



WEATHER FORECAST FOR BN

14 - 17 MAR 2020



WEATHER FORECAST – DHAKA

14.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 17	33 / 18	27 / 17	25 / 17
Wind	18 km/h NNW	19 km/h NNW	17km/h NNW	14 km/h NNW
Humidity	37%	41%	55%	63%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	35%	49%	59%	72%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 09 AM 6: 08 PM			

Conditions

Pressure : 1013 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

14.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 20	33 / 20	29 / 20	26 / 20
Wind	13 km/h WNW	14 km/h WNW	16 km/h NW	12 km/h NNW
Humidity	45%	46%	56%	67%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	1%	1%	31%	42%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 03 AM 6: 02 PM			

Conditions

Pressure : 1012 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

14.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 19	33 / 19	28 / 19	25 / 18
Wind	13 km/h N	14 km/h N	13 km/h N	13 km/h N
Humidity	43%	44%	58%	68%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	30%	52%	57%	59%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 13 AM 6: 12 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	15 Mar 2020	16 Mar 2020	17 Mar 2020
Temperature (C)	33 °C/ 21 °C	33 °C/ 20 °C	33 °C/ 20 °C
Summary	Sunny	Sunny/	Sunny
Sun Rise/Set	6h07m00s/18h07m36s	6h06m00s/18h08m06s	6h04m48s/18h08m30s
Day Length	12h00m36s	12h02m36s	12h03m42s
Moon Rise/ Set	- -	12:11AM 11:13AM	1:10AM 12:05PM
Moon Phase/ illu	Waning Gibbous, 99%	Last Quarter, 49%	Waning Crescent, 38%
NauticalTwilight	0518,1856	0517,1856	0516,1857
Civil Twilight	0544,1830	0543,1830	0542,1831
Humidity	D : 53% N : 72%	D : 50% N : 61%	D : 42% N : 61%
Barometer (mb)	1012	1012	1013
Visibility	Good	Good	Good
Precip Chance	1%	10%	1%
Wind (mph)	17 Km/h NW	15 Km/h NW	12 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Mar 2020	16 Mar 2020	17 Mar 2020
Temperature (C)	33°C/ 21°C	32°C/ 21°C	32°C/ 21°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h01m06s/18h02m00s	6h00m00s/18h02m24s	5h59m00s/18h02m42s
Day Length	12h00m54s	12h02m24s	12h03m42s
Moon Rise/ Set	- -	12:02AM 11:10AM	1:01AM 12:02PM
Moon Phase/ illu	Waning Gibbous, 99%	Last Quarter, 49%	Waning Crescent, 38%
Nautical Twilight	0513, 1850	0512, 1850	0511, 1851
Civil Twilight	0539, 1824	0538, 1824	0537, 1825
Humidity	D : 57% N : 74%	D : 58% N : 71%	D : 52% N : 71%
Barometer (mb)	1012	1012	1014
Visibility	Good	Good	Good
Precip Chance	1 %	1 %	1 %
Wind (mph)	5 Km/h NW	12 Km/h NW	12 Km/h NW

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



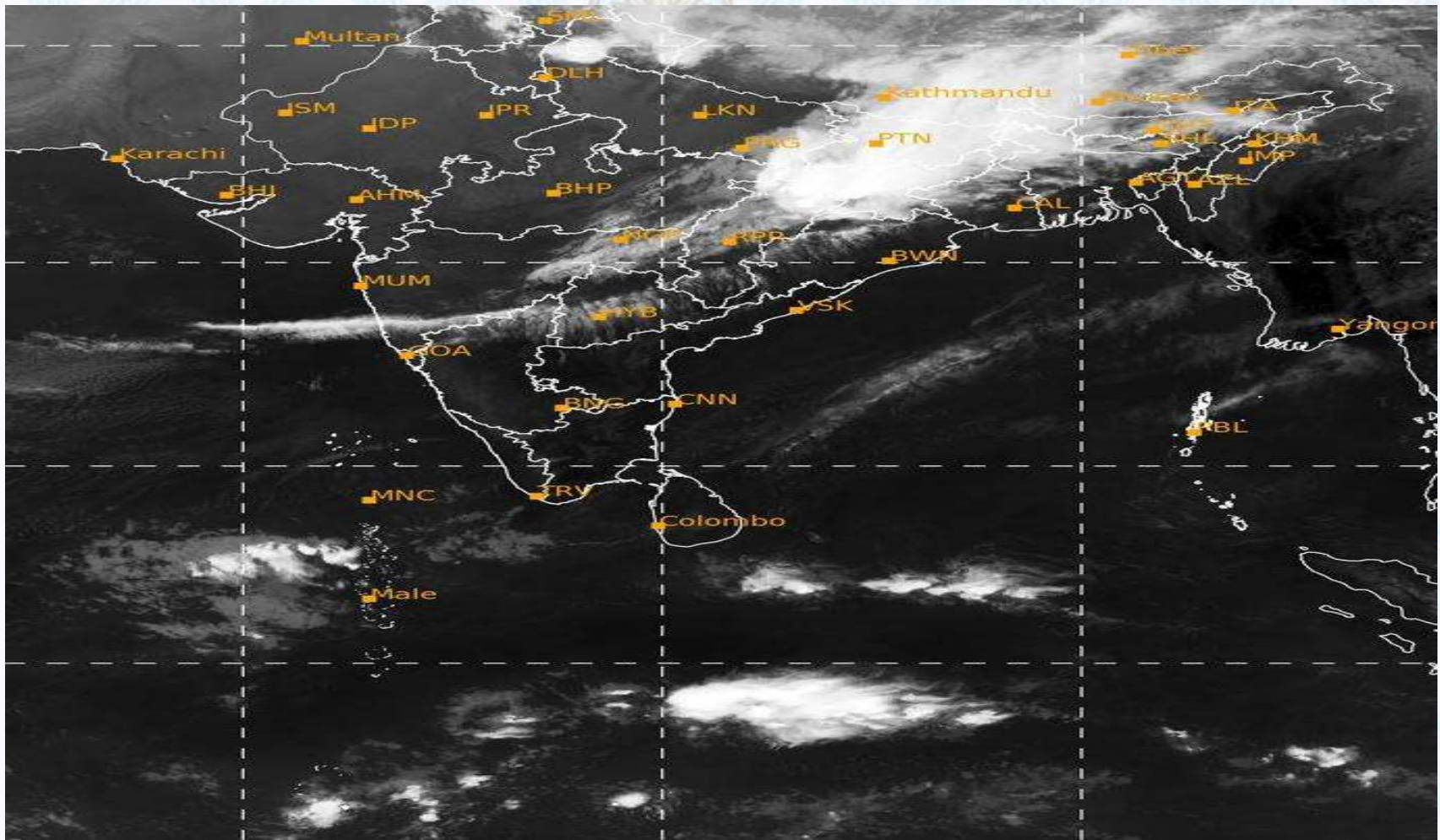
GENERAL WEATHER FORECAST – KHULNA

Description	15 Mar 2020	16 Mar 2020	17 Mar 2020
Temperature(C)	32°C/ 21°C	33°C/ 20°C	33°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h10m18s/18h11m06s	6h09m12s/18h11m30s	6h08m06s/18h11m54s
Day Length	12h00m18s	12h02m18s	12h03m48s
Moon Rise/Set	- -	12:14AM 11:19AM	1:13AM 12:11PM
Moon Phase/illu	Waning Gibbous, 99%	Last Quarter, 49%	Waning Crescent, 38%
Nautical Twilight	0522, 1859	0521, 1900	0520, 1900
Civil Twilight	0548, 1833	0547, 1833	0546, 1834
Humidity	D : 58% N : 74%	D : 53% N : 61%	D : 45% N : 62%
Barometer (mb)	1013	1012	1013
Visibility	Good	Good	Good
Precip Chance	1%	10%	1%
Wind (mph)	16 km/h NNW	14 km/h NW	12 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

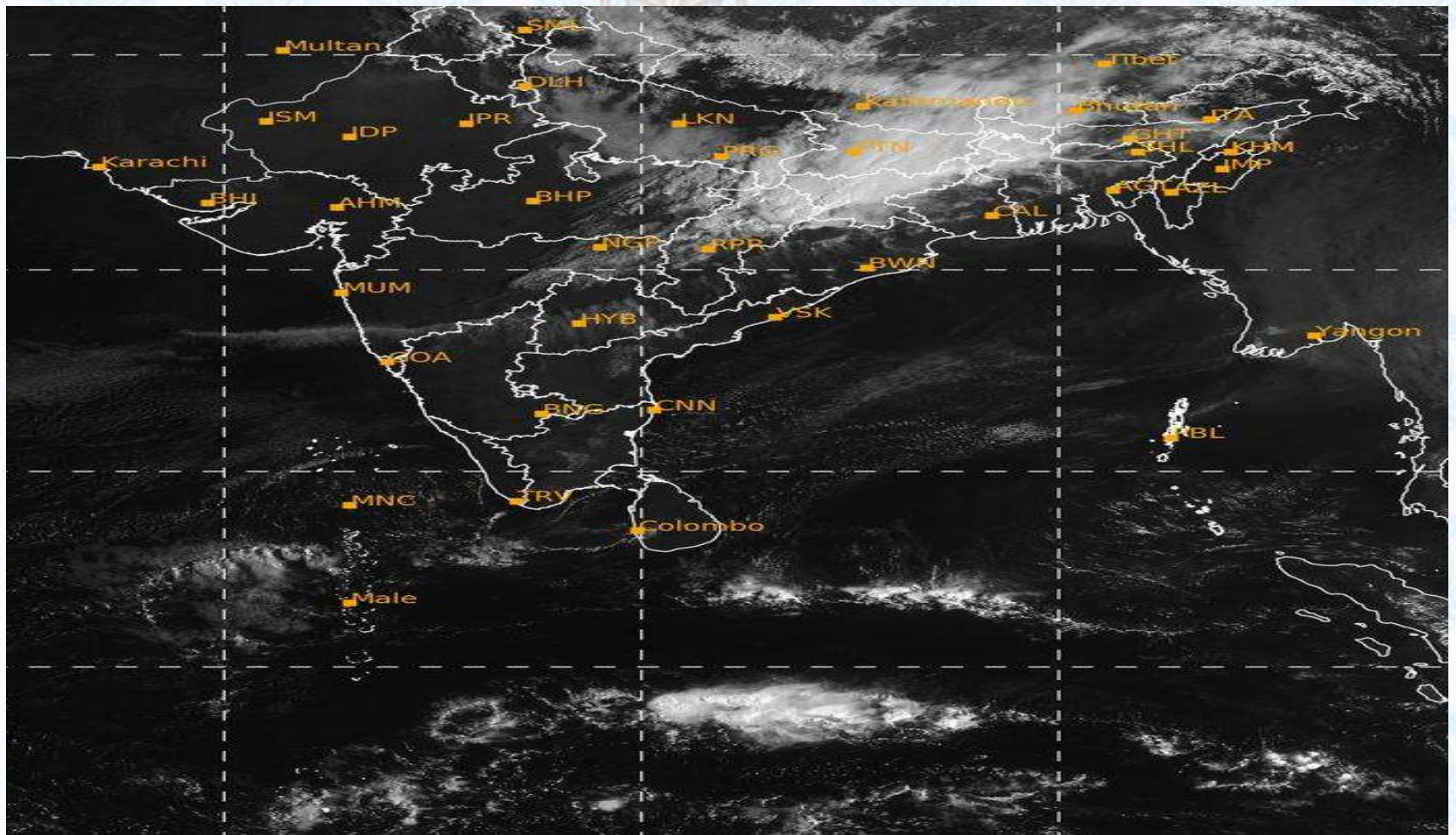


14/03/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



14/03/2020, 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 14.03.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	WEST/ NORTH-WESTERLY, 06-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =14,0000 UTC. CHATTOGRAM =1012 HPA



Inland River Port Warning (VALID TILL 06 PM OF 14.03.2020)

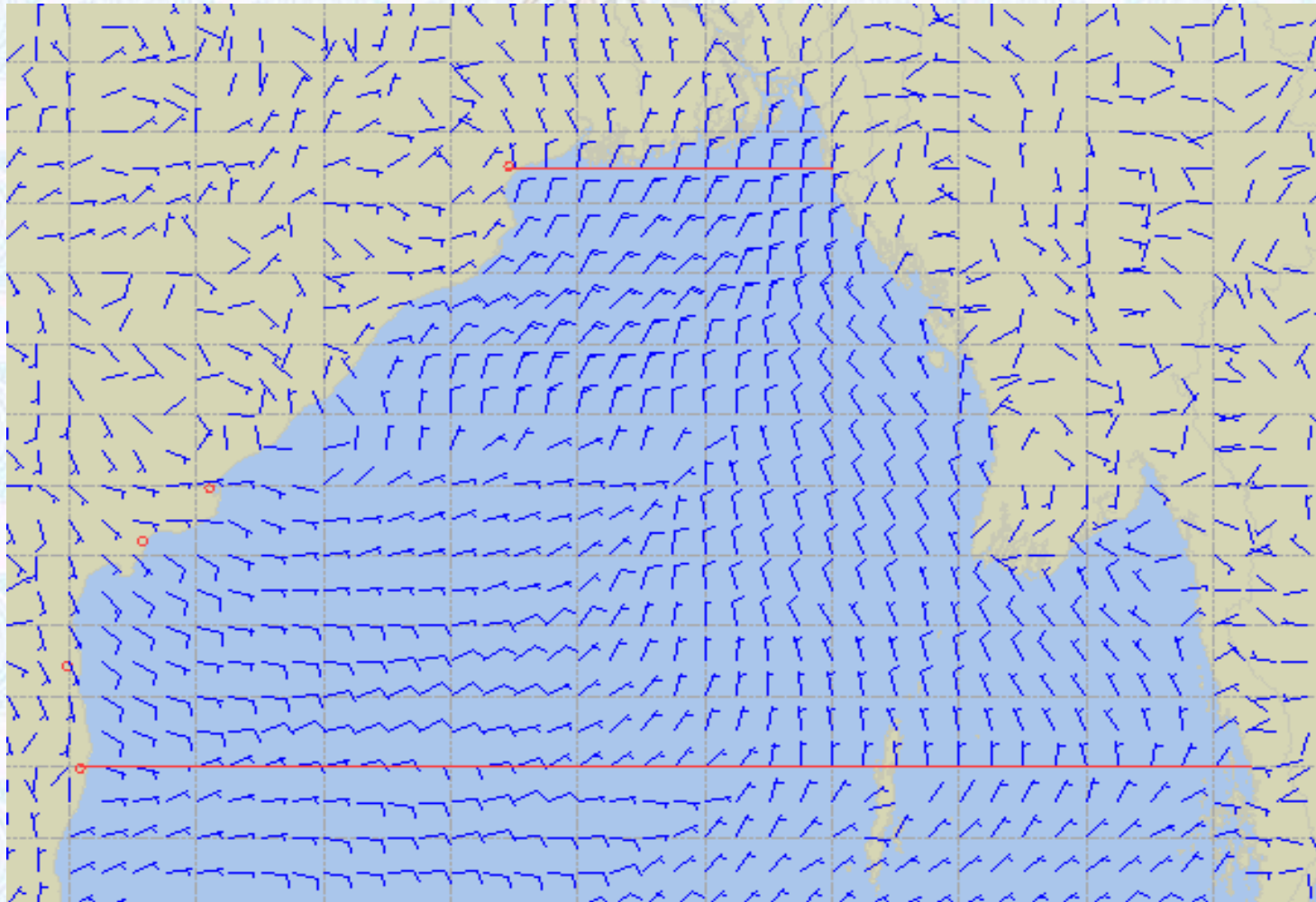
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY WEST/NORTH-WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, BOGURA, TANGAIL, MYMENSINGH, JASHORE & KUSHTIA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.



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



Surface Wind Forecast- 15 Mar - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



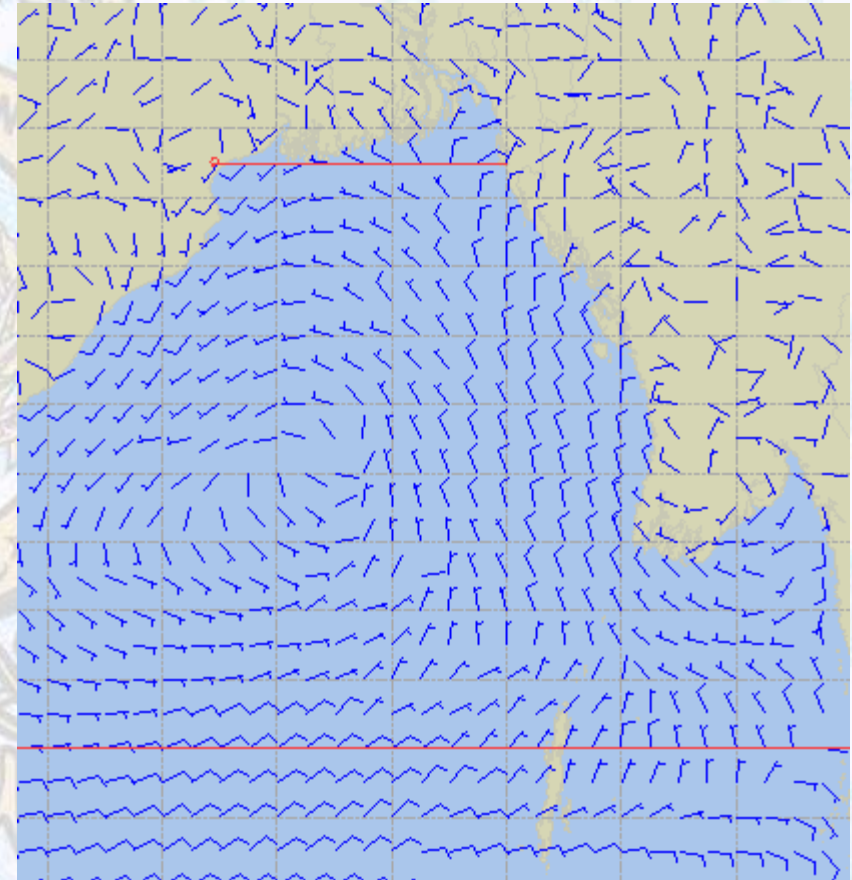
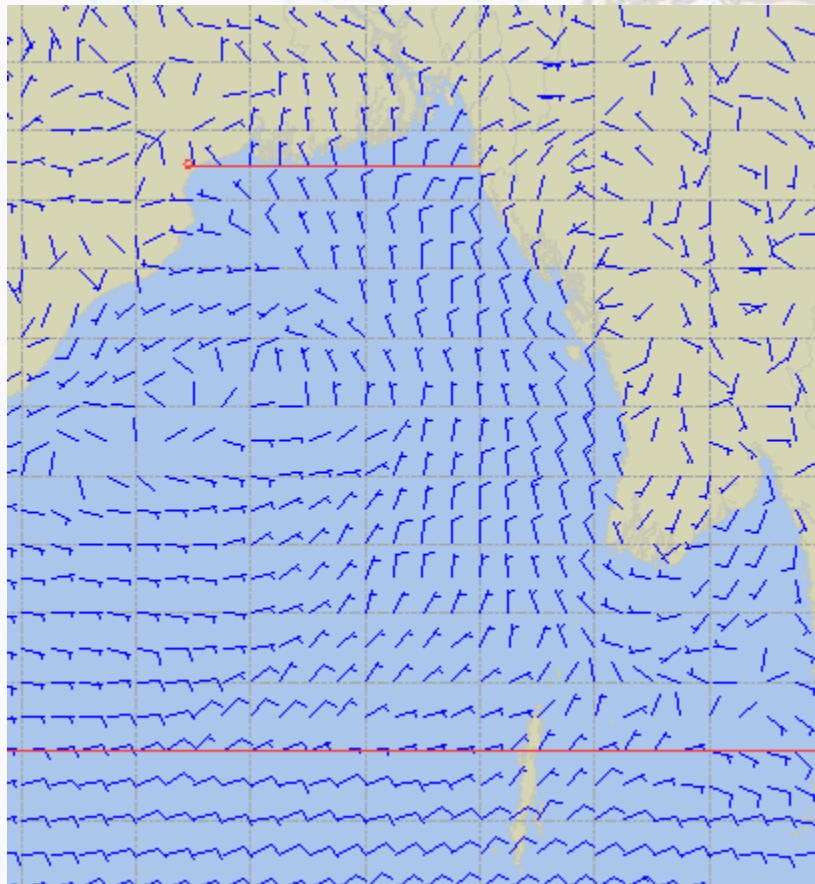
60 Knots



Surface Wind Forecast – 16 & 17 Mar - 2020

16 Mar 2020 Monday

17 Mar 2020 Tuesday



Legend:



Calm
Winds



5 Knots



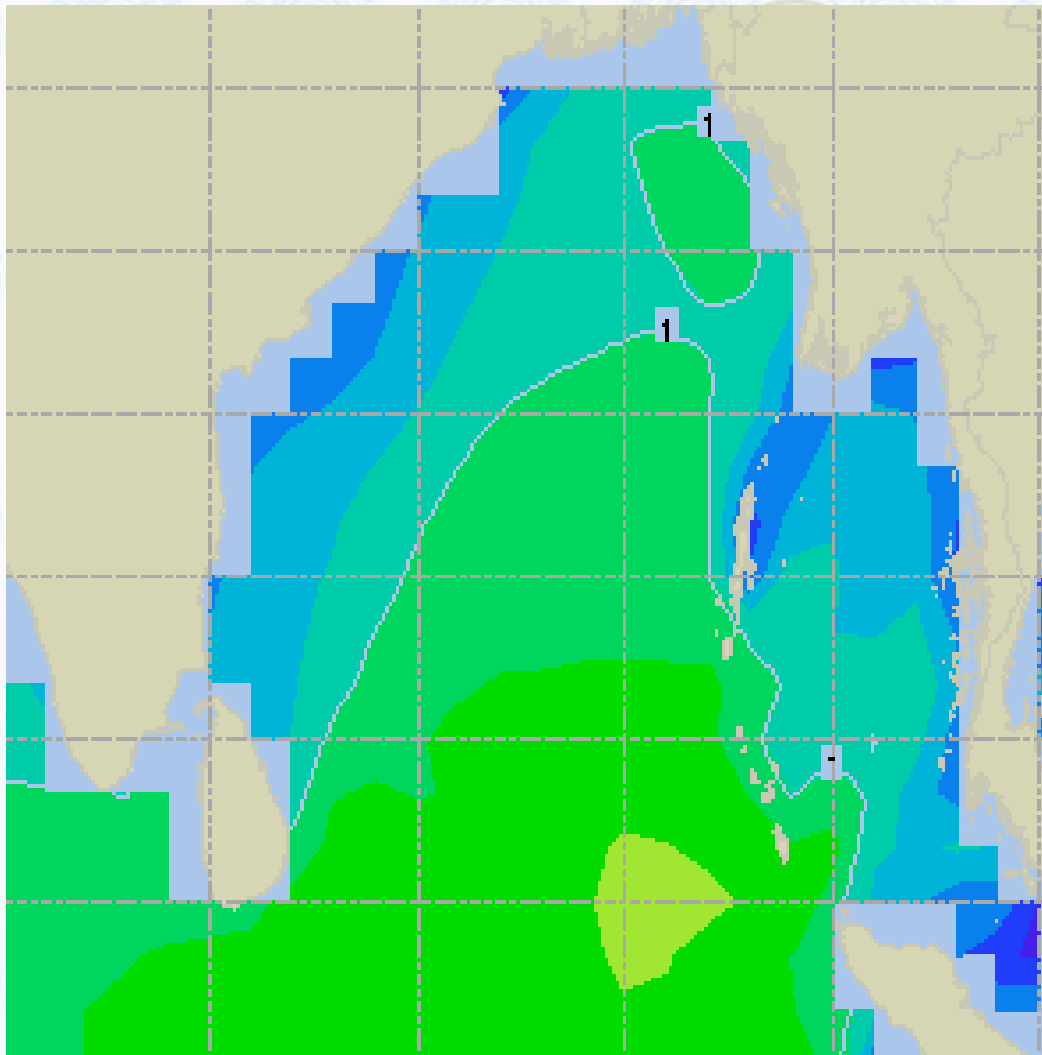
10 Knots



60 Knots



Sea State Forecast - 15 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

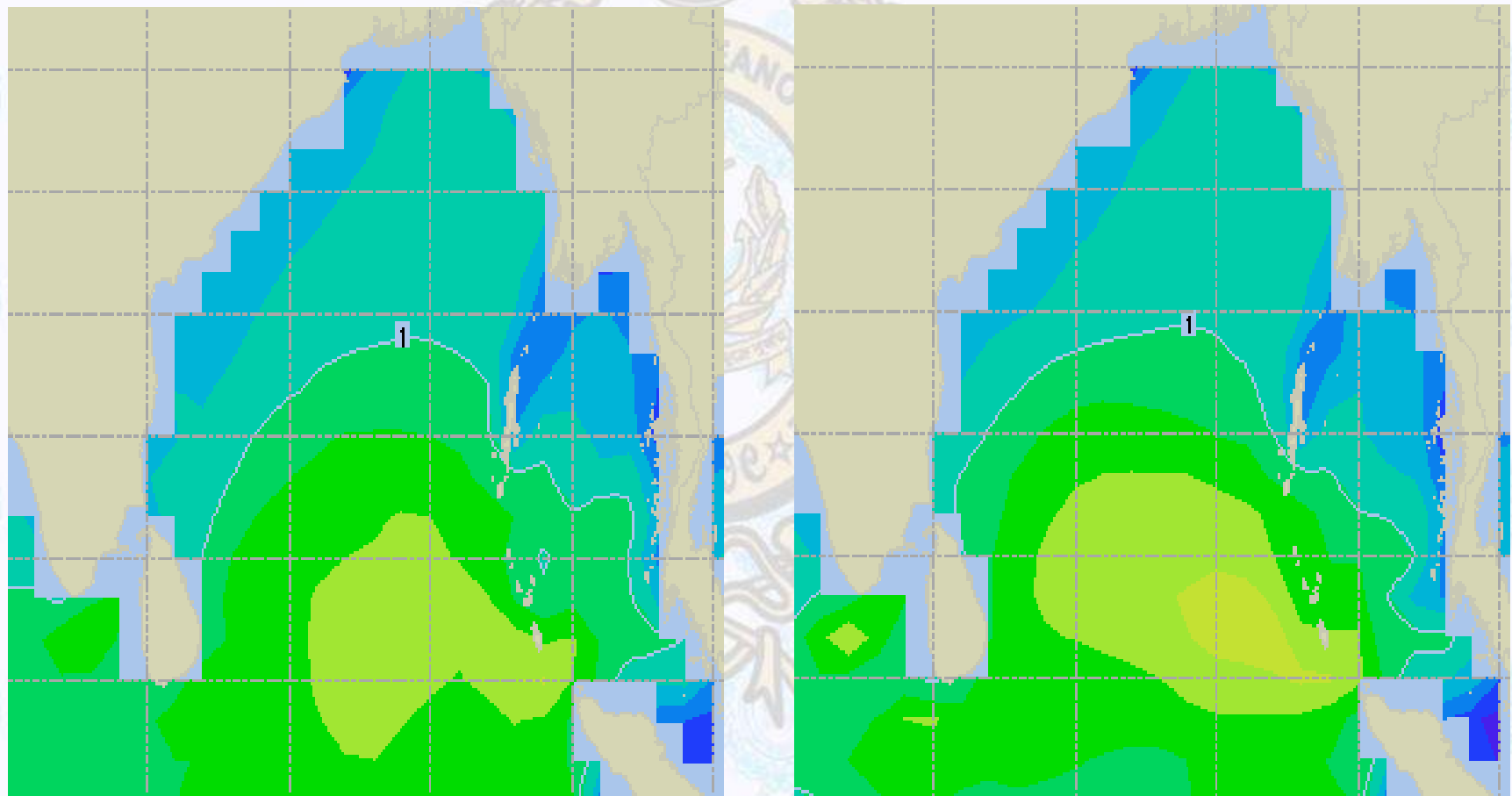




Sea State Forecast - 16 & 17 Mar - 2020

16 Mar 2020 Monday

17 Mar 2020 Tuesday

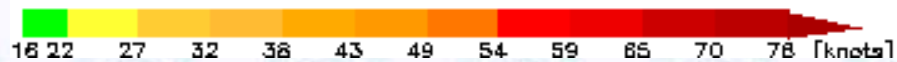
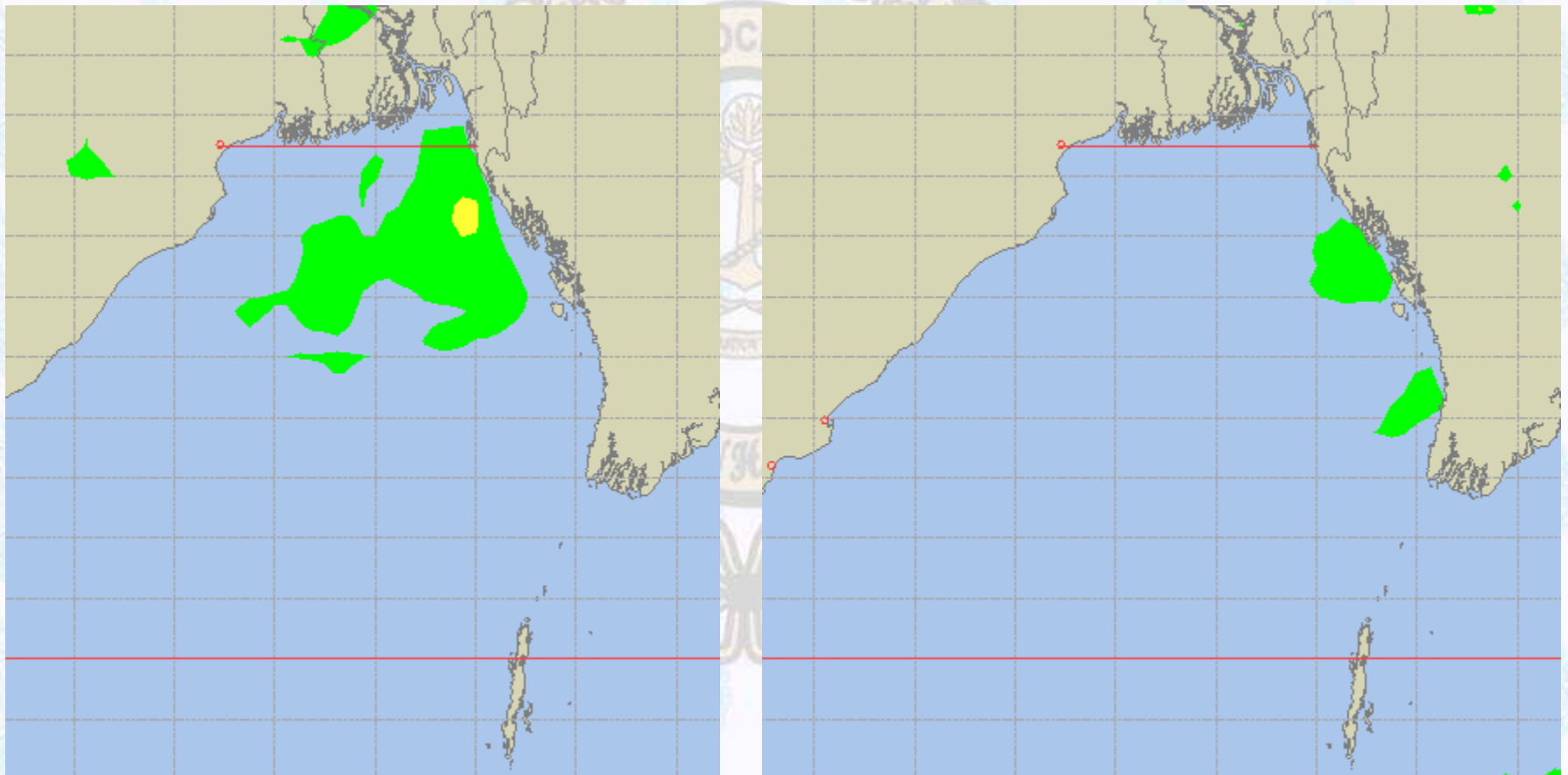




Peak Gusting Possibilities – 15 & 16 Mar - 2020

15 Mar 2020 Sunday

16 Mar 2020 Monday

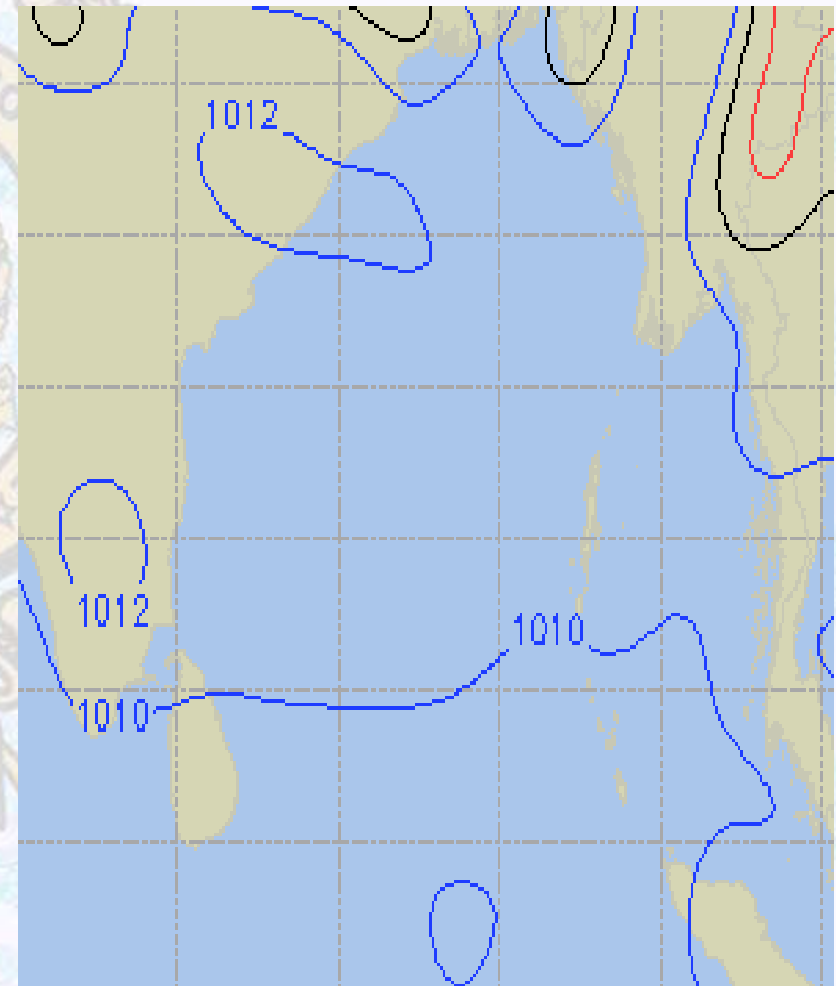
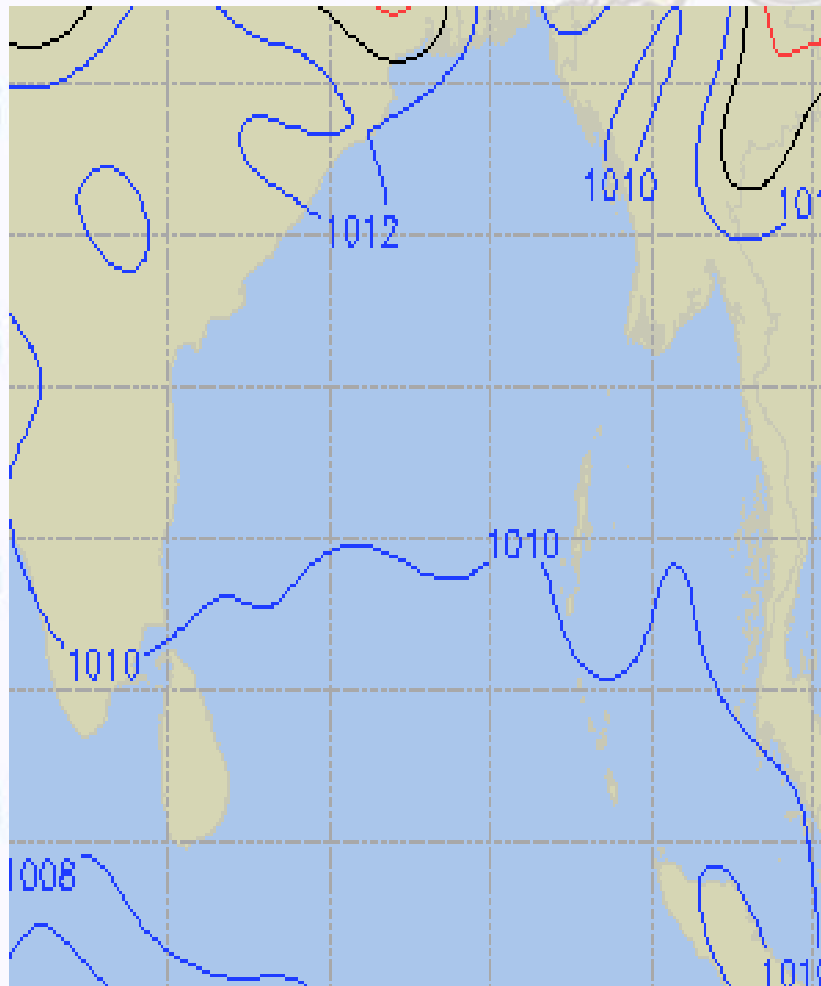




Surface Pressure forecast – 15 & 16 Mar - 2020

15 Mar 2020 Sunday

16 Mar 2020 Monday

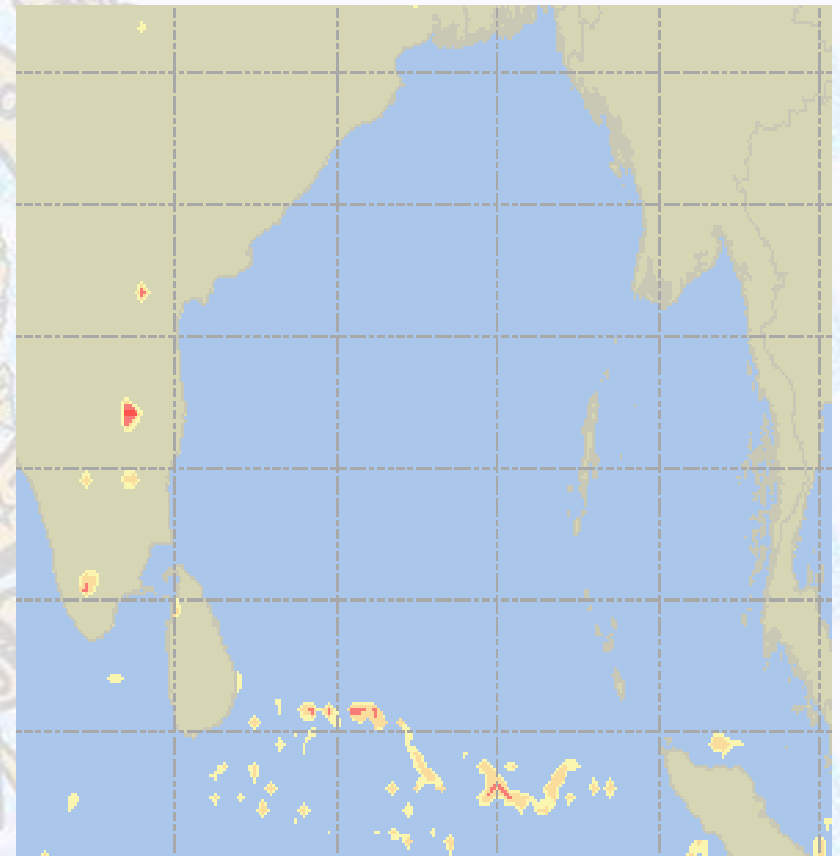
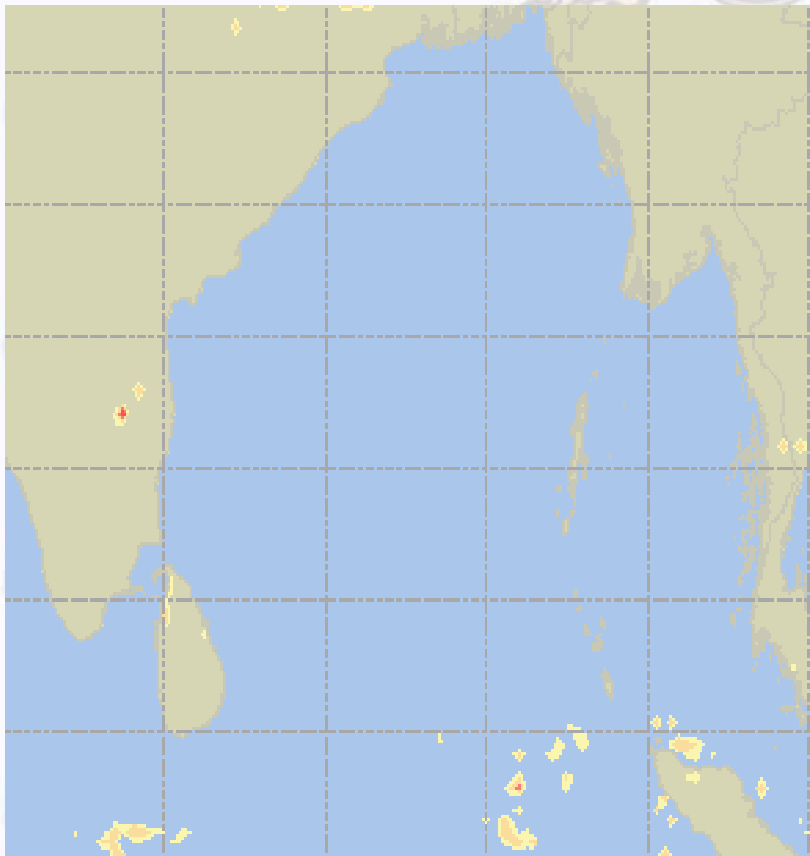




Visibility at Sea Forecast – 15 & 16 Mar - 2020

15 Mar 2020 Sunday

16 Mar 2020 Monday



Visibility Scale:

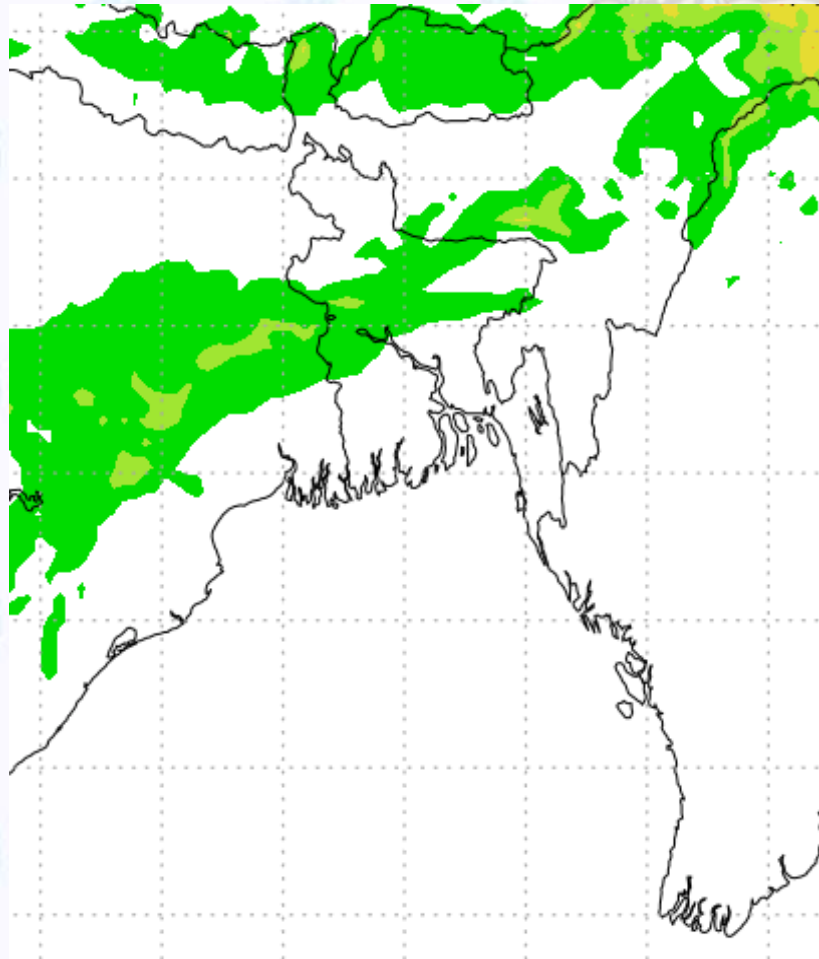


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

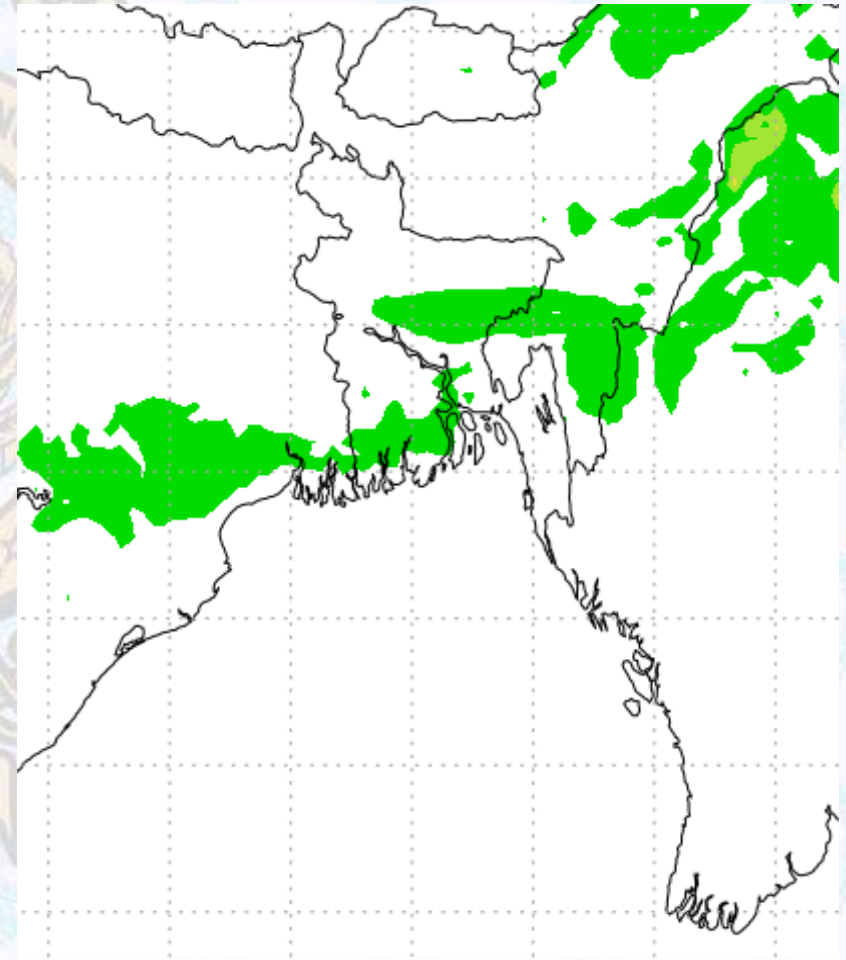


Precipitation

Rain(mm) 15 & 16 Mar 2020



Rain(mm) 16 & 17 Mar 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0446		3.81			0213	2.87
15 Mar 2020	1113	0.62		0845	0.37		0826	0.58
	1722	3.94		1441	2.81		1444	2.52
	2357	0.87		2113	0.55		2105	0.89
16 Mar 2020	Time	Height		Time	Height		Time	Height
	0553	3.41		0302	2.53		0256	2.18
	1212	0.97		0931	0.59		0915	0.85
	1835	3.65		1535	2.54		1544	2.31
	-	-		2208	0.77		2220	1.13
17 Mar 2020	Time	Height		Time	Height		Time	Height
	0119	1.09		0401	2.22		0407	1.95
	0725	3.10		1033	0.80		1033	1.08
	1336	1.26		1646	2.32		1725	2.18
	2009	3.49		2331	0.93		-	-