



WEATHER FORECAST FOR BN

17 - 20 MAR 2020



WEATHER FORECAST – DHAKA

17.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 15	32 / 15	26 / 16	24 / 17
Wind	12 km/h WNW	12 km/h NNW	5 km/h N	3 km/h NW
Humidity	37%	36%	55%	65%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	15%	11%	5%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 06 AM 6: 09 PM			

Conditions

Pressure : 1016 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

17.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 14	32 / 14	26 / 17	22 / 16
Wind	10 km/h NW	10 km/h NW	4 km/h NNE	2 km/h NW
Humidity	32%	34%	57%	69%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	13%	10%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 03 AM 6: 06 PM			

Conditions

Pressure : 1015 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

17.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 19	31 / 19	27 / 20	25 / 21
Wind	9 km/h WNW	10 km/h WNW	4 km/h WSW	3 km/h SW
Humidity	49%	50%	66%	79%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	20%	35%	4%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 10 AM 6: 13 PM			

Conditions

Pressure : 1016 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	18 Mar 2020	19 Mar 2020	20 Mar 2020
Temperature (C)	32 °C / 20 °C	34 °C / 21 °C	34 °C / 21 °C
Summary	Sunny	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sun Rise/Set	6h04m00s/18h08m48s	6h03m00s/18h09m12s	6h02m06s/18h09m30s
Day Length	12h04m48s	12h06m12s	12h07m24s
Moon Rise/ Set	2:04AM 12:59PM	2:55AM 1:54PM	3:40AM 2:47PM
Moon Phase/ illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 12%
NauticalTwilight	0515,1857	0514,1858	0513,1858
Civil Twilight	0541,1831	0540,1831	0540,1830
Humidity	D : 45% N : 64%	D : 44% N : 61%	D : 45% N : 61%
Barometer (mb)	1013	1010	1010
Visibility	Good	Good	Good
Precip Chance	1%	1%	1%
Wind (mph)	14 Km/h W	12 Km/h WSW	13 Km/h W

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Mar 2020	19 Mar 2020	20 Mar 2020
Temperature (C)	32°C/ 20°C	31°C/ 20°C	32°C/ 21°C
Summary	Sunny	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sun Rise/Set	5h58m06s/18h03m06s	5h57m12s/18h03m18s	5h56m24s/18h03m42s
Day Length	12h05m00s	12h06m06s	12h07m18s
Moon Rise/ Set	2:00AM 12:56PM	2:51AM 1:51PM	3:36AM 2:44PM
Moon Phase/ illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 12%
NauticalTwilight	0510, 1851	0509, 1851	0509, 1850
Civil Twilight	0536, 1825	0535, 1825	0535, 1824
Humidity	D : 55% N : 87%	D : 58% N : 79%	D : 55% N : 81%
Barometer (mb)	1013	1011	1011
Visibility	Good	Good	Good
Precip Chance	1 %	1 0%	1 0%
Wind (mph)	11 Km/h WNW	12 Km/h WNW	11 Km/h NW

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



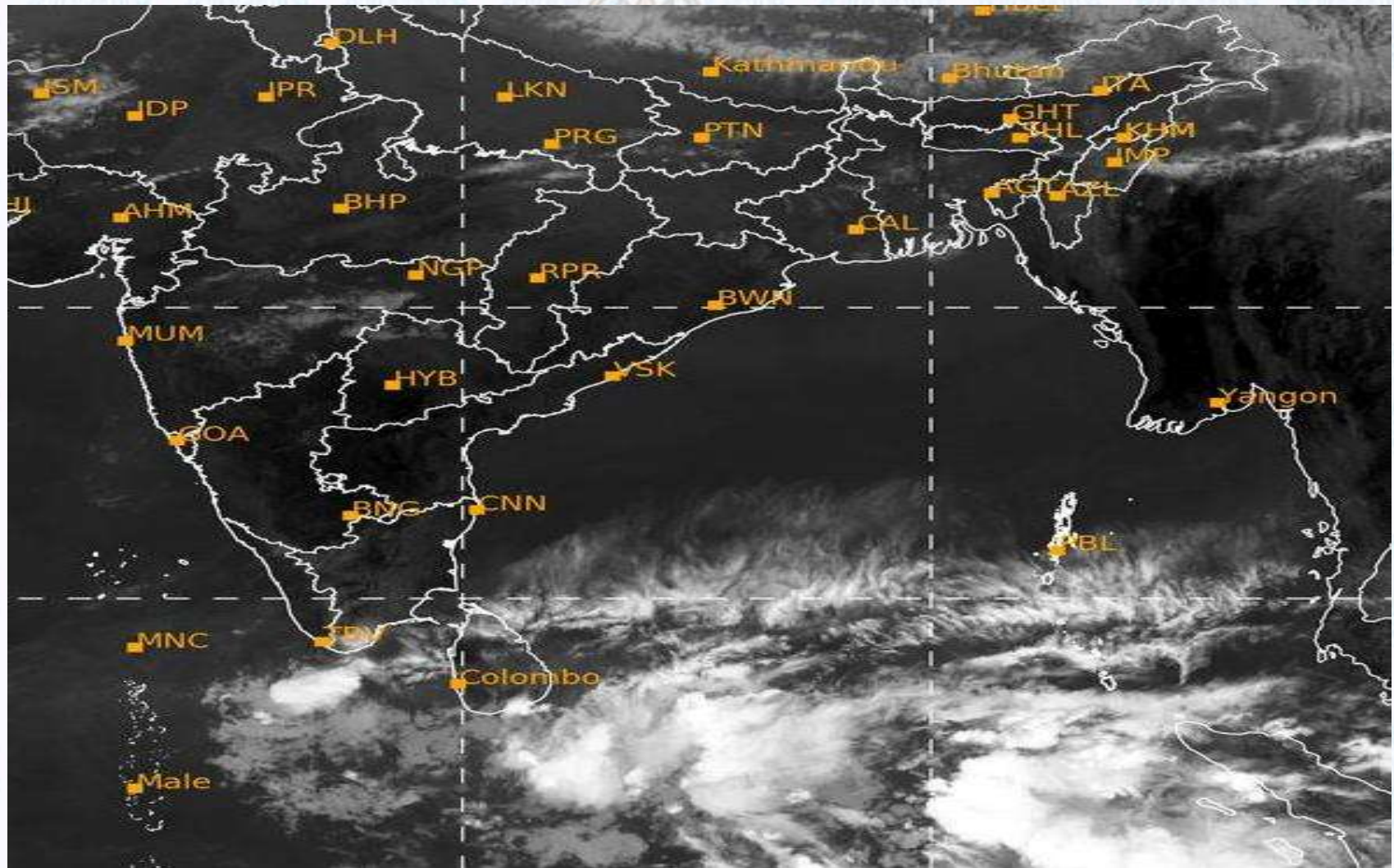
GENERAL WEATHER FORECAST – KHULNA

Description	18 Mar 2020	19 Mar 2020	20 Mar 2020
Temperature(C)	33°C/ 20°C	33°C/ 21°C	33°C/ 21°C
Summary	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sun Rise/Set	6h07m18s/18h12m12s	6h06m24s/18h12m30s	6h05m30s/18h12m54s
Day Length	12h04m54s	12h06m06s	12h07m24s
Moon Rise/Set	2:06AM 1:06PM	2:56AM 2:00PM	3:42AM 2:54PM
Moon Phase/illu	Waning Crescent, 28%	Waning Crescent, 19%	Waning Crescent, 12%
Nautical Twilight	0519, 1900	0518, 1901	0517, 1901
Civil Twilight	0545, 1834	0544, 1835	0544, 1836
Humidity	D : 46% N : 64%	D : 44% N : 62%	D : 47% N : 64%
Barometer (mb)	1013	1011	1011
Visibility	Good	Good	Good
Precip Chance	1%	1%	10%
Wind (mph)	15 km/h WNW	11 km/h W	10 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

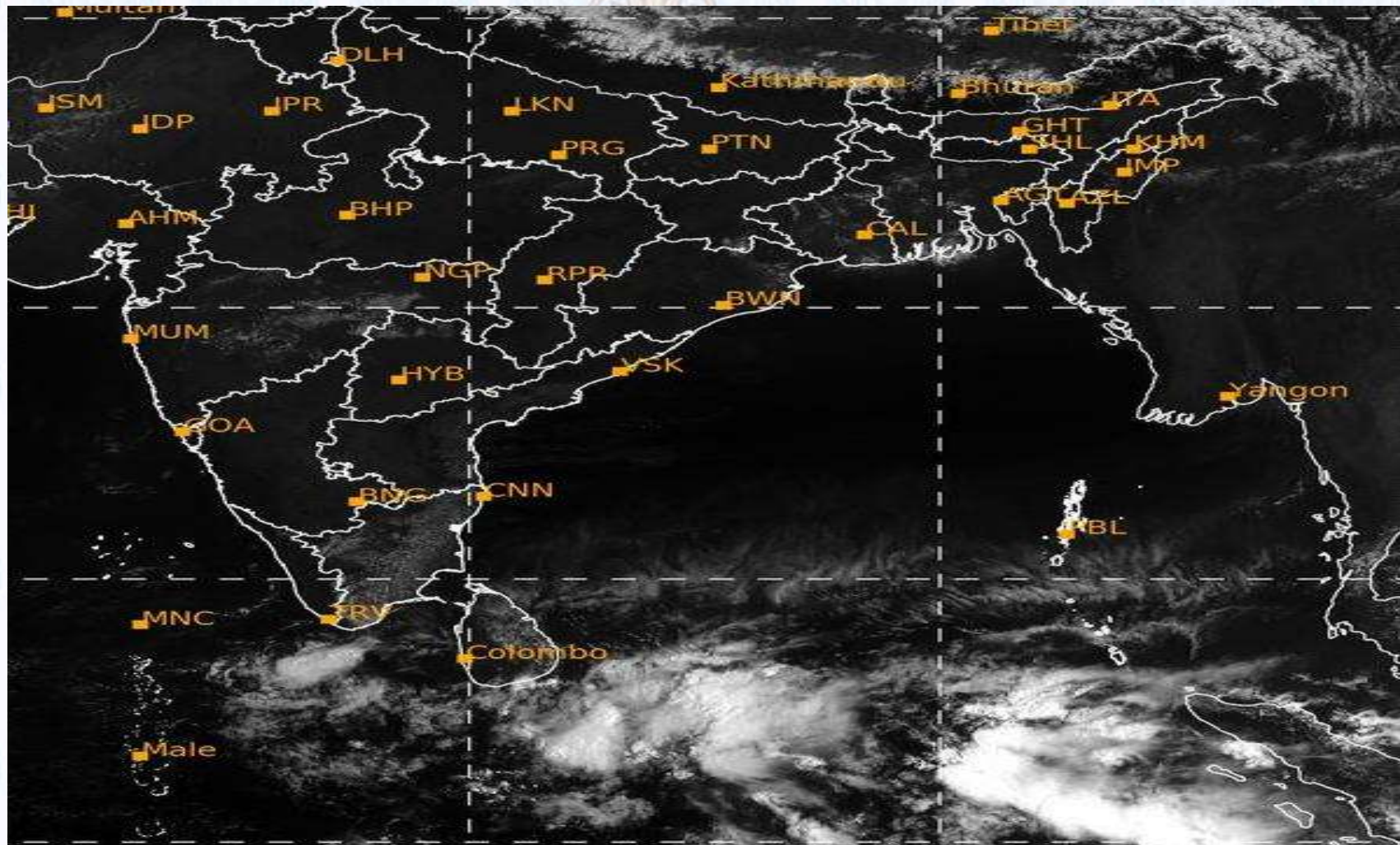


17/03/2020, 10:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/03/2020, 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 17.03.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/ 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 =17,0000 UTC. CHATTOGRAM =1014 HPA



Inland River Port Warning (VALID TILL 06 PM OF 17.03.2020)

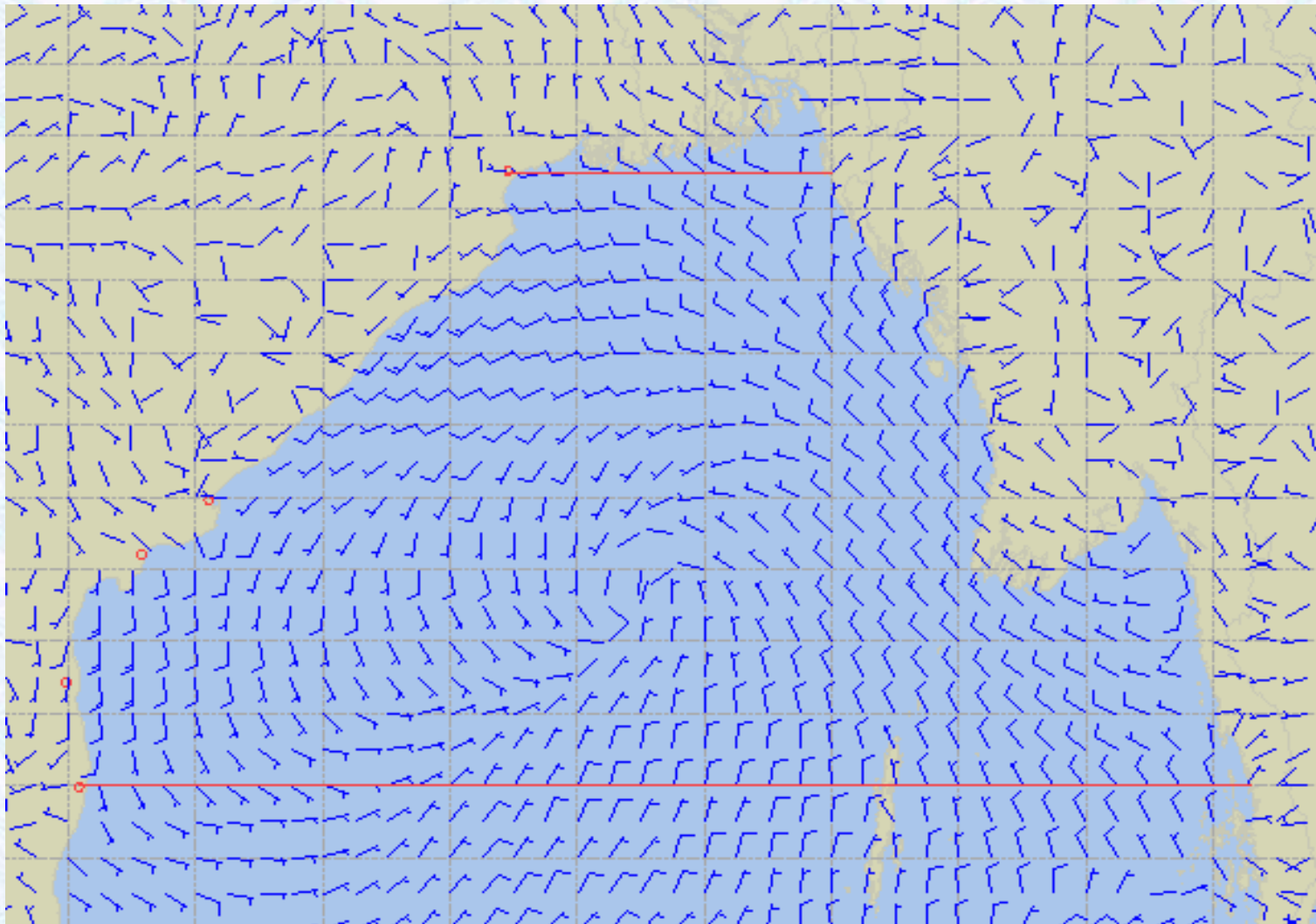
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 18 Mar - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



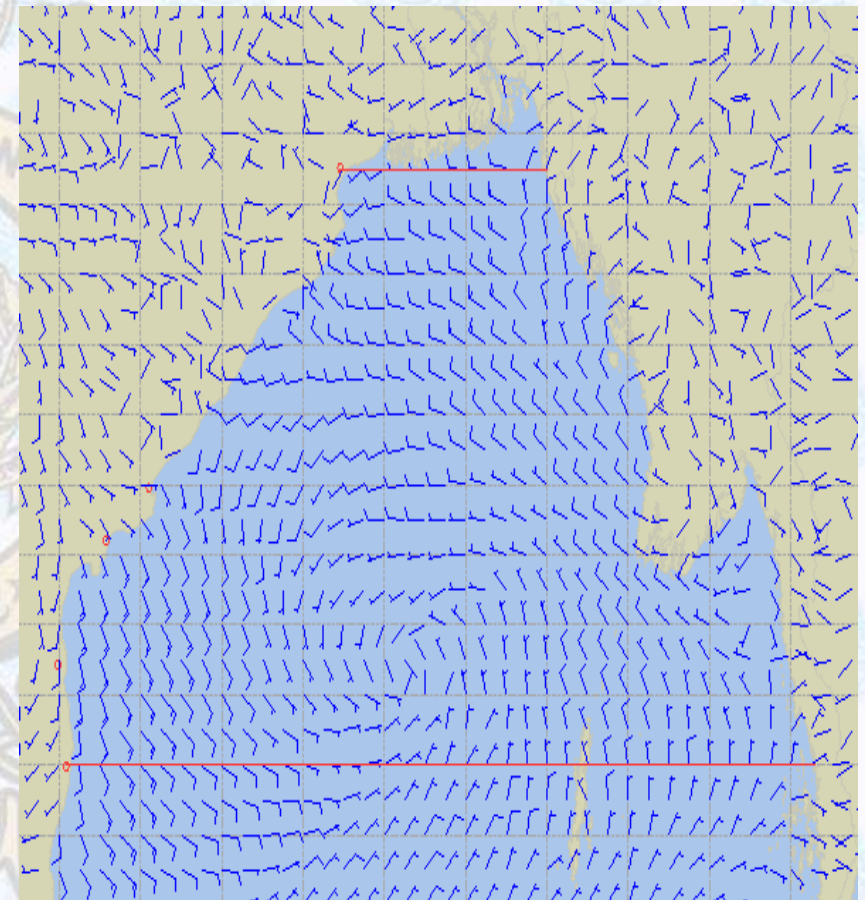
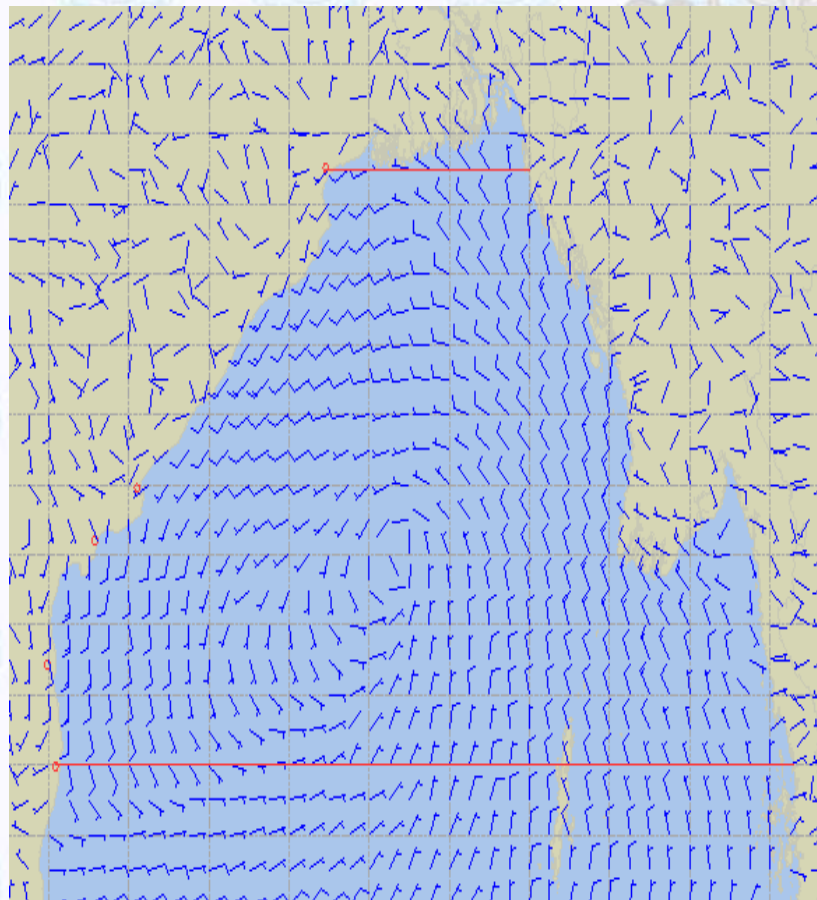
60 Knots



Surface Wind Forecast – 19 & 20 Mar - 2020

19 Mar 2020 Thursday

20 Mar 2020 Friday



Legend:



Calm
Winds



5 Knots



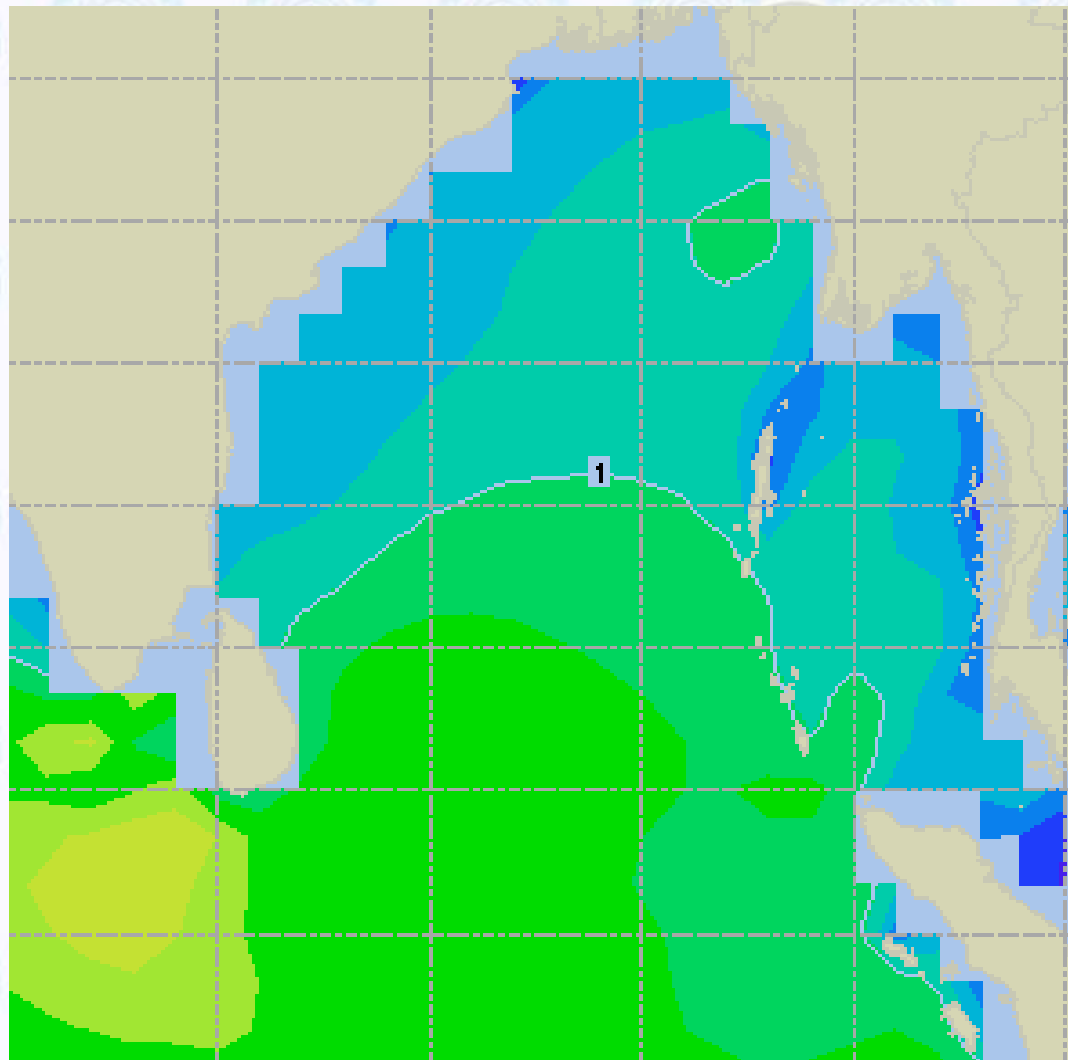
10 Knots



60 Knots



Sea State Forecast - 18 Mar - 2020



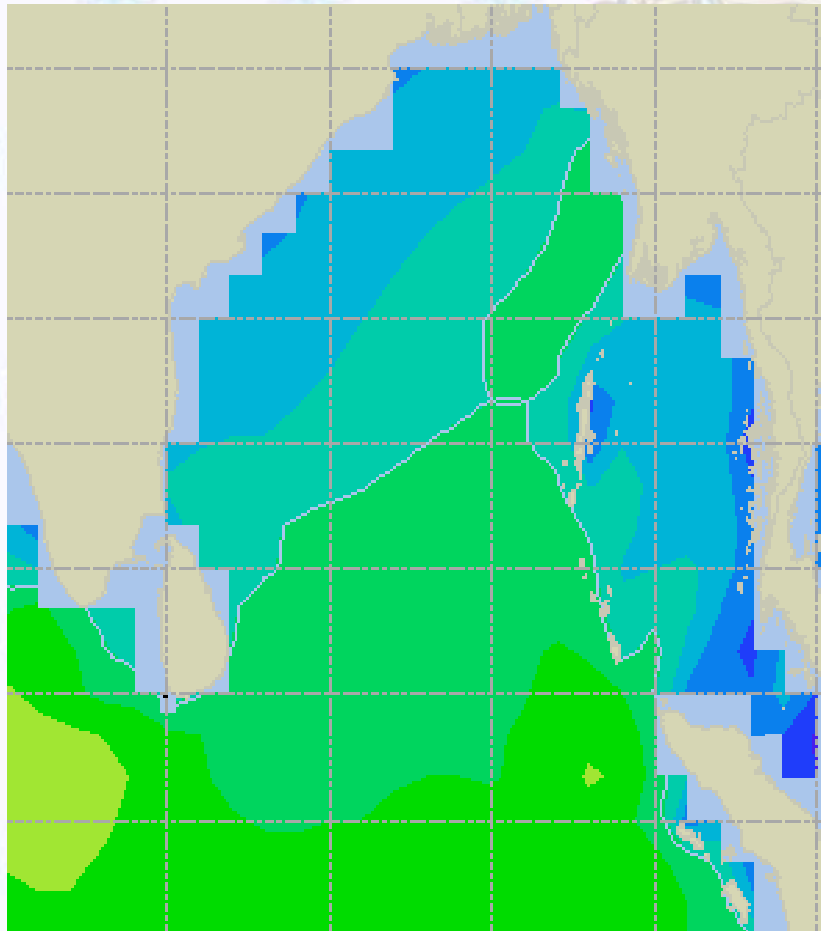
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



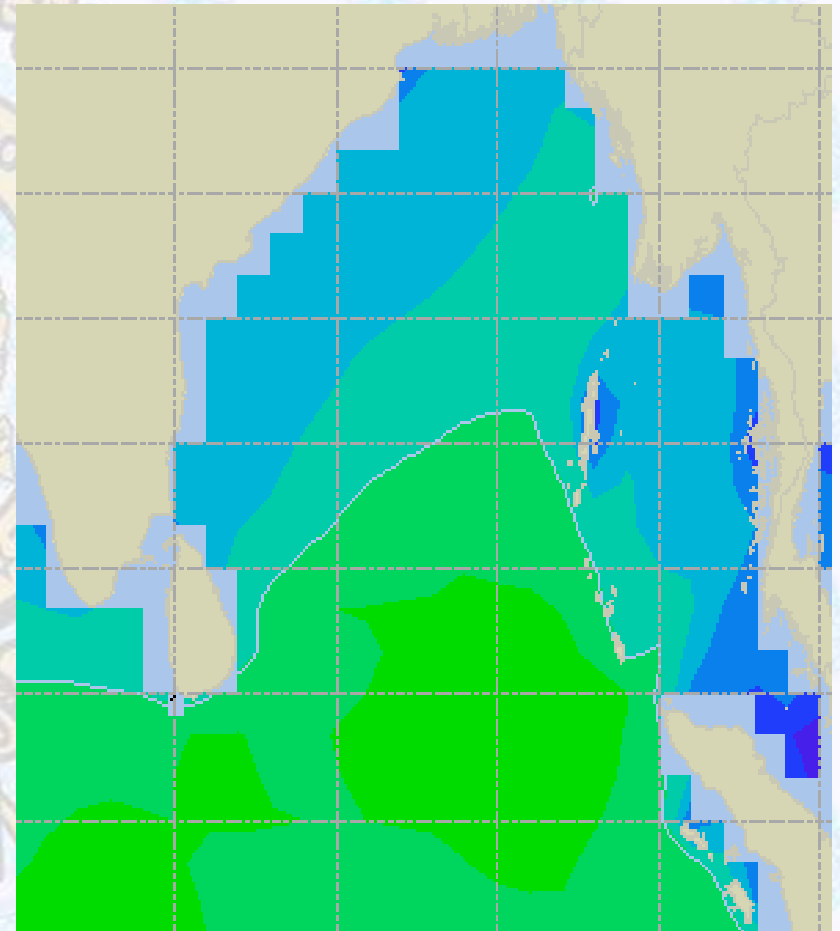


Sea State Forecast - 19 & 20 Mar - 2020

19 Mar 2020 Thursday



20 Mar 2020 Friday

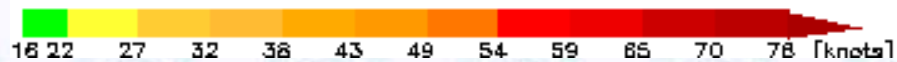
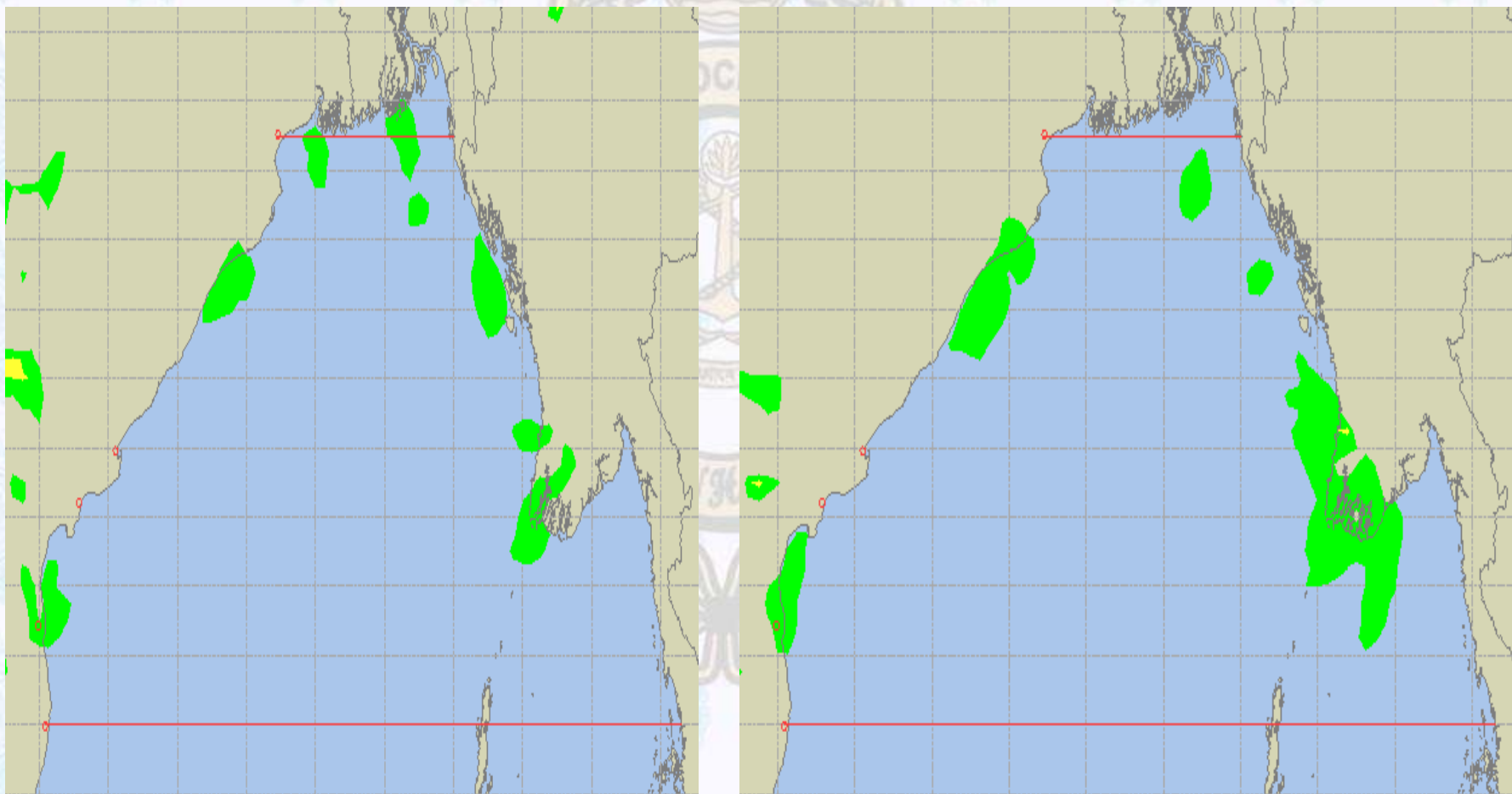




Peak Gusting Possibilities – 18 & 19 Mar - 2020

18 Mar 2020 Wednesday

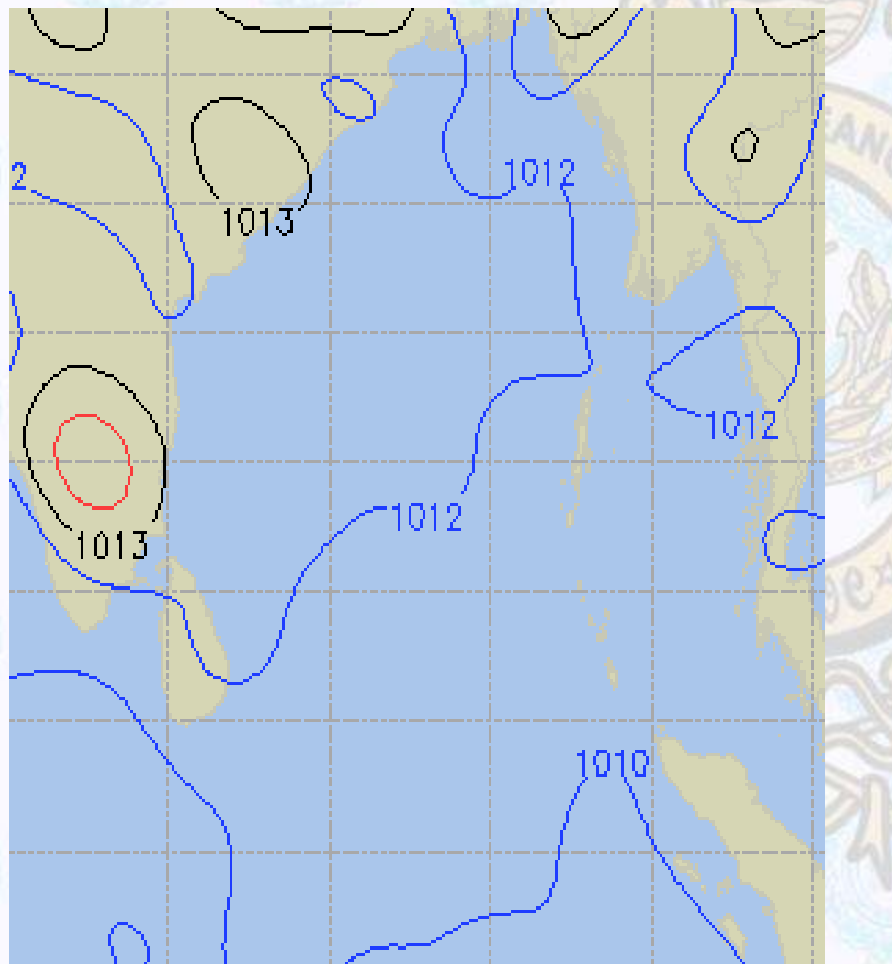
19 Mar 2020 Thursday



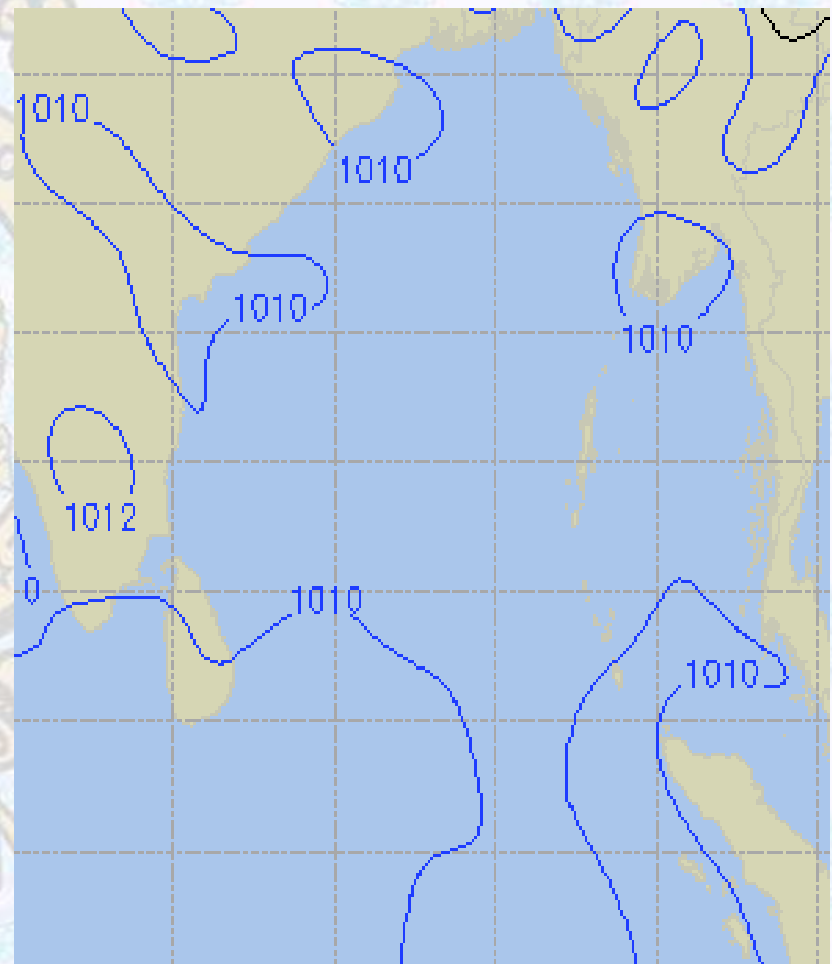


Surface Pressure forecast – 18 & 19 Mar - 2020

18 Mar 2020 Wednesday



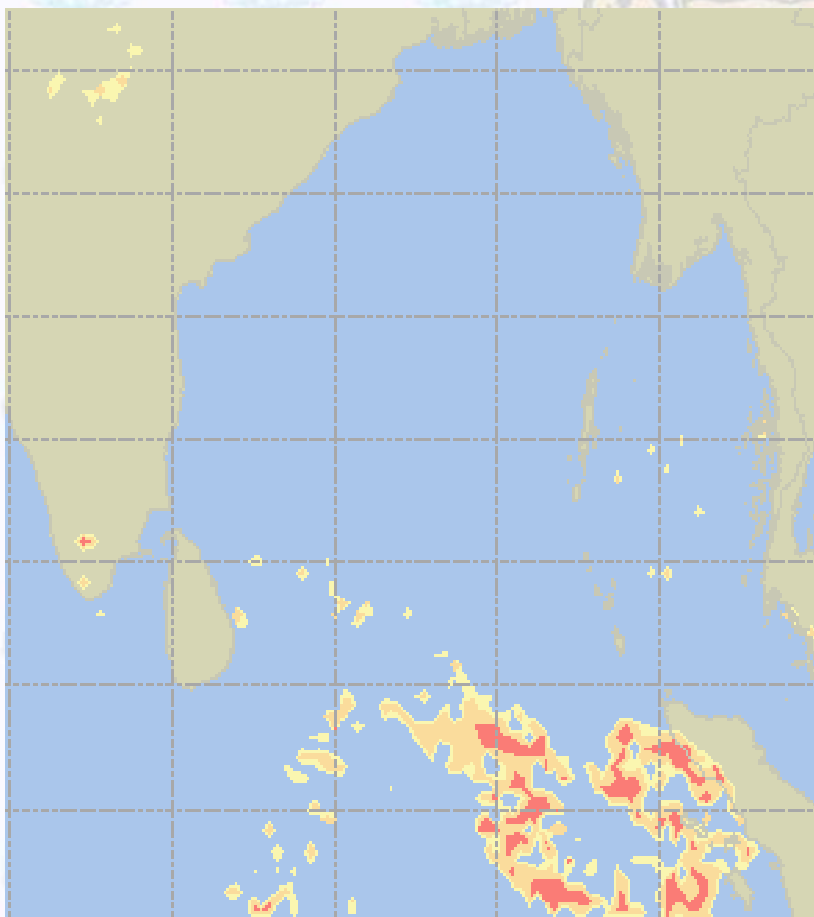
19 Mar 2020 Thursday



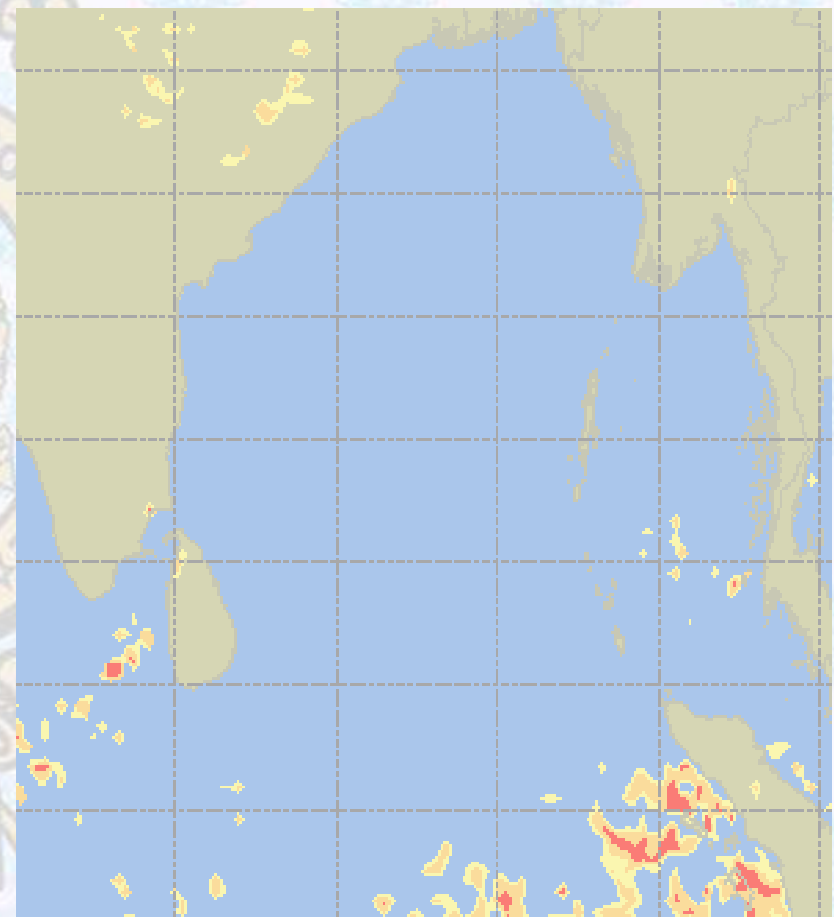


Visibility at Sea Forecast – 18 & 19 Mar - 2020

18 Mar 2020 Wednesday



19 Mar 2020 Thursday



Visibility Scale:

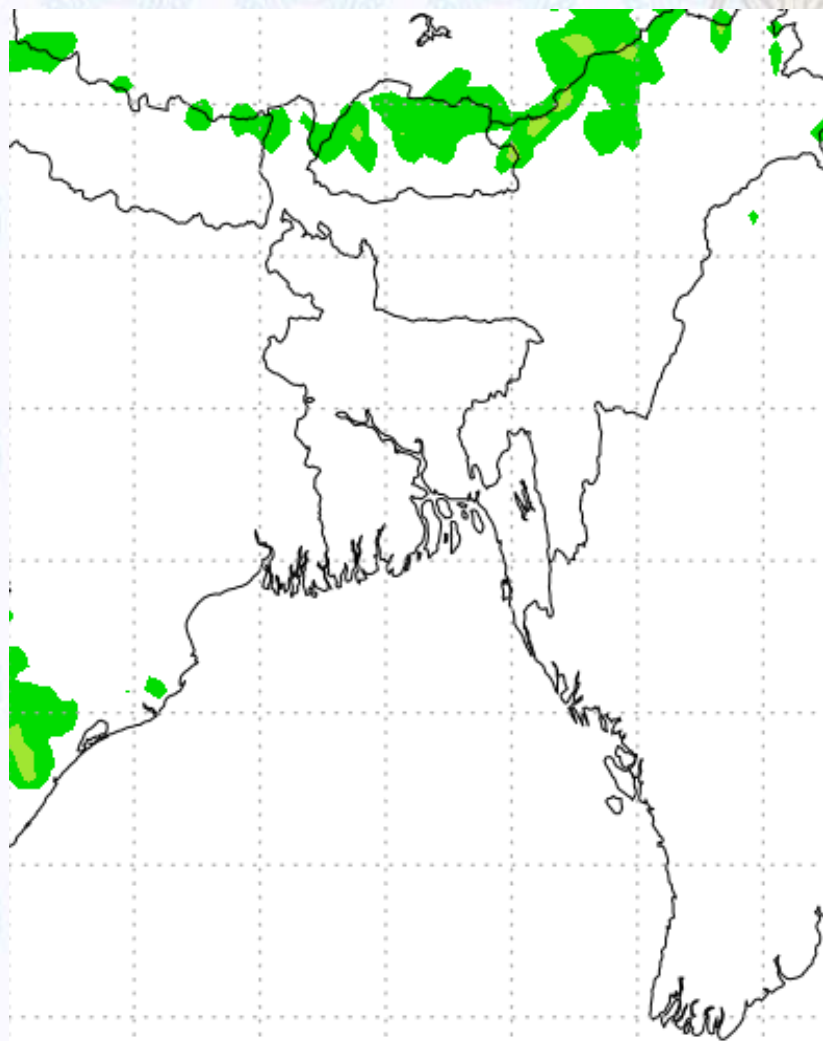


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

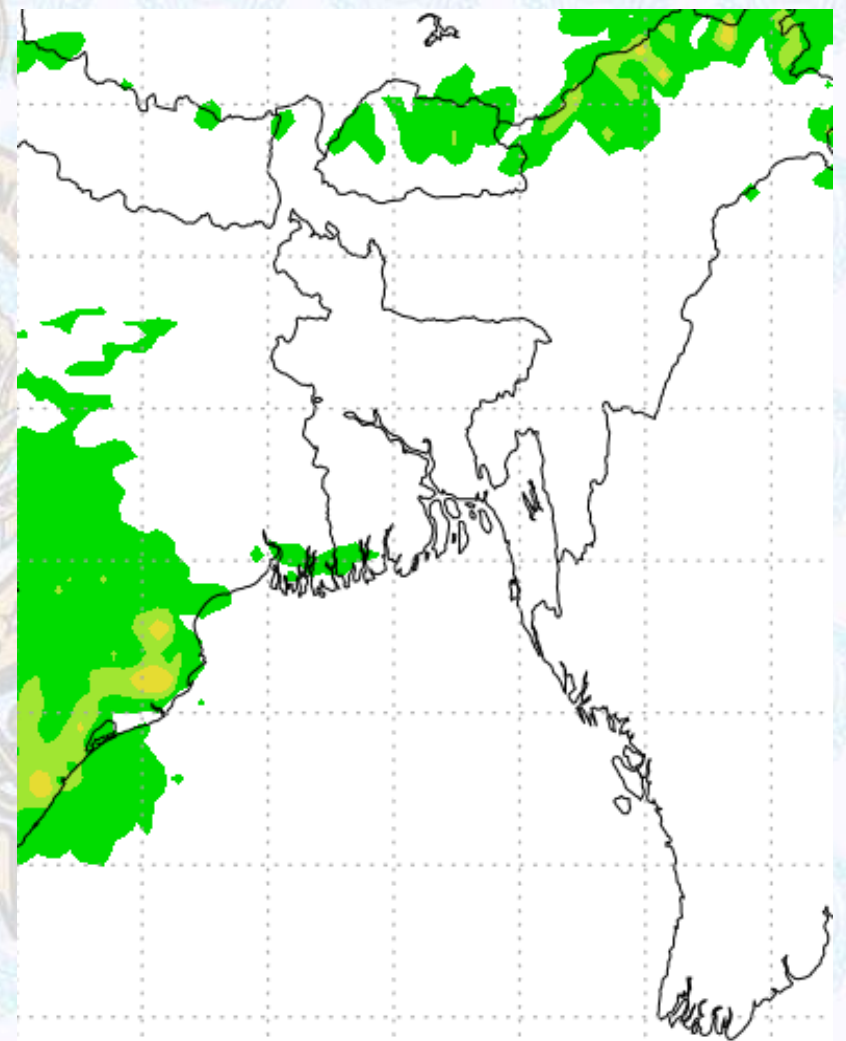


Precipitation

Rain(mm) 18 & 19 Mar 2020



Rain(mm) 19 & 20 Mar 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
	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