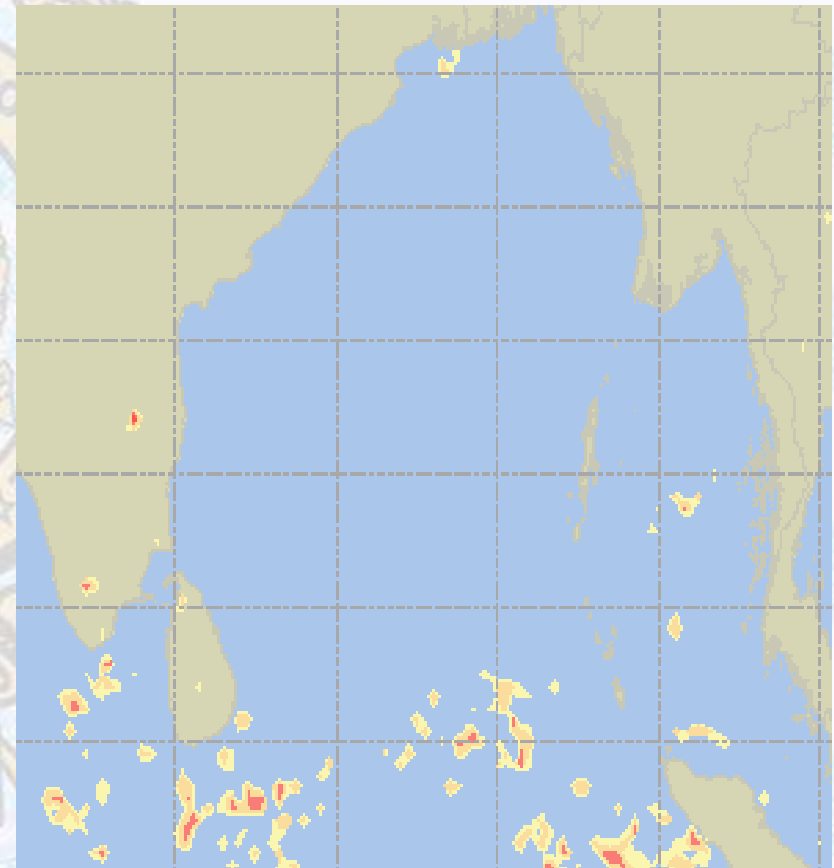
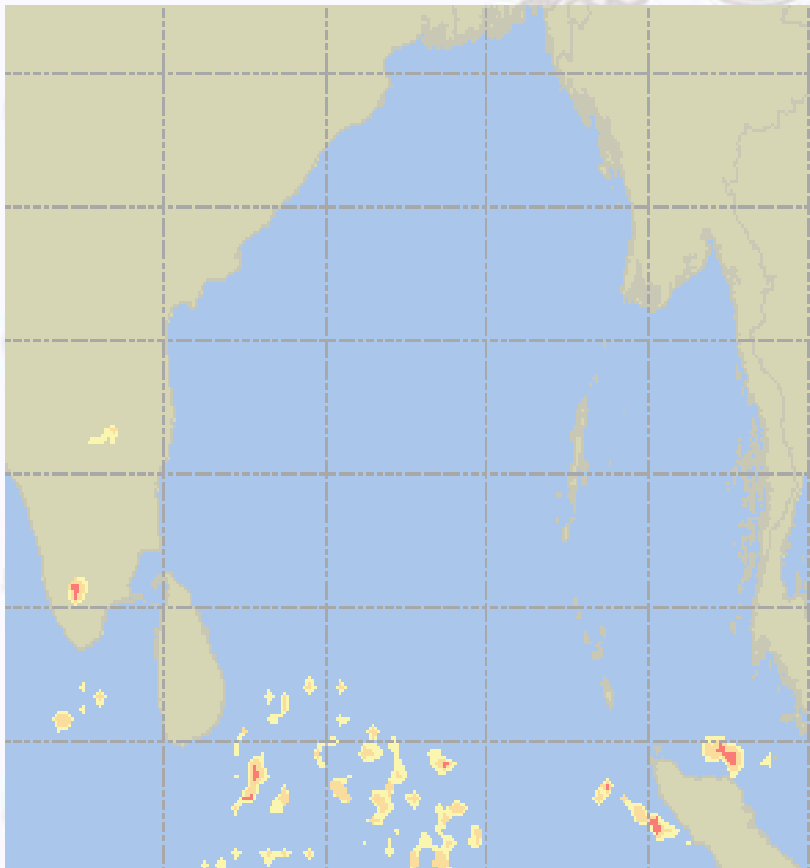




# Visibility at Sea Forecast – 16 & 17 Mar - 2020

16 Mar 2020 Monday

17 Mar 2020 Tuesday



**Visibility Scale:**



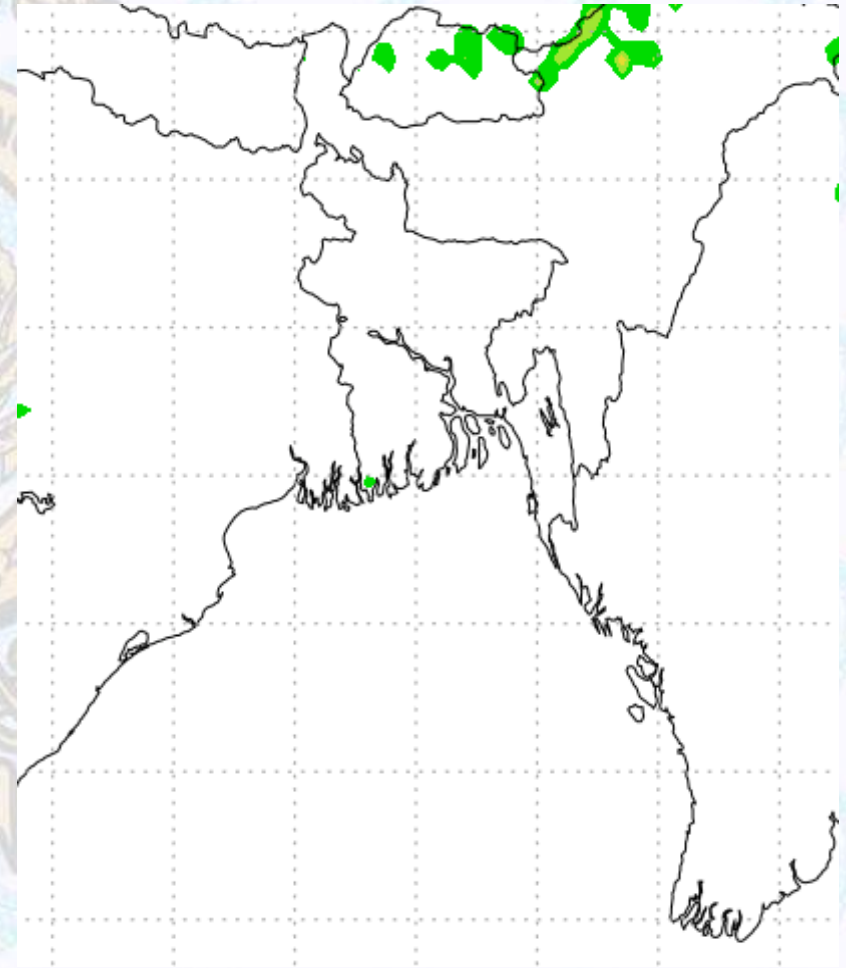
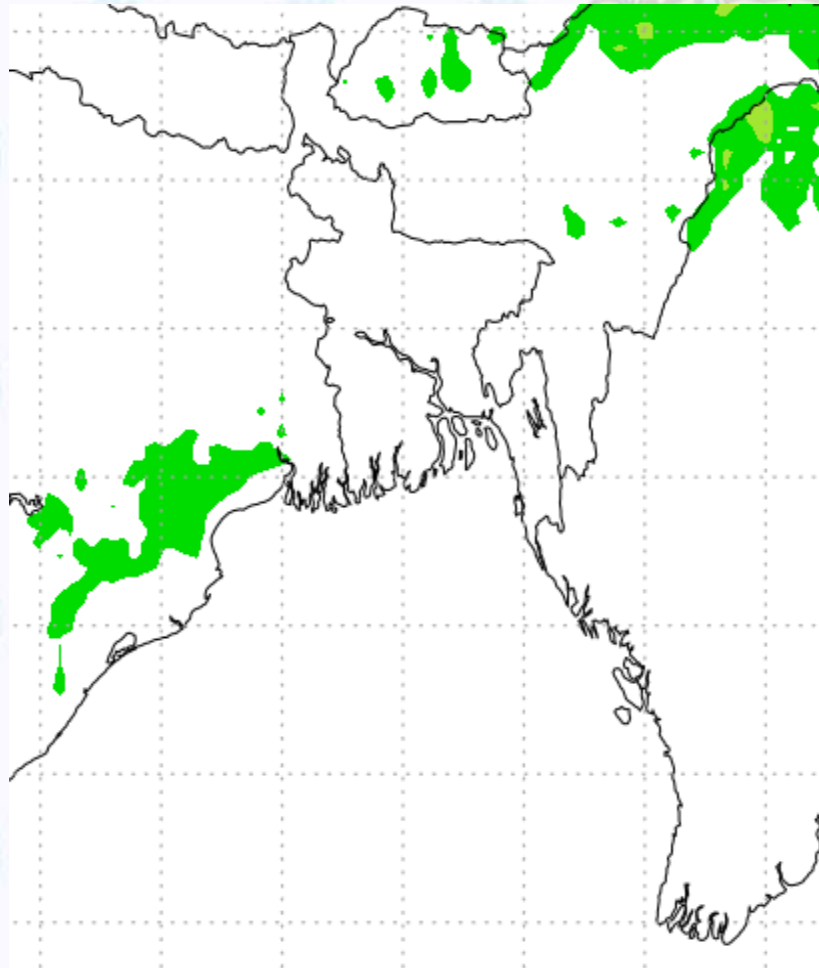
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 16 & 17 Mar 2020

Rain(mm) 17 & 18 Mar 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0553		3.41			0302	2.53
16 Mar 2020	1212	0.97		0931	0.59		0915	0.85
	1835	3.65		1535	2.54		1544	2.31
	-	-		2208	0.77		2220	1.13
	Time	Height		Time	Height		Time	Height
		0119		1.09			0401	2.22
17 Mar 2020	0725	3.10		1033	0.80		1033	1.08
	1336	1.26		1646	2.32		1725	2.18
	2009	3.49		2331	0.93		-	-
	Time	Height		Time	Height		Time	Height
		0258		1.11			0525	2.02
18 Mar 2020	0914	3.06		1205	0.93		0624	1.86
	1514	1.30		1823	2.26		1228	1.14
	2138	3.53		-	-		1914	2.23