



WEATHER FORECAST FOR BN

19 MAR - 22 MAR 2021



WEATHER FORECAST – DHAKA

19.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 17	31 / 18	28 / 18	27 / 16
Wind	8 km/h WNW	11 km/h WNW	4 km/h NNE	3 m/h S
Humidity	46%	43%	52%	53%
Chance of Precip	1%	1%	1%	2%
Cloud Cover	68%	60%	56%	53%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	06: 03 AM 18: 09 PM			

Conditions

Pressure : 1010 hpa

Visibility : 1.22 km

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



WEATHER FORECAST – CHATTOGRAM

19.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 20	30 / 21	27 / 23	26 / 22
Wind	12 km/h W	13 km/h W	10 km/h W	6 km/h NW
Humidity	49%	49%	64%	28%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	35%	21%	22%	24%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise	05: 57 AM			
Sunset	18: 03 PM			

Conditions

Pressure : 1010 hpa

Visibility : 03.22 Km

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



WEATHER FORECAST – KHULNA

19.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 17	34 / 17	29 / 20	27 / 22
Wind	8 km/h NW	8 km/h NW	5 km/h SSW	5 m/h SW
Humidity	39%	37%	55%	51%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	60%	65%	60%	69%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	06: 06 AM 18: 13 PM			

Conditions

Pressure : 1010 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	20 Mar 2021	21 Mar 2021	22 Mar 2021
Temperature (C)	35 °C/ 25 °C	35 °C/ 24 °C	35 °C/ 24 °C
Summary	Partly Cloudy	Partly Cloudy	Sunny
Sun Rise/Set	6h 02m18s/18h10m00s	6h 01m12s/18h10m30s	6h 00m06s/18h10m48s
Day Length	12h07m42s	12h09m18s	12h10m42s
Moon Rise/ Set	10:13AM 12:00AM	11:01AM 12:09AM	11:51AM 1:02AM
Moon Phase/ illu	Waxing Crescent, 34%	First Quarter, 44%	Waxing Gibbous, 54%
Nautical Twilight	05:15,18:57	05:15,18:57	05:15,18:57
Civil Twilight	05:42,18:31	05:42,18:31	05:42,18:31
Humidity	D : 51% N : 64%	D : 51% N : 54%	D : 50% N : 60%
Barometer (mb)	1008	1007	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	3%	2%	2%
Wind (km/hr)	10 Km/h, W	9 Km/h, NW	9 Km/h, NNW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	20 Mar 2021	21 Mar 2021	22 Mar 2021
Temperature (C)	32 °C / 23 °C	32 °C / 24 °C	34 °C / 23 °C
Summary	Partly Cloudy	Partly Cloudy	Sunny
Sun Rise/Set	5h56m36s/ 18h04m12s	5h55m36s/ 18h04m36s	5h54m36s/ 18h05m00s
Day Length	12h07m36s	12h09m00s	12h10m24s
Moon Rise/ Set	10:13AM 12:00AM	11:01AM 12:09AM	11:51AM 1:02AM
Moon Phase/ illu	Waxing Crescent, 34%	First Quarter, 44%	Waxing Gibbous, 54%
Nautical Twilight	05:10, 18:51	05:10, 18:51	05:10, 18:51
Civil Twilight	05:36, 18:25	05:36, 18:25	05:36, 18:25
Humidity	D : 67% N : 87%	D : 66% N : 78%	D : 66% N : 78%
Barometer (mb)	1008	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	3%	4%	2%
Wind (km/hr)	12 Km/h, WNW	12 Km/h, NW	13 Km/h, NW

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



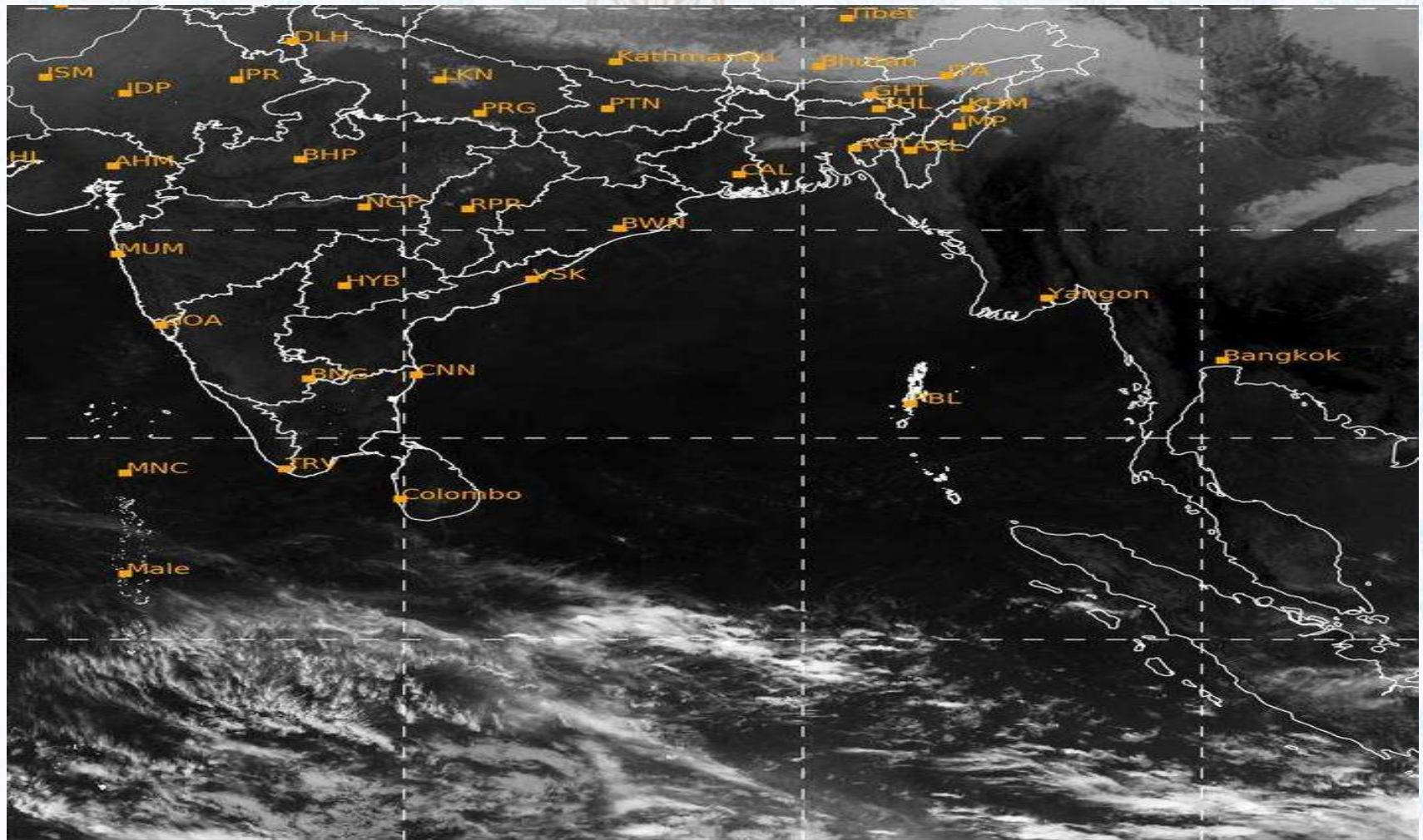
GENERAL WEATHER FORECAST – KHULNA

Description	20 Mar 2021	21 Mar 2021	22 Mar 2021
Temperature(C)	35°C/ 25°C	35°C/ 25°C	36°C/ 25°C
Summary	Partly Cloudy	Partly Cloudy	Sunny
Sun Rise/Set	6h05m42s/ 18h13m24s	6h04m42s/ 18h13m48s	6h03m36s/ 18h14m06s
Day Length	12h 07m 42s	12h 09m 06s	12h 10m 30s
Moon Rise/Set	10:13AM 12:00AM	11:01AM 12:09AM	11:51AM 1:02AM
Moon Phase/illu	Waxing Crescent, 34%	First Quarter, 44%	Waxing Gibbous, 54%
Nautical Twilight	05:19, 19:00	05:19, 19:00	05:19, 19:00
Civil Twilight	05:45, 18:34	05:45, 18:34	05:45, 18:34
Humidity	D : 54% N : 77%	D : 54% N : 79%	D : 54% N : 76%
Barometer (mb)	1007	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	4%	4%	4%
Wind (km/hr)	9 Km/h, W	9 Km/h, NW	8 Km/h, NNW

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



SATELLITE VIEW OF BAY OF BENGAL

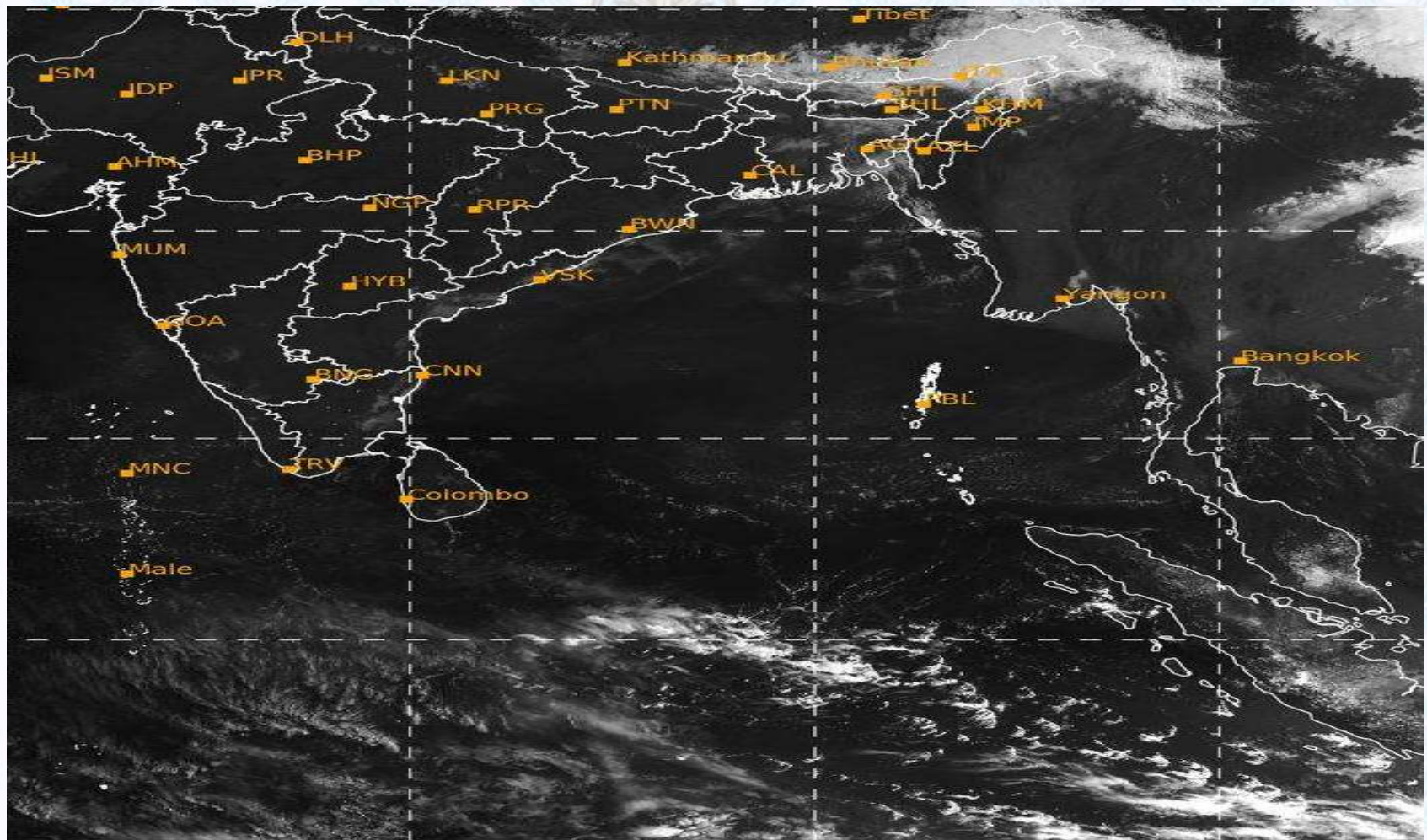


19/03/2021, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



19/03/2021, 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 19.03.2021)

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 = 19,0000 UTC. CHATTOGRAM =1010 HPA



Inland River Port Warning (VALID TILL 06 PM OF 19.03.2020)

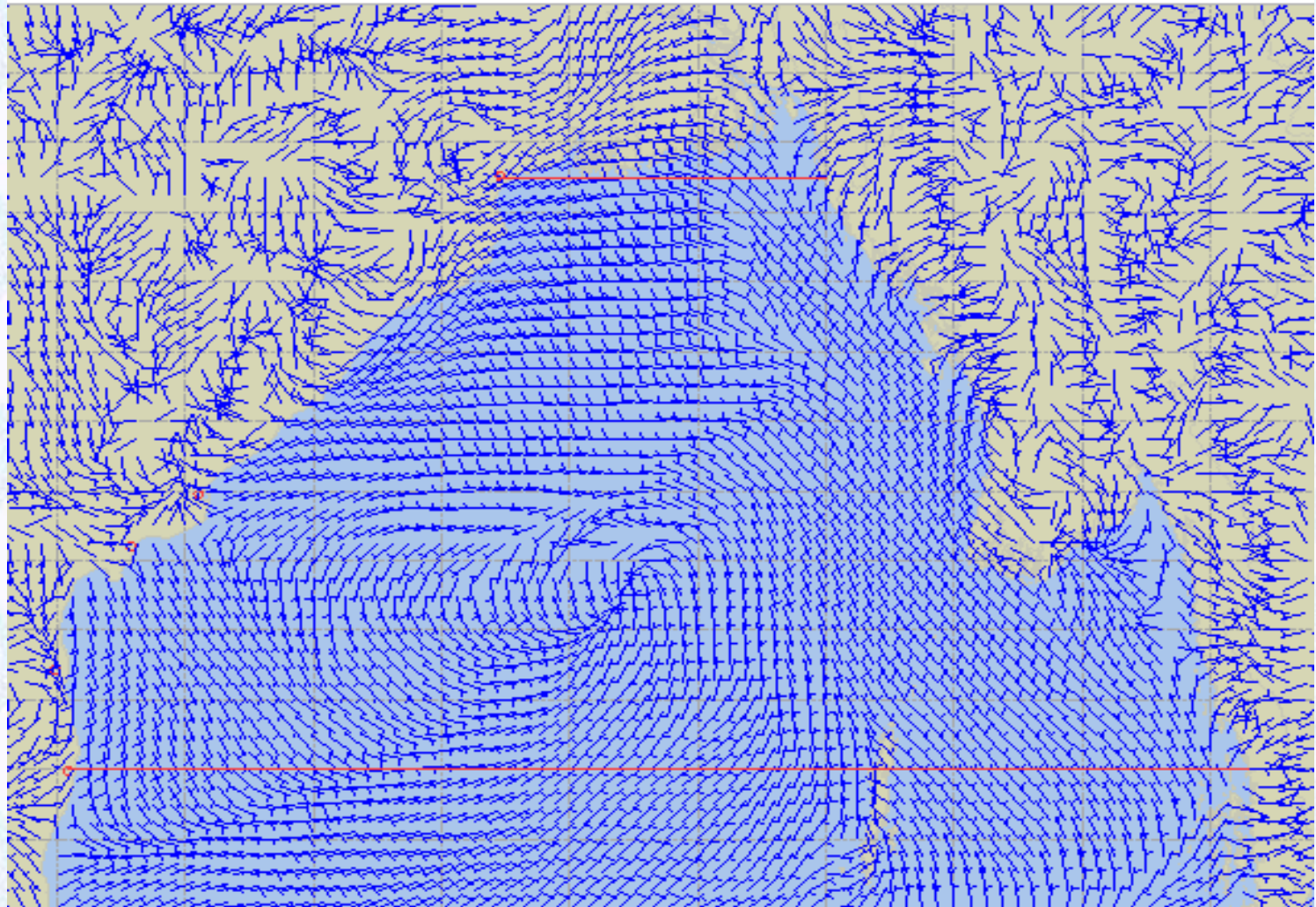
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 20 Mar - 2021



Legend:



**Calm
Winds**



5 Knots



10 Knots



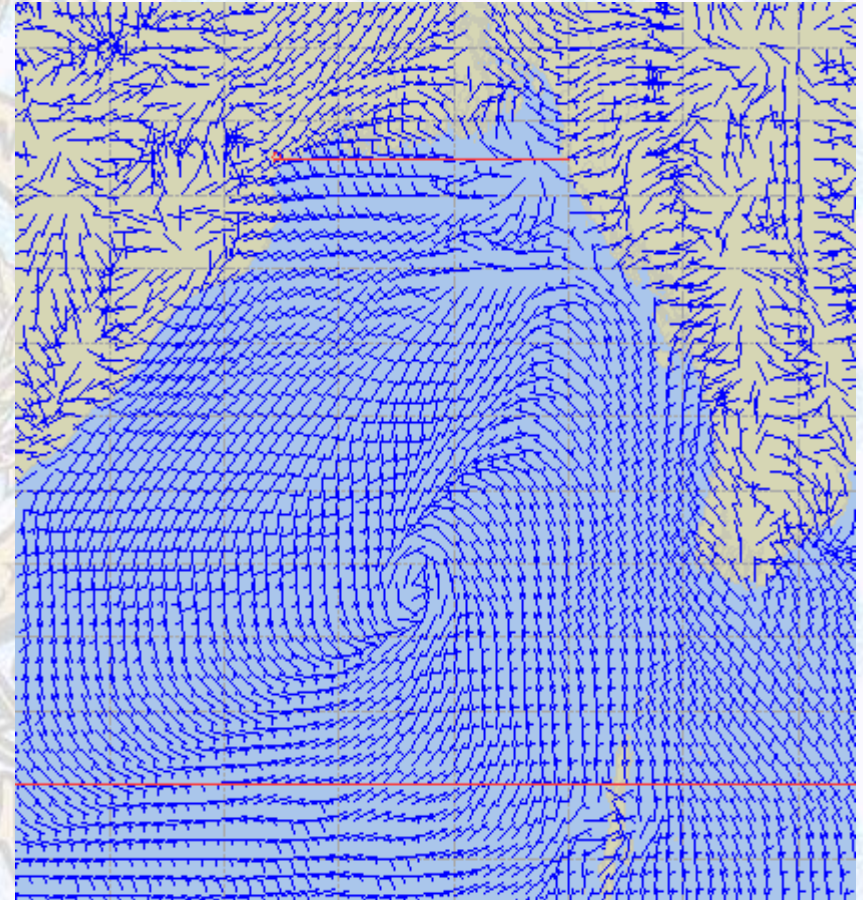
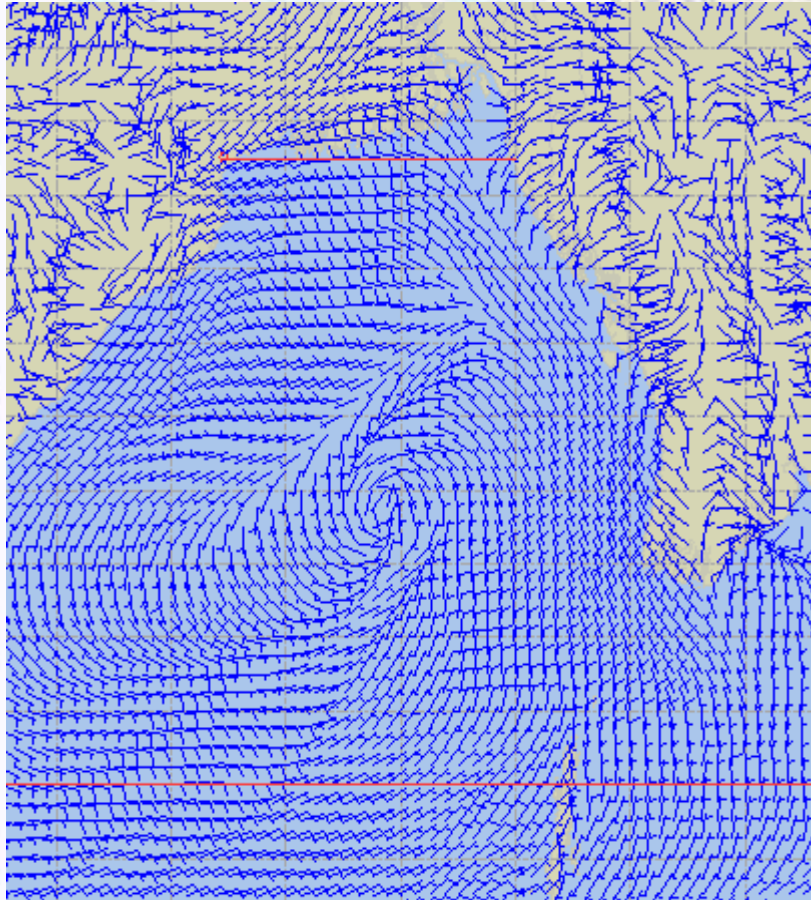
60 Knots



Surface Wind Forecast – 21 & 22 Mar - 2021

21 Mar 21 Sunday

22 Mar 21 Monday



Legend:



Calm
Winds



5 Knots



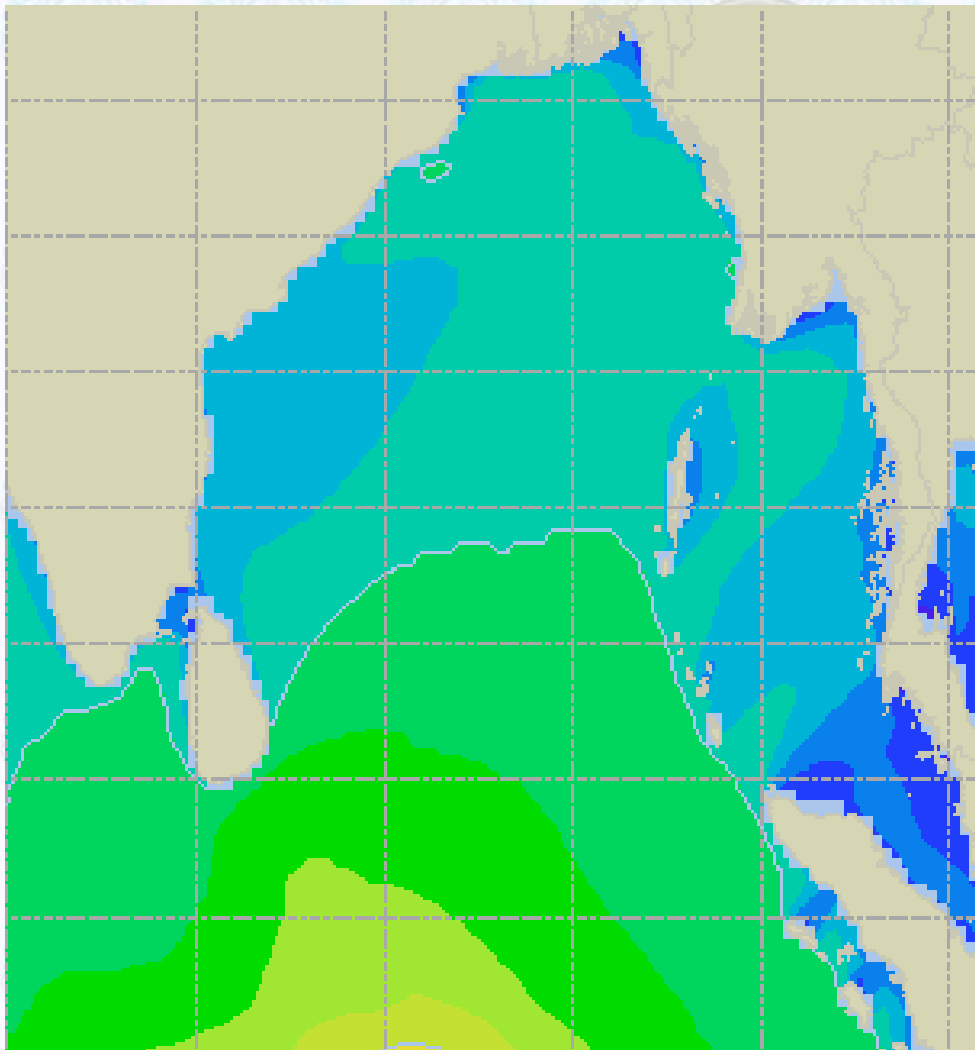
10 Knots



60 Knots



Sea State Forecast – 20 Mar - 2021



Sea State	Ht (m)
0	0
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

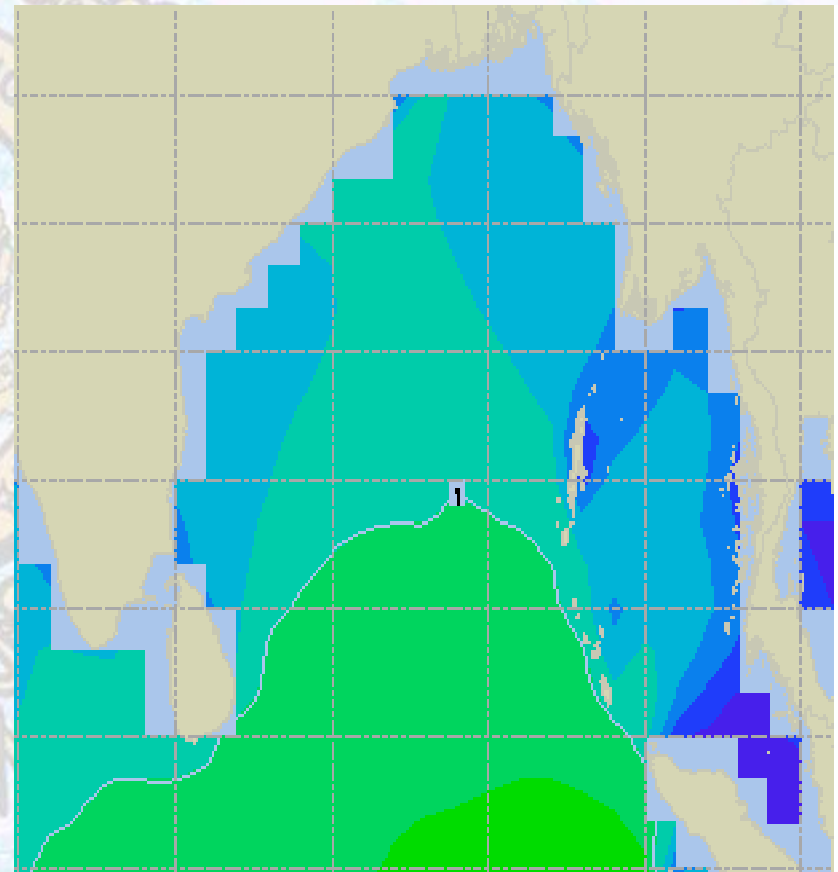
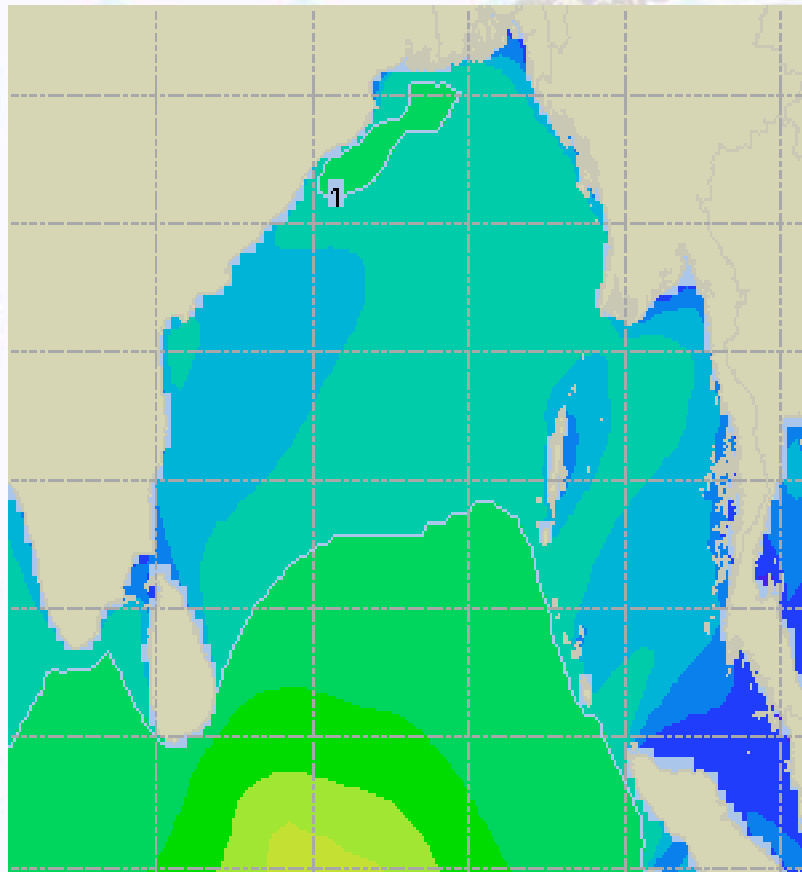




Sea State Forecast – 21 & 22 Mar - 2021

21 Mar 21 Sunday

22 Mar 21 Monday

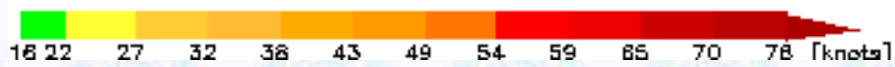
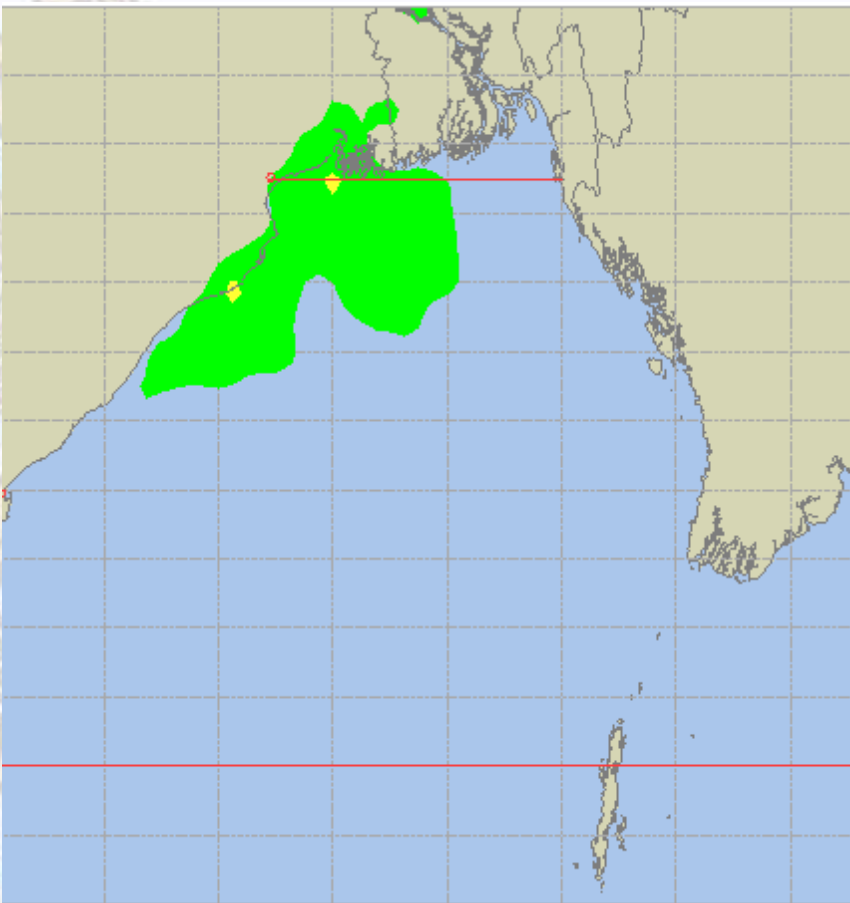
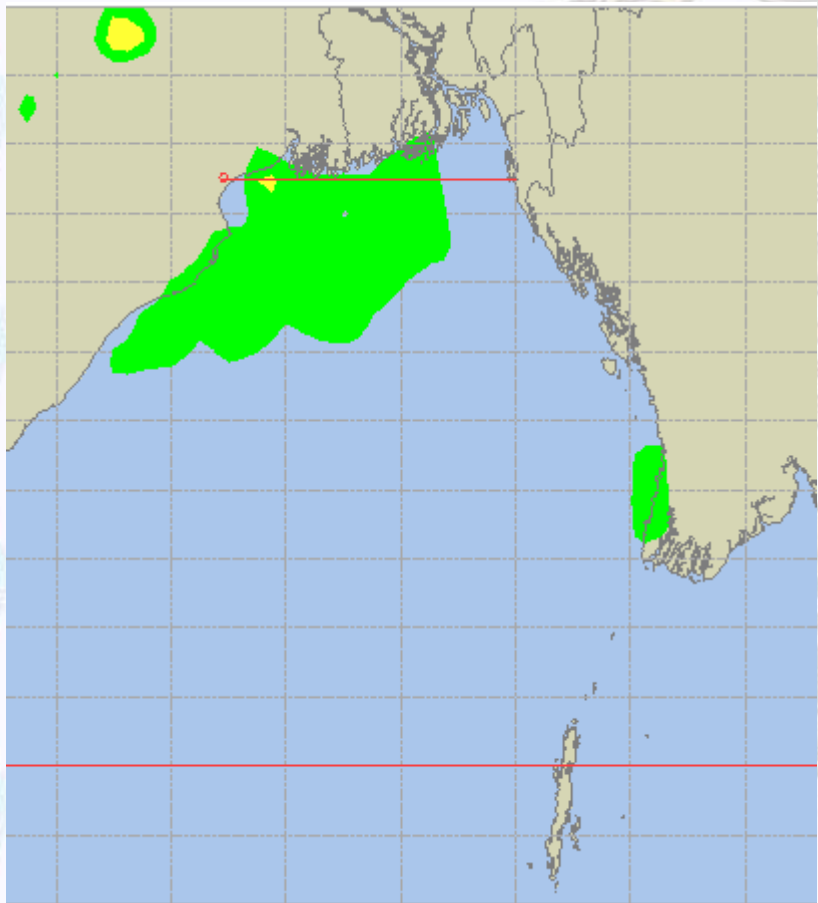




Peak Gusting Possibilities– 20 & 21 Mar 2021

20 Mar 21 Saturday

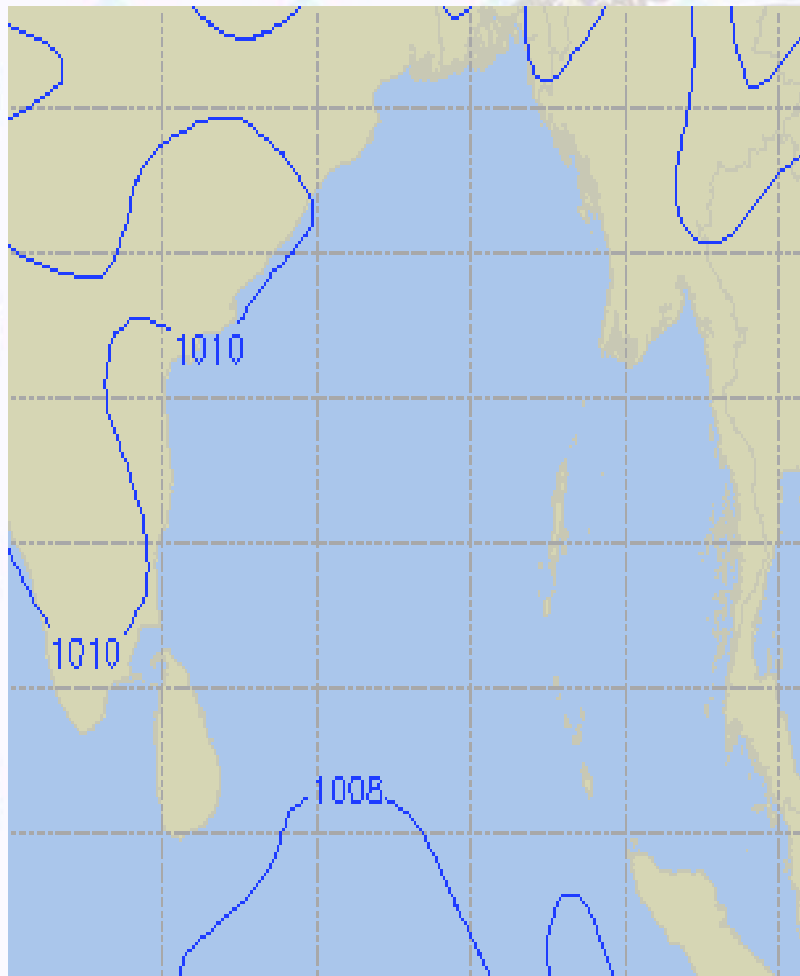
21 Mar 21 Sunday



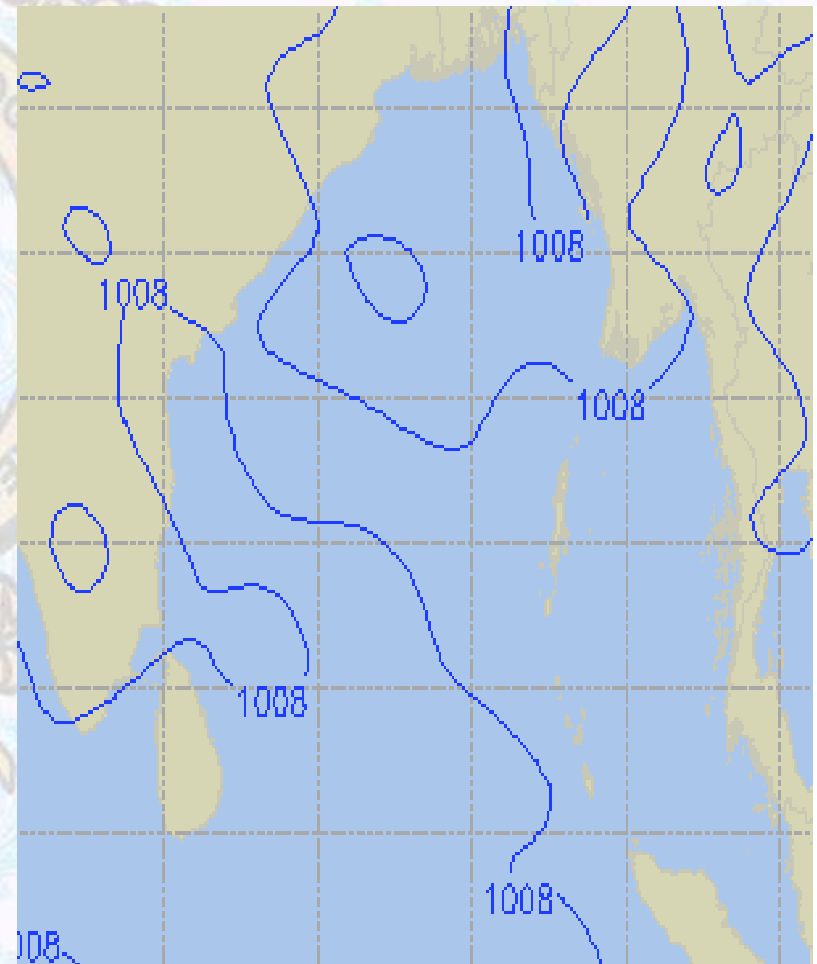


Surface Pressure forecast – 20 & 21 Mar 2021

20 Mar 21 Saturday



21 Mar 21 Sunday

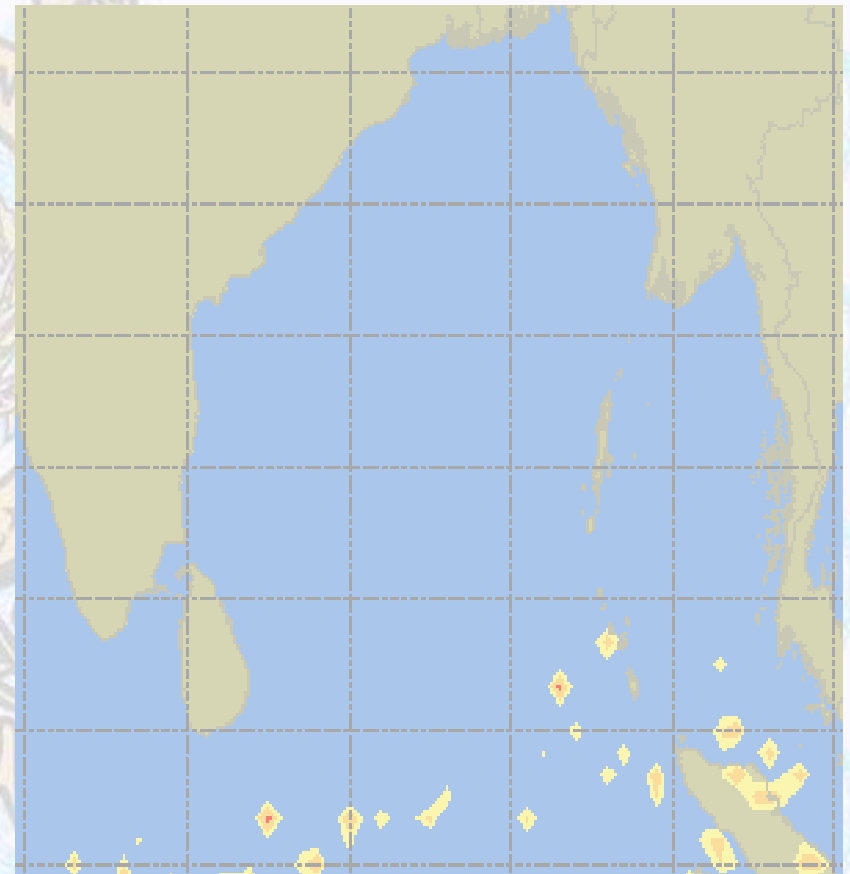
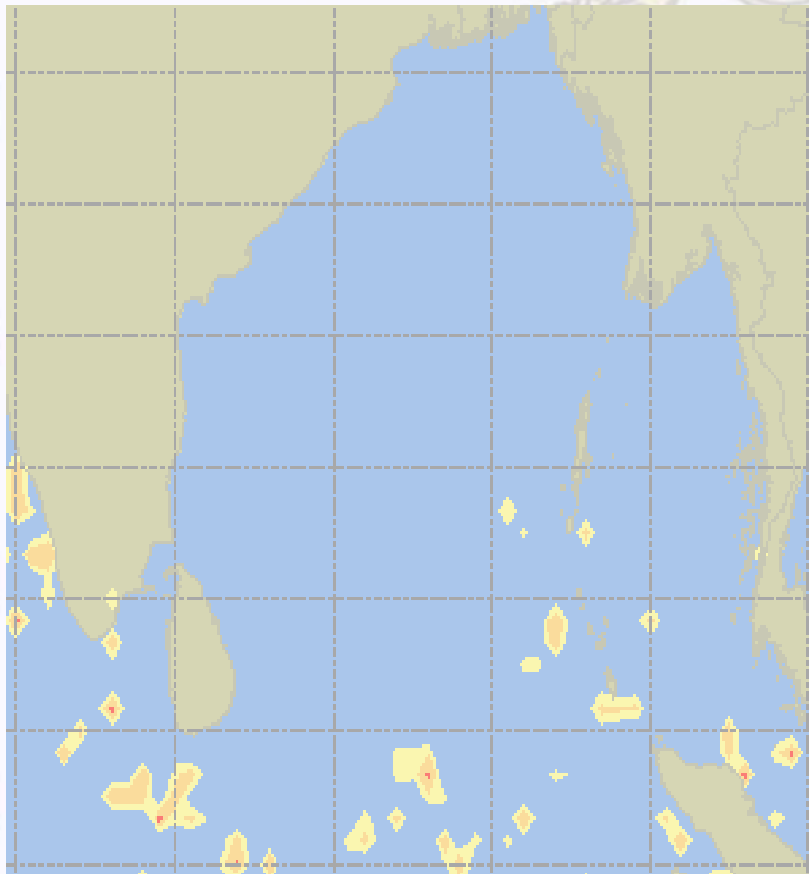




Visibility at Sea Forecast – 20 & 21 Mar 2021

20 Mar 21 Saturday

21 Mar 21 Sunday



Visibility Scale:



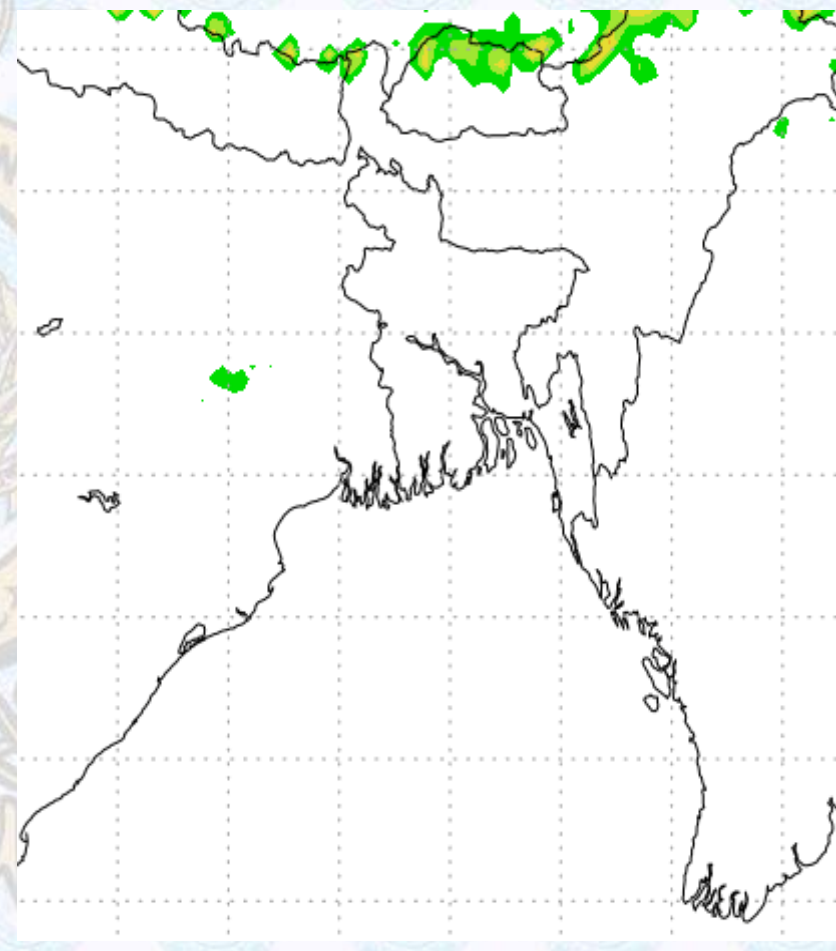
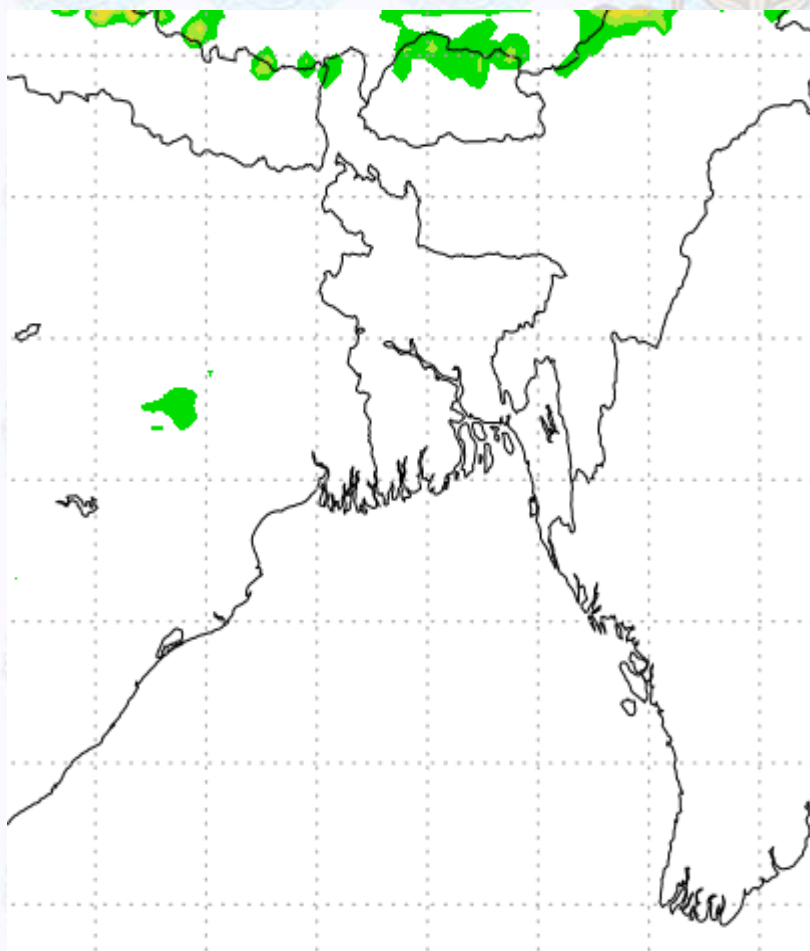
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 20 & 21 Mar 21

Rain(mm) 21 & 22 Mar 21



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0433		3.55			0217	2.47
20 Mar 2021	1047	0.75		0829	0.57		0808	0.76
	1658	3.70		1443	2.50		1432	2.38
	2323	1.06		2102	0.74		2047	1.07
	Time	Height		Time	Height		Time	Height
		0524		3.22			0258	2.24
21 Mar 2021	1132	1.06		0908	0.76		0849	0.95
	1757	3.47		1532	2.32		1525	2.24
	-	-		2155	0.93		2147	1.25
	Time	Height		Time	Height		Time	Height
		0023		1.31			0353	2.03
22 Mar 2021	0633	2.93		1006	0.95		0955	1.13
	1238	1.36		1646	2.20		1641	2.15
	1916	3.33		2317	1.08		2330	1.33