



WEATHER FORECAST FOR BN

16 - 19 MAR 2020



WEATHER FORECAST – DHAKA

16.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 17	32 / 16	27 / 17	25 / 18
Wind	13 km/h WNW	13 km/h NNW	8 km/h NNW	6 km/h NW
Humidity	40%	40%	56%	65%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	25%	9%	16%	17%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 07 AM 6: 09 PM			

Conditions

Pressure : 1014 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

16.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 15	33 / 16	27 / 18	24 / 17
Wind	10 km/h NW	9 km/h NW	4 km/h N	3 km/h NNW
Humidity	34%	36%	58%	68%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	33%	13%	5%	28%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 04 AM 6: 05 PM			

Conditions

Pressure : 1014 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

16.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 19	31 / 19	27 / 19	24 / 19
Wind	13 km/h WNW	14 km/h WNW	6 km/h NW	3 km/h N
Humidity	49%	49%	64%	73%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	10%	11%	17%	17%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	6: 12 AM 6: 14 PM			

Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	17 Mar 2020	18 Mar 2020	19 Mar 2020
Temperature (C)	33°C/ 19°C	33°C/ 19°C	33°C/ 21°C
Summary	Sunny	Sunny	Sunny/Partly Cloudy
Sun Rise/Set	6h04m48s/18h08m30s	6h04m00s/18h08m48s	6h03m00s/18h09m12s
Day Length	12h03m42s	12h04m48s	12h06m12s
Moon Rise/ Set	1:10AM 12:05PM	2:04AM 12:59PM	2:55AM 1:54PM
Moon Phase/ illu	Waning Crescent, 38%	Waning Crescent, 28%	Waning Crescent, 19%
NauticalTwilight	0516,1857	0515,1857	0514,1858
Civil Twilight	0542,1831	0541,1831	0540,1831
Humidity	D : 45% N : 63%	D : 43% N : 64%	D : 46% N : 64%
Barometer (mb)	1013	1012	1010
Visibility	Good	Good	Good
Precip Chance	1%	1%	1%
Wind (mph)	13 Km/h NW	13 Km/h WNW	11 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Mar 2020	18 Mar 2020	19 Mar 2020
Temperature (C)	31°C/ 21°C	30°C/ 21°C	30°C/ 21°C
Summary	Sunny	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sun Rise/Set	5h59m00s/18h02m42s	5h58m06s/18h03m06s	5h57m12s/18h03m18s
Day Length	12h03m42s	12h05m00s	12h06m06s
Moon Rise/ Set	1:01AM 12:02PM	2:08AM 1:05PM	2:51AM 1:51PM
Moon Phase/ illu	Waning Crescent, 38%	Waning Crescent, 28%	Waning Crescent, 19%
NauticalTwilight	0511, 1851	0510, 1851	0509, 1851
Civil Twilight	0537, 1825	0536, 1825	0535, 1825
Humidity	D : 59% N : 74%	D : 61% N : 88%	D : 64% N : 81%
Barometer (mb)	1013	1013	1011
Visibility	Good	Good	Good
Precip Chance	1 %	1 %	1 0%
Wind (mph)	14 Km/h NW	11 Km/h W	12 Km/h W

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



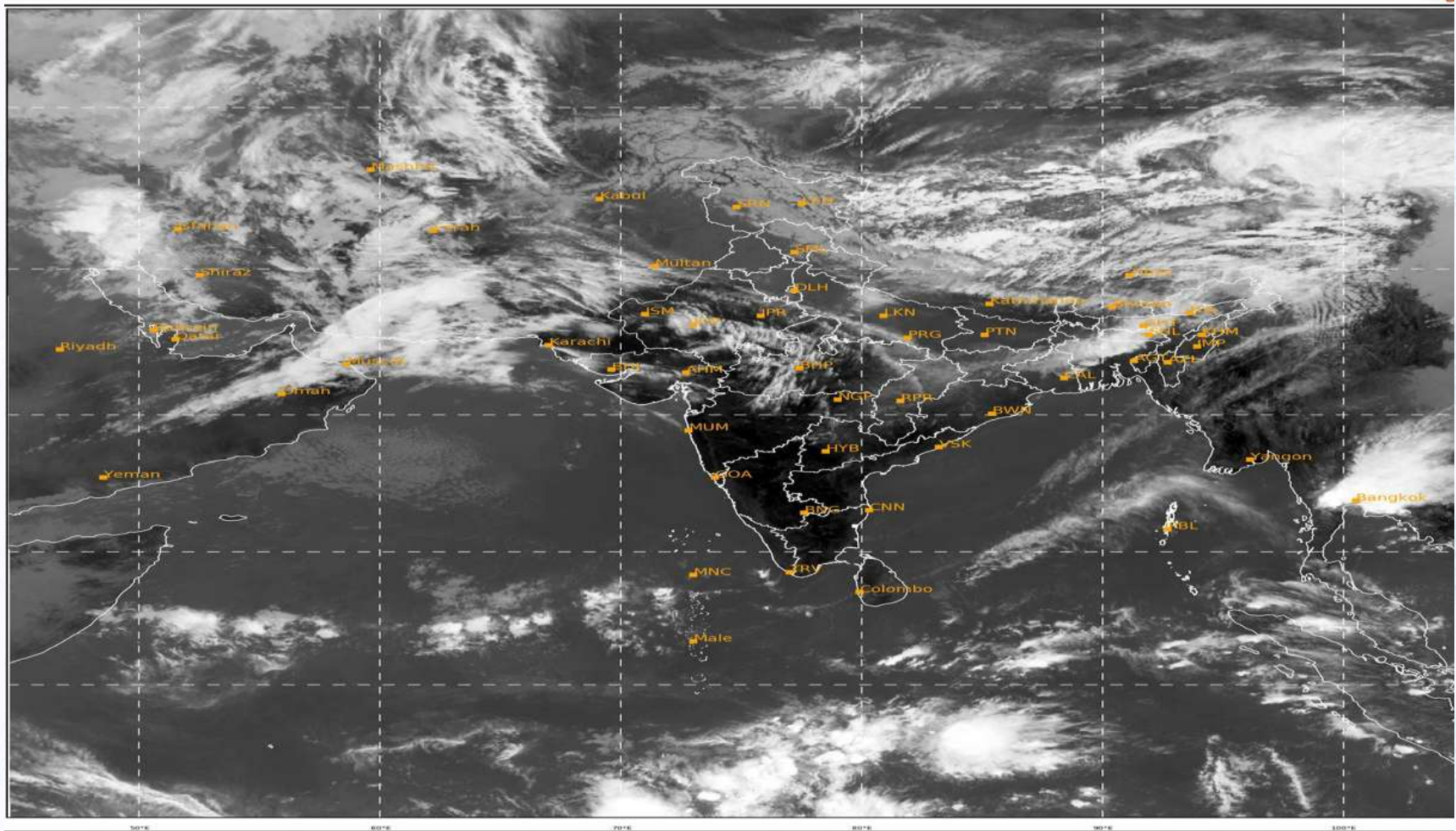
GENERAL WEATHER FORECAST – KHULNA

Description	17 Mar 2020	18 Mar 2020	19 Mar 2020
Temperature(C)	33°C/ 21°C	33°C/ 21°C	33°C/ 22°C
Summary	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Sunny/Partly Cloudy
Sun Rise/Set	6h08m06s/18h11m54s	6h07m18s/18h12m12s	6h06m24s/18h12m30s
Day Length	12h03m48s	12h04m54s	12h06m06s
Moon Rise/Set	1:13AM 12:11PM	2:08AM 1:05PM	2:58AM 2:00PM
Moon Phase/illu	Waning Crescent, 38%	Waning Crescent, 28%	Waning Crescent, 19%
Nautical Twilight	0520, 1900	0519, 1900	0518, 1901
Civil Twilight	0546, 1834	0545, 1834	0544, 1835
Humidity	D : 53% N : 77%	D : 50% N : 74%	D : 51% N : 76%
Barometer (mb)	1014	1013	1010
Visibility	Good	Good	Good
Precip Chance	1%	1%	10%
Wind (mph)	10 km/h NW	12 km/h NW	8 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

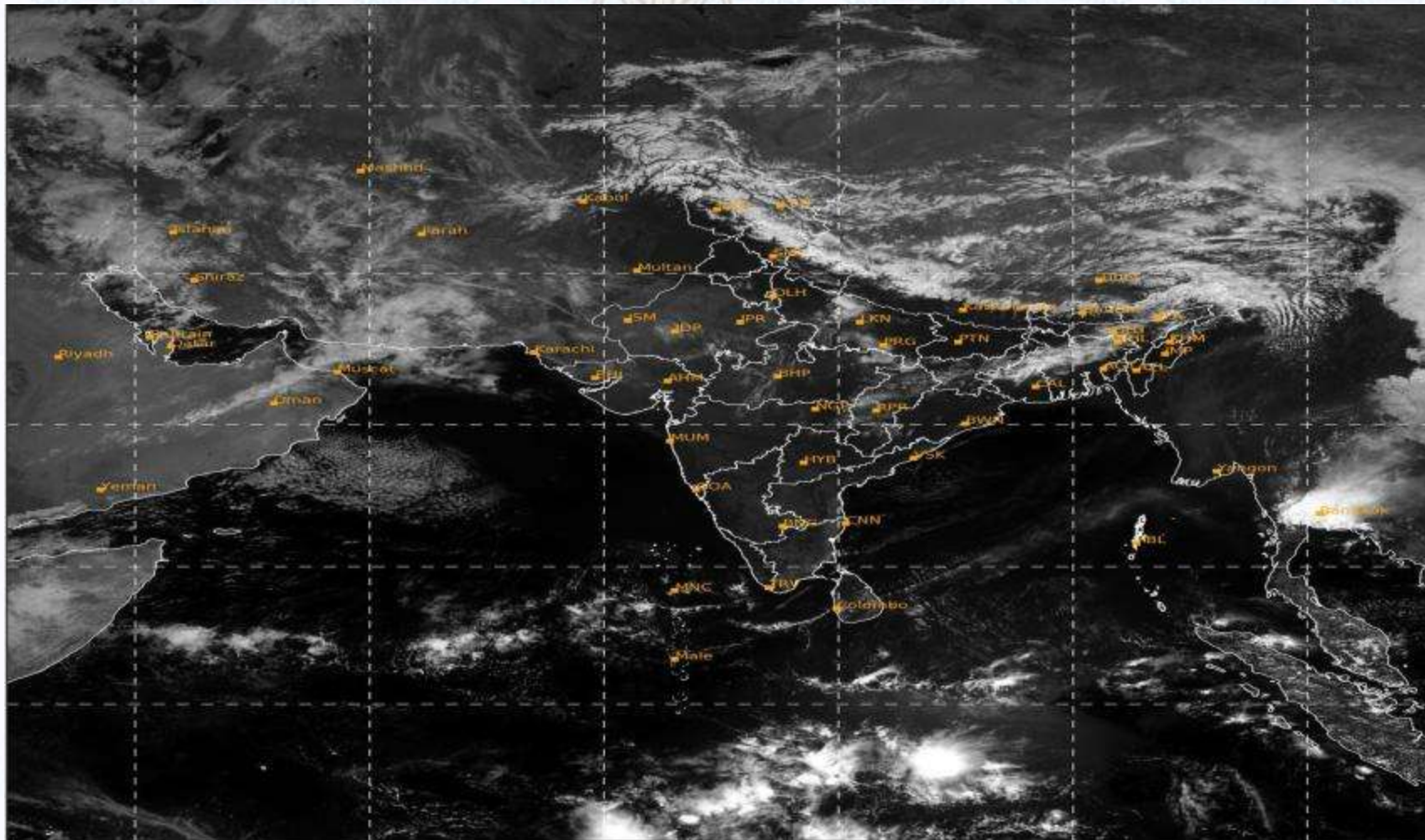


16/03/2020, 10:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



16/03/2020, 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 16.03.2020)

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, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =16,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 16.03.2020)

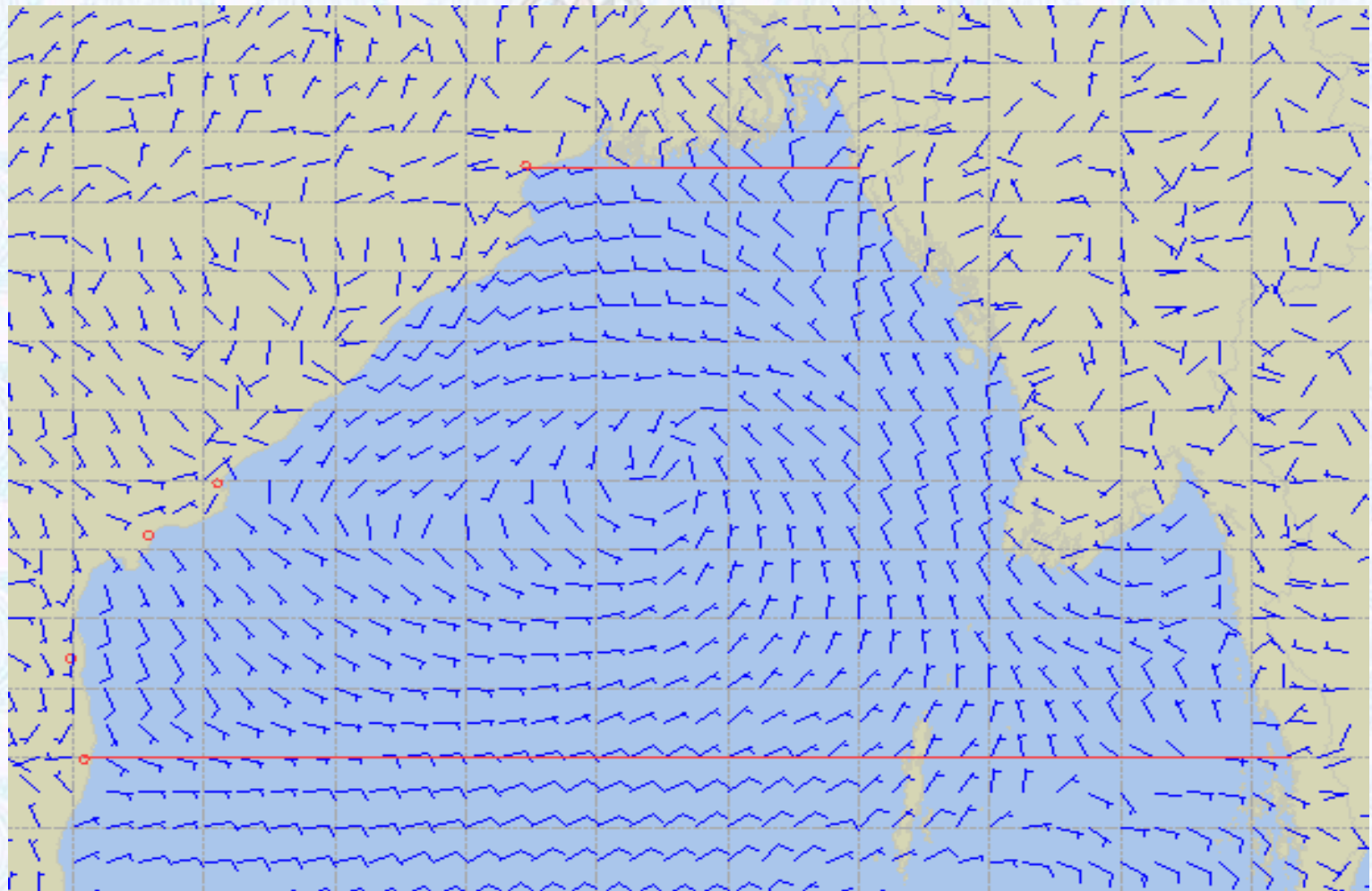
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 17 Mar - 2020



Legend:



Calm
Winds



5 Knots



10 Knots



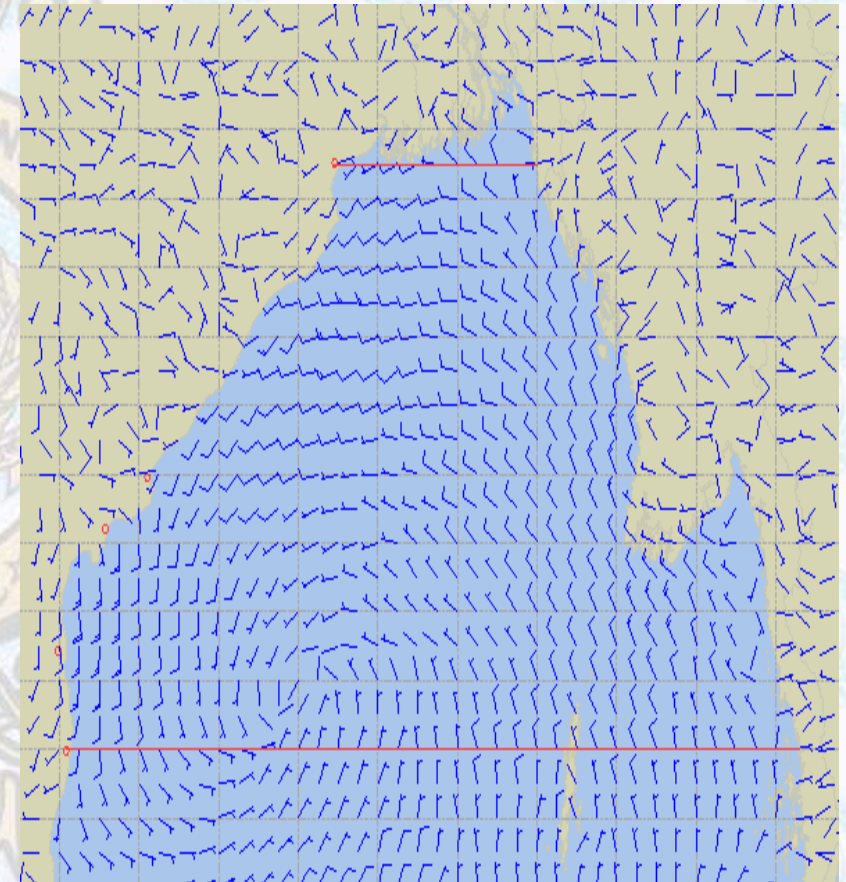
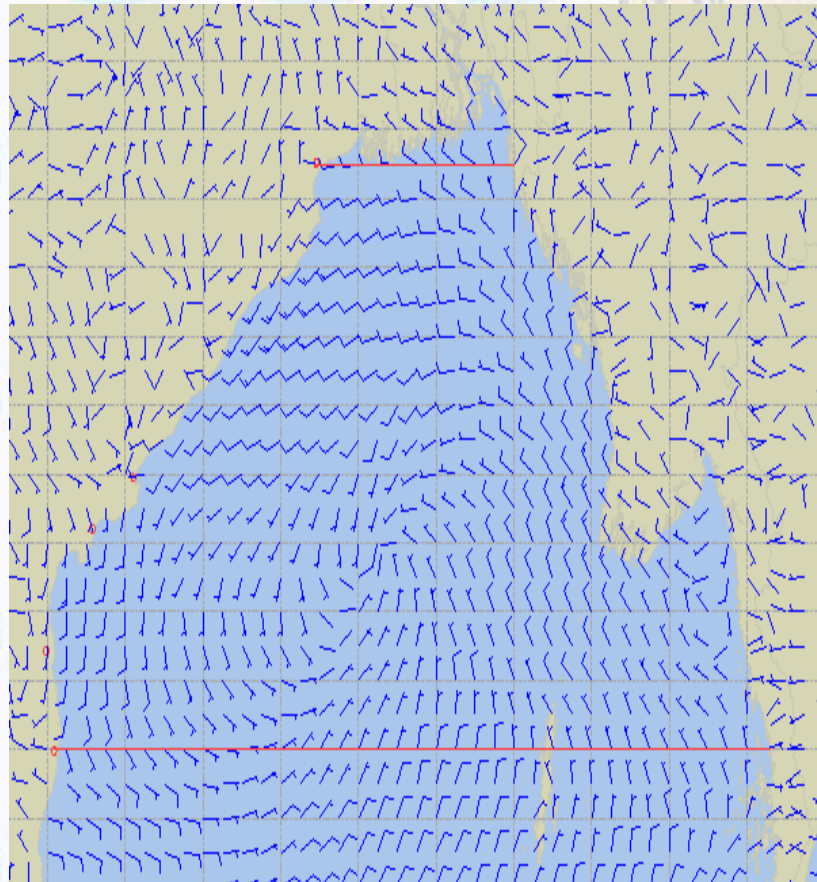
60 Knots



Surface Wind Forecast – 18 & 19 Mar - 2020

18 Mar 2020 Wednesday

19 Mar 2020 Thursday



Legend:



**Calm
Winds**



5 Knots



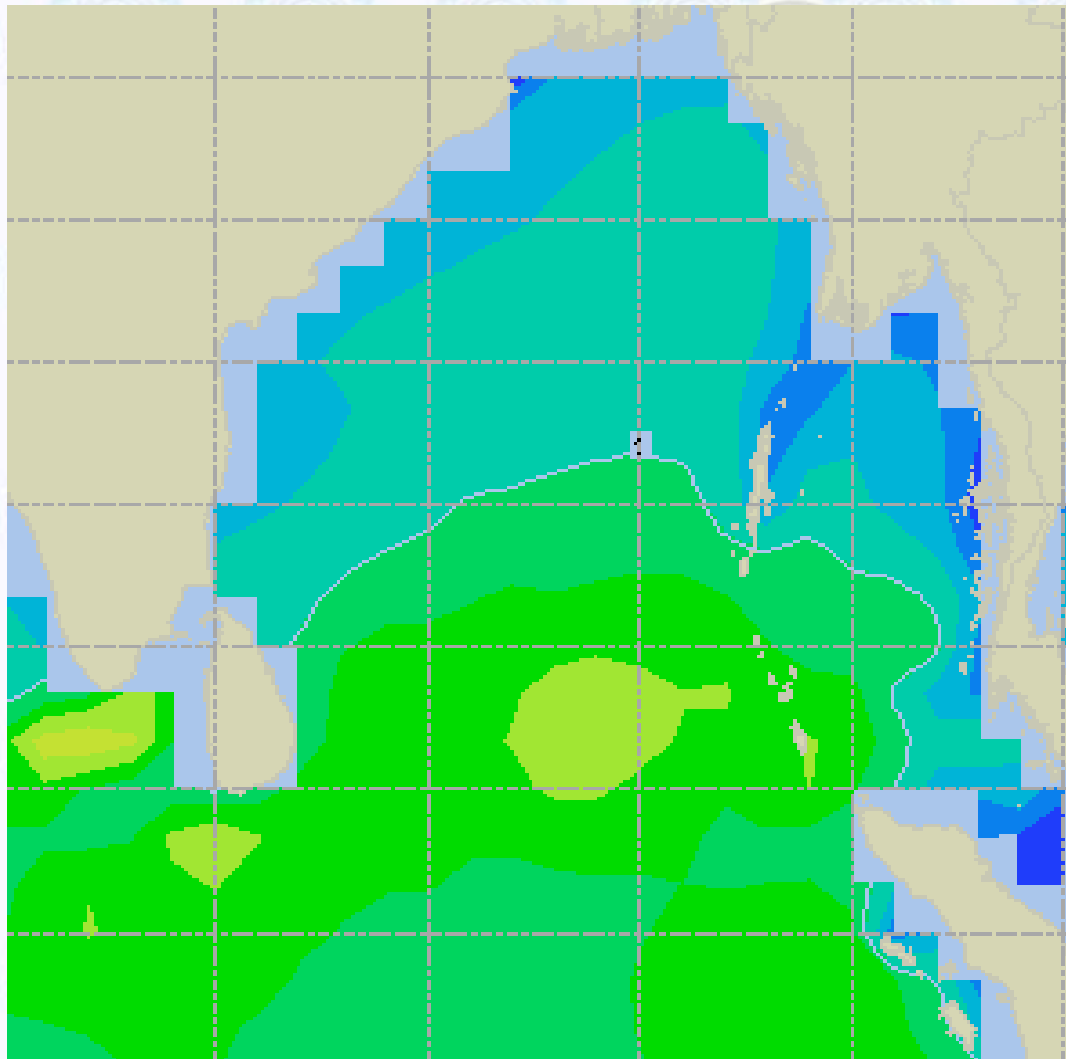
10 Knots



60 Knots



Sea State Forecast - 17 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

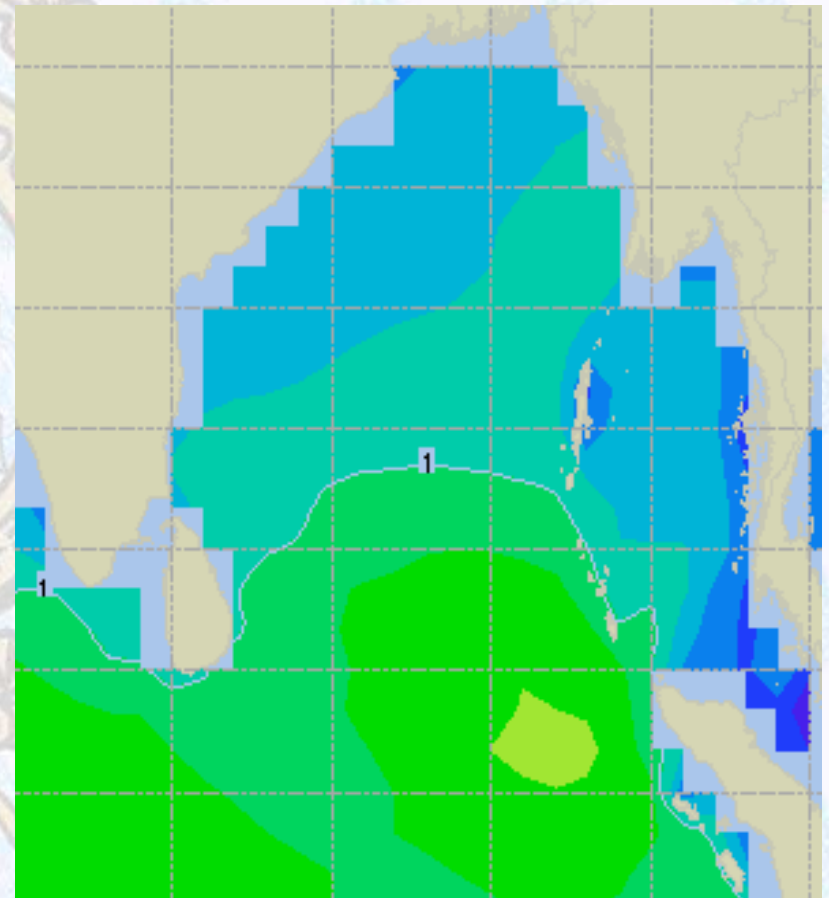
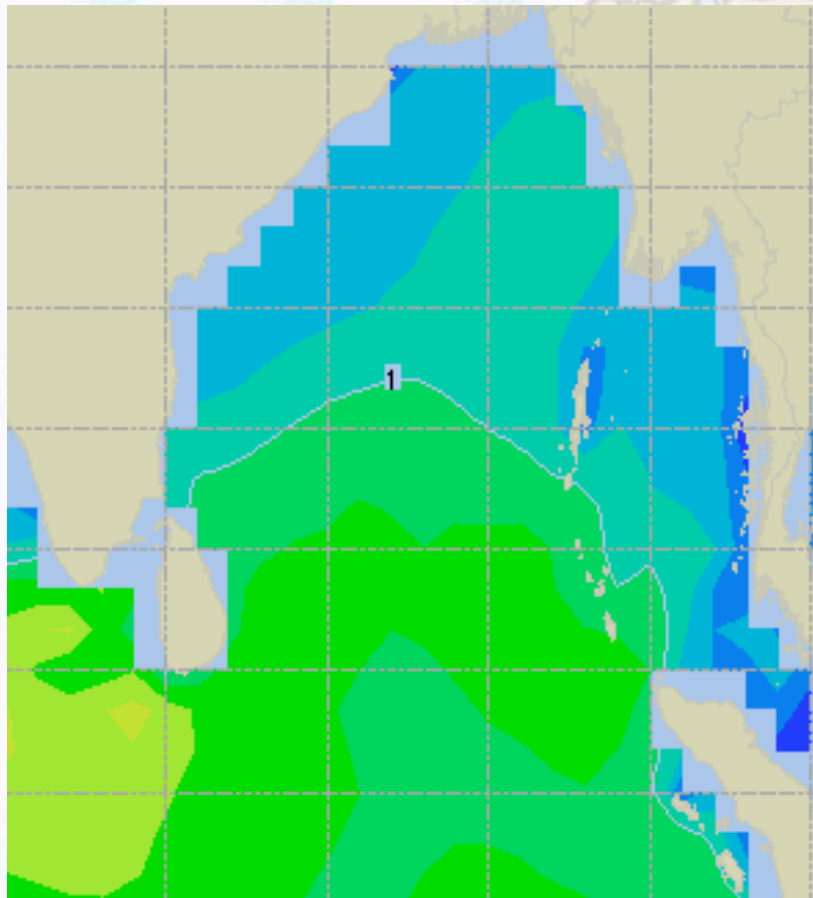




Sea State Forecast - 18 & 19 Mar - 2020

18 Mar 2020 Wednesday

19 Mar 2020 Thursday

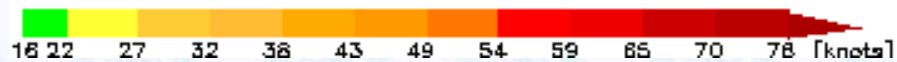
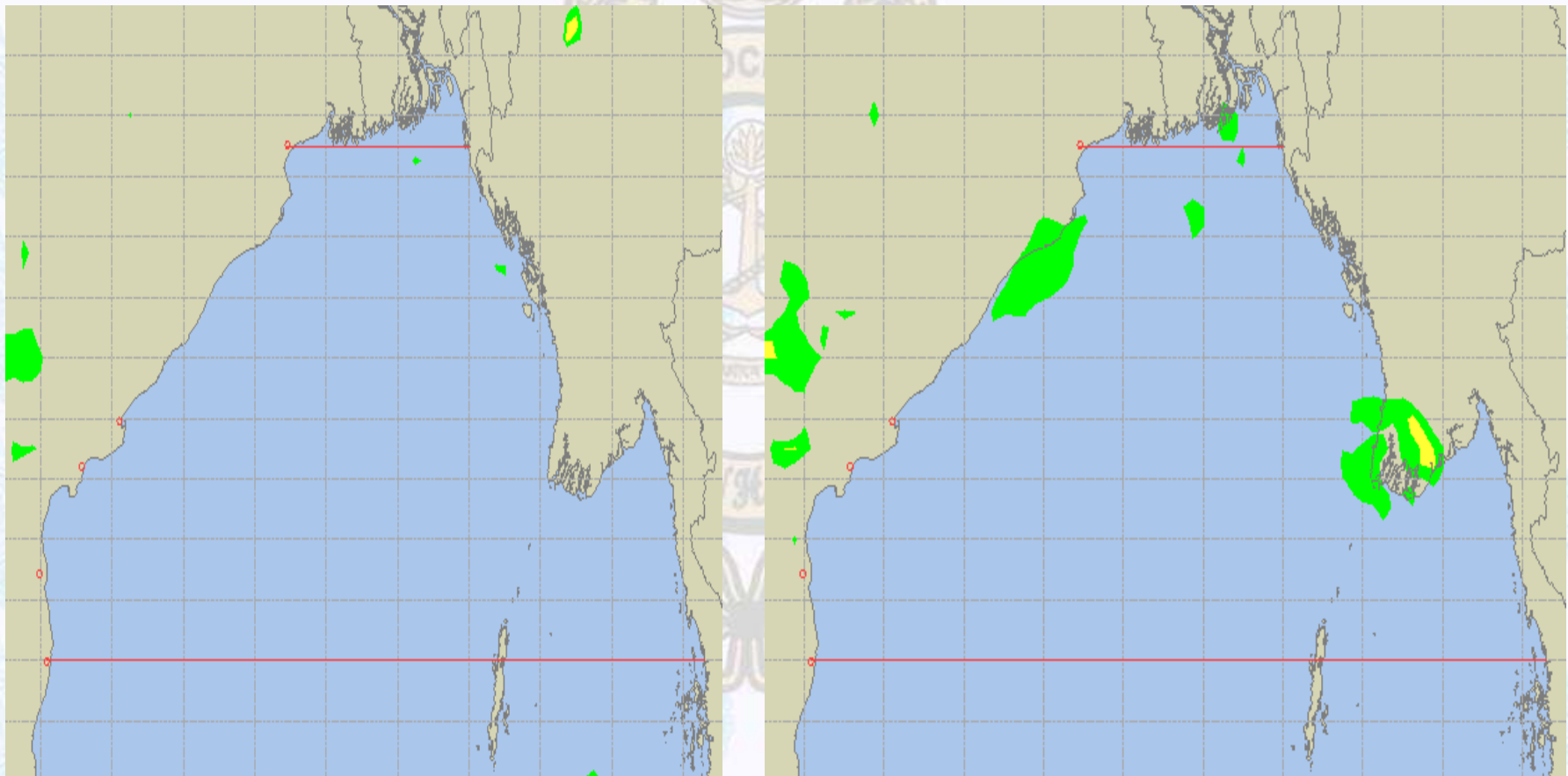




Peak Gusting Possibilities – 17 & 18 Mar - 2020

17 Mar 2020 Tuesday

18 Mar 2020 Wednesday

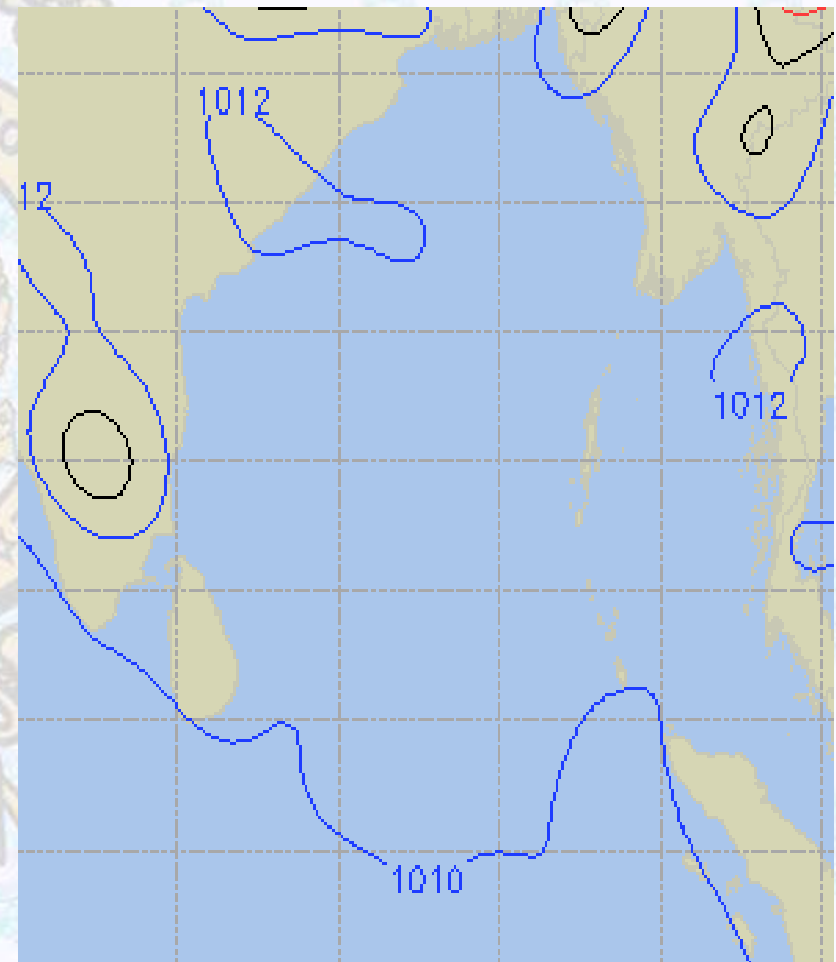
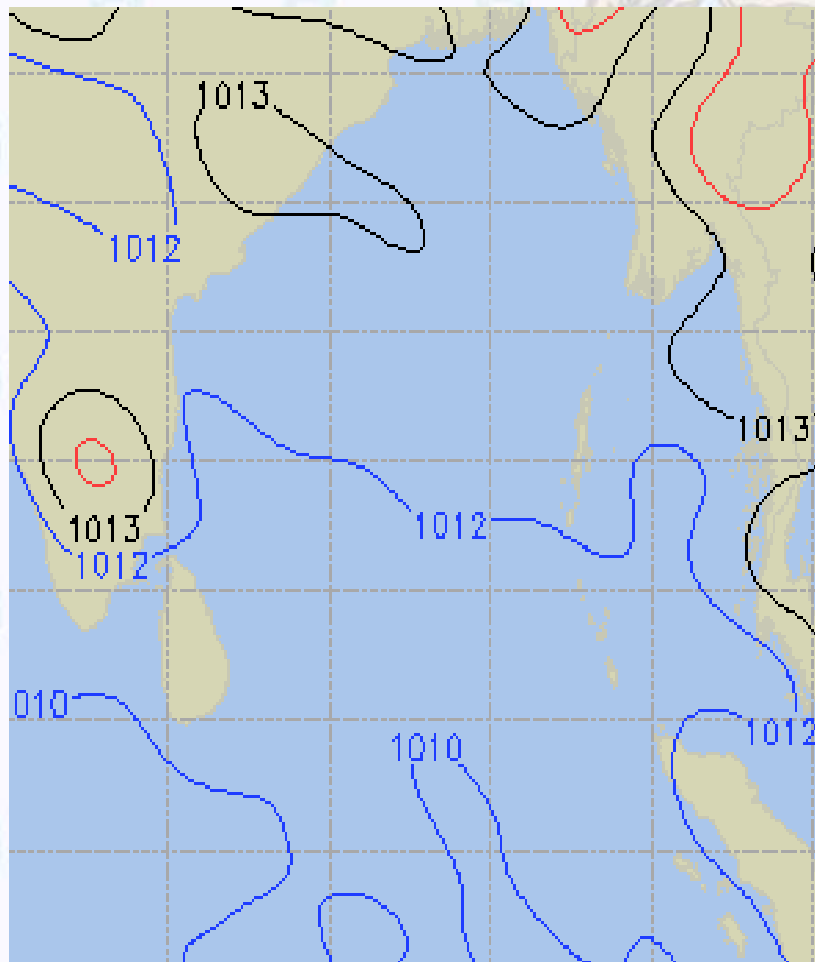




Surface Pressure forecast – 17 & 18 Mar - 2020

17 Mar 2020 Tuesday

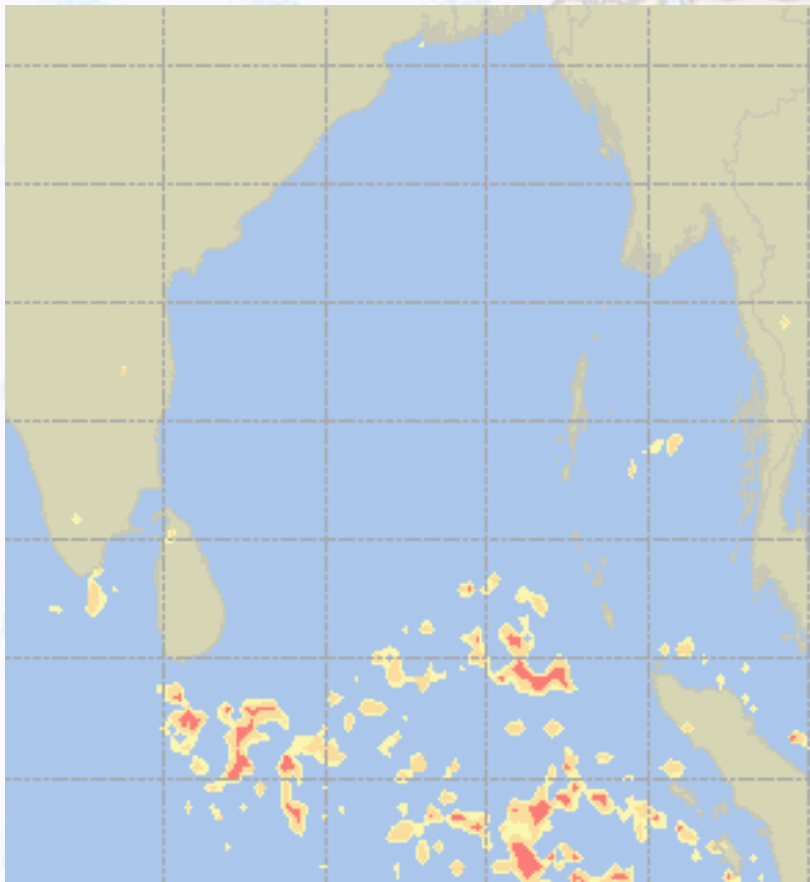
18 Mar 2020 Wednesday



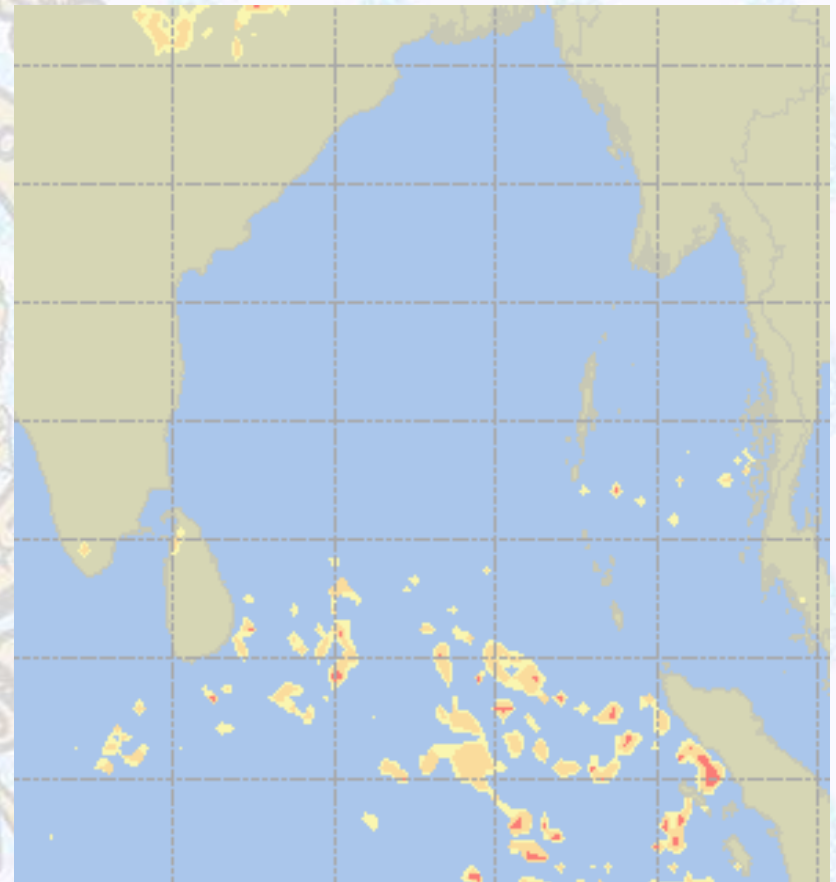


Visibility at Sea Forecast – 17 & 18 Mar - 2020

17 Mar 2020 Tuesday



18 Mar 2020 Wednesday



Visibility Scale:



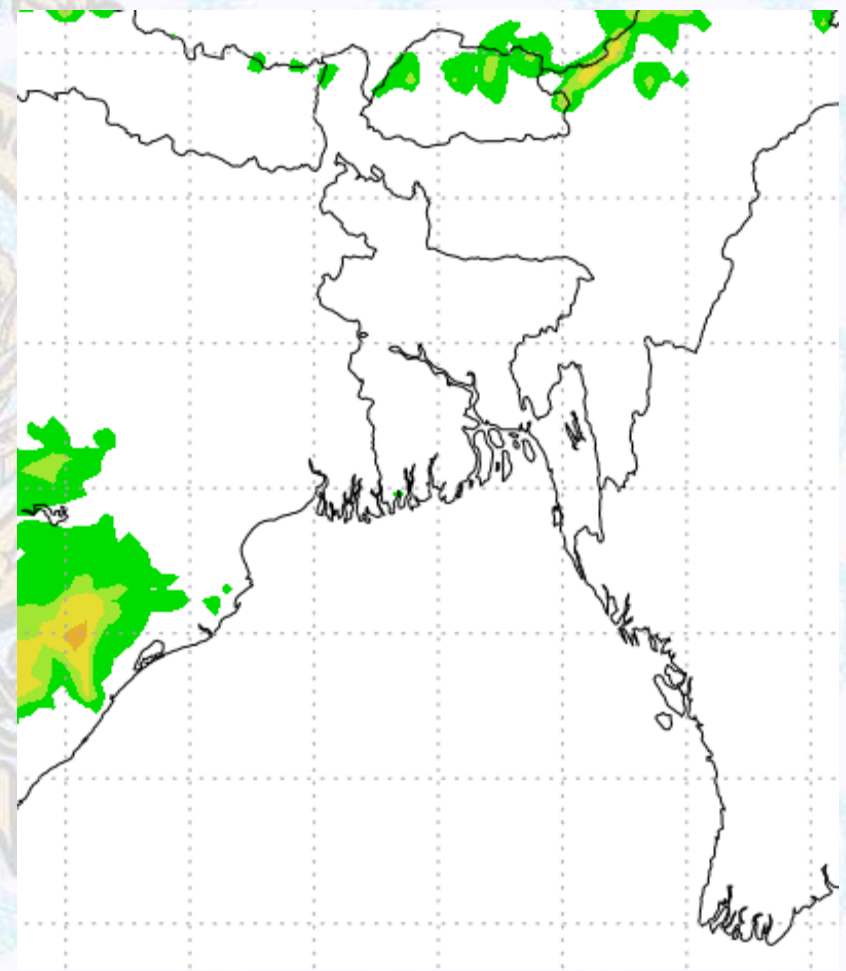
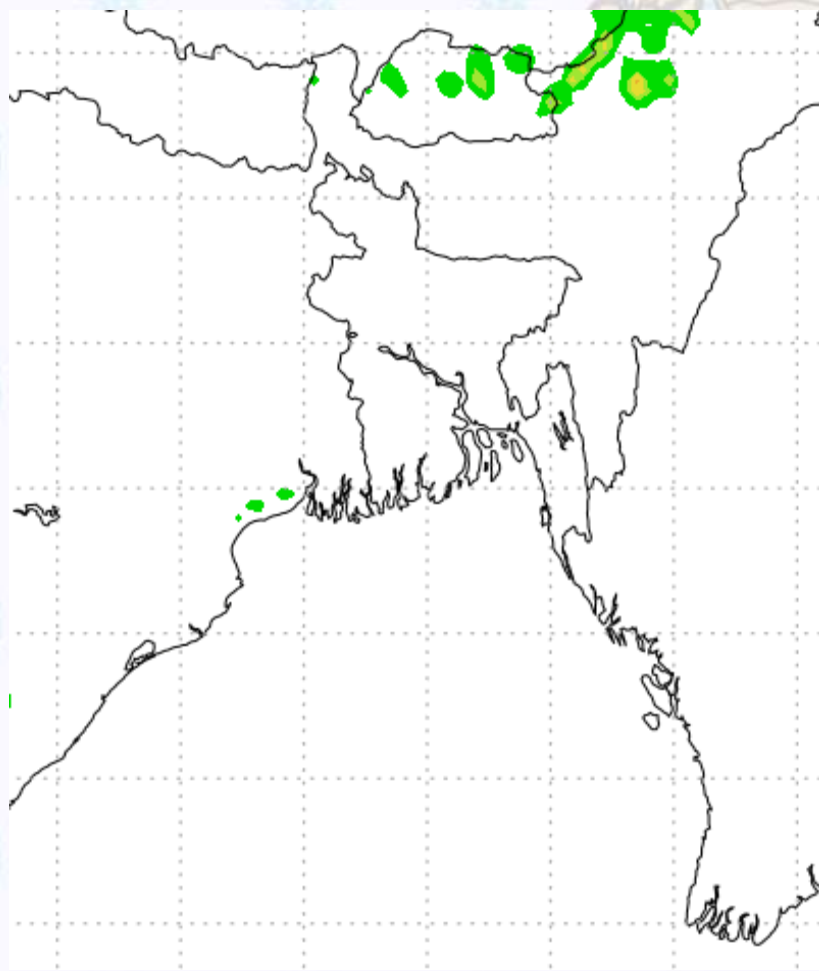
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 17 & 18 Mar 2020

Rain(mm) 18 & 19 Mar 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
	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