



WEATHER FORECAST FOR BN

07 - 10 MAR 2020



WEATHER FORECAST – DHAKA

07.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 19	27 / 20	24 / 20	22 / 20
Wind	13 km/h WSW	8 km/h W	5 km/h S	3 km/h S
Humidity	64%	66%	81%	88%
Chance of Precip	1%	10%	24%	16%
Cloud Cover	59%	63%	23%	24%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	6: 16 AM 6: 05 PM			

Conditions

Pressure : 1014 hpa

Visibility : 11.27 km

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



WEATHER FORECAST – CHATTOGRAM

07.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 19	27 / 20	24 / 21	22 / 21
Wind	14 km/h W	12 km/h W	8 km/h SW	5 km/h WSW
Humidity	58%	63%	80%	94%
Chance of Precip.	1%	1%	3%	7%
Cloud Cover	45%	20%	22%	15%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 10 AM 6: 00 PM			

Conditions

Pressure : 1014 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

07.03.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 22	27 / 22	24 / 22	22 / 22
Wind	12 km/h SW	12 km/h SW	7 km/h SSW	5 km/h SSW
Humidity	74%	74%	88%	96%
Chance of Precip.	34%	24%	18%	15%
Cloud Cover	61%	52%	16%	17%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	6: 20 AM 6: 10 PM			

Conditions

Pressure : 1014 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	08 Mar 2020	09 Mar 2020	10 Mar 2020
Temperature (C)	31°C/ 18°C	30°C/ 17°C	31°C/ 18°C
Summary	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny
Sun Rise/Set	6h13m54s/18h05m00s	6h13m00s/18h05m18s	6h12m06s/18h05m42s
Day Length	11h51m06s	11h52m18s	11h53m36s
Moon Rise/ Set	4:39PM 5:11AM	5:46PM 5:59AM	6:52PM 6:43AM
Moon Phase/ illu	Waxing Gibbous, 96%	Full Moon, 99%	Full Moon, 99%
NauticalTwilight	0525,1853	0524,1853	0523,1854
Civil Twilight	0551,1827	0550,1827	0549,1828
Humidity	D : 68% N : 76%	D : 51% N : 66%	D : 46% N : 64%
Barometer (mb)	1013	1011	1011
Visibility	Moderate	Good	Good
Precip Chance	10%	10%	1%
Wind (mph)	12 Km/h W	14 Km/h WNW	11 Km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 Mar 2020	09 Mar 2020	10 Mar 2020
Temperature (C)	28°C/ 20°C	30°C/ 17°C	30°C/ 18°C
Summary	Partly Cloudy/ Light Rain	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny
Sun Rise/Set	6h07m30s/17h59m42s	6h06m36s/18h00m00s	6h05m48s/18h00m24s
Day Length	11h52m12s	11h53m24s	11h54m36s
Moon Rise/ Set	4:35PM 5:03AM	5:42PM 5:51AM	6:46PM 6:36AM
Moon Phase/ illu	Waxing Gibbous, 96%	Full Moon, 99%	Full Moon, 99%
NauticalTwilight	0519, 1847	0518, 1848	0517, 1848
Civil Twilight	0545, 1821	0544, 1822	0543, 1822
Humidity	D : 79% N : 96%	D : 63% N : 74%	D : 48% N : 74%
Barometer (mb)	1014	1011	1011
Visibility	Moderate	Moderate	Moderate
Precip Chance	20 %	10 %	1 %
Wind (mph)	10 Km/h WSW	11 Km/h NW	11 Km/h NW

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



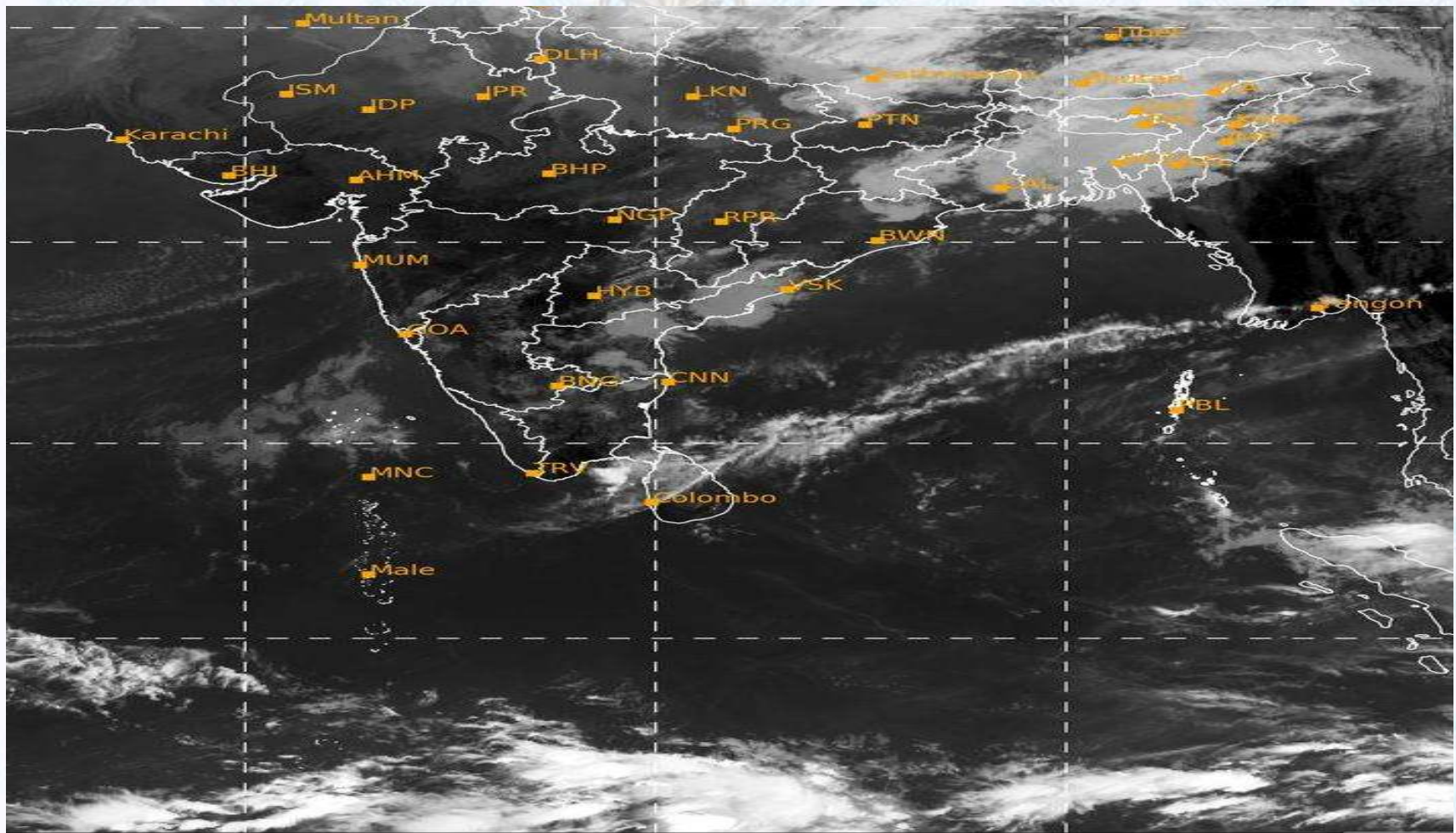
GENERAL WEATHER FORECAST – KHULNA

Description	08 Mar 2020	09 Mar 2020	10 Mar 2020
Temperature(C)	31°C/ 18°C	30°C/ 17°C	31°C/ 18°C
Summary	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny
Sun Rise/Set	6h16m48s/18h08m42s	6h16m00s/18h09m00s	6h15m06s/18h09m24s
Day Length	11h51m54s	11h53m00s	11h54m18s
Moon Rise/Set	4:45PM 5:13AM	5:52PM 6:02AM	6:57PM 6:47AM
Moon Phase/illu	Waxing Gibbous, 96%	Full Moon, 99%	Full Moon, 99%
Nautical Twilight	0528, 1856	0527, 1857	0526, 1857
Civil Twilight	0554, 1830	0553, 1831	0552, 1831
Humidity	D : 67% N : 74%	D : 51% N : 67%	D : 46% N : 63%
Barometer (mb)	1013	1011	1011
Visibility	Good	Good	Good
Precip Chance	10%	1%	1%
Wind (mph)	15 km/h WNW	14 km/h WNW	11 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

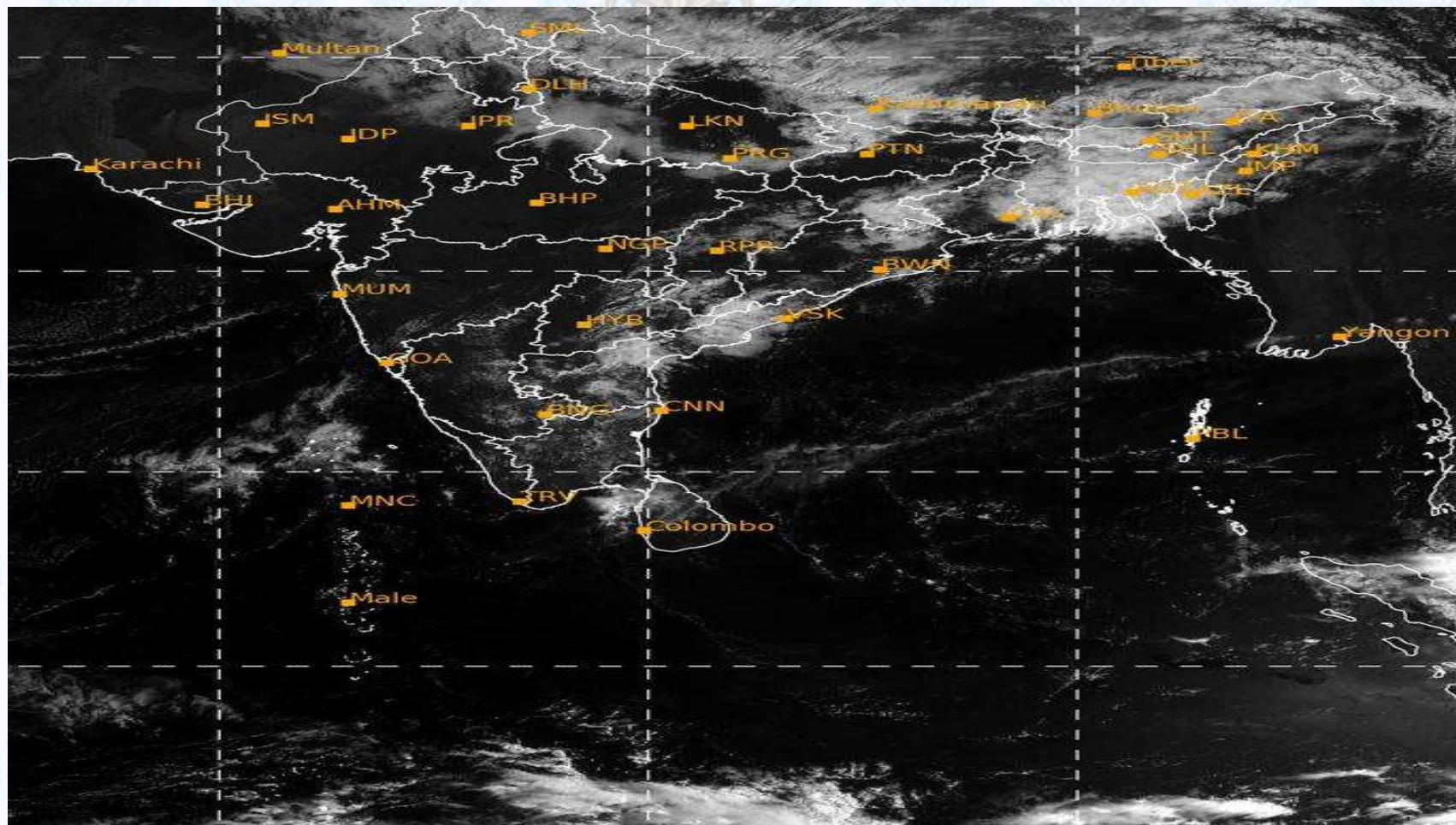


07/03/2020, 10:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



07/03/2020, 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 07.03.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	WEST/ NORTH-WESTERLY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =07,0000 UTC. CHATTOGRAM =1014 HPA



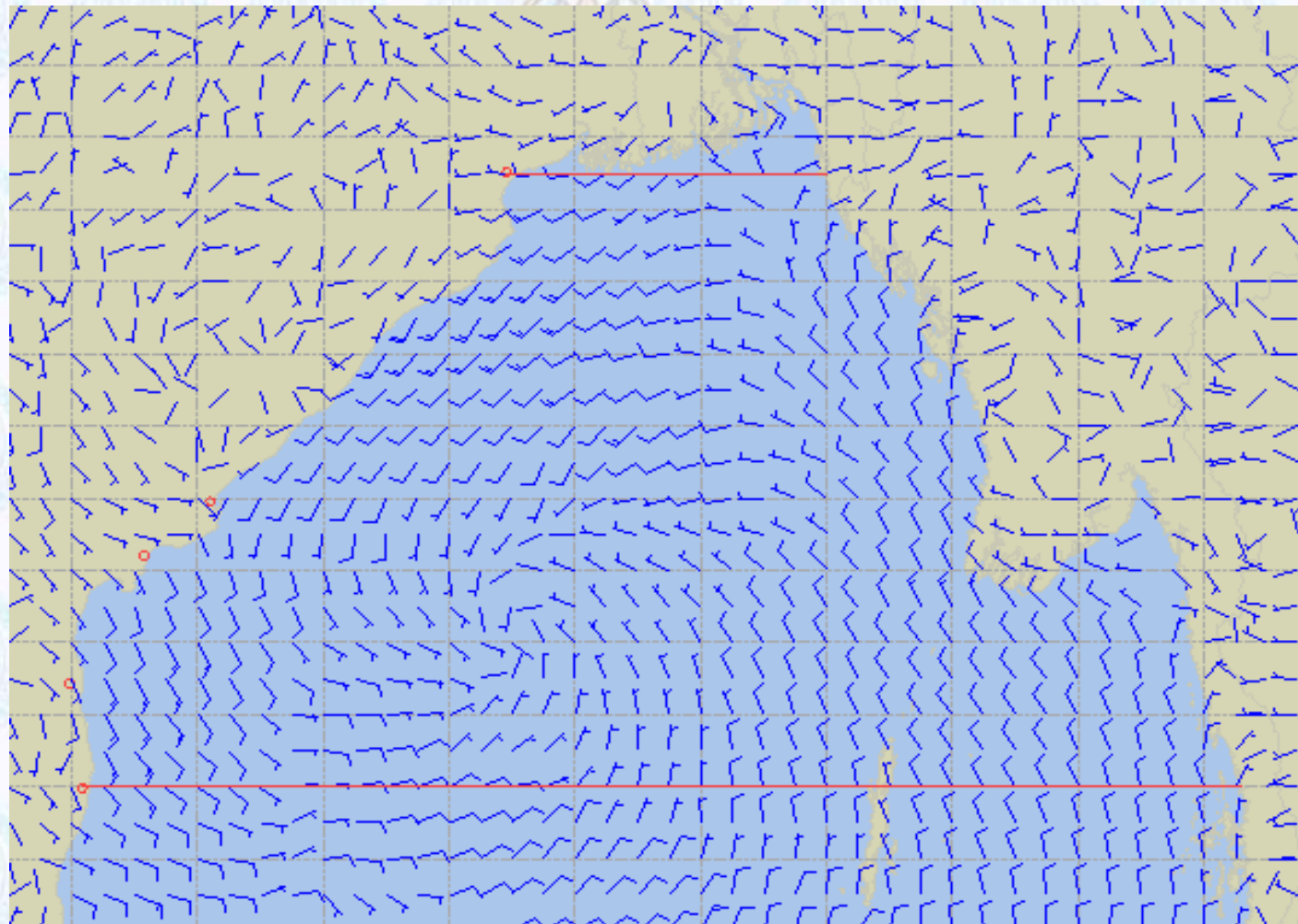
Inland River Port Warning **(VALID TILL 06 PM OF 07.03.2020)**

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, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA , CHATTOGRAM, COX'S BAZAR AND SYLHET **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.**

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



Surface Wind Forecast- 08 Mar - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



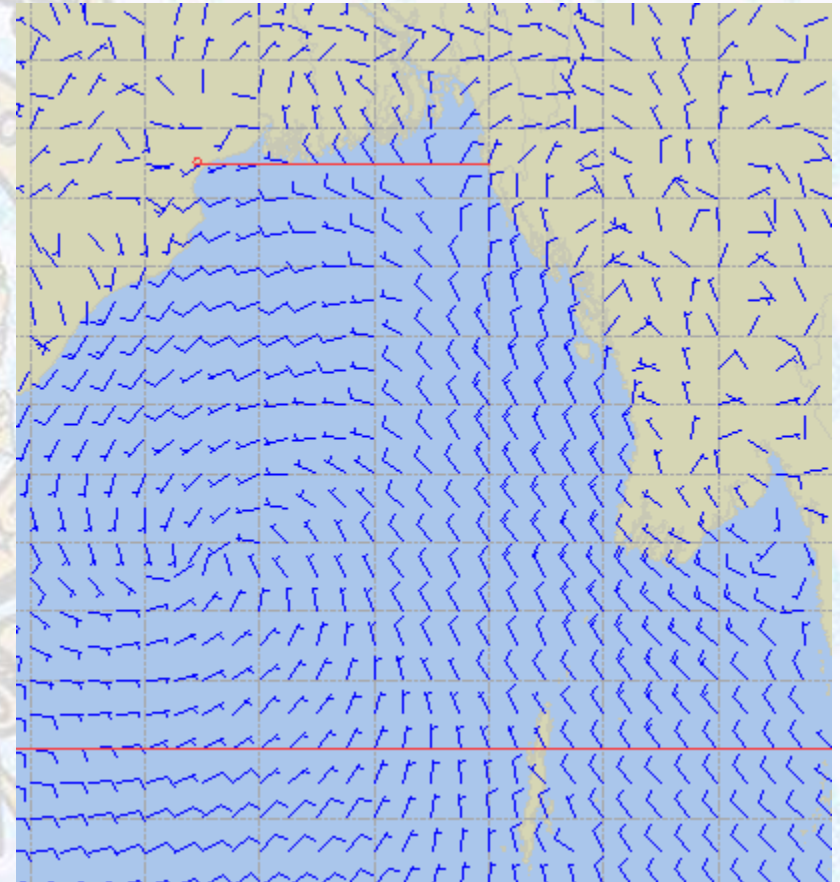
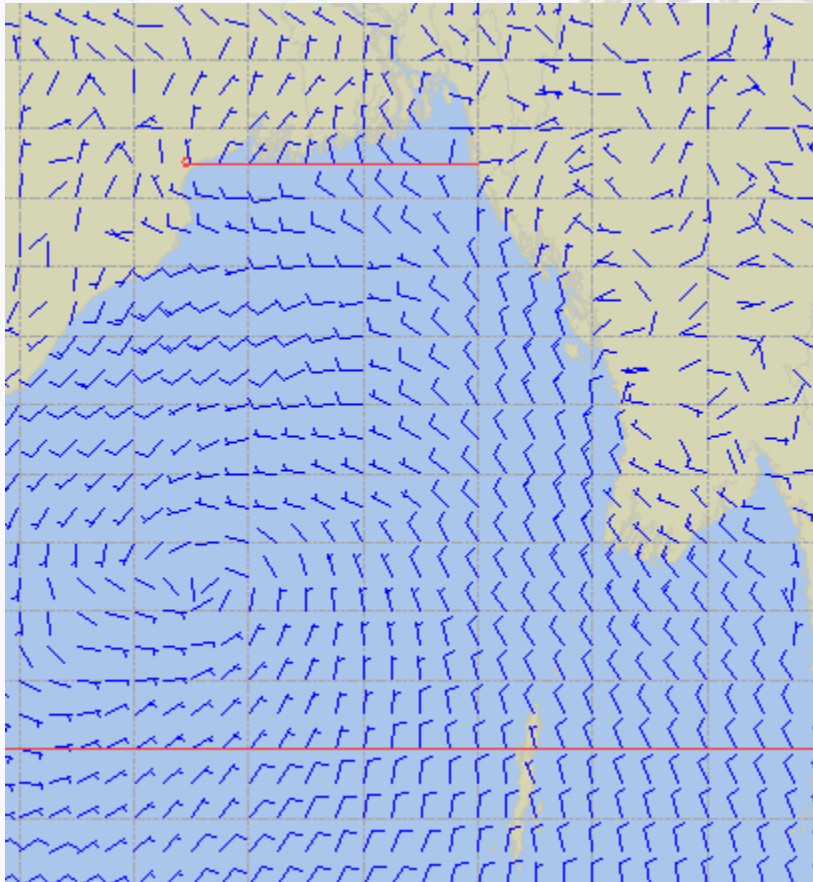
60 Knots



Surface Wind Forecast – 09 & 10 Mar - 2020

09 Mar 2020 Monday

10 Mar 2020 Tuesday



Legend:



Calm
Winds



5 Knots



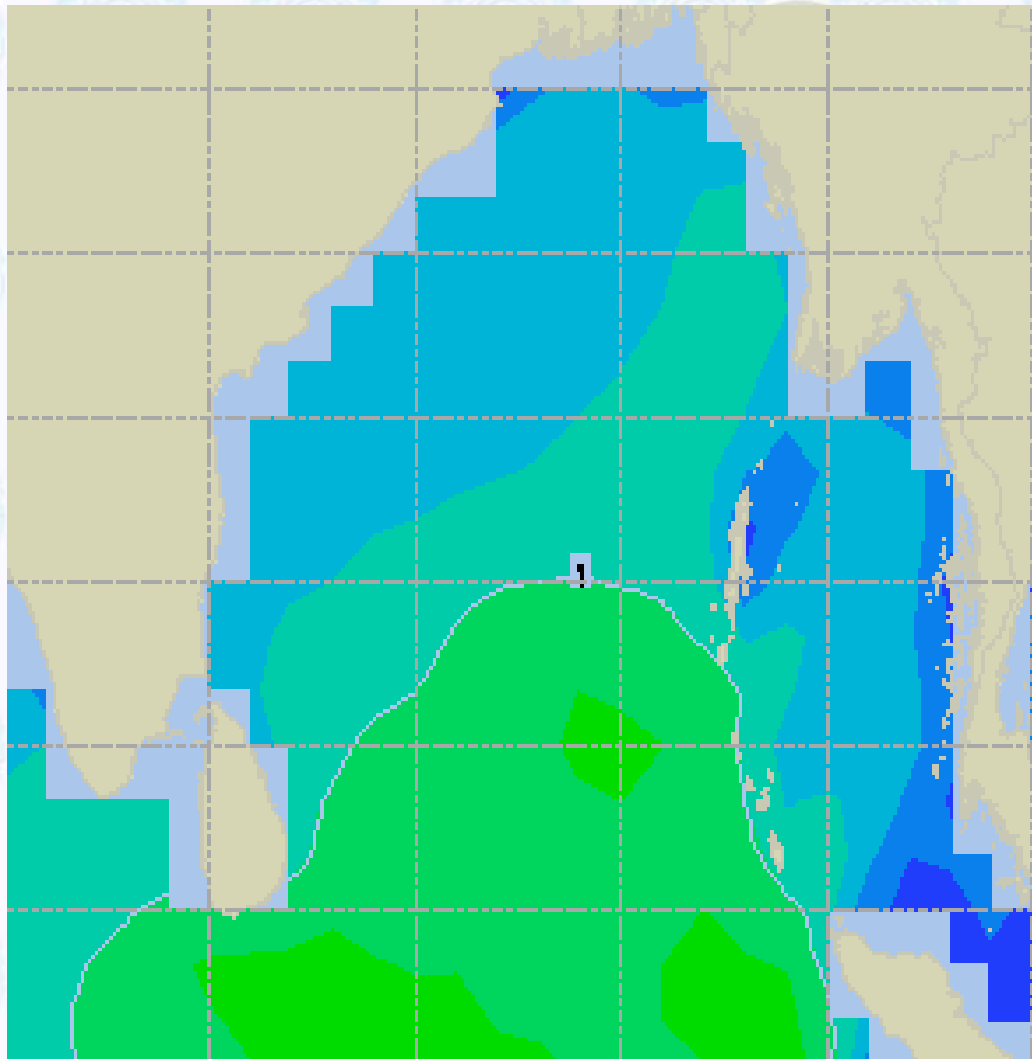
10 Knots



60 Knots



Sea State Forecast - 08 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

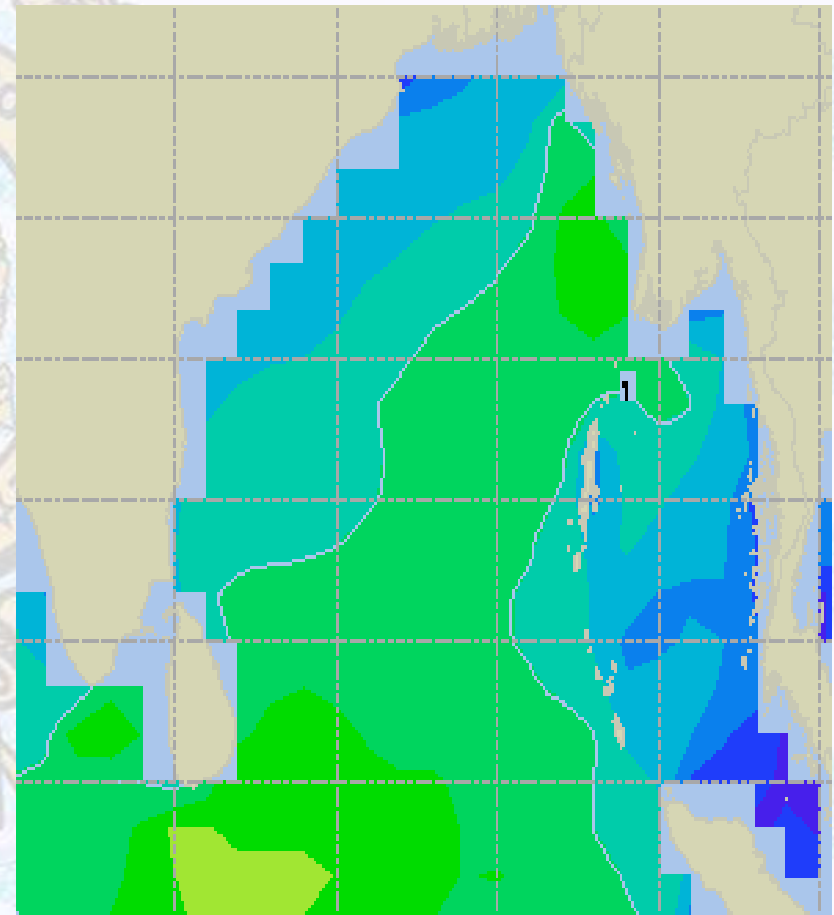
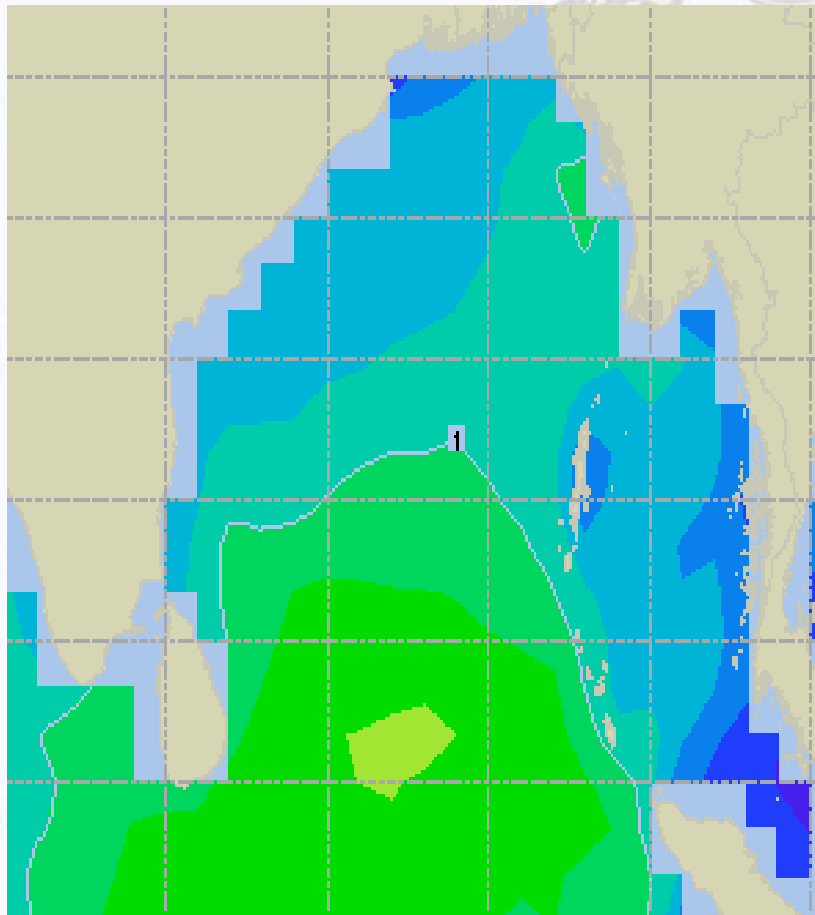




Sea State Forecast - 09 & 10 Mar - 2020

09 Mar 2020 Monday

10 Mar 2020 Tuesday

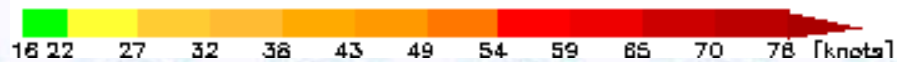
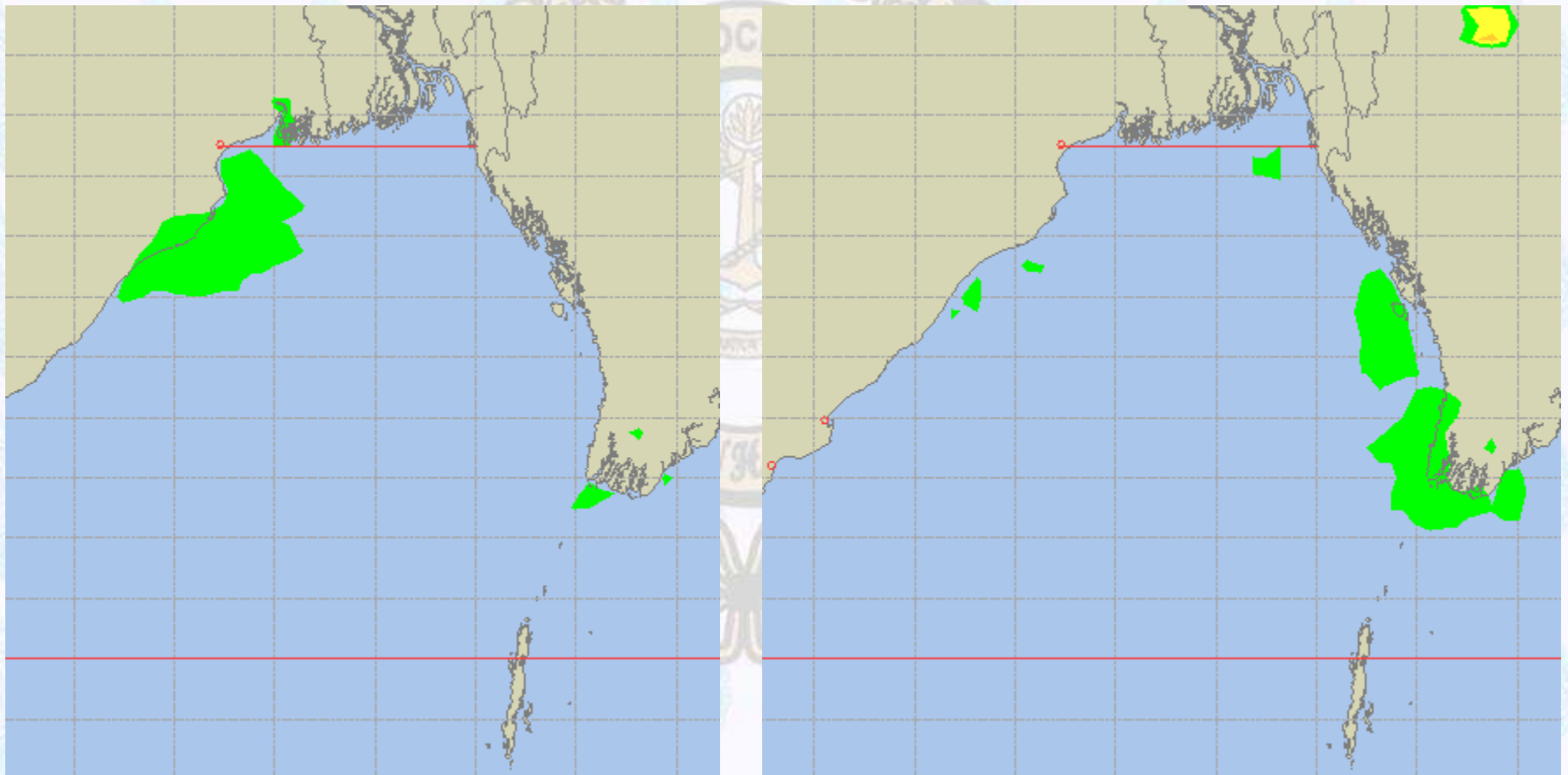




Peak Gusting Possibilities – 08 & 09 Mar - 2020

08 Mar 2020 Sunday

09 Mar 2020 Monday

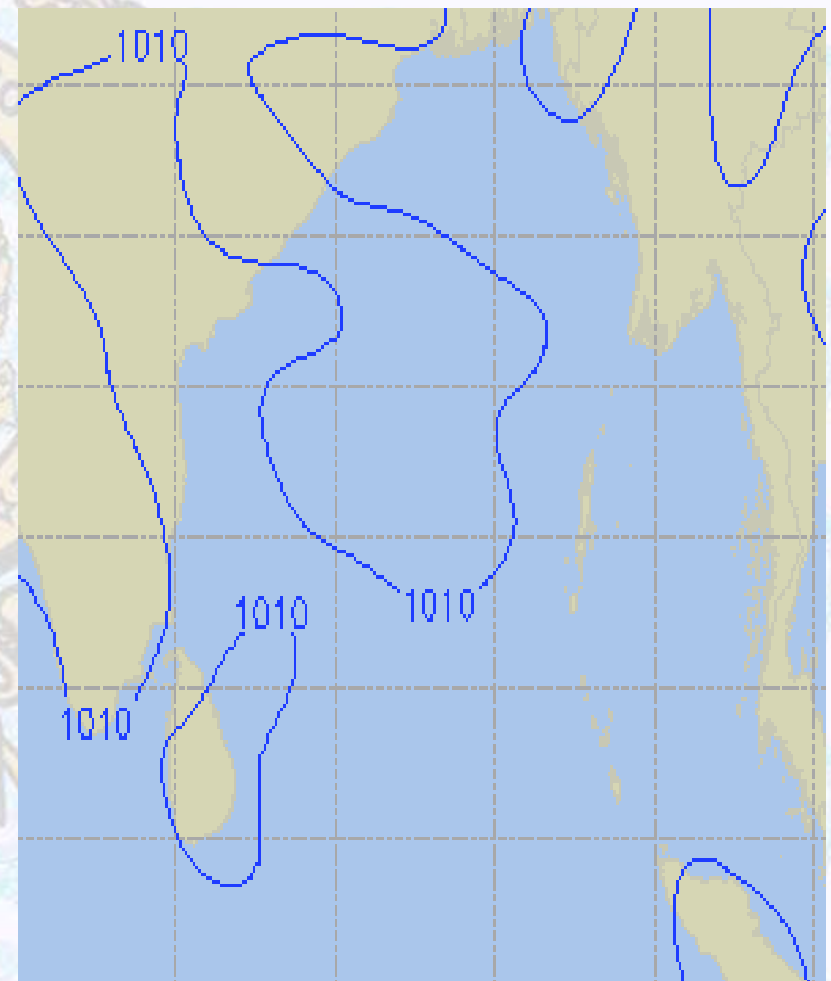
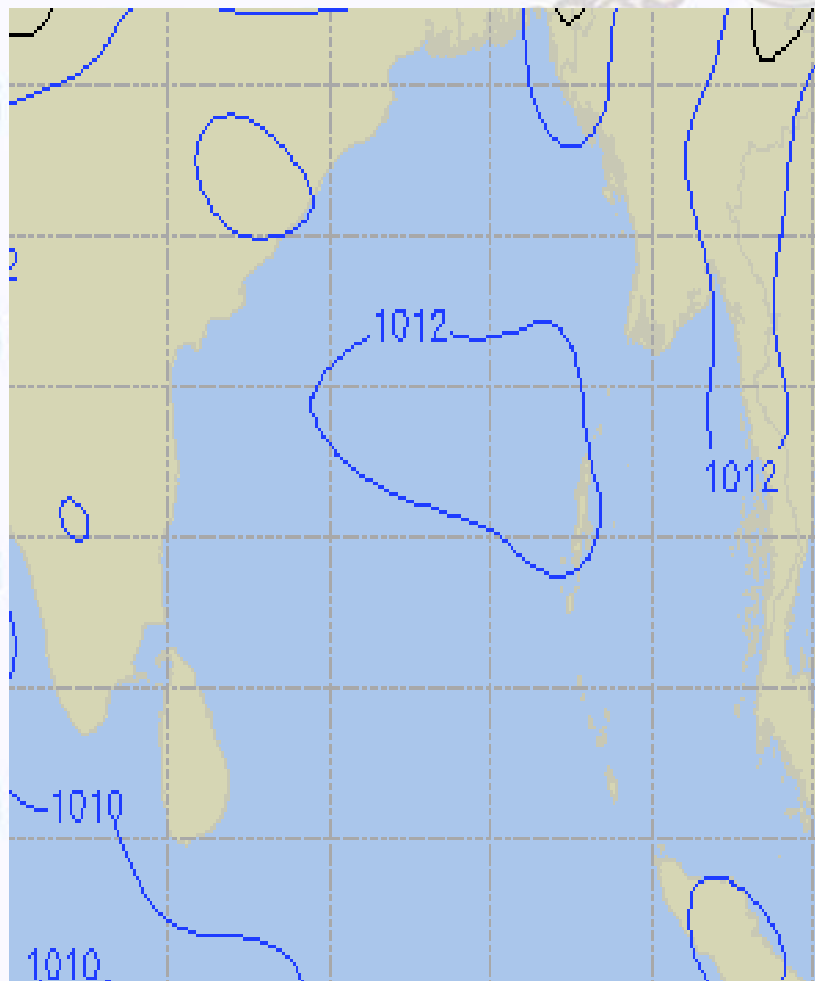




Surface Pressure forecast – 08 & 09 Mar - 2020

08 Mar 2020 Sunday

09 Mar 2020 Monday

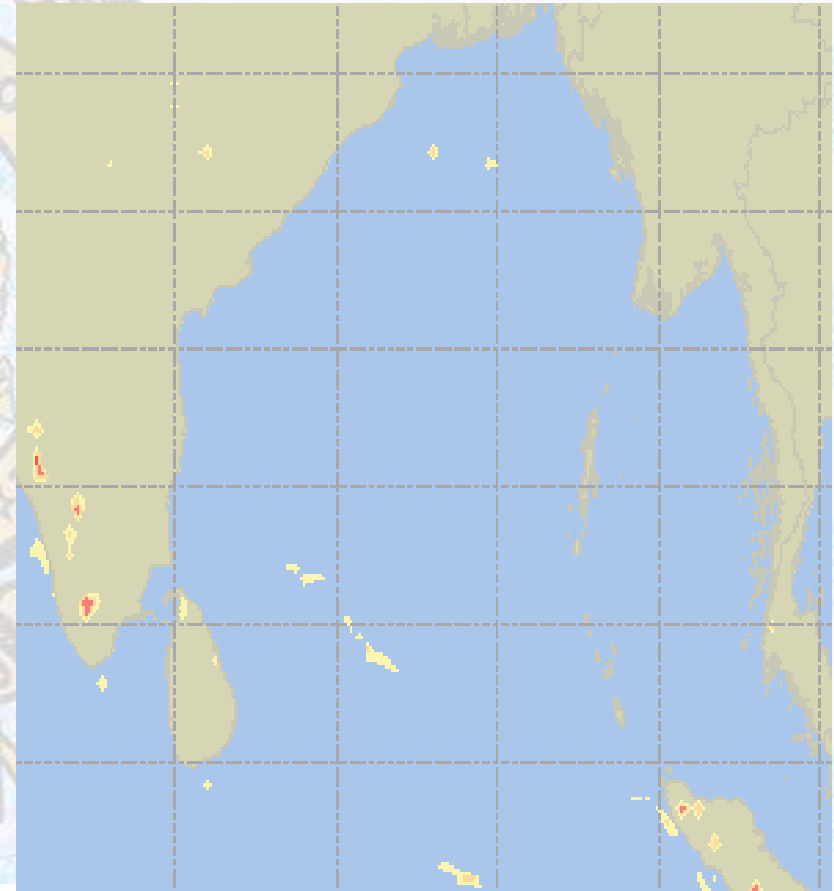
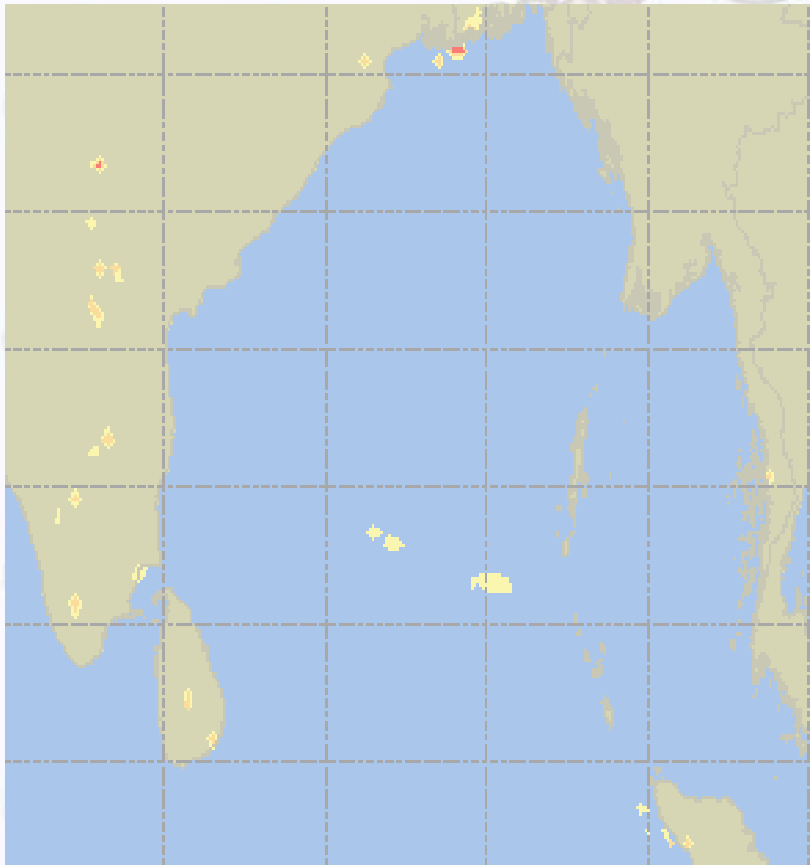




Visibility at Sea Forecast – 08 & 09 Mar - 2020

08 Mar 2020 Sunday

09 Mar 2020 Monday



Visibility Scale:



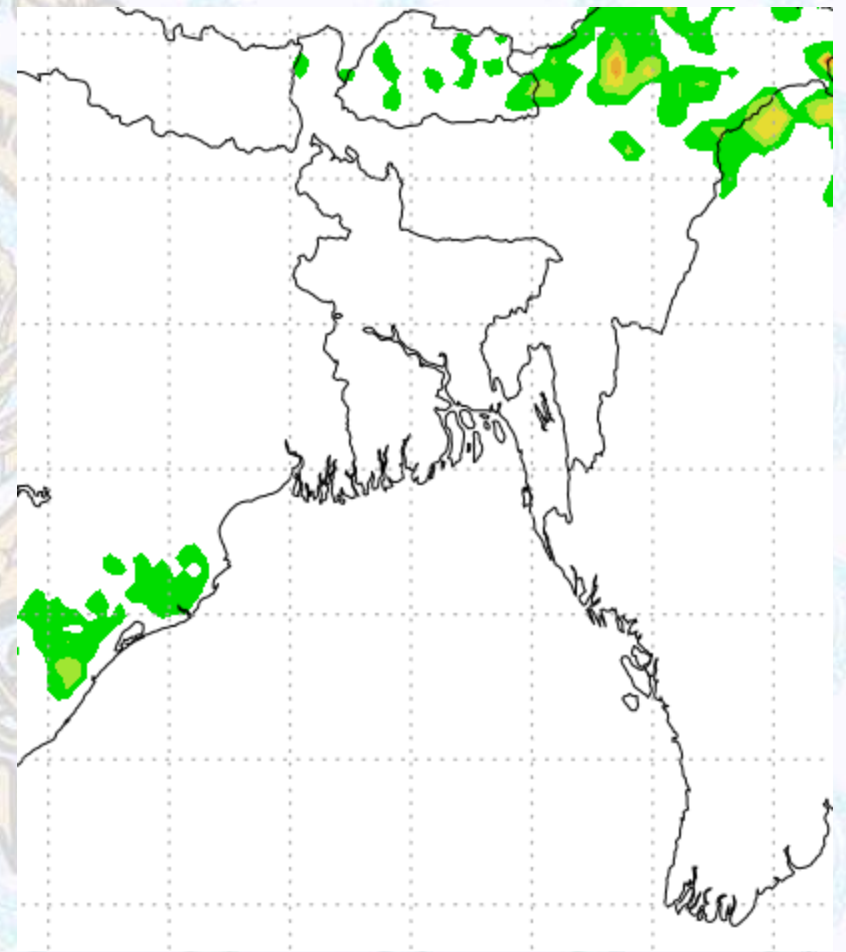
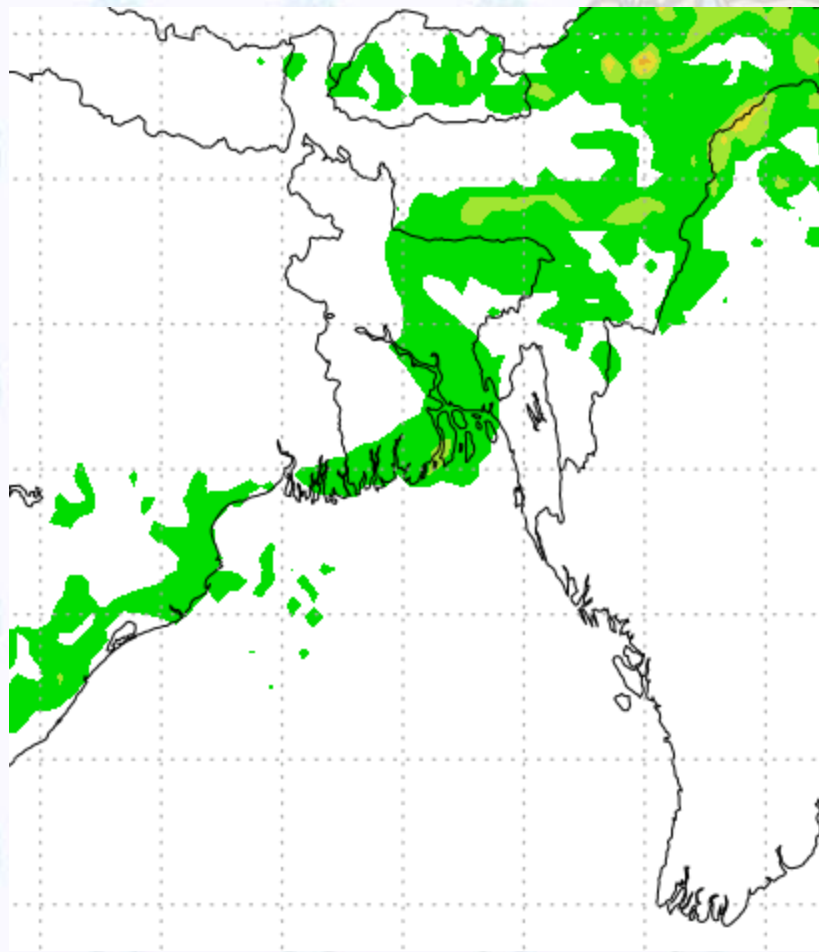
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 08 & 09 Mar 2020

Rain(mm) 09 & 10 Mar 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

08 Mar 2020	Time	Height		Time	Height		Time	Height
	0631	0.62		0400	0.37		0401	0.49
	1213	3.88		0938	2.98		0957	2.60
	1839	0.62		1617	0.30		1606	0.41
	-	-		2202	3.42		2212	2.92
09 Mar 2020	Time	Height		Time	Height		Time	Height
	0019	4.36		0446	1.17		0442	0.25
	0714	0.40		1021	3.26		1039	2.81
	1252	4.16		1703	0.13		1651	0.24
	1924	0.44		2224	3.60		2252	3.03
10 Mar 2020	Time	Height		Time	Height		Time	Height
	0100	4.52		0528	0.02		0520	0.08
	0753	0.23		1103	3.44		1118	2.95
	1330	4.37		1745	0.03		1732	0.14
	2005	0.30		2324	3.67		2331	3.06