



WEATHER FORECAST FOR BN

18 - 21 MAR 2020





WEATHER FORECAST – DHAKA

18.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 17	31 / 16	26 / 17	23 / 17
Wind	9 km/h W	10 km/h WNW	5 km/h N	3 km/h NW
Humidity	41%	36%	57%	68%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	28%	12%	6%	20%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 05 AM 6: 09 PM			

Conditions

Pressure : 1013 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

18.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 15	32 / 15	26 / 17	22 / 18
Wind	9 km/h WNW	9 km/h WNW	3 km/h NNE	1 km/h NW
Humidity	34%	35%	60%	77%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	17%	11%	4%	23%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 02 AM 6: 06 PM			

Conditions

Pressure : 1013 hpa

Visibility : 4.51 Km

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



WEATHER FORECAST – KHULNA

18.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 19	32 / 18	27 / 19	24 / 21
Wind	9 km/h WNW	11 km/h WNW	5 km/h WNW	3 km/h SW
Humidity	48%	45%	63%	81%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	16%	16%	14%	23%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 09 AM 6: 14 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 Mar 2020	20 Mar 2020	21 Mar 2020
Temperature (C)	33°C/ 21°C	34°C/ 22°C	33°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h03m00s/18h09m12s	6h02m06s/18h09m30s	6h01m06s/18h09m48s
Day Length	12h06m12s	12h07m24s	12h08m42s
Moon Rise/ Set	2:55AM 1:54PM	3:40AM 2:47PM	4:21AM 3:41PM
Moon Phase/ illu	Waning Crescent, 19%	Waning Crescent, 12%	Waning Crescent, 6%
NauticalTwilight	0514,1858	0513,1858	0512,1859
Civil Twilight	0540,1831	0539,1832	0538,1832
Humidity	D : 45% N : 63%	D : 43% N : 61%	D : 53% N : 76%
Barometer (mb)	1011	1010	1010
Visibility	Good	Good	Good
Precip Chance	1%	10%	40%
Wind (mph)	11 Km/h WSW	11 Km/h WSW	15 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Mar 2020	20 Mar 2020	21 Mar 2020
Temperature (C)	31°C/ 20°C	31°C/ 22°C	30°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	5h57m12s/18h03m18s	5h56m24s/18h03m42s	5h55m30s/18h04m00s
Day Length	12h06m06s	12h07m18s	12h08m30s
Moon Rise/ Set	2:46AM 1:50PM	3:32AM 2:44PM	4:13AM 3:37PM
Moon Phase/ illu	Waning Crescent, 19%	Waning Crescent, 12%	Waning Crescent, 6%
NauticalTwilight	0509, 1851	0508, 1852	0507, 1852
Civil Twilight	0535, 1825	0534, 1826	0533, 1826
Humidity	D : 62% N : 81%	D : 57% N : 80%	D : 64% N : 90%
Barometer (mb)	1012	1011	1011
Visibility	Good	Good	Good
Precip Chance	1 %	1 %	1 0%
Wind (mph)	12 Km/h WNW	11 Km/h NW	11 Km/h W

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



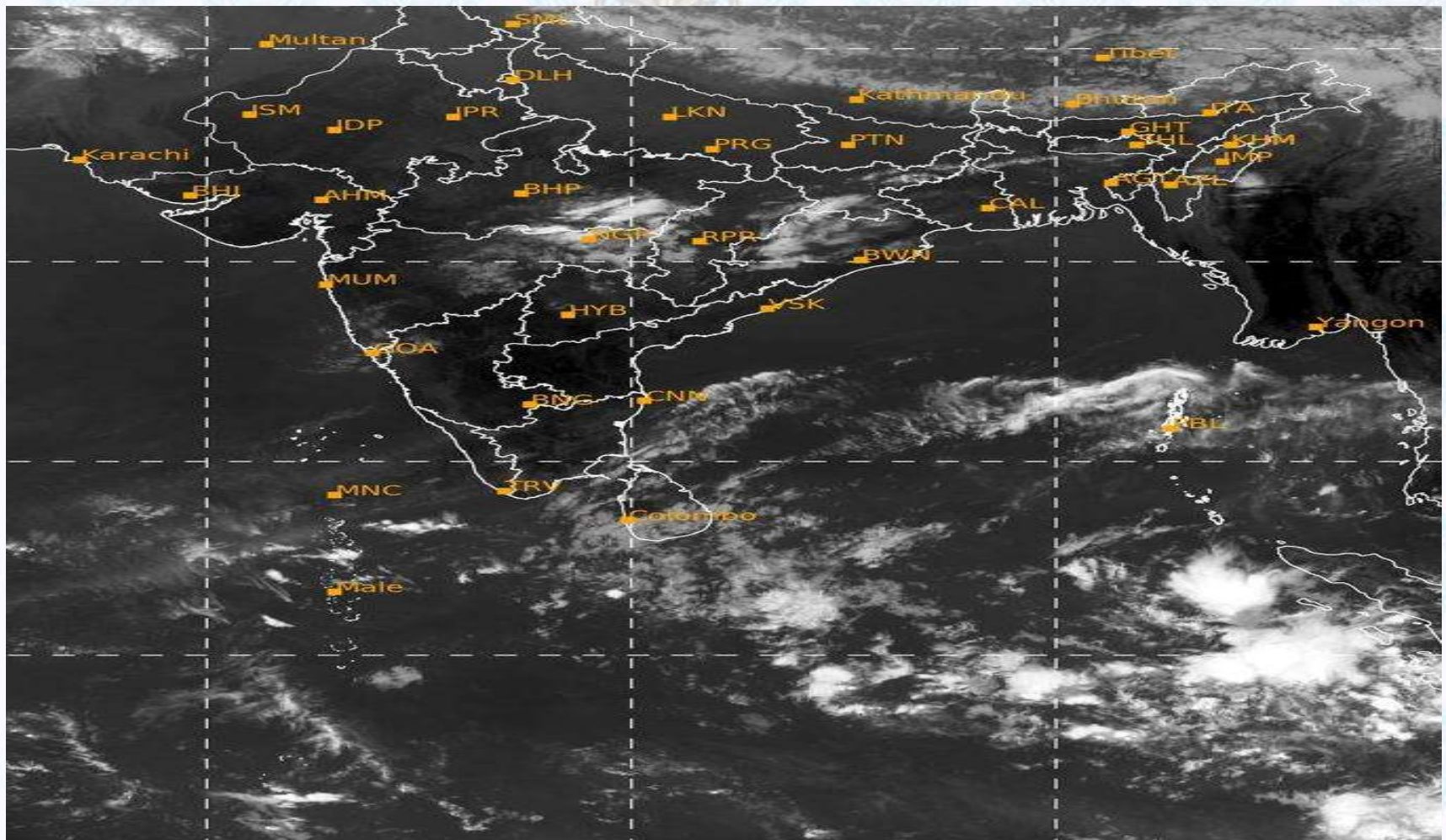
GENERAL WEATHER FORECAST – KHULNA

Description	19 Mar 2020	20 Mar 2020	21 Mar 2020
Temperature(C)	34°C/ 21°C	34°C/ 21°C	33°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h06m24s/18h12m30s	6h05m30s/18h12m54s	6h04m36s/18h13m06s
Day Length	12h06m06s	12h07m24s	12h08m30s
Moon Rise/Set	2:56AM 2:00PM	3:42AM 2:54PM	4:23AM 3:47PM
Moon Phase/illu	Waning Crescent, 19%	Waning Crescent, 12%	Waning Crescent, 6%
Nautical Twilight	0518, 1901	0517, 1901	0516, 1901
Civil Twilight	0544, 1835	0543, 1835	0542, 1835
Humidity	D : 44% N : 61%	D : 45% N : 66%	D : 55% N : 78%
Barometer (mb)	1011	1011	1010
Visibility	Good	Good	Good
Precip Chance	1%	20%	40%
Wind (mph)	11 km/h W	10 km/h W	13 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

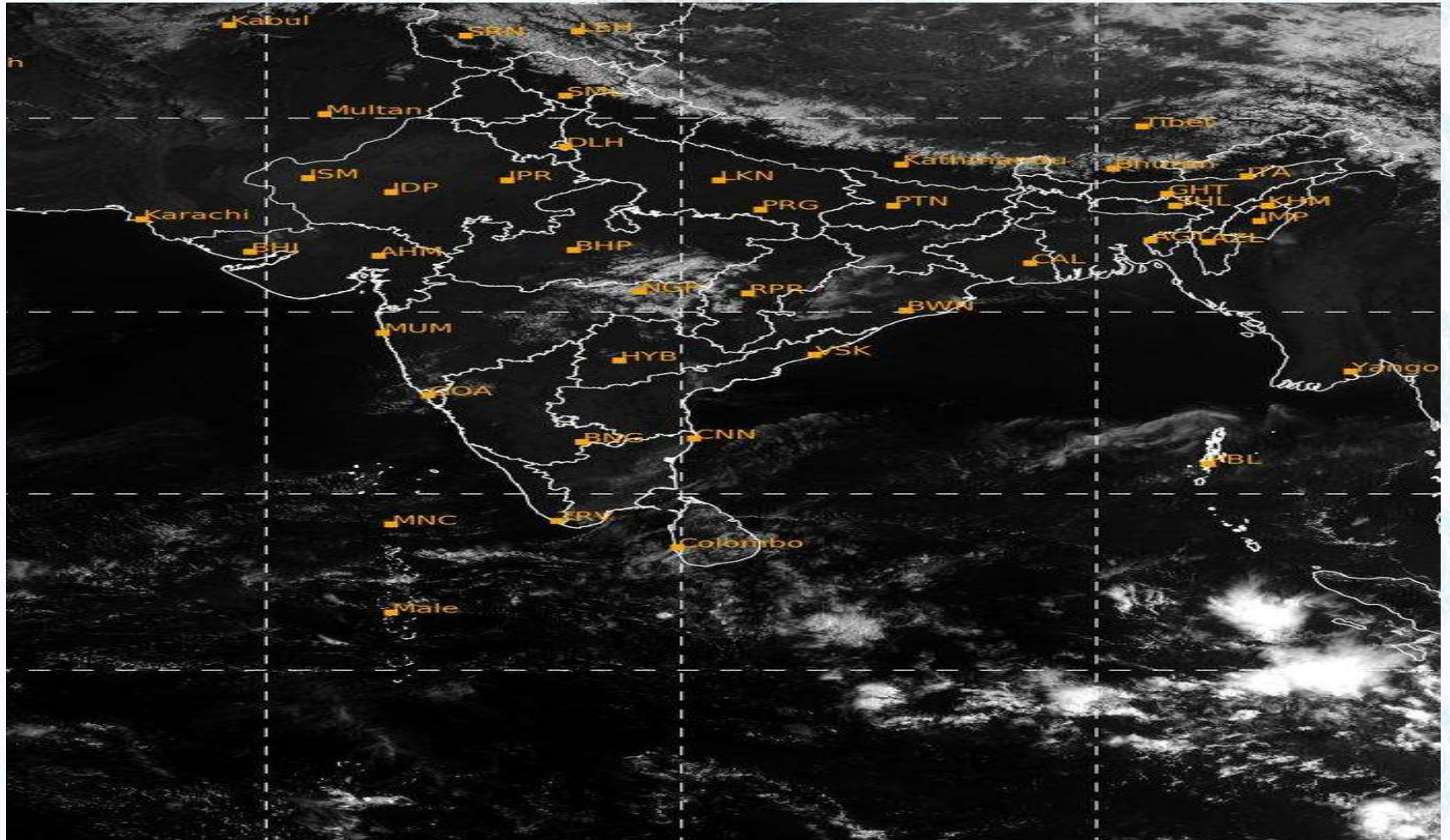


18/03/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/03/2020, 11:00 MATSAT-VIS

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



Fleet Forecast Sea Area C-90 (Valid for 12 Hrs Commencing 1000 UTC of 18.03.2020)

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, 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 =18,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 18.03.2020)

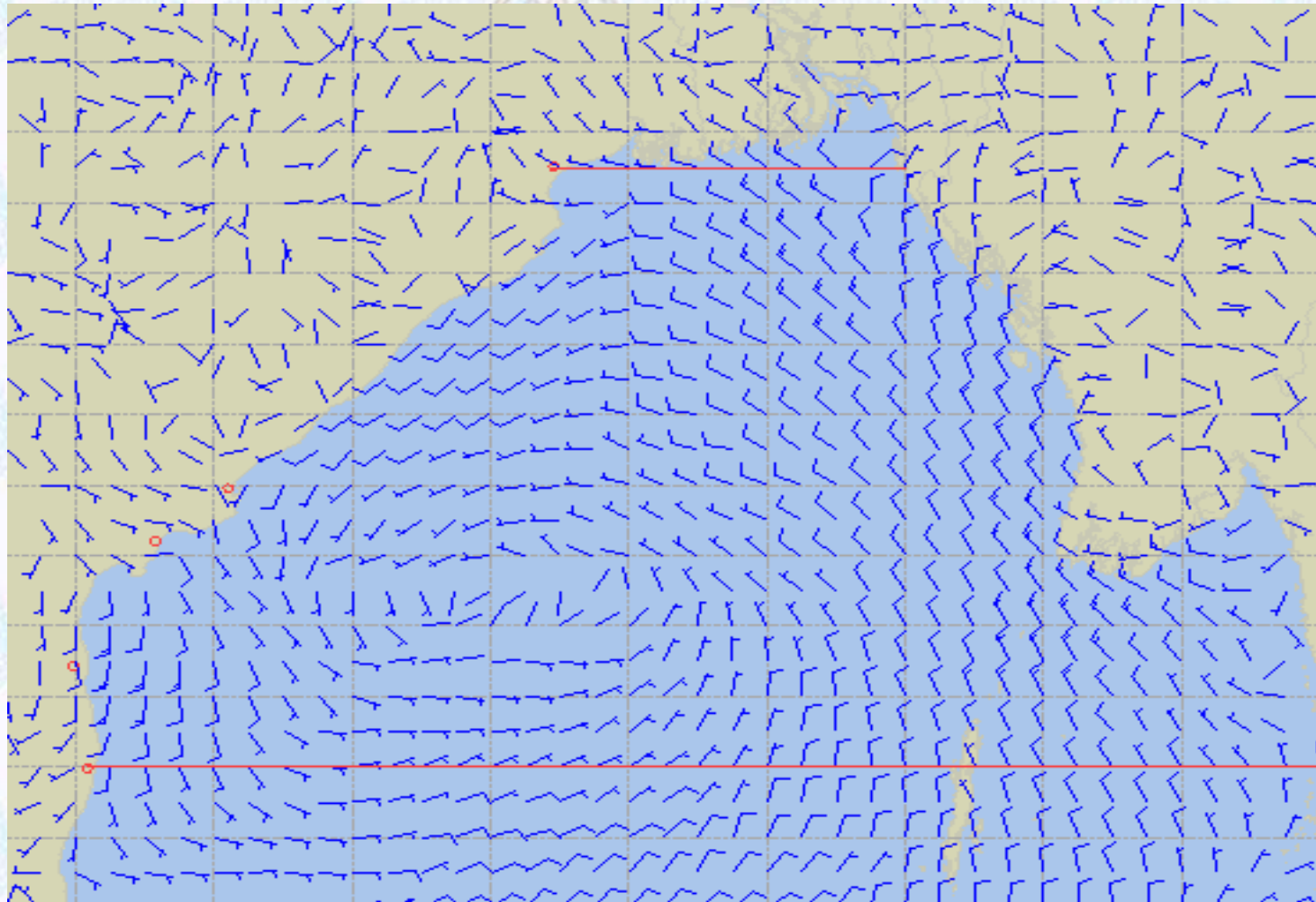
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 19 Mar - 2020



Legend:



Calm
Winds



5 Knots



10 Knots



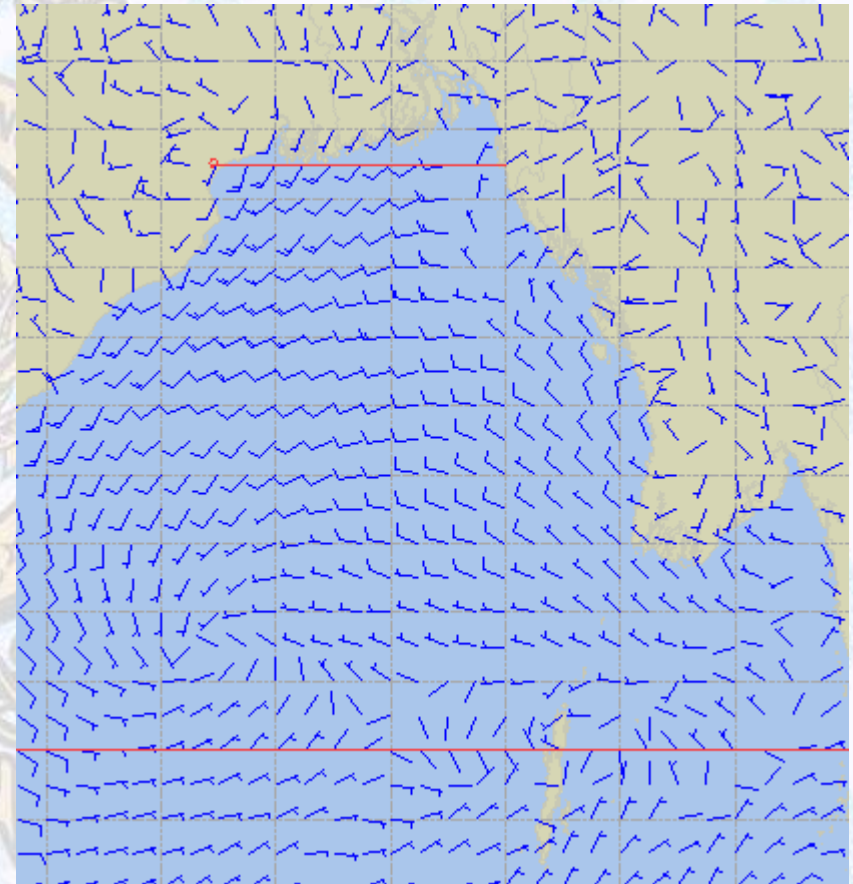
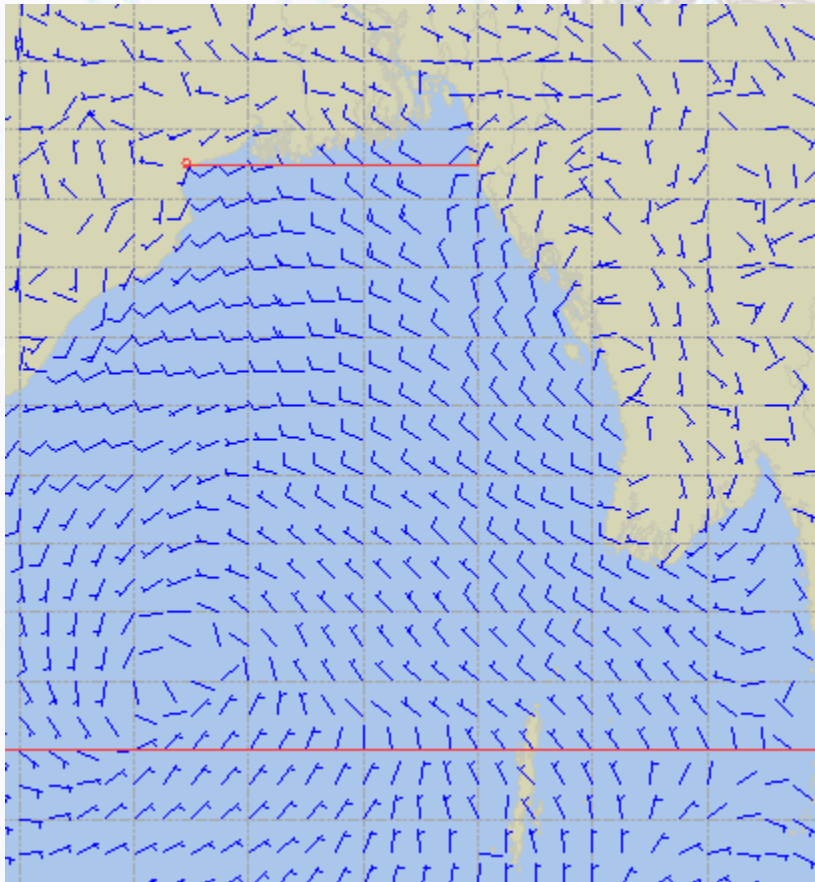
60 Knots



Surface Wind Forecast – 20 & 21 Mar - 2020

20 Mar 2020 Friday

21 Mar 2020 Saturday



Legend:



**Calm
Winds**



5 Knots



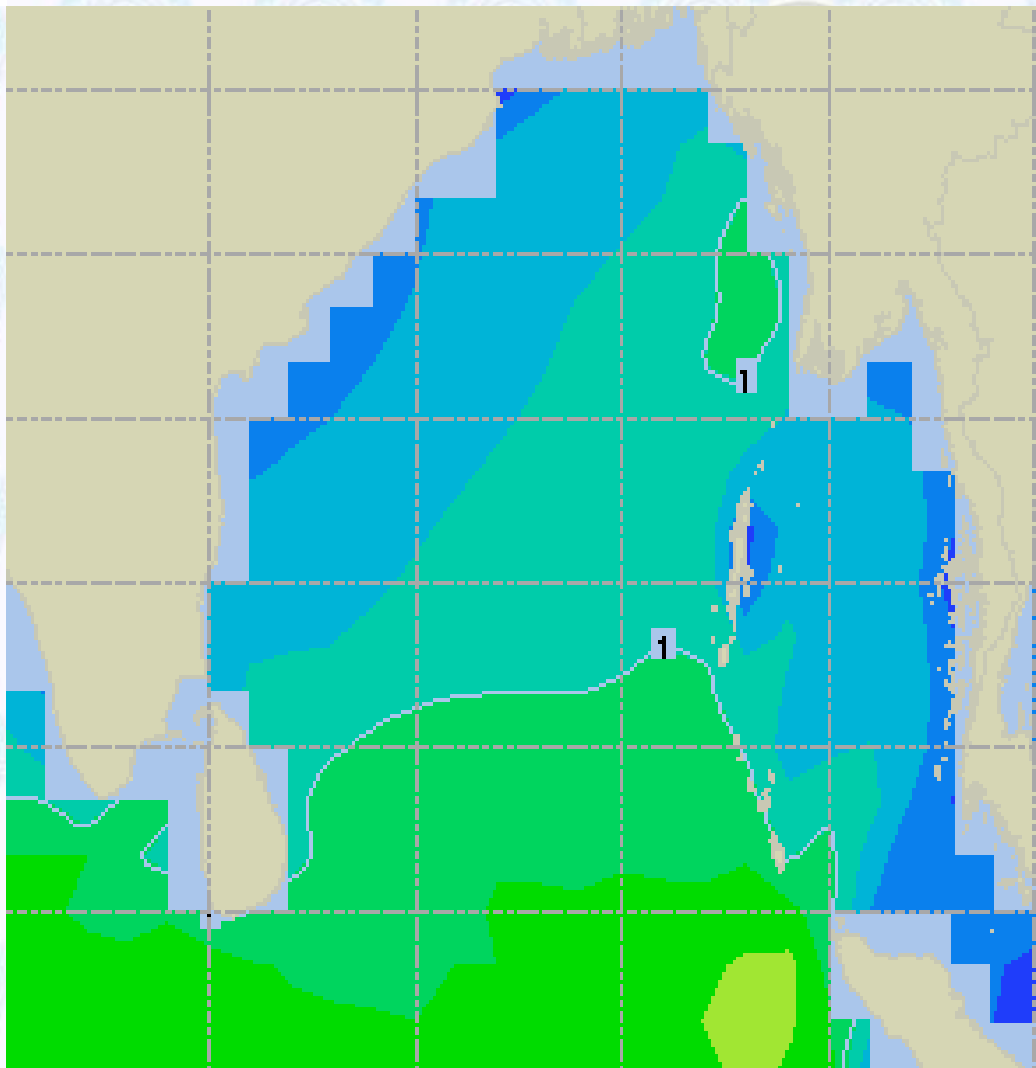
10 Knots



60 Knots



Sea State Forecast - 19 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

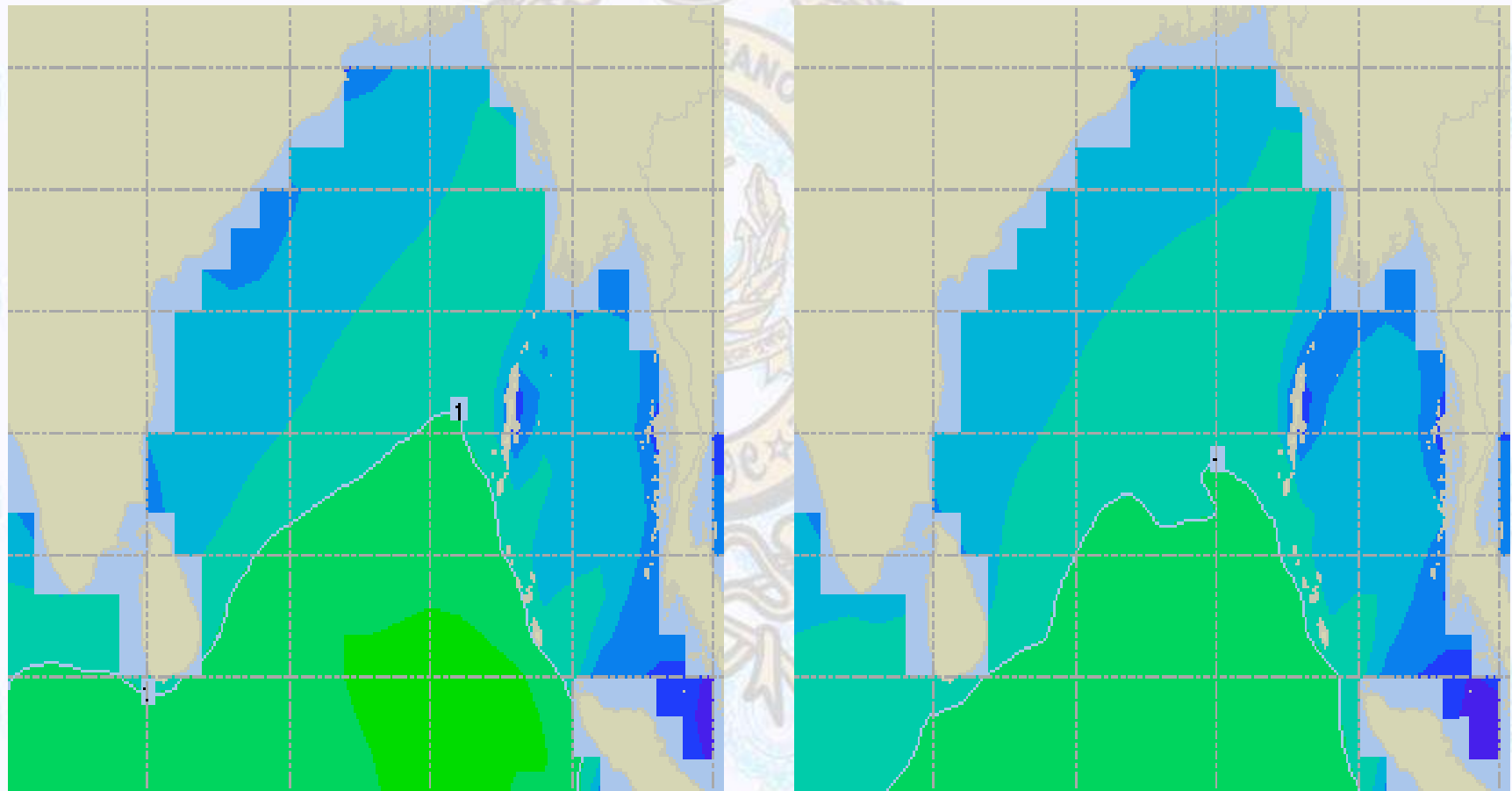




Sea State Forecast - 20 & 21 Mar - 2020

20 Mar 2020 Friday

21 Mar 2020 Saturday

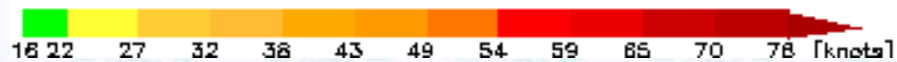
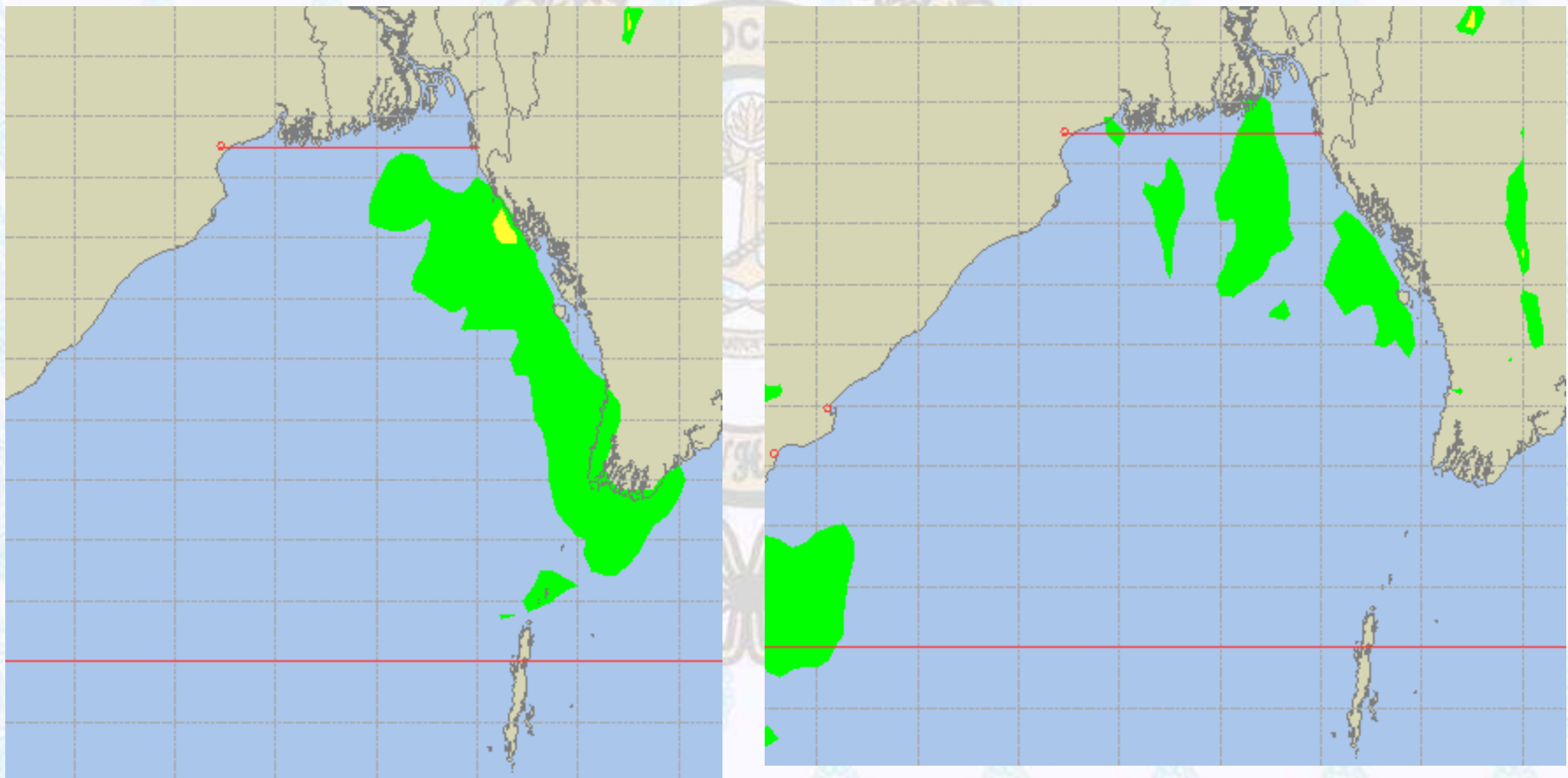




Peak Gusting Possibilities – 19 & 20 Mar - 2020

19 Mar 2020 Thursday

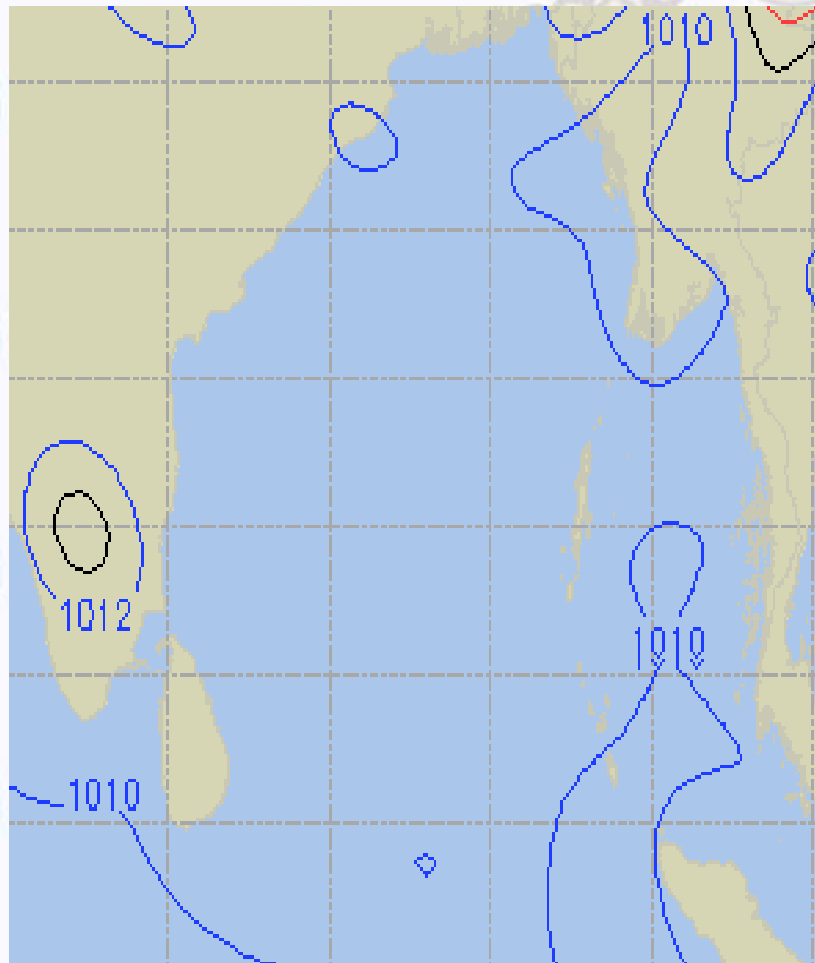
20 Mar 2020 Friday



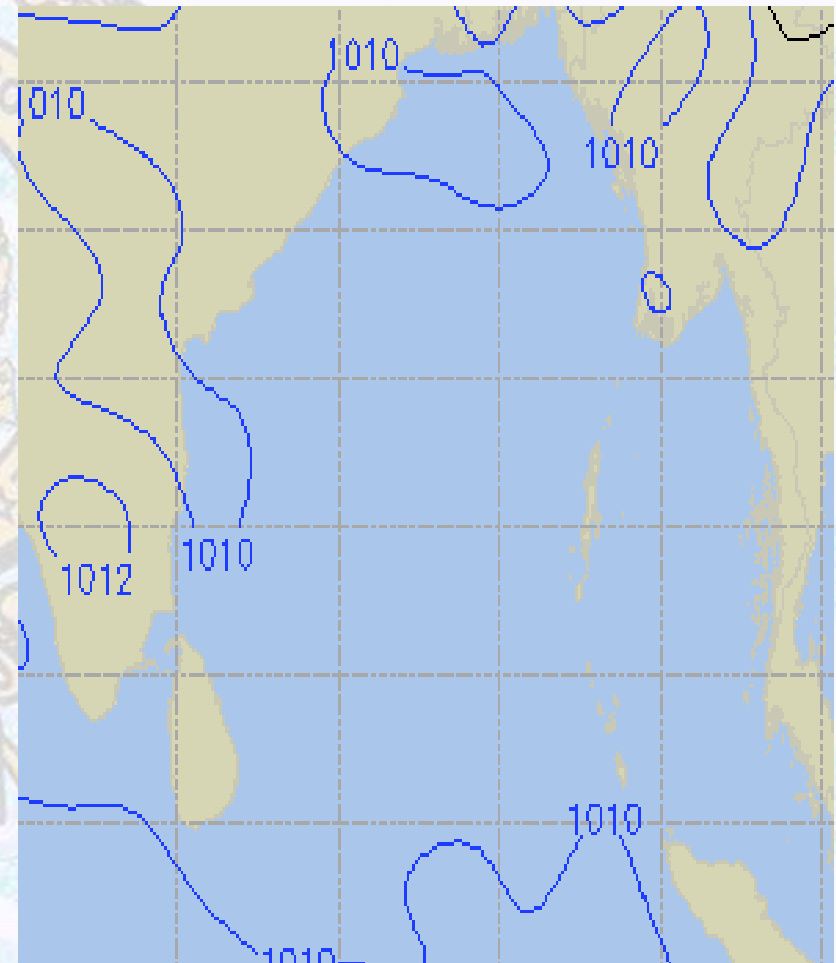


Surface Pressure forecast – 19 & 20 Mar - 2020

19 Mar 2020 Thursday



20 Mar 2020 Friday

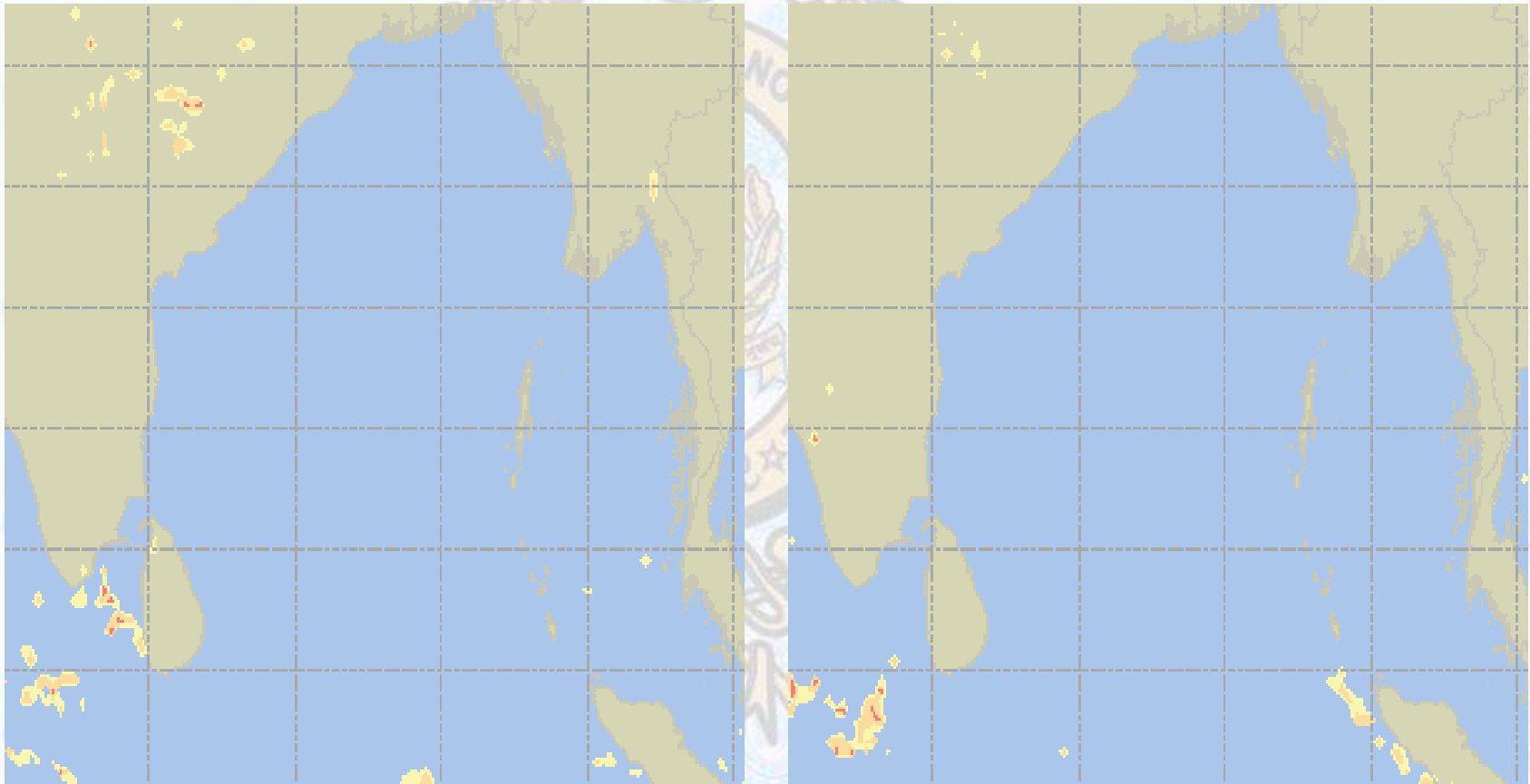




Visibility at Sea Forecast – 19 & 20 Mar - 2020

19 Mar 2020 Thursday

20 Mar 2020 Friday



Visibility Scale:



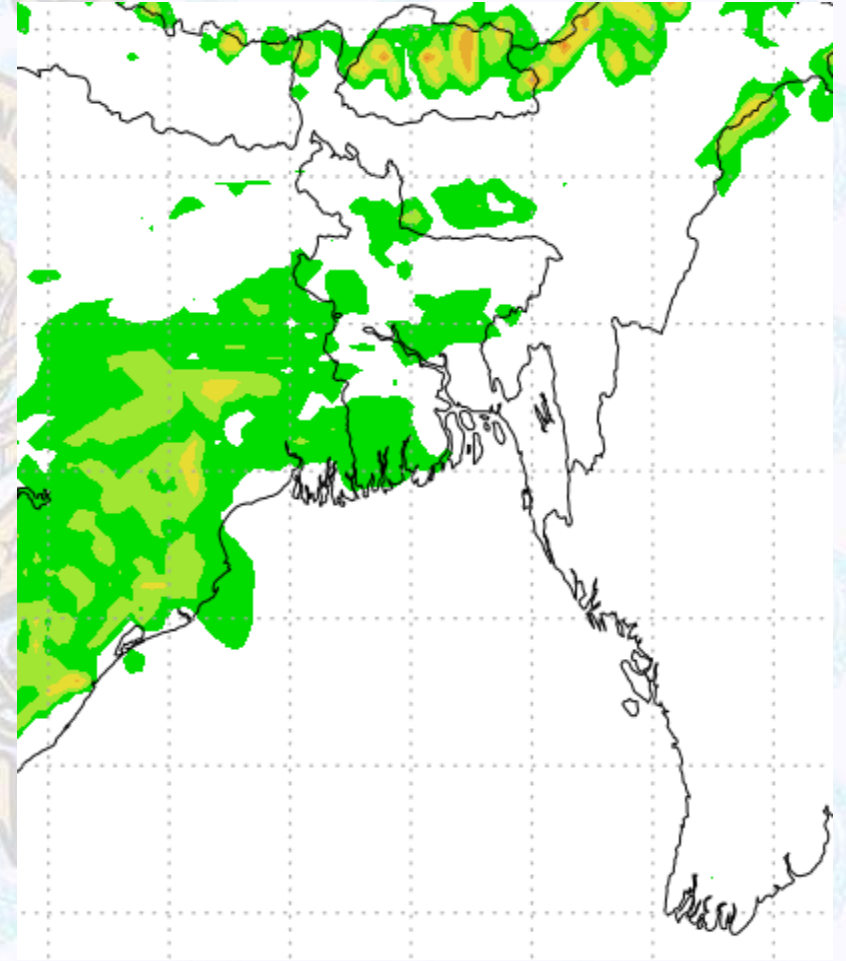
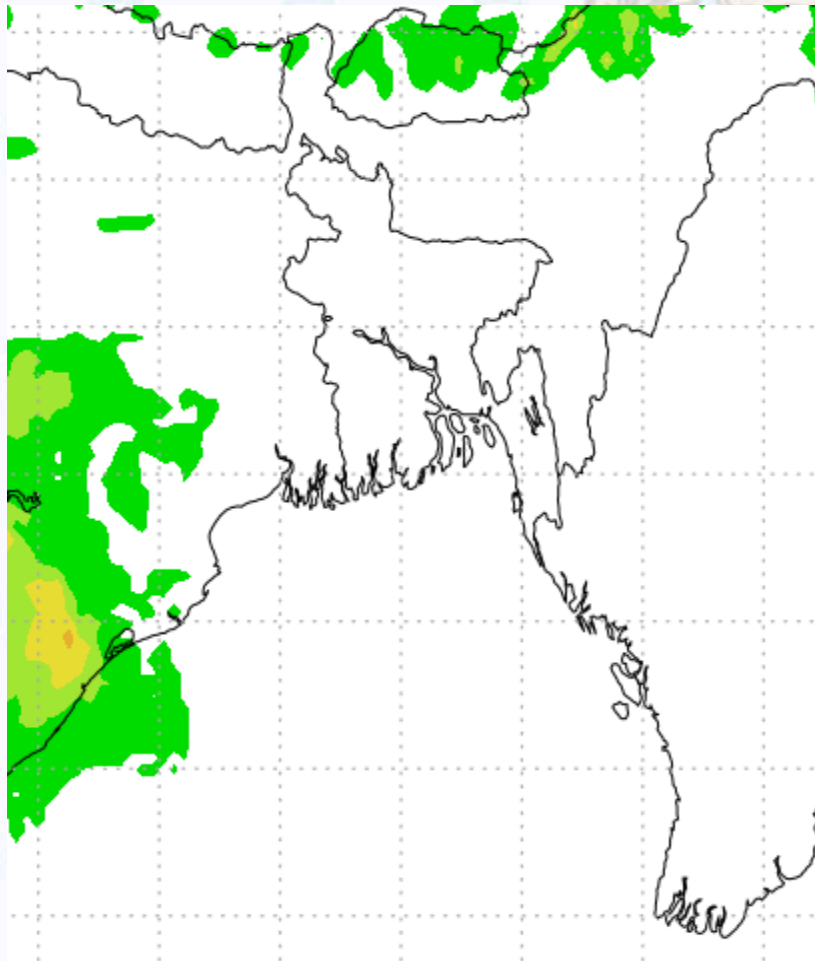
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 19 & 20 Mar 2020

Rain(mm) 20 & 21 Mar 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0419		0.94			0118	0.93
19 Mar 2020	1034	3.26		0716	2.04		0802	2.01
	1634	1.15		1340	0.89		1355	1.04
	2245	3.69		1947	2.39		2022	2.38
	Time	Height		Time	Height		Time	Height
		0520		0.75			0233	0.80
20 Mar 2020	1128	3.53		0827	2.25		0857	2.22
	1732	0.95		1450	0.76		1454	0.87
	2334	3.87		2045	2.61		2110	2.53
	Time	Height		Time	Height		Time	Height
		0606		0.59			0326	0.64
21 Mar 2020	1208	3.77		0914	2.51		0936	2.41
	1816	0.77		1543	0.61		1538	0.72
	-	-		2129	2.83		2147	2.65