



# **WEATHER FORECAST FOR BN**

***07 FEB - 10 FEB 2021***





# WEATHER FORECAST – DHAKA

## 07.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 13	21 / 14	19 / 13
Wind	13 km/h NW	13 km/h NW	7 km/h NW	6 km/h NW
Humidity	54%	50%	64%	70%
Chance of Precip	2%	1%	2%	3%
Cloud Cover	25%	11%	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 37 AM 17: 48 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.22 km

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



# WEATHER FORECAST – CHATTOGRAM

## 07.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 13	26 / 13	22 / 14	19 / 14
Wind	17 km/h NW	17 km/h NW	12 km/h NNW	11 km/h NNW
Humidity	45%	44%	61%	72%
Chance of Precip.	1%	1%	1%	1%
Cloud Cover	8%	16%	7%	10%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise	06: 29 AM			
Sunset	17: 44 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 4.3 Km

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



# WEATHER FORECAST – KHULNA

## 07.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 13	25 / 12	20 / 13	17 / 12
Wind	14 km/h NNW	12 km/h NNW	6 km/h NW	5 m/h NNW
Humidity	51%	47%	64%	73%
Chance of Precip.	21%	12%	1%	2%
Cloud Cover	40%	26%	4%	1%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise Sunset	06: 39 AM 17: 53 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 5.6 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	08 Feb 2021	09 Feb 2021	10 Feb 2021
<b>Temperature (C)</b>	27 °C/ 15 °C	27 °C/ 14 °C	27 °C/ 15 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h36m12s/17h49m48s	6h35m36s/17h50m24s	6h35m00s/17h50m54s
<b>Day Length</b>	11h13m36s	11h14m48s	11h15m54s
<b>Moon Rise/ Set</b>	3:34AM 2:25AM	4:34AM 3:25AM	5:30AM 4:26AM
<b>Moon Phase/ illu</b>	Waning Crescent, 11%	Waning Crescent, 5%	Waning Crescent, 1%
<b>Nautical Twilight</b>	05:47,18:39	05:47,18:40	05:46,18:40
<b>Civil Twilight</b>	06:12,18:12	06:11,18:13	06:11,18:13
<b>Humidity</b>	D : 59% N : 72%	D : 59% N : 74%	D : 61% N : 76%
<b>Barometer (mb)</b>	1015	1013	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	12 Km/h NW	10 Km/h NW	9 Km/h W

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 Feb 2021	09 Feb 2021	10 Feb 2021
<b>Temperature (C)</b>	27 °C/ 15 °C	27 °C/ 15 °C	27 °C/ 14 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h29m42s/ 17h44m48s	6h28m00s/ 17h46m30s	6h27m30s/ 17h47m00s
<b>Day Length</b>	11h15m06s	11h18m30s	11h19m30s
<b>Moon Rise/ Set</b>	3:25AM 2:22AM	4:25AM 3:23AM	5:21AM 4:23AM
<b>Moon Phase/ illu</b>	Waning Crescent, 11%	Waning Crescent, 5%	Waning Crescent, 1%
<b>NauticalTwilight</b>	05:38, 18:34	05:37, 18:35	05:37, 18:35
<b>Civil Twilight</b>	06:05, 18:07	06:04, 18:08	06:03, 18:09
<b>Humidity</b>	D : 58% N : 75%	D : 60% N : 80%	D : 60% N : 83%
<b>Barometer (mb)</b>	1014	1013	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	3%	4%	5%
<b>Wind (mph)</b>	15 Km/h NW	11 Km/h NW	11 Km/h NW

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



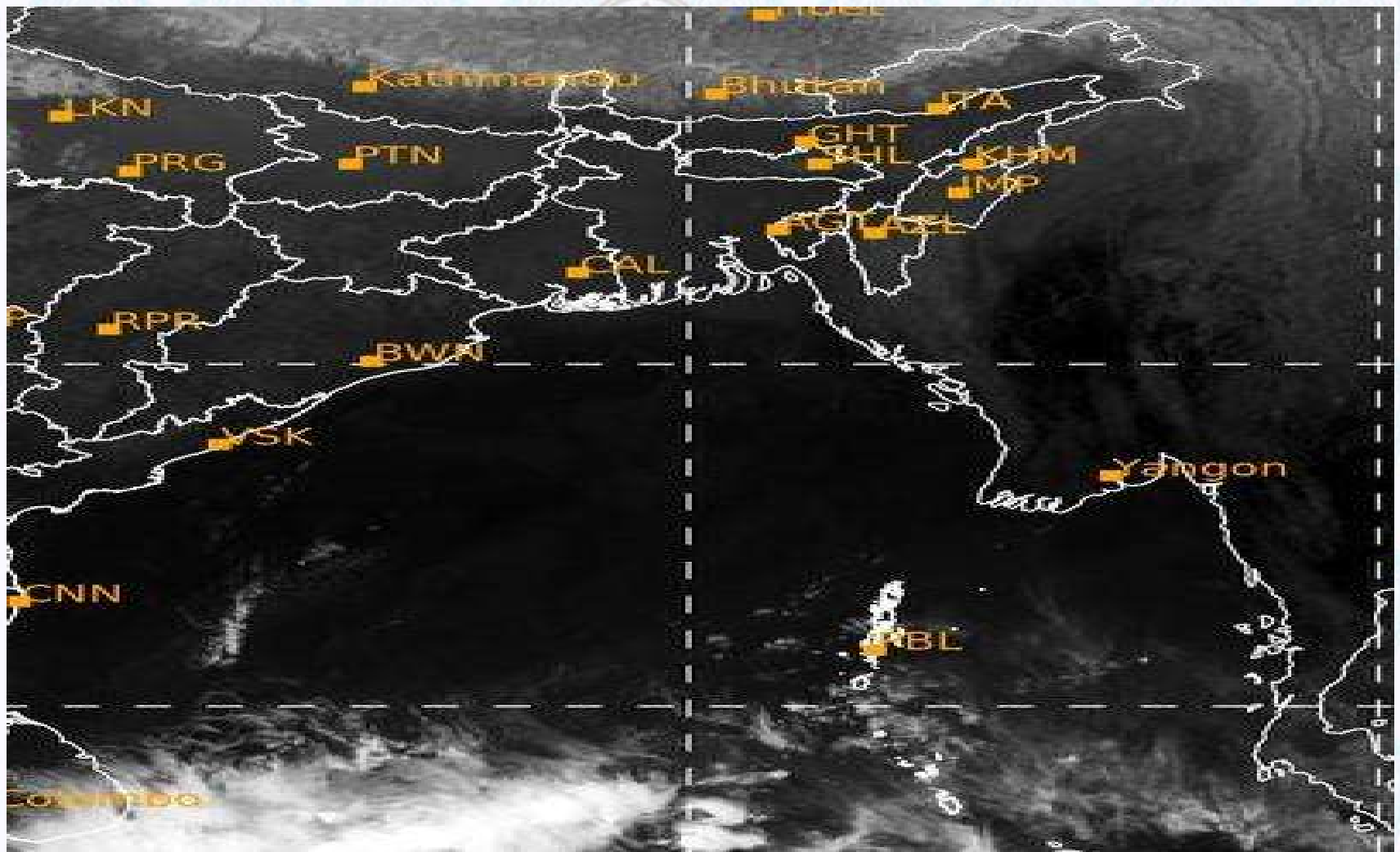
# GENERAL WEATHER FORECAST – KHULNA

Description	08 Feb 2021	09 Feb 2021	10 Feb 2021
<b>Temperature(C)</b>	27°C/ 14°C	27°C/ 14°C	28°C/ 15°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h38m18s/ 17h54m24s	6h37m48s/ 17h55m00s	6h37m12s/ 17h55m30s
<b>Day Length</b>	10h16m06s	10h17m12s	10h18m18s
<b>Moon Rise/Set</b>	3:36AM 2:31AM	4:35AM 3:31AM	5:31AM 4:32AM
<b>Moon Phase/illu</b>	Waning Crescent, 11%	Waning Crescent, 5%	Waning Crescent, 1%
<b>Nautical Twilight</b>	05:48, 18:43	05:47, 18:44	05:47, 18:44
<b>Civil Twilight</b>	06:14, 18:17	06:14, 18:17	06:13, 18:18
<b>Humidity</b>	D : 57% N : 74%	D : 57% N : 76%	D : 58% N : 76%
<b>Barometer (mb)</b>	1015	1014	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	4%	5%
<b>Wind (mph)</b>	14 km/h NNW	11 km/h NNW	8 km/h WNW

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



# SATELLITE VIEW OF BAY OF BENGAL



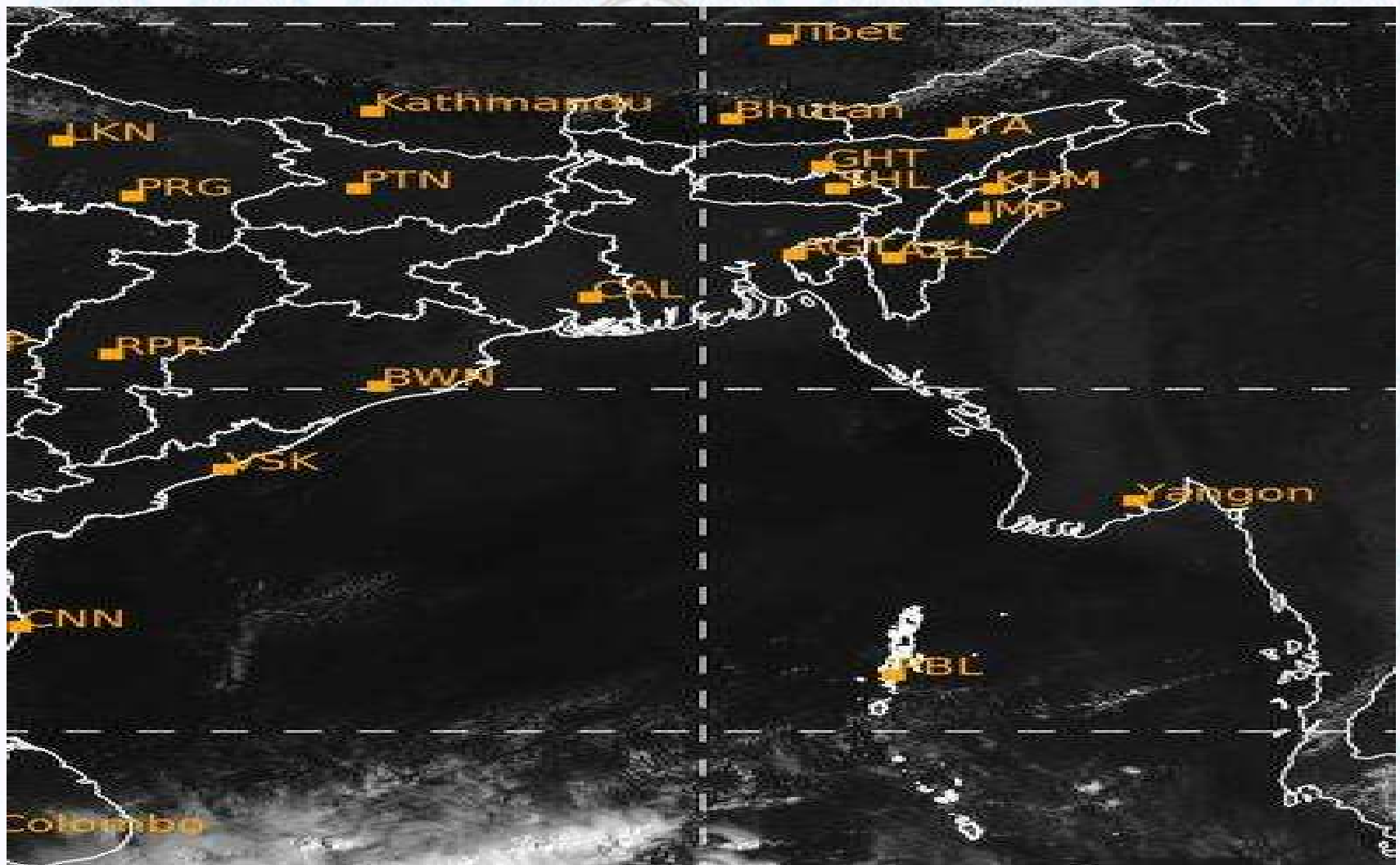
07/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



07/02/2021, 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 07.02.2021)

<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	<b>NORTH/NORTH-WESTERLY, 08-12 KTS.</b>
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG.
	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 07.02.2020)

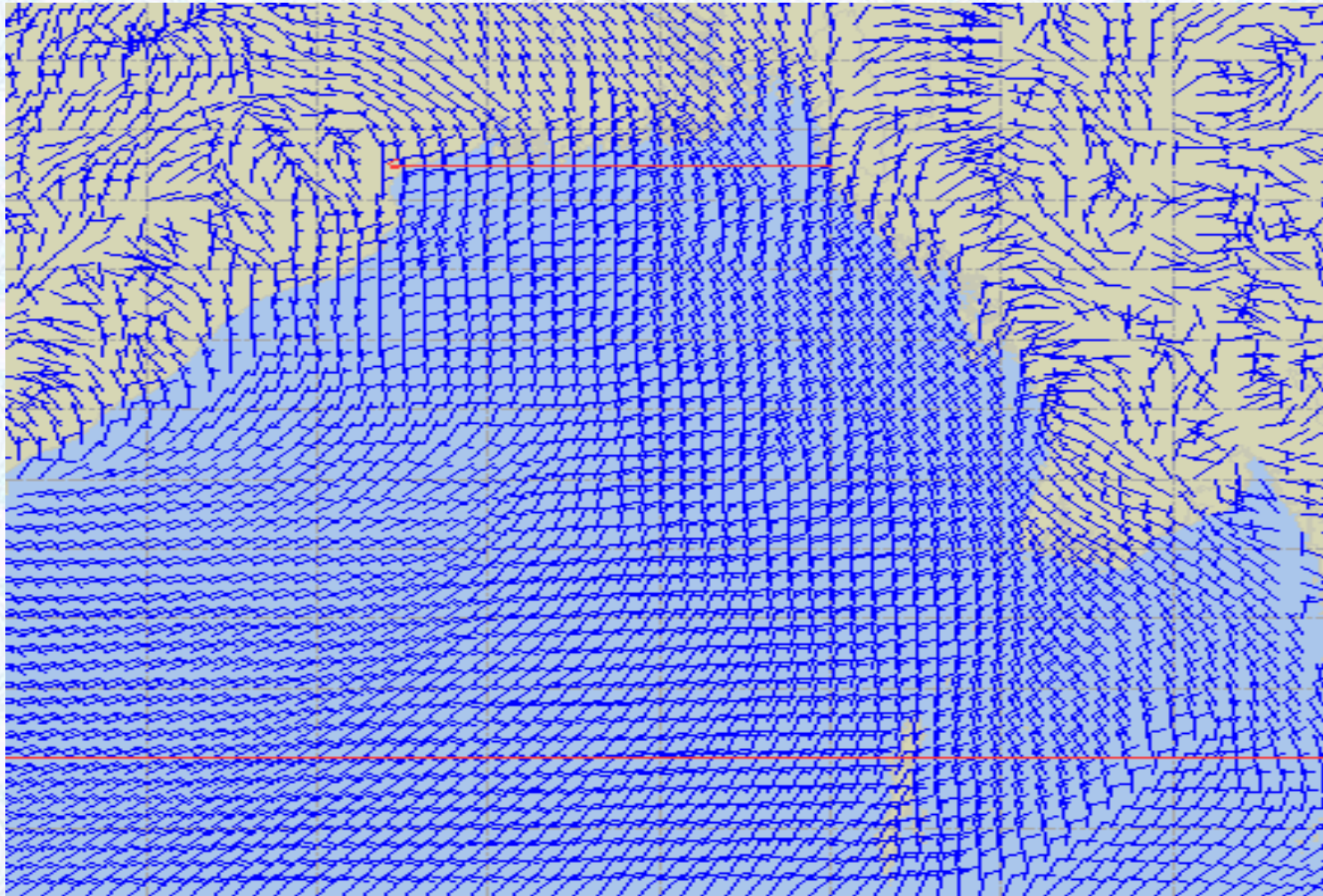
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 08 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



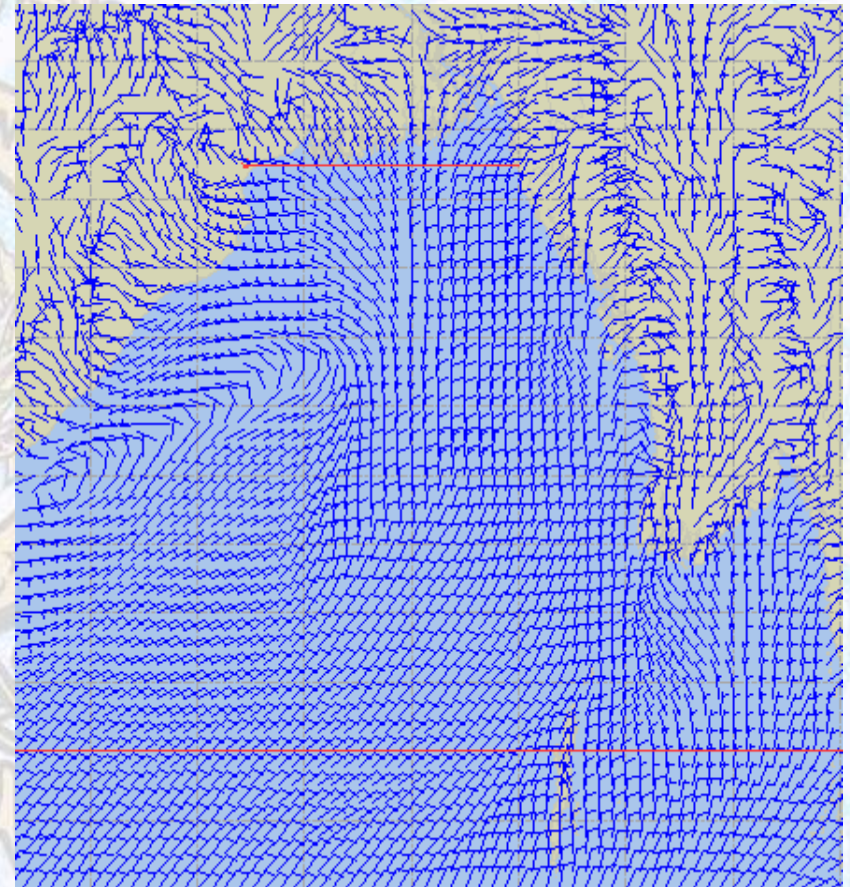
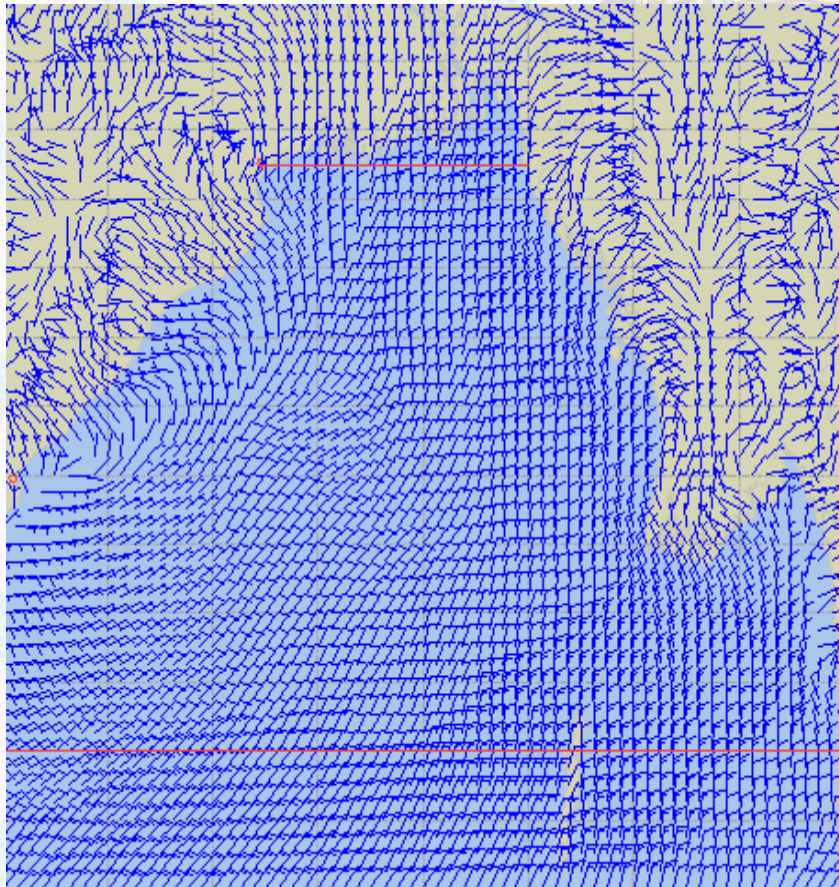
**60 Knots**



# Surface Wind Forecast – 09 & 10 Feb - 2021

09 Feb 21 Tuesday

10 Feb 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



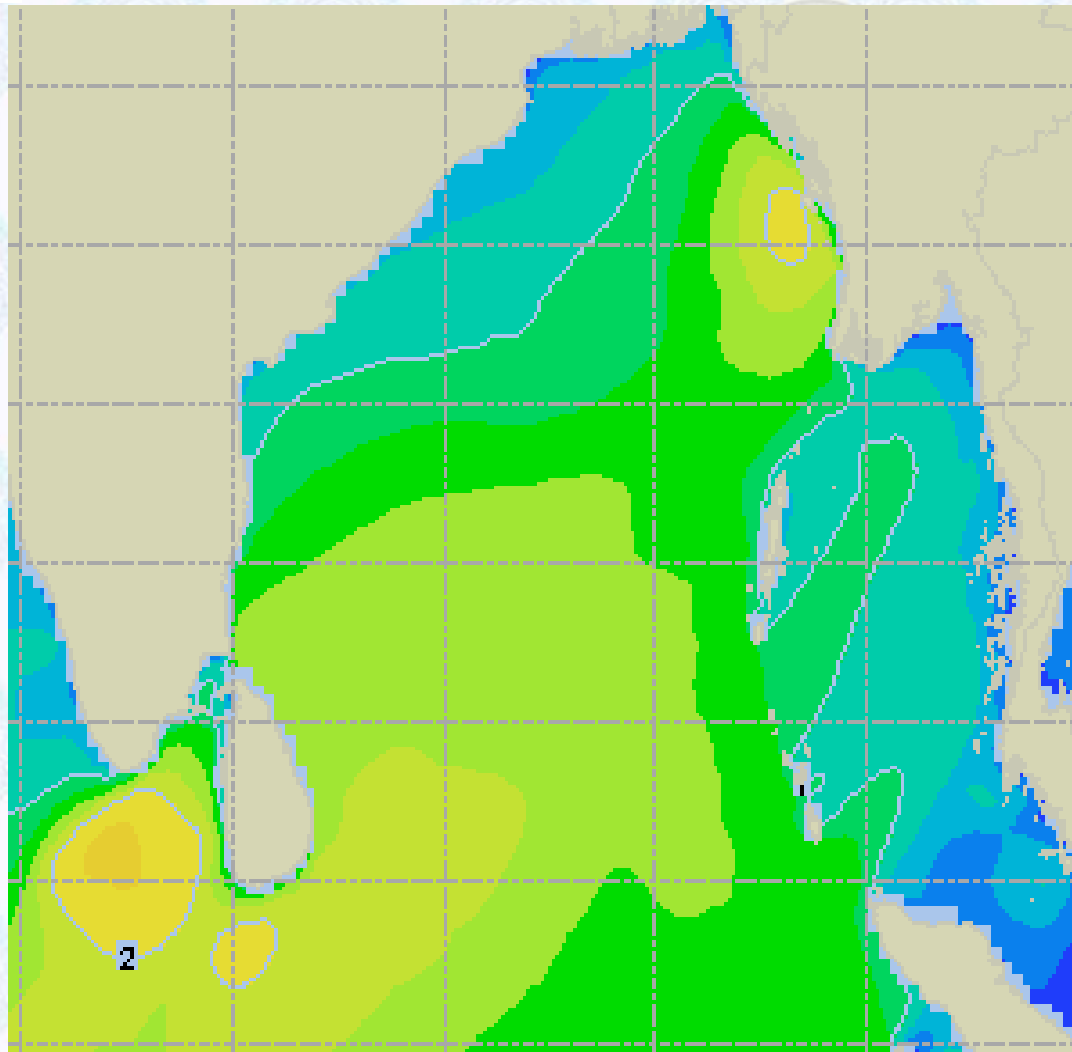
10 Knots



60 Knots



# Sea State Forecast – 08 Feb - 2021



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

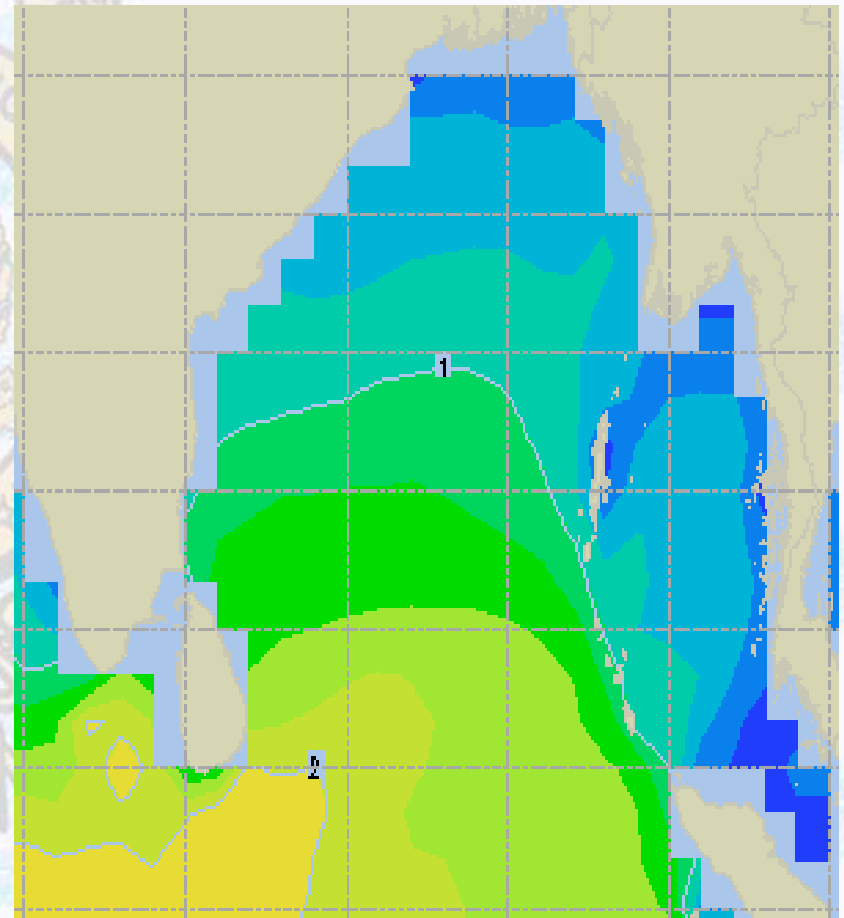
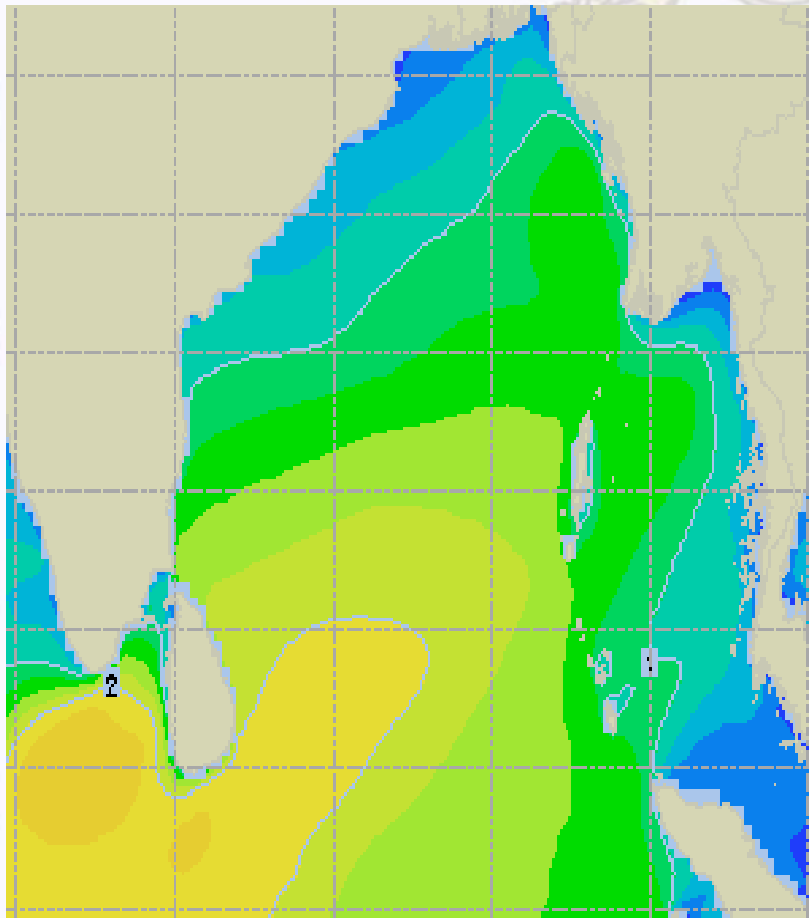




# Sea State Forecast – 09 & 10 Feb - 2021

09 Feb 21 Tuesday

10 Feb 21 Wednesday

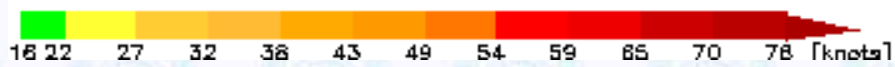
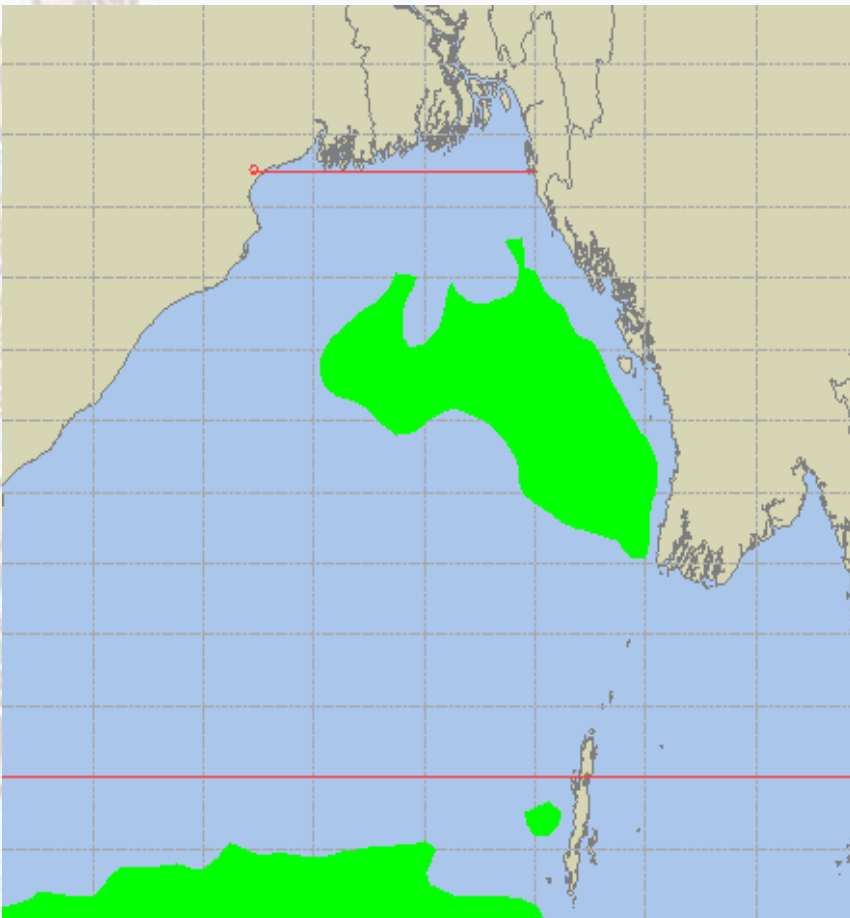
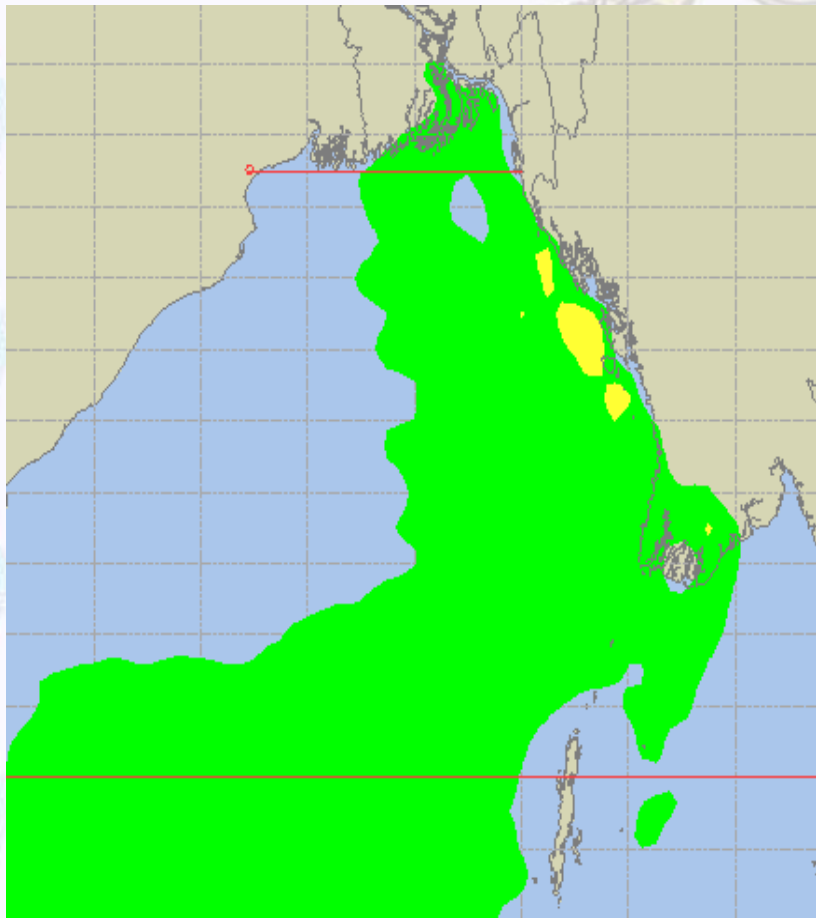




# Peak Gusting Possibilities– 08 & 09 Feb 2021

## 08 Feb 21 Monday

## 09 Feb 21 Tuesday

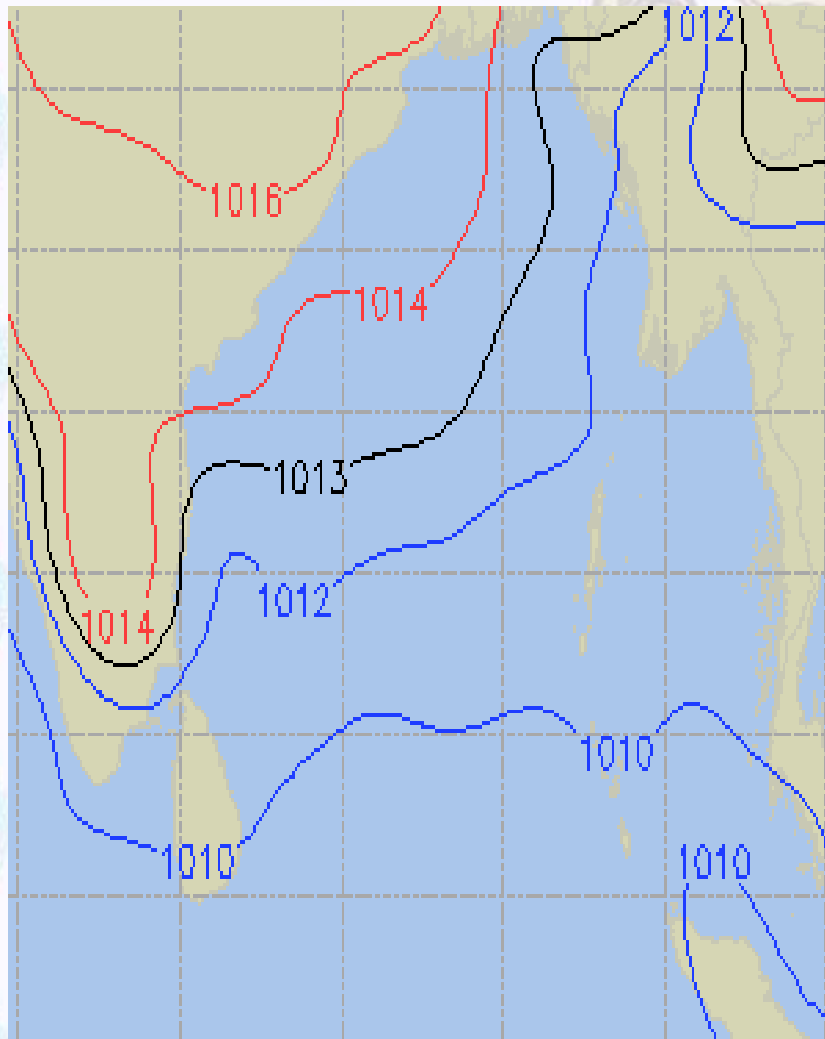




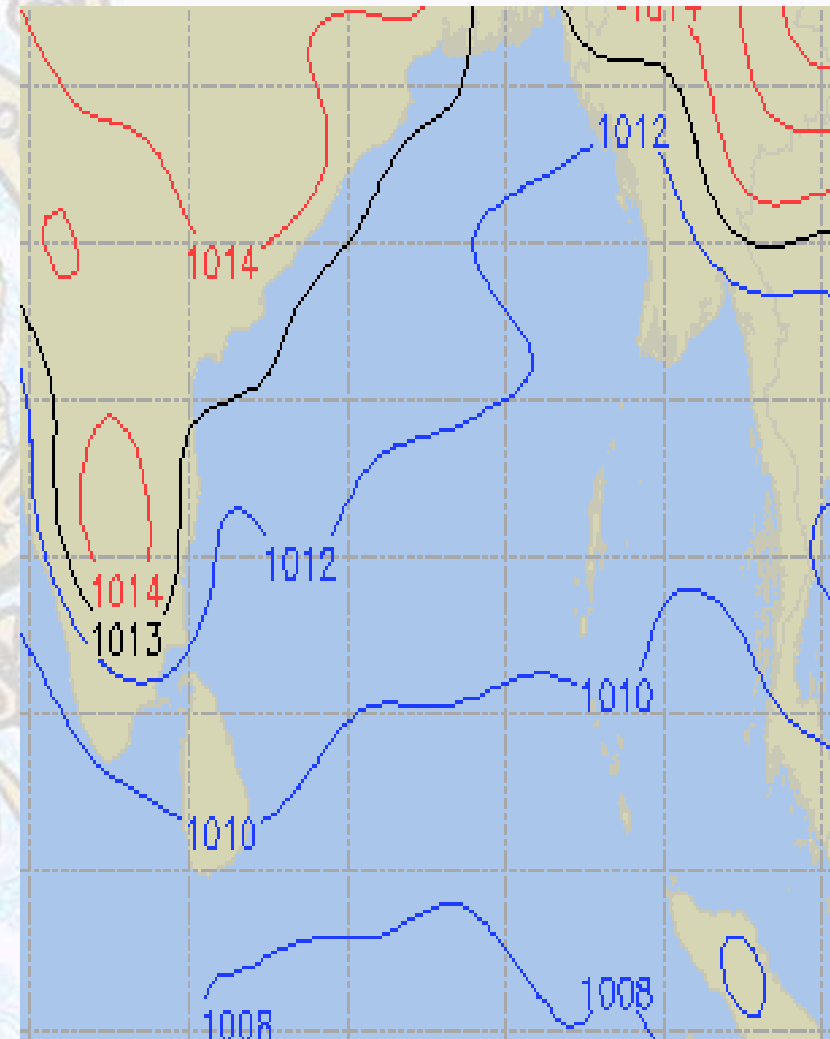


# Surface Pressure forecast – 08 & 09 Feb 2021

08 Feb 21 Monday



09 Feb 21 Tuesday

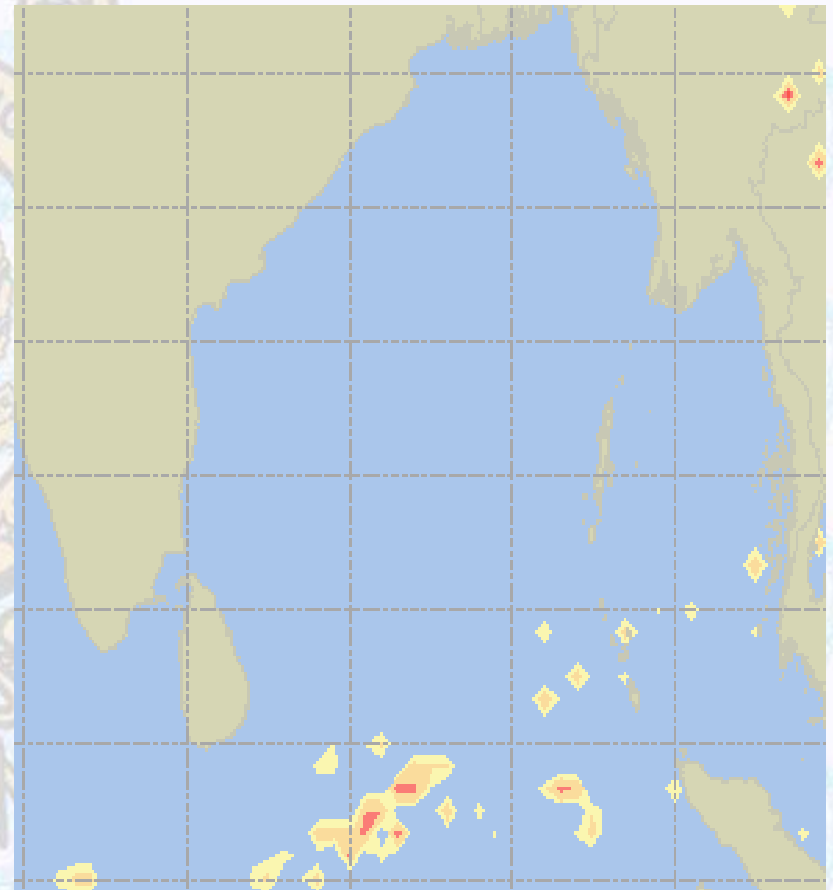
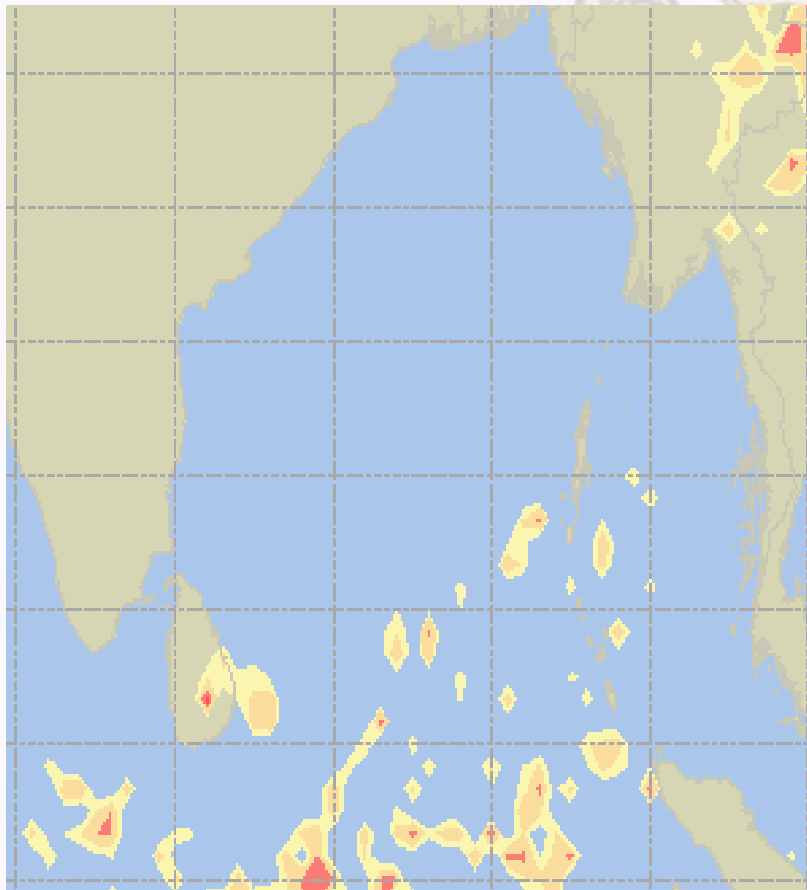




# Visibility at Sea Forecast – 08 & 09 Feb 2021

08 Feb 21 Monday

09 Feb 21 Tuesday



**Visibility Scale:**



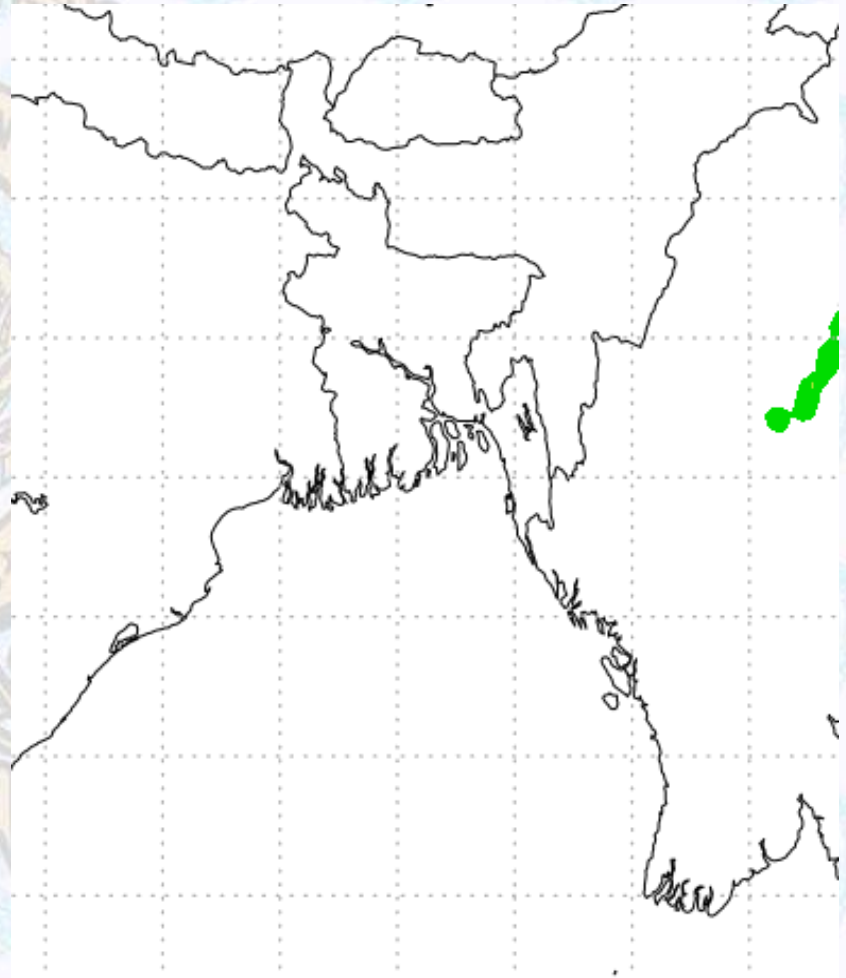
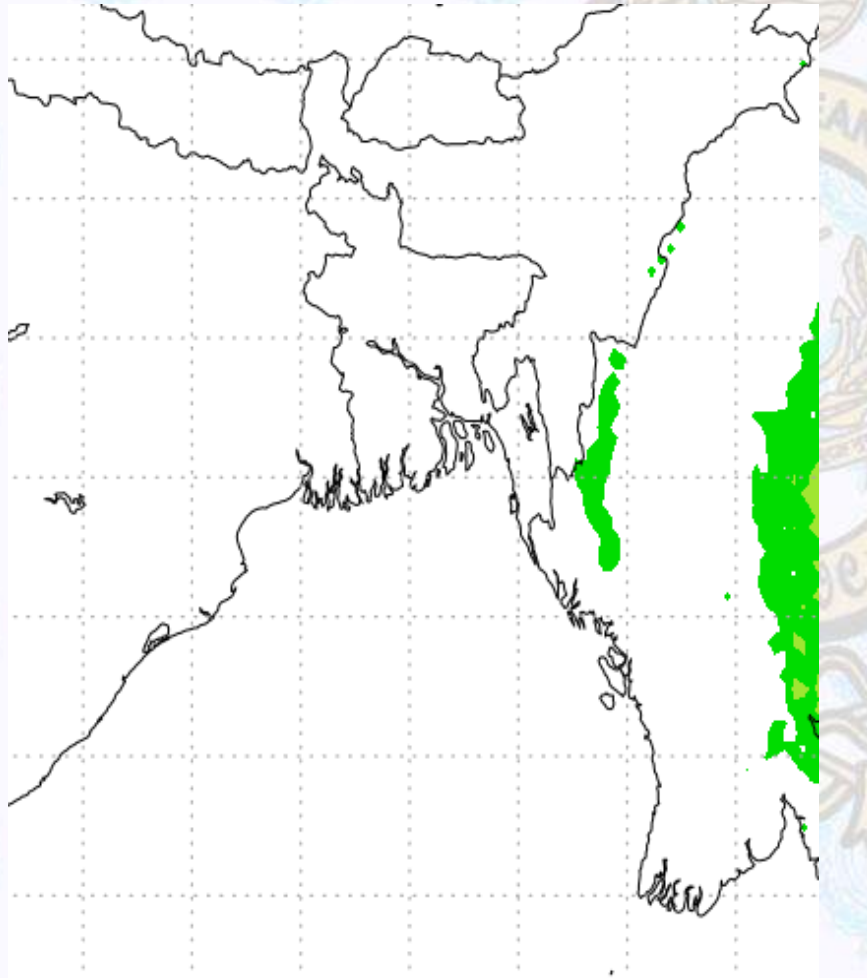
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



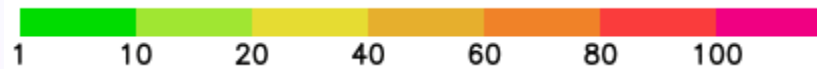
# Precipitation

Rain(mm) 08 & 09 Feb 21

Rain(mm) 09 & 10 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0445		0.82			0200	0.80
08 Feb 2021	1046	3.27		0744	2.22		0819	2.06
	1654	0.80		1415	0.65		1421	0.78
	2306	3.87		2026	2.71		2053	2.54
	Time	Height		Time	Height		Time	Height
		0550		0.64			0311	0.66
09 Feb 2021	1147	3.46		0855	2.38		0924	2.24
	1755	0.68		1522	0.52		1525	0.64
	2359	4.02		2122	2.93		2146	2.69
	Time	Height		Time	Height		Time	Height
		0641		0.50			0406	0.51
10 Feb 2021	1234	3.64		0947	2.59		1012	2.40
	1844	0.58		1616	0.38		1615	0.51
	-	-		2209	3.13		2229	2.81