



# WEATHER FORECAST FOR BN

***13 MAR - 16 MAR 2021***





# WEATHER FORECAST – DHAKA

## 13.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 23	32 / 22	29 / 22	27 / 22
Wind	8 km/h SW	10 km/h WSW	3 km/h SE	6 m/h NNW
Humidity	63%	56%	67%	73%
Chance of Precip	7%	4%	3%	4%
Cloud Cover	30%	38%	32%	46%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	06: 09 AM 18: 06 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 4.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 13.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 24	29 / 24	25 / 25	25 / 24
Wind	12 km/h WNW	11 km/h WSW	5 km/h W	8 km/h NNW
Humidity	50%	53%	77%	77%
Chance of Precip.	1%	1%	7%	8%
Cloud Cover	1%	1%	0%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 05 AM			
Sunset	18: 00 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 04.22 Km

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



# WEATHER FORECAST – KHULNA

## 13.03.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 22	33 / 21	29 / 23	26 / 24
Wind	7 km/h NW	8 km/h SSW	5 km/h SSW	4 m/h W
Humidity	44%	43%	70%	87%
Chance of Precip.	23%	2%	2%	7%
Cloud Cover	42%	47%	11%	7%
Conditions	Mostly Cloudy	Mostly Cloudy	Clear	Clear
Sunrise Sunset	06: 12 AM 18: 10 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 14.55 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	14 Mar 2021	15 Mar 2021	16 Mar 2021
<b>Temperature (C)</b>	32 °C/ 22 °C	33 °C/ 22 °C	33 °C/ 22 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h 08m12s/18h07m06s	6h 07m18s/18h07m36s	6h 06m18s/18h08m06s
<b>Day Length</b>	11h58m54s	12h00m18s	12h01m48s
<b>Moon Rise/ Set</b>	6:48AM 6:58PM	7:21AM 7:49PM	7:52AM 8:39PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 1%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>Nautical Twilight</b>	05:21, 18:55	05:21, 18:55	05:21, 18:55
<b>Civil Twilight</b>	05:47, 18:29	05:47, 18:29	05:47, 18:29
<b>Humidity</b>	D : 57% N : 69%	D : 57% N : 69%	D : 57% N : 69%
<b>Barometer (mb)</b>	1009	1008	1008
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	4%
<b>Wind (km/hr)</b>	12 Km/h, WNW	12 Km/h, NW	12 Km/h, W

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	14 Mar 2021	15 Mar 2021	16 Mar 2021
<b>Temperature (C)</b>	30 °C / 22 °C	30 °C / 22 °C	30 °C / 22 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h04m18s/ 18h00m48s	6h01m24s/ 18h02m00s	6h00m30s/ 18h02m30s
<b>Day Length</b>	11h56m30s	12h00m36s	12h02m06s
<b>Moon Rise/ Set</b>	6:48AM 6:58PM	7:21AM 7:49PM	7:52AM 8:39PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 1%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>Nautical Twilight</b>	05:16, 18:49	05:16, 18:49	05:16, 18:49
<b>Civil Twilight</b>	05:41, 18:23	05:41, 18:23	05:41, 18:23
<b>Humidity</b>	D : 66% N : 80%	D : 66% N : 80%	D : 66% N : 80%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	3%	4%	3%
<b>Wind (km/hr)</b>	13 Km/h, NW	13 Km/h, NW	14 Km/h, NW

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



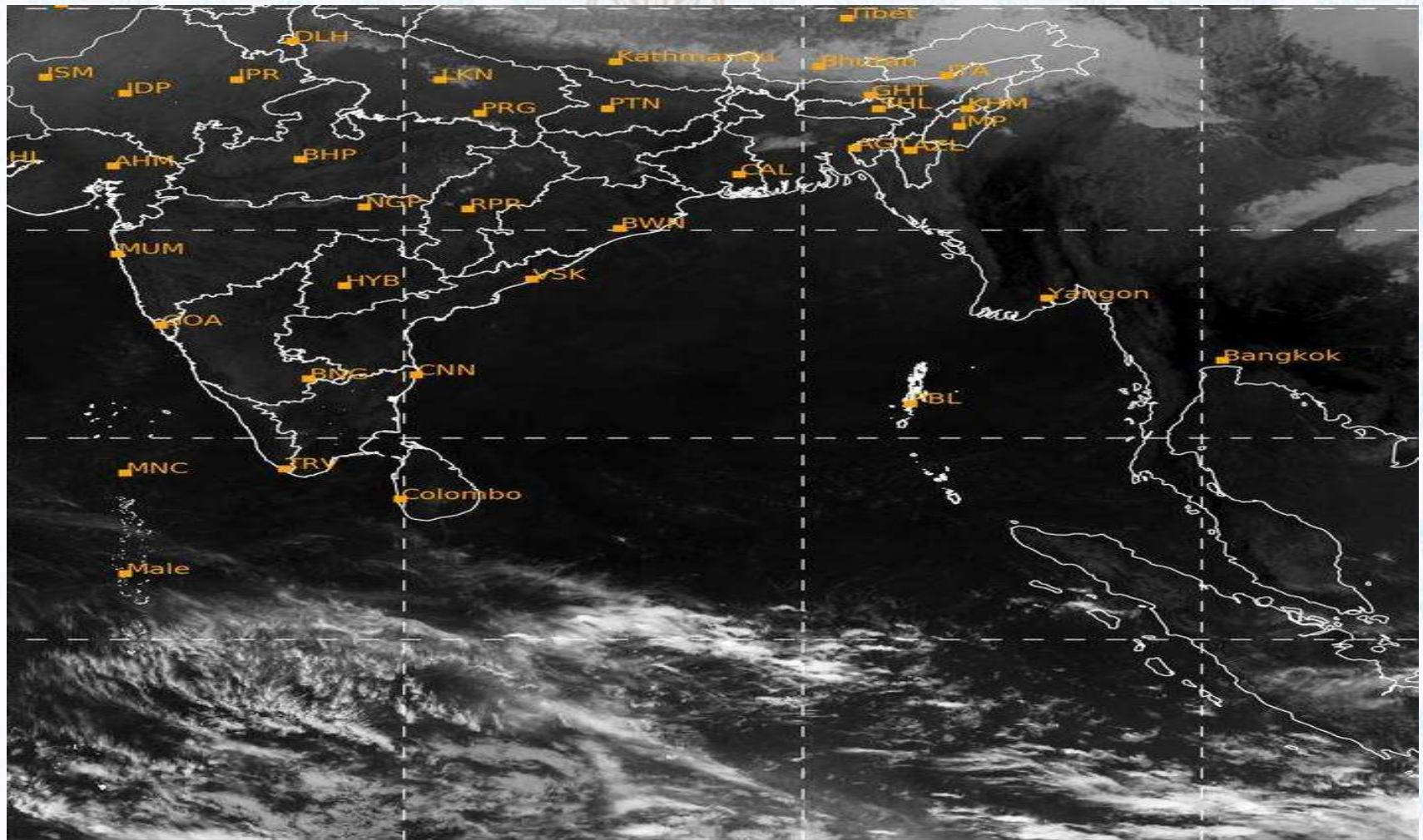
# GENERAL WEATHER FORECAST – KHULNA

Description	14 Mar 2021	15 Mar 2021	16 Mar 2021
<b>Temperature(C)</b>	33°C/ 22°C	33°C/ 23°C	34°C/ 23°C
<b>Summary</b>	Mostly Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h13m36s/ 18h09m48s	6h10m36s/ 18h11m06s	6h09m36s/ 18h11m36s
<b>Day Length</b>	11h56m12s	12h 00m 30s	12h 02m 10s
<b>Moon Rise/Set</b>	6:18AM 6:10AM	7:21AM 7:49PM	7:52AM 8:39PM
<b>Moon Phase/illu</b>	New Moon, 0%	Waxing Crescent, 5%	Waxing Crescent, 10%
<b>Nautical Twilight</b>	05:25, 18:59	05:25, 18:59	05:25, 18:59
<b>Civil Twilight</b>	05:51, 18:32	05:51, 18:32	05:51, 18:32
<b>Humidity</b>	D : 60% N : 77%	D : 60% N : 77%	D : 60% N : 77%
<b>Barometer (mb)</b>	1013	1013	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	7%	6%	6%
<b>Wind (km/hr)</b>	9 km/h, NW	10 km/h, WNW	10 km/h, WNW

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



# SATELLITE VIEW OF BAY OF BENGAL



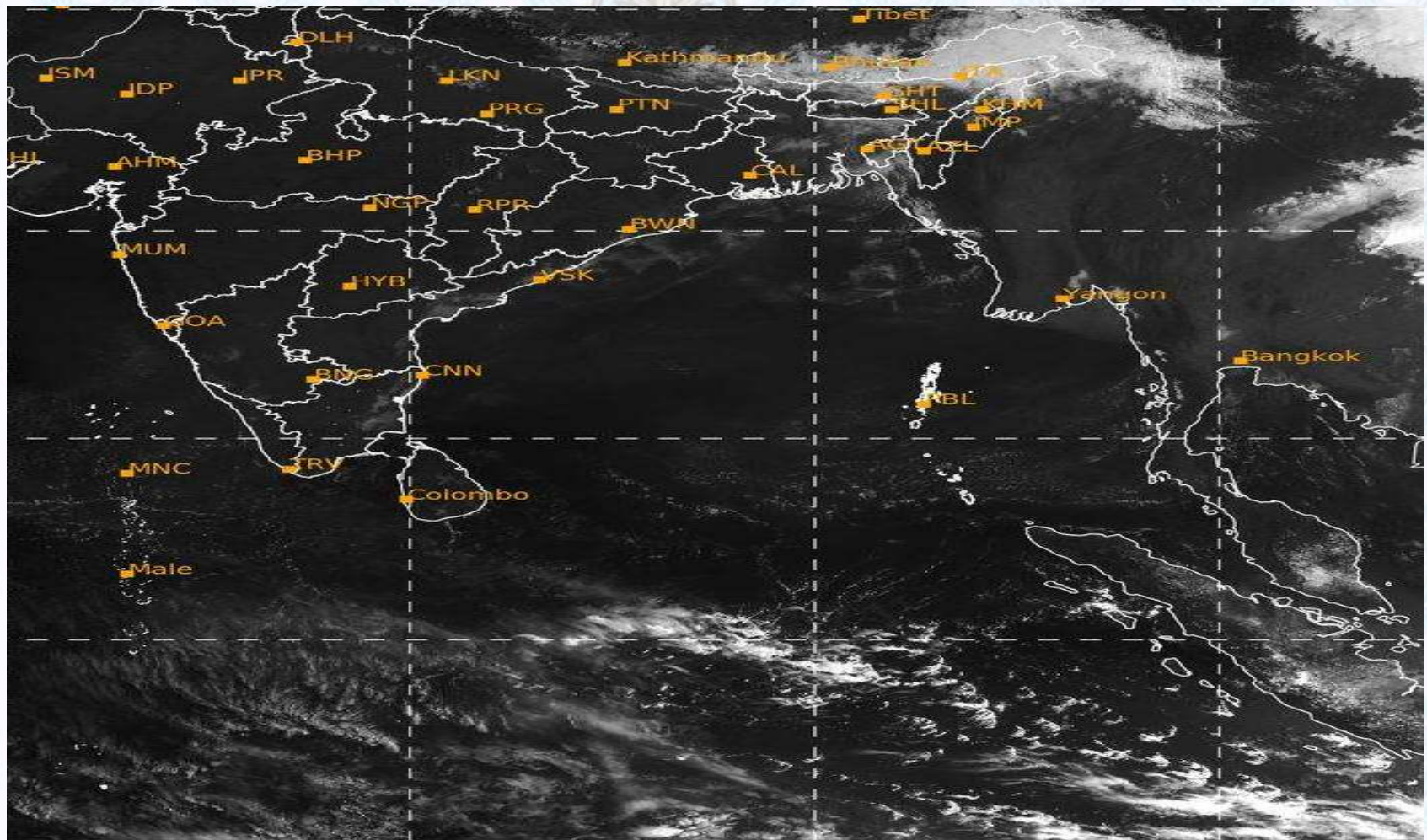
13/03/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



13/03/2021, 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 13.03.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	W/NW'LY, 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 = 13,0000 UTC. CHATTOGRAM =1015 HPA



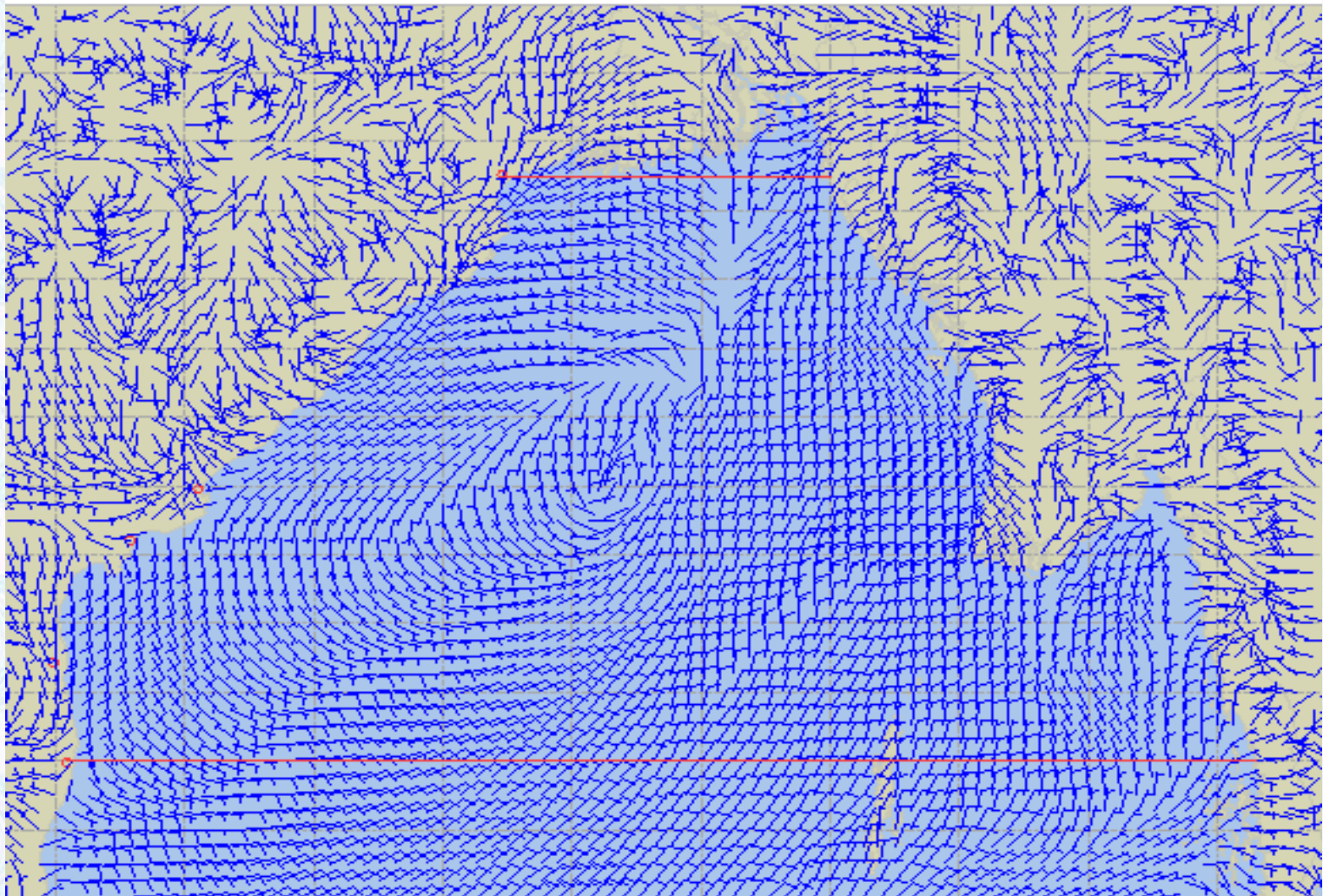
## **Inland River Port Warning** **(VALID TILL 06 PM OF 13.03.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **W/NW'LY** GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KUSHTIA AND KHULNA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY **SIGNAL NO. ONE (R) ONE.**

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



# Surface Wind Forecast- 14 Mar - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



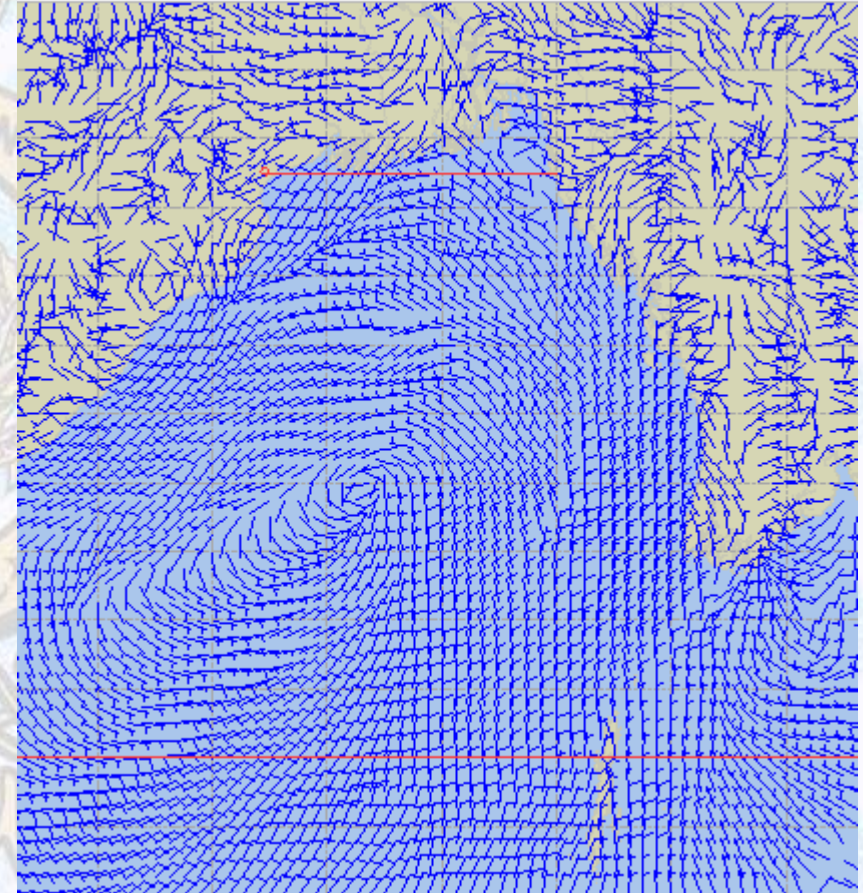
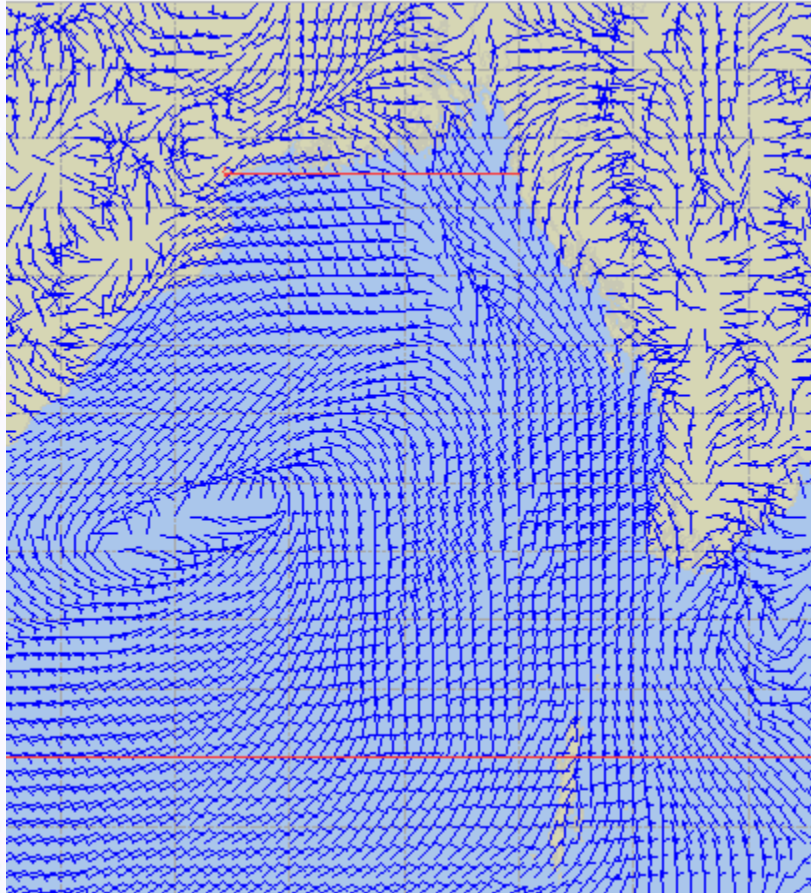
**60 Knots**



# Surface Wind Forecast – 15 & 16 Mar - 2021

15 Mar 21 Monday

16 Mar 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



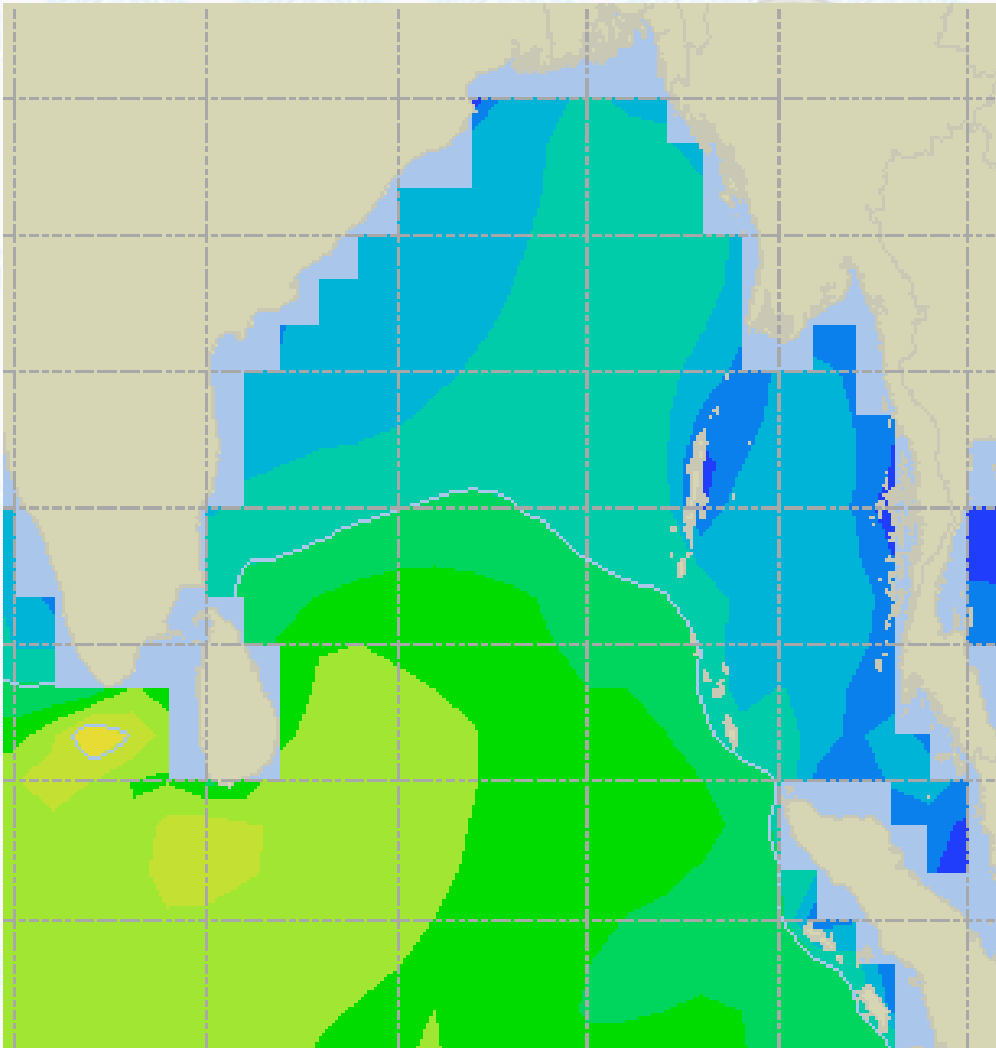
10 Knots



60 Knots



# Sea State Forecast – 14 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

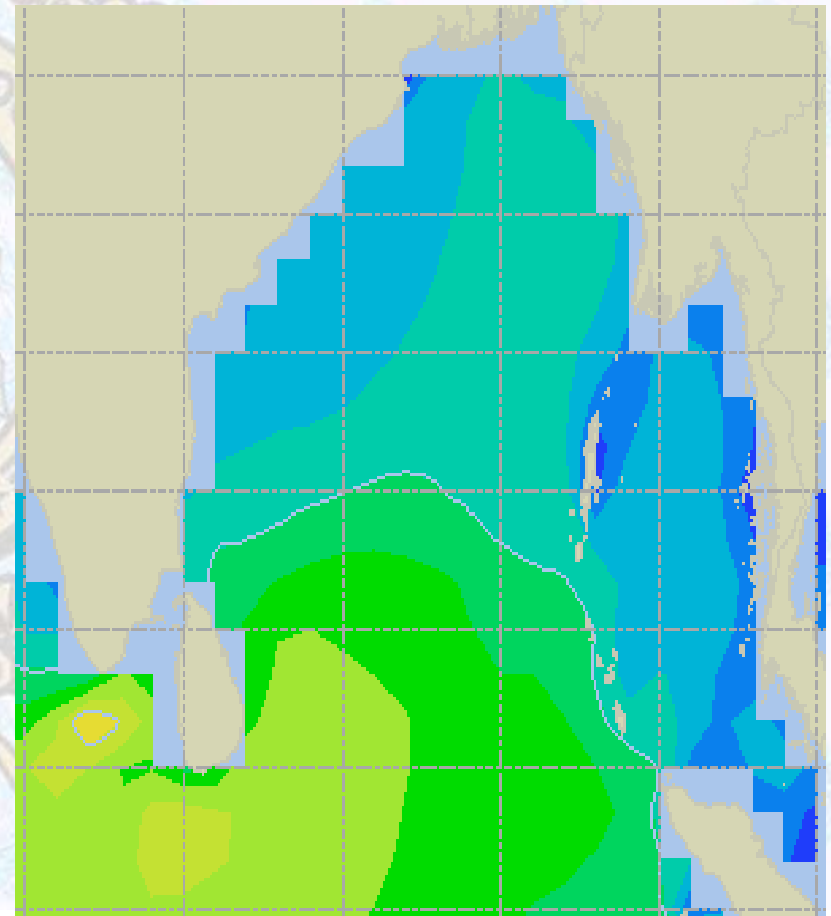
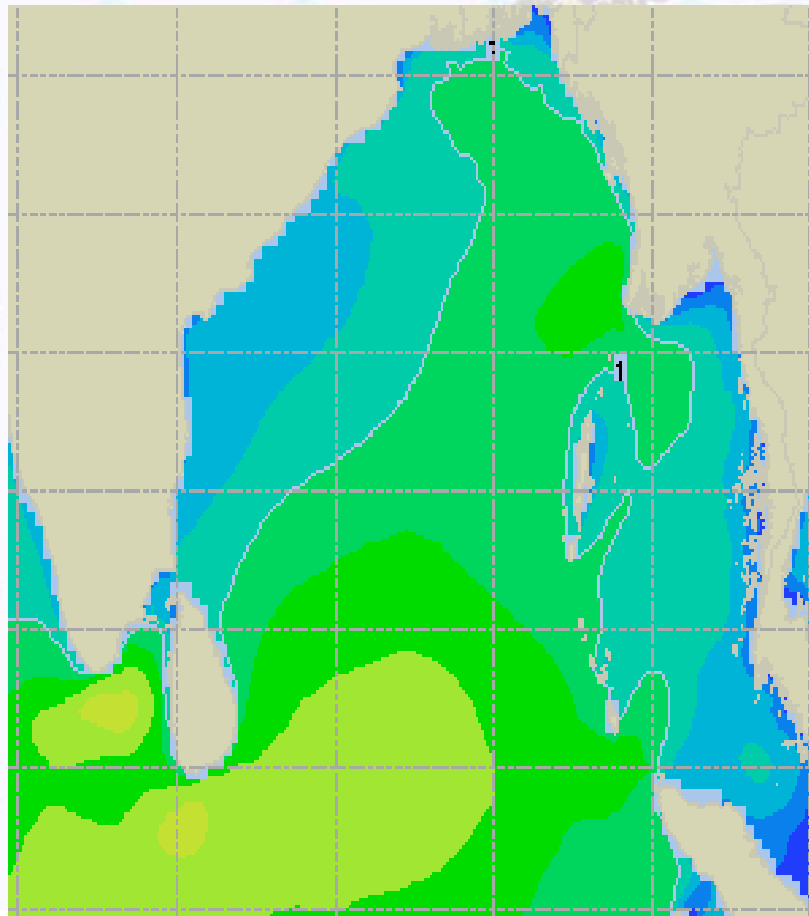




# Sea State Forecast – 15 & 16 Mar - 2021

15 Mar 21 Monday

16 Mar 21 Tuesday

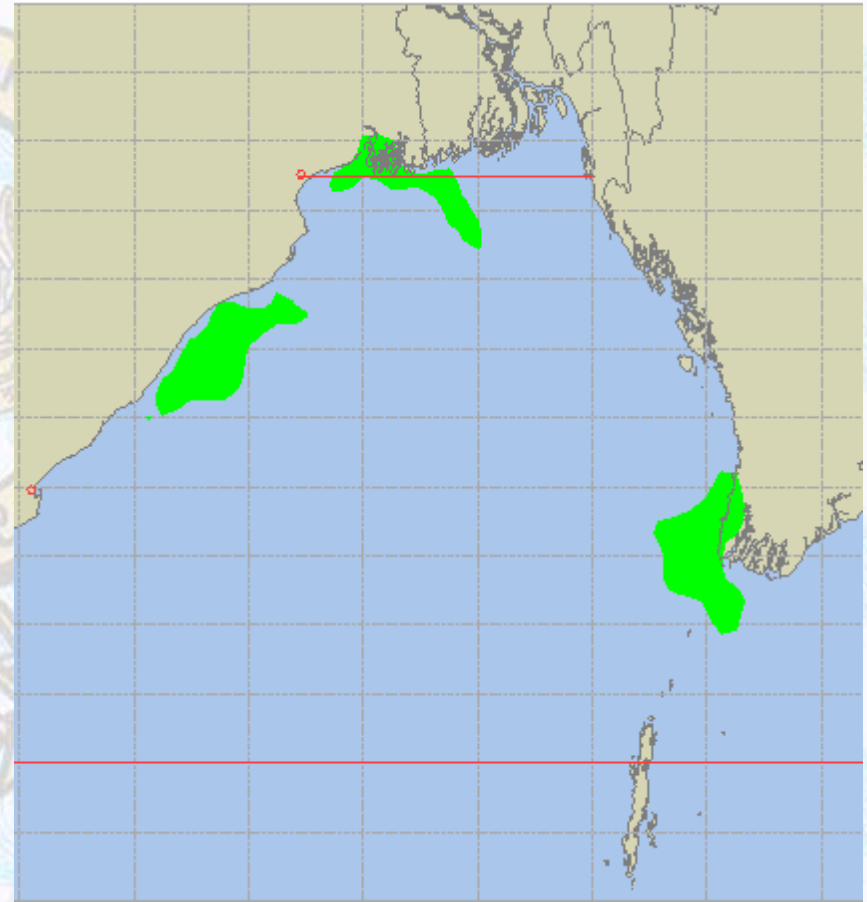
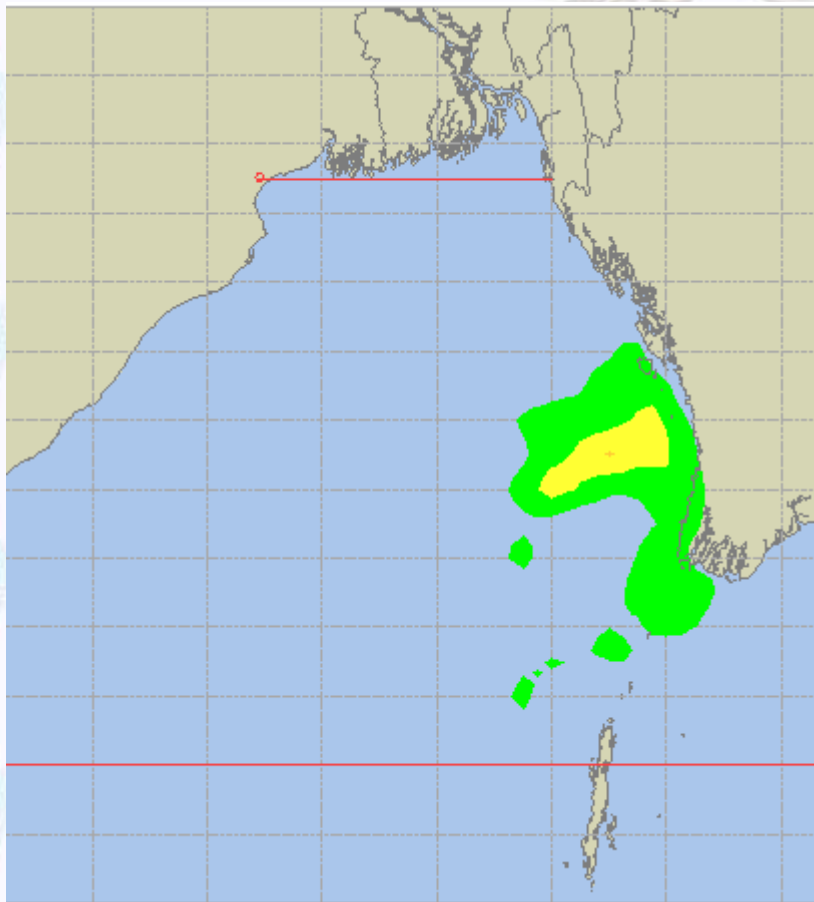




# Peak Gusting Possibilities– 14 & 15 Mar 2021

14 Mar 21 Sunday

15 Mar 21 Monday

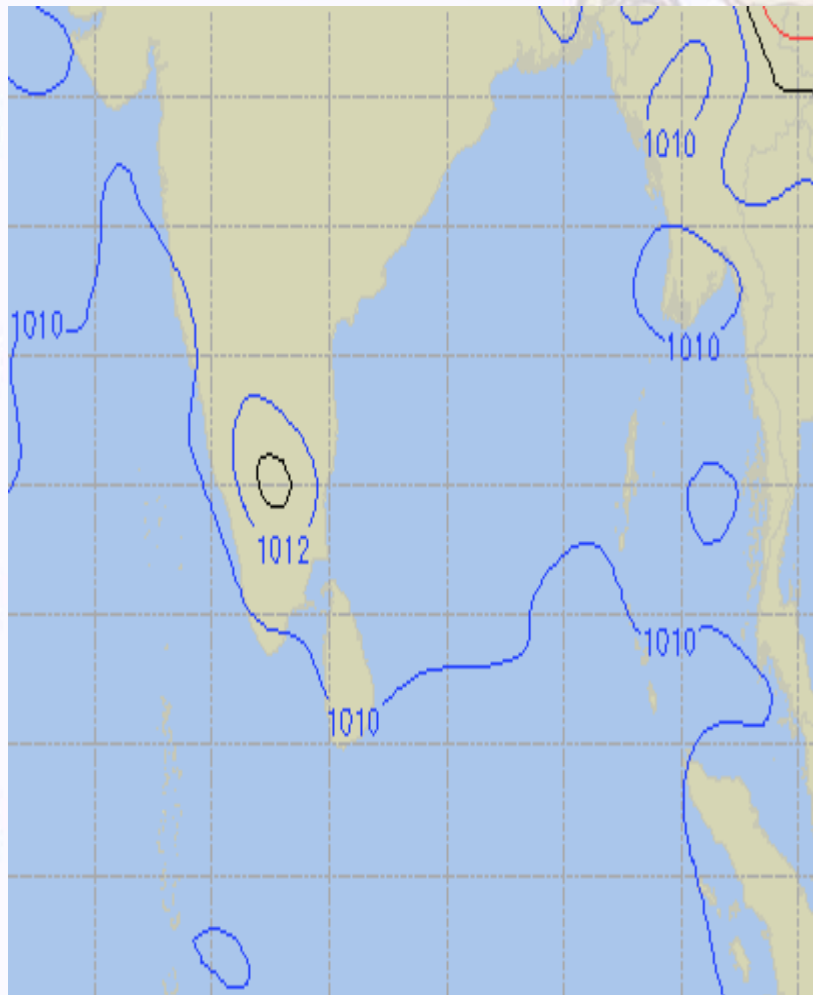




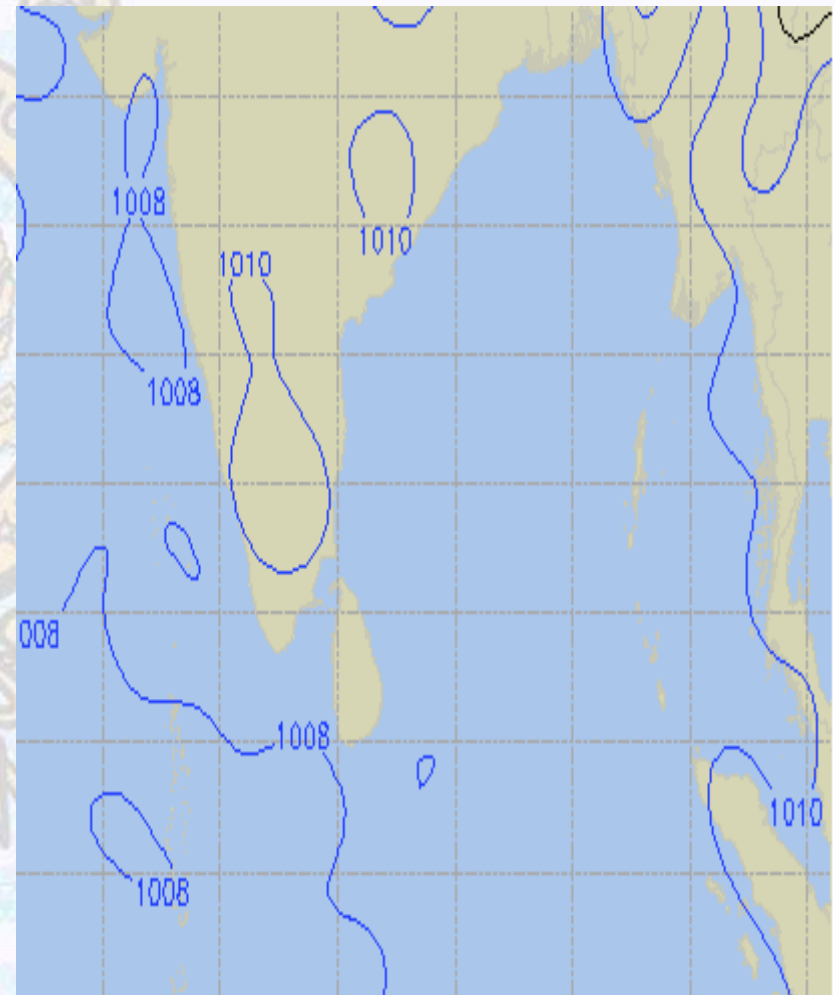


# Surface Pressure forecast – 14 & 15 Mar 2021

14 Mar 21 Sunday



15 Mar 21 Monday

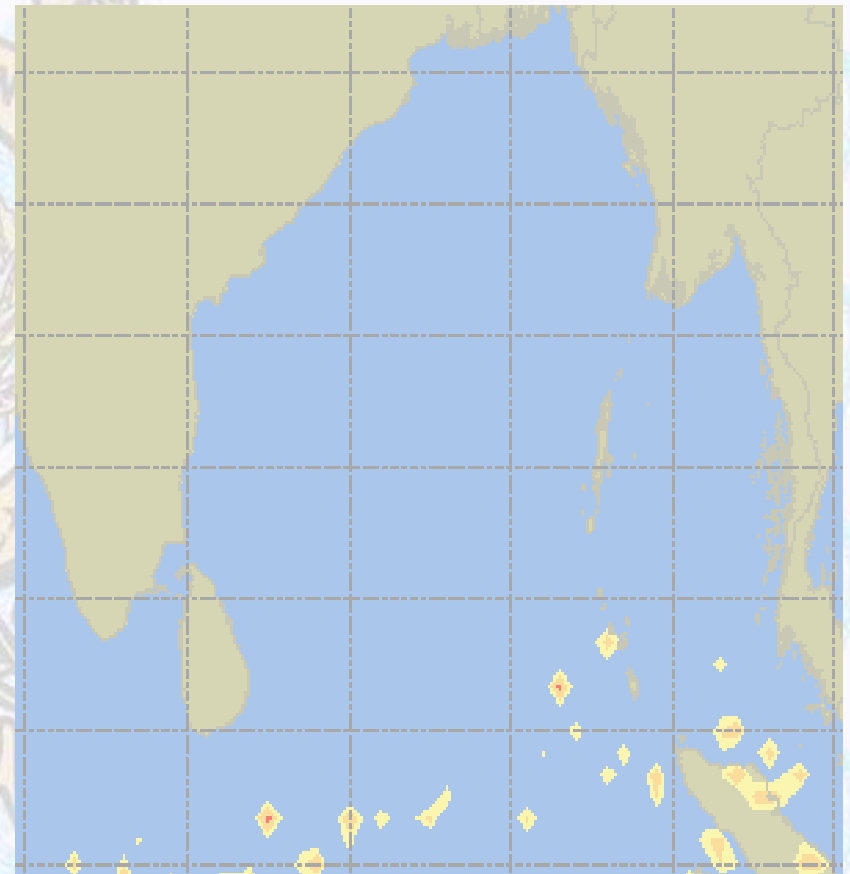
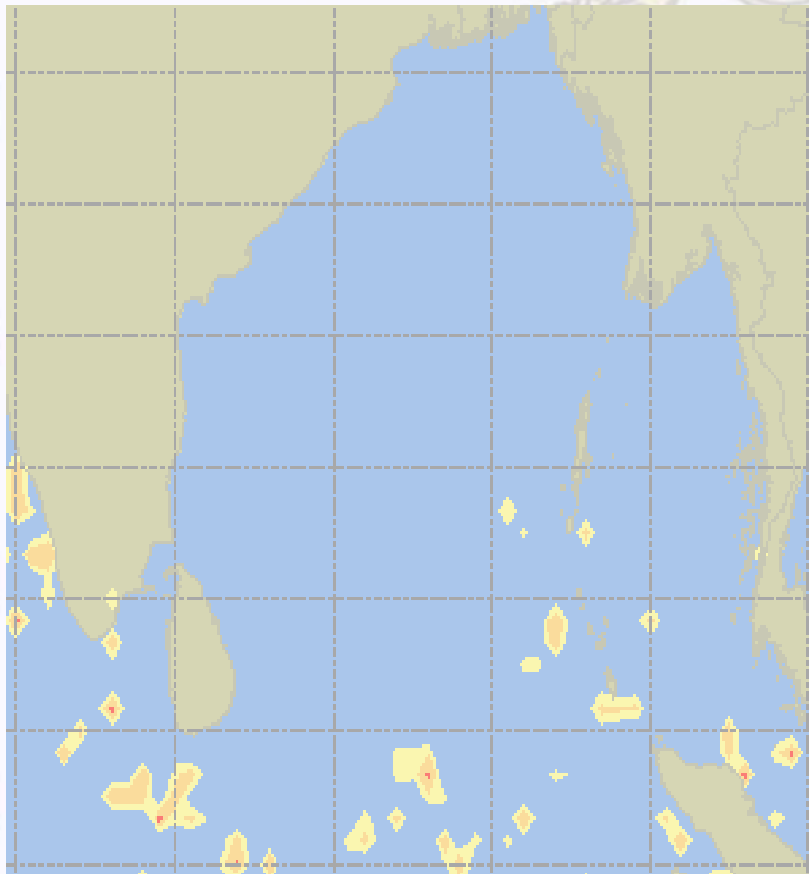




# Visibility at Sea Forecast – 14 & 15 Mar 2021

14 Mar 21 Sunday

15 Mar 21 Monday



**Visibility Scale:**

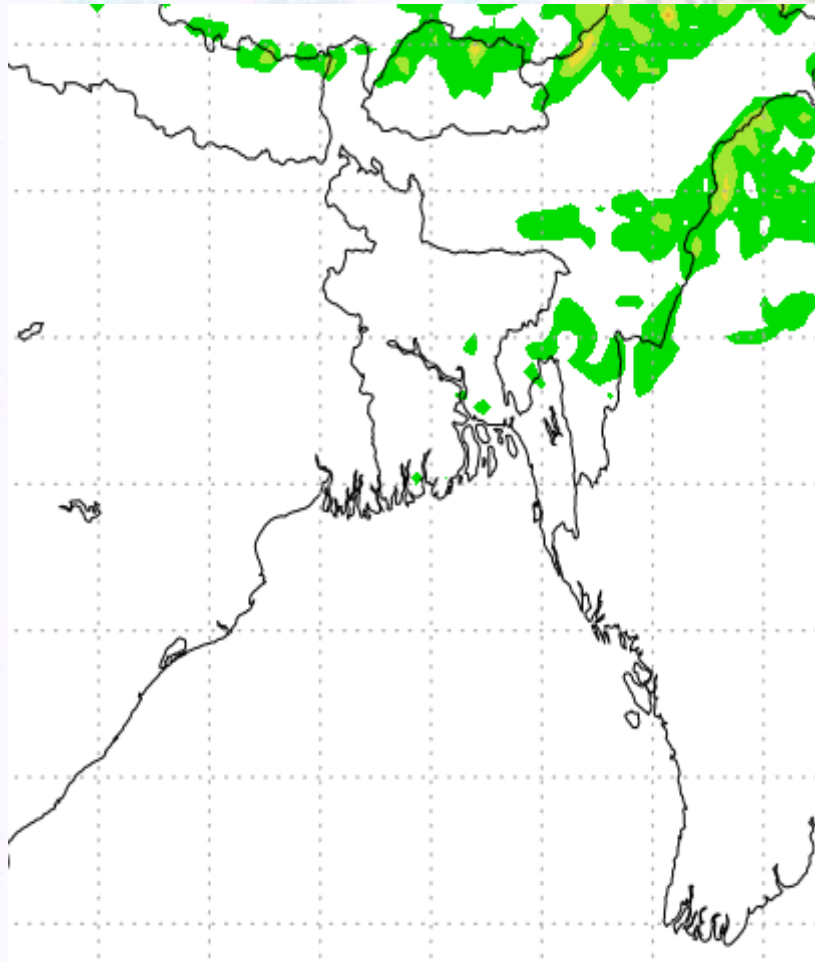


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

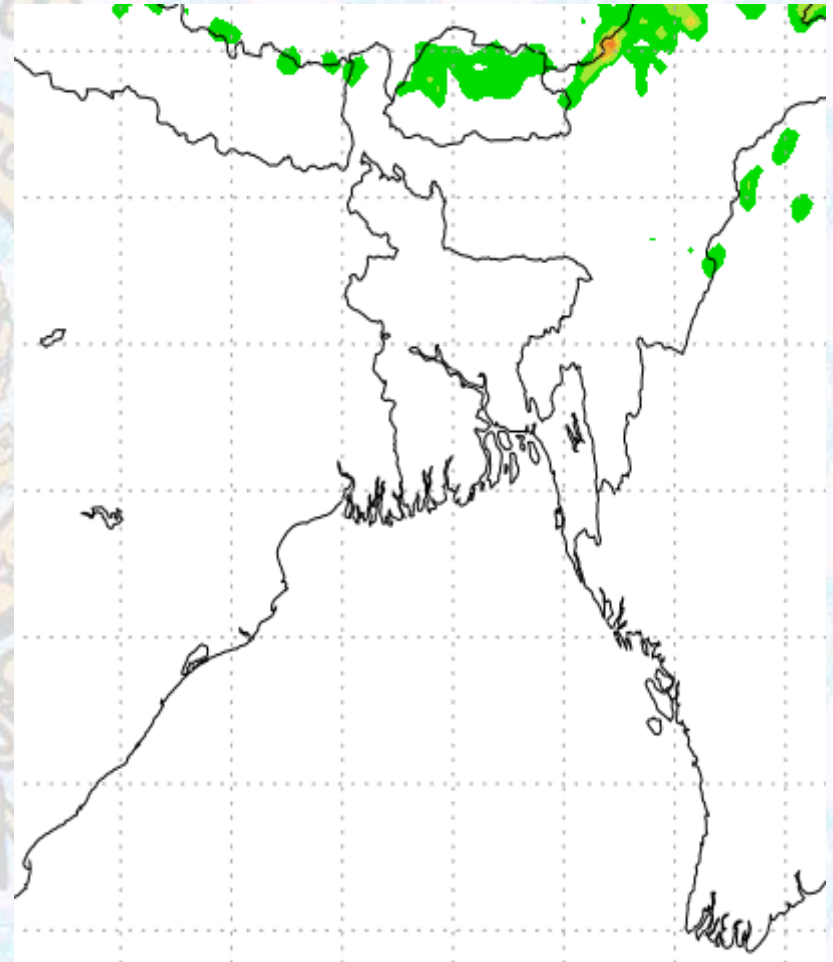


# Precipitation

Rain(mm) 14 & 15 Mar 21



Rain(mm) 15 & 16 Mar 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0128		4.31			0544	0.16
<b>14 Mar 2021</b>	0807	0.31		1122	3.11		1132	2.76
	1351	4.21		1755	0.19		1743	0.38
	2015	0.43		2338	3.30		2340	2.79
	Time	Height		Time	Height		Time	Height
		0153		4.36			0614	0.13
<b>15 Mar 2021</b>	0833	0.29		1155	3.13		1159	2.77
	1415	4.27		1826	0.19		1811	0.42
	2042	0.43		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0219		4.36			0010	3.24
<b>16 Mar 2021</b>	0856	0.28		0642	0.15		0624	0.32
	1440	4.29		1227	3.09		1225	2.75
	2108	0.45		1854	0.24		1838	0.49