



# **WEATHER FORECAST FOR BN**

***10 JAN - 13 JAN 2021***





# WEATHER FORECAST – DHAKA

## 10.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	27 / 17	24 / 18	22 / 18
Wind	7 km/h W	9 km/h W	3 km/h WSW	3 km/h W
Humidity	55%	58%	65%	74%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 29 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 1.21 km

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



# WEATHER FORECAST – CHATTOGRAM

## 10.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 18	26 / 18	23 / 20	22 / 20
Wind	8 km/h WNW	7 km/h WNW	8 km/h NW	7 km/h N
Humidity	59%	60%	83%	88%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	7%	8%	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 26 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 5:40 Km

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



# WEATHER FORECAST – KHULNA

## 10.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 16	30 / 16	24 / 16	22 / 18
Wind	8 km/h WNW	8 km/h WNW	3 km/h SW	5 km/h S
Humidity	44%	44%	64%	77%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	5%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 44 AM 17: 34 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 9.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	11 Jan 2021	12 Jan 2021	13 Jan 2021
<b>Temperature (C)</b>	28 °C / 18 °C	27 °C / 16 °C	25 °C / 14 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h43m00s/17h28m18s	6h43m30s/17h29m48s	6h43m36s/17h31m18s
<b>Day Length</b>	10h45m18s	10h46m30s	10h47m42s
<b>Moon Rise/ Set</b>	4:41AM 3:38PM	5:46AM 4:37PM	6:46AM 5:40PM
<b>Moon Phase/ illu</b>	Waning Crescent, 3%	Waning Crescent, 0%	New Moon, 0%
<b>NauticalTwilight</b>	05:53,18:11	05:54,18:11	05:54,18:10
<b>Civil Twilight</b>	06:21,17:41	06:21,17:42	06:22,17:42
<b>Humidity</b>	D : 68%    N : 73%	D : 65%    N : 70%	D : 60%    N : 70%
<b>Barometer (mb)</b>	1011	1011	1011
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	5 Km/h WSW	5 Km/h WSW	8 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	11 Jan 2021	12 Jan 2021	13 Jan 2021
<b>Temperature (C)</b>	28 °C/ 18 °C	27 °C/ 18 °C	26 °C/ 17 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h34m18s/17h25m24s	6h34m54s/17h27m42s	6h35m00s/17h28m24s
<b>Day Length</b>	10h51m06s	10h52m12s	10h53m24s
<b>Moon Rise/ Set</b>	4:32AM 3:35PM	5:37AM 4:34PM	6:37AM 5:37PM
<b>Moon Phase/ illu</b>	Waning Crescent, 3%	Waning Crescent, 0%	New Moon, 0%
<b>NauticalTwilight</b>	05:43 18:09	05:43 18:09	05:42 18:08
<b>Civil Twilight</b>	06:11, 17:40	06:11, 17:40	06:12, 17:41
<b>Humidity</b>	D : 65% N : 85%	D : 60% N : 78%	D : 68% N : 81%
<b>Barometer (mb)</b>	1012	1013	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 Km/h WNW	6 Km/h WNW	7 Km/h WNW

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



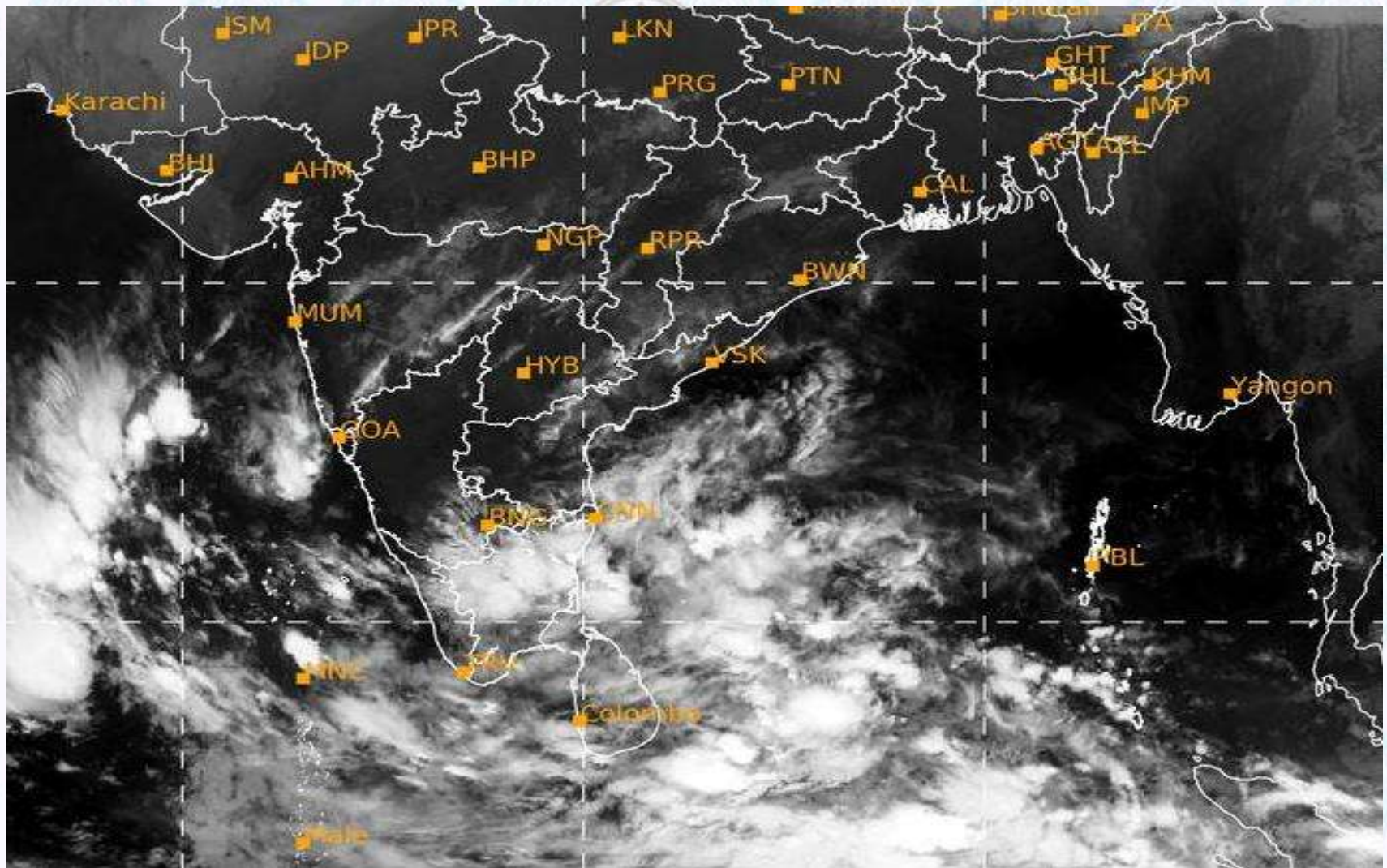
# GENERAL WEATHER FORECAST – KHULNA

Description	11 Jan 2021	12 Jan 2021	13 Jan 2021
<b>Temperature(C)</b>	29°C/ 18°C	28°C/ 16°C	25°C/ 13°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h44m48s/17h35m06s	6h45m00s/17h35m54s	6h45m12s/17h36m36s
<b>Day Length</b>	10h50m18s	10h50m54s	10h51m24s
<b>Moon Rise/Set</b>	4:43AM 3:43PM	5:47AM 4:43PM	6:47AM 5:45PM
<b>Moon Phase/illu</b>	Waning Crescent, 3%	Waning Crescent, 0%	New Moon, 0%
<b>NauticalTwilight</b>	05:53, 18:17	05:53, 18:16	05:52, 18:16
<b>Civil Twilight</b>	06:22, 17:47	06:21, 17:47	06:21, 17:46
<b>Humidity</b>	D : 65% N : 75%	D : 60% N : 78%	D : 68% N : 83%
<b>Barometer (mb)</b>	1012	1012	1013
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	10 km/h W	10 km/h W	10 km/h W

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



# SATELLITE VIEW OF BAY OF BENGAL



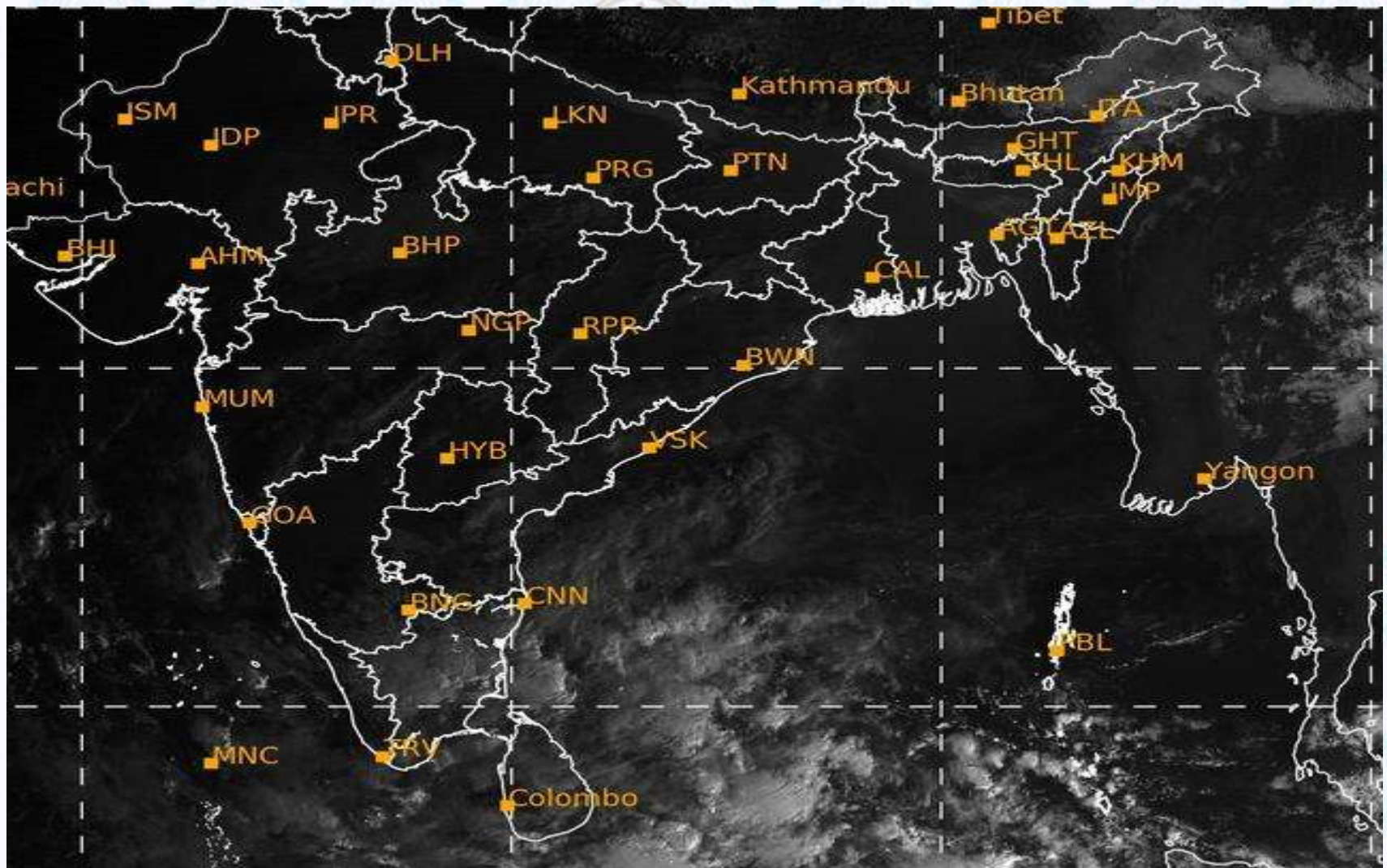
10/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



10/01/2021, 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 10.01.2021)

<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	NORTH/NORTH-WESTERLY, 08-12 KTS.
	Visibility	03-06 KMS, REDUCING TO 1000 M OR LESS IN MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 10,0000 UTC. CHATTOGRAM =1013 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 10.01.2020)

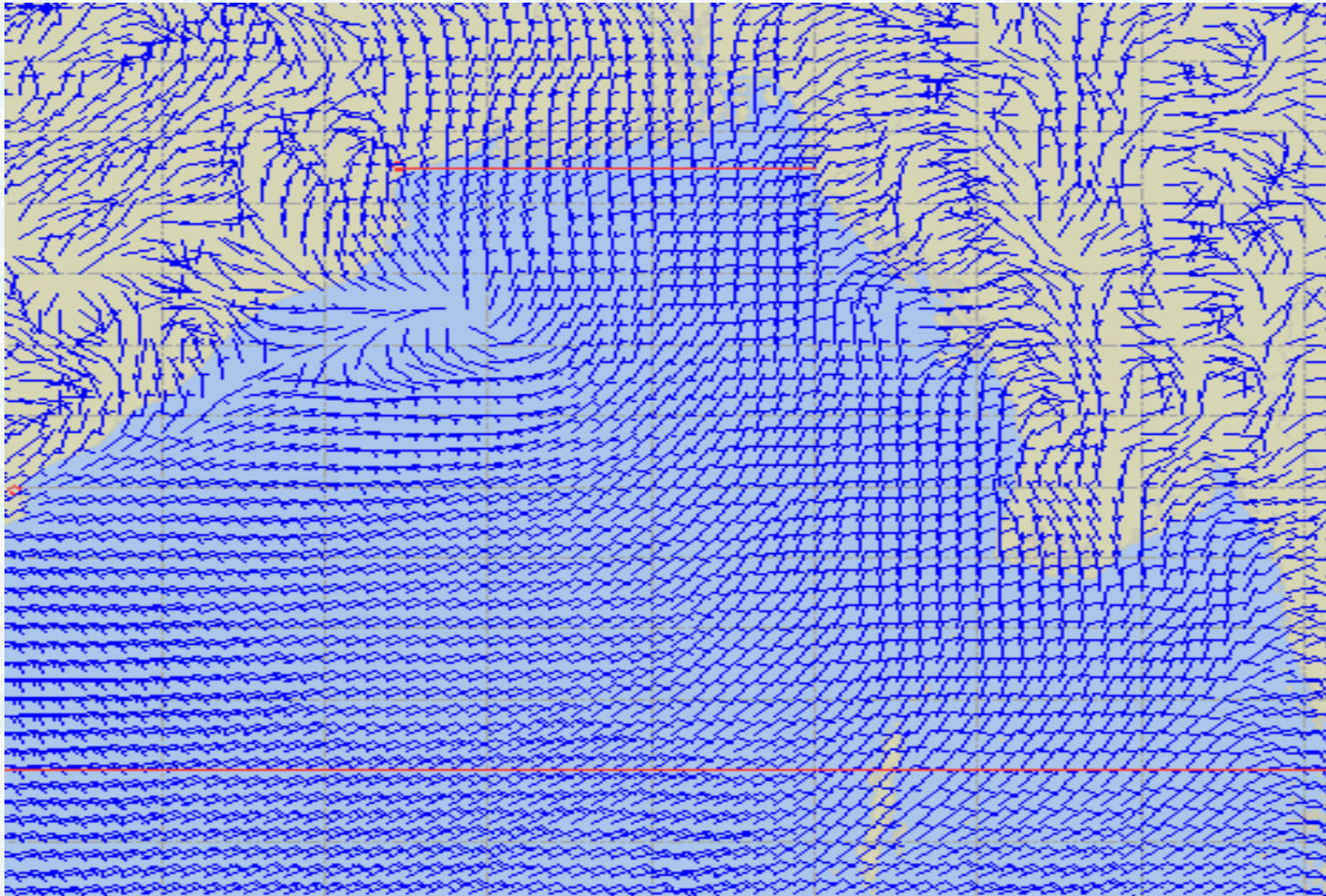
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 11 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



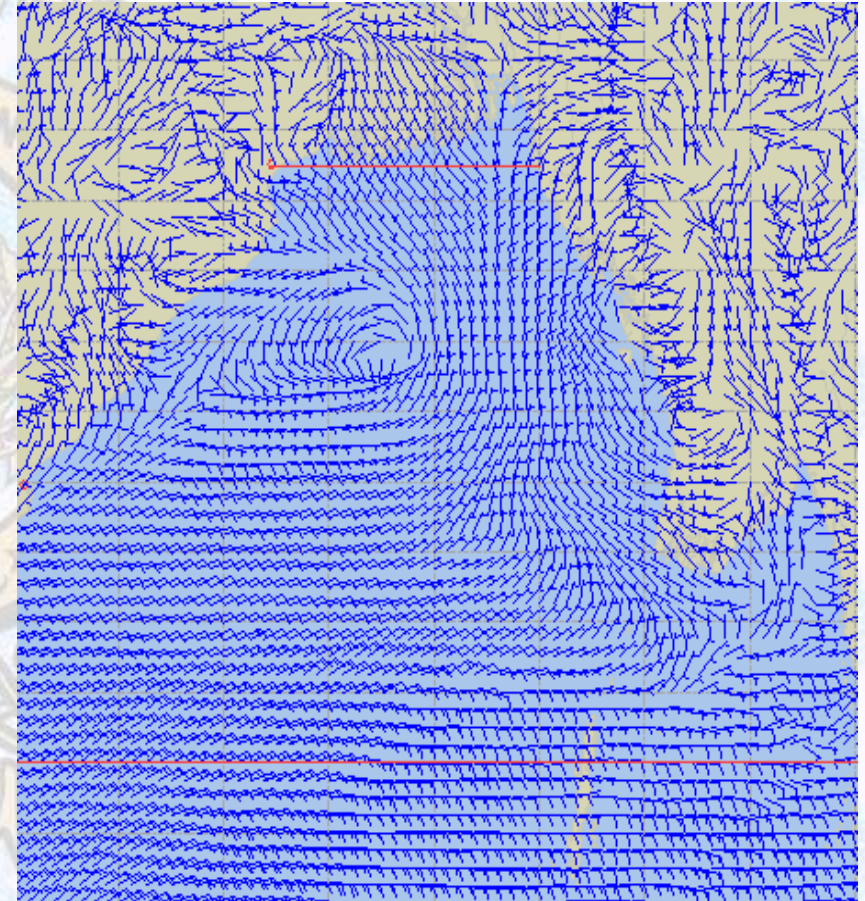
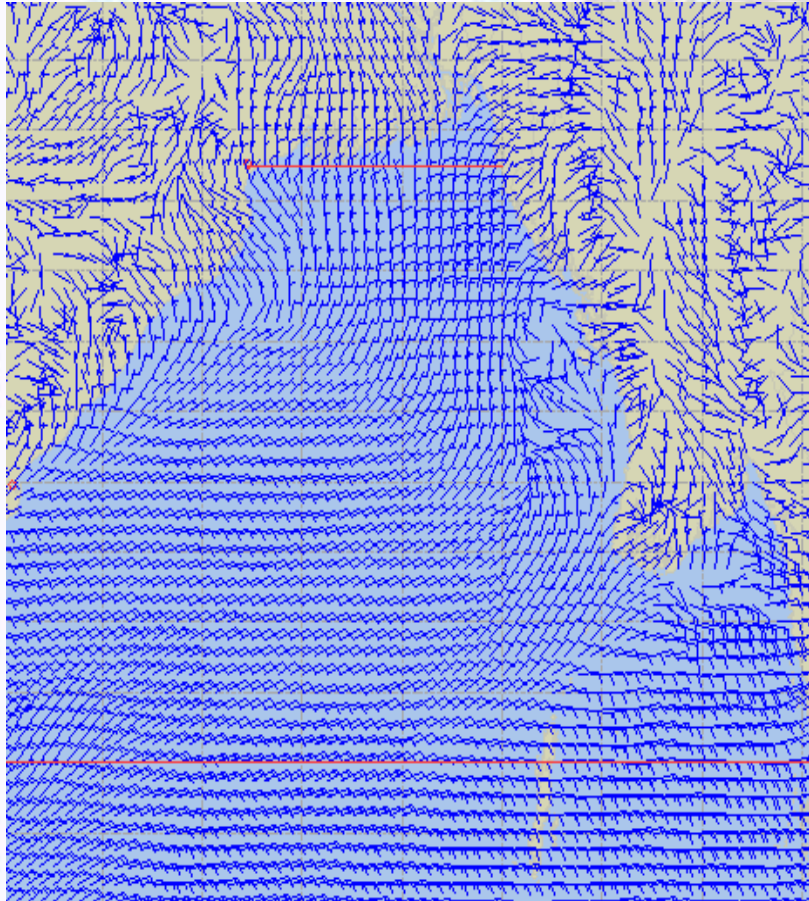
**60 Knots**



# Surface Wind Forecast – 12 & 13 Jan - 2021

12 Jan 21 Tuesday

13 Jan 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



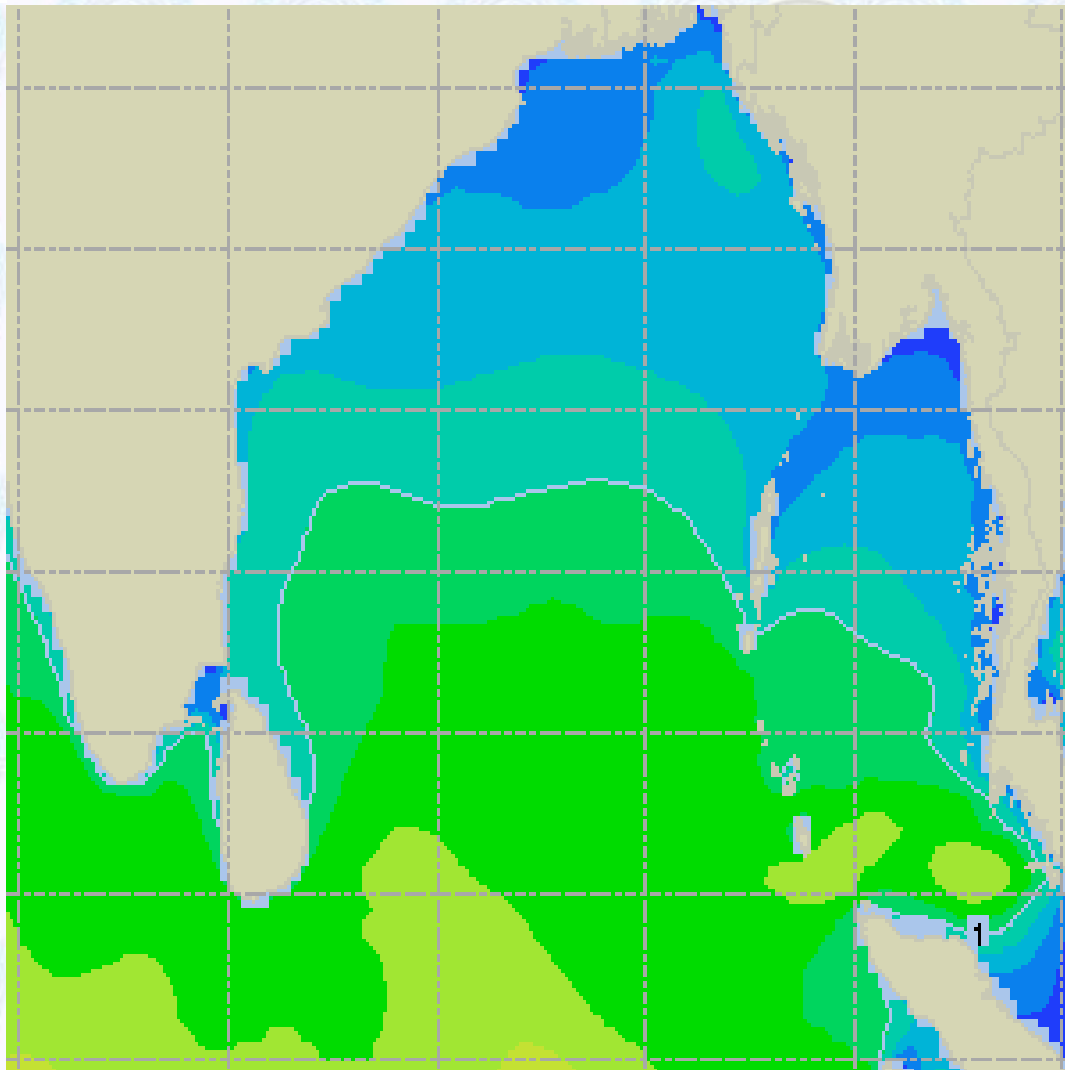
10 Knots



60 Knots



# Sea State Forecast – 11 Jan - 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

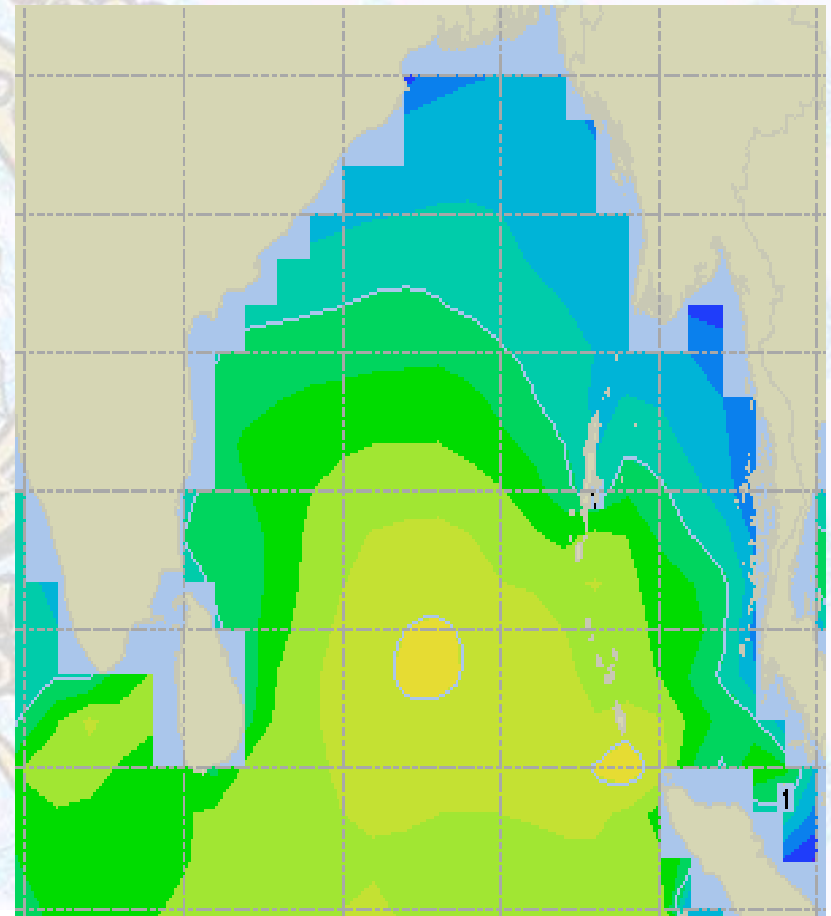
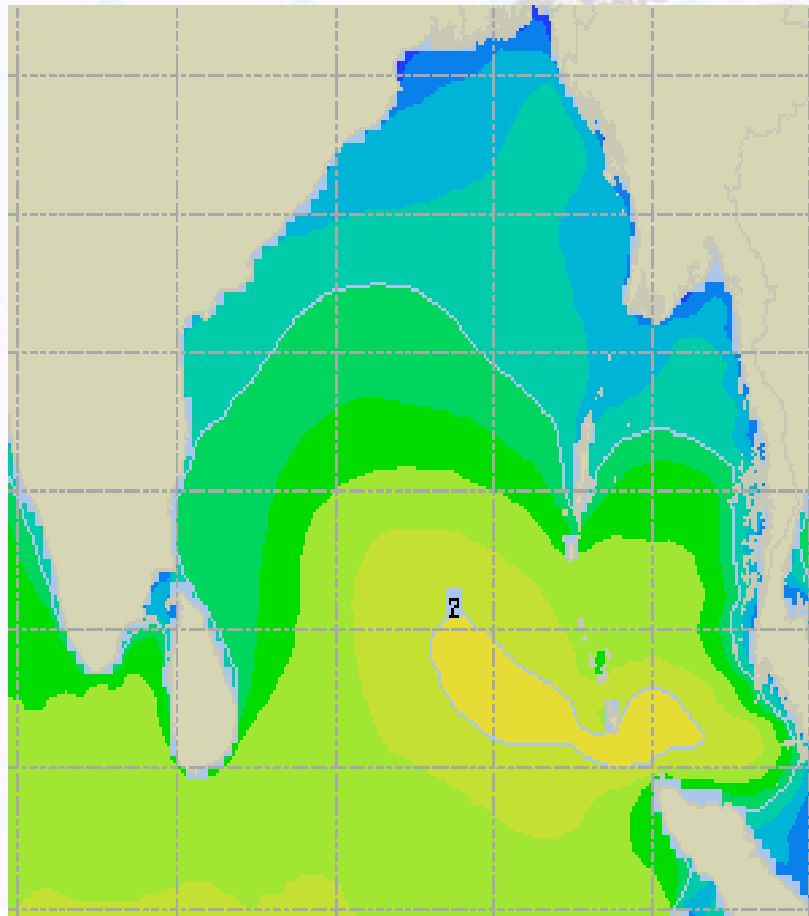




# Sea State Forecast – 12 & 13 Jan - 2021

12 Jan 21 Tuesday

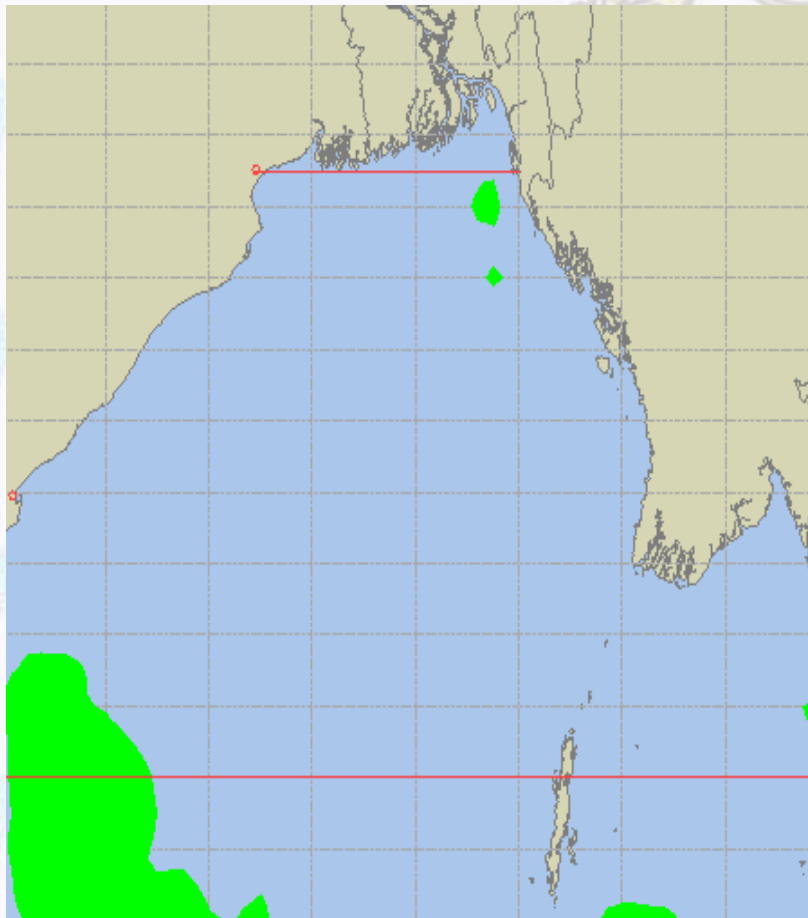
13 Jan 21 Wednesday



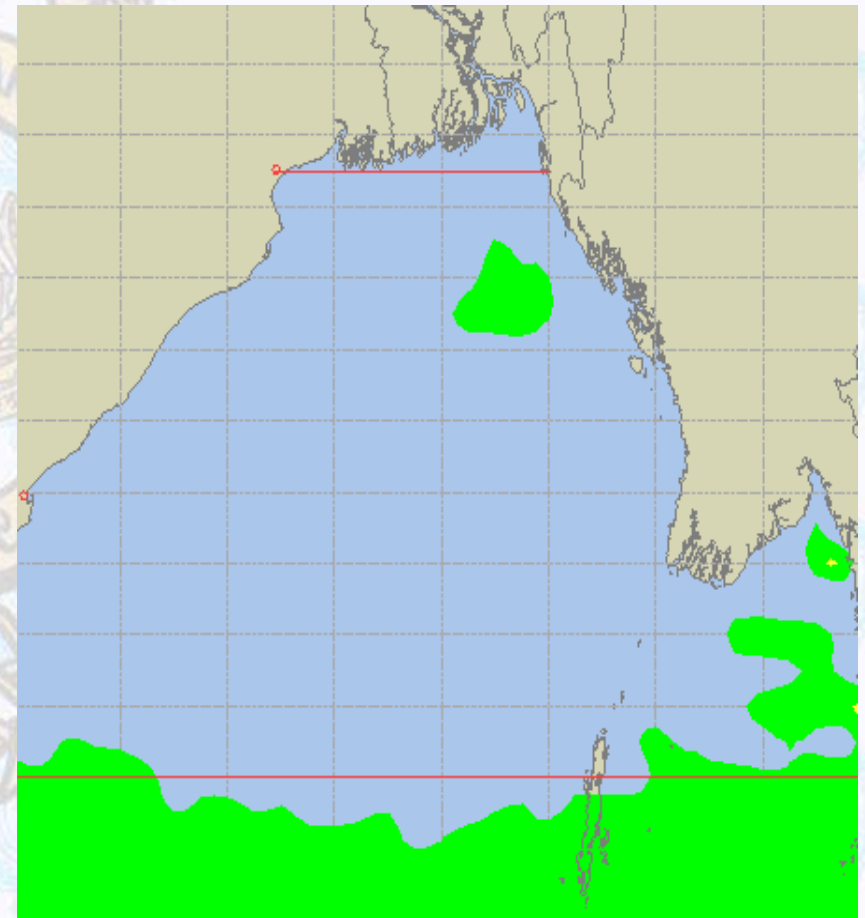


# Peak Gusting Possibilities— 11 & 12 Jan 2021

11 Jan 21 Monday



12 Jan 21 Tuesday



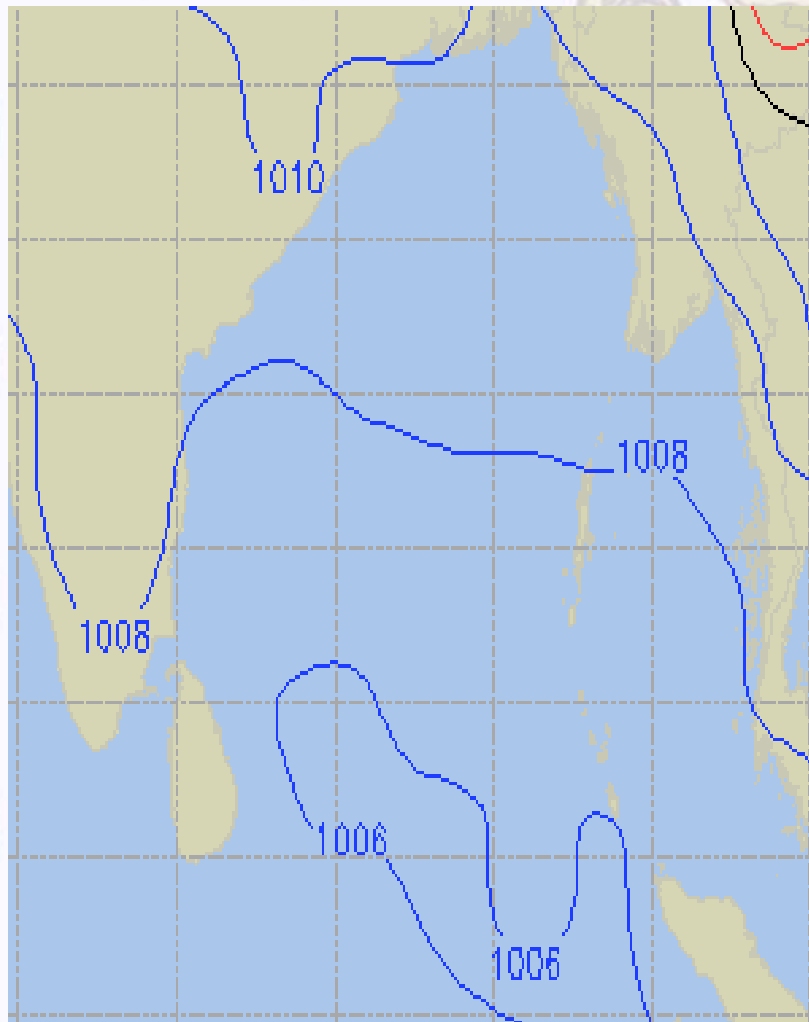
16 22 27 32 38 43 49 54 59 65 70 78 [knots]



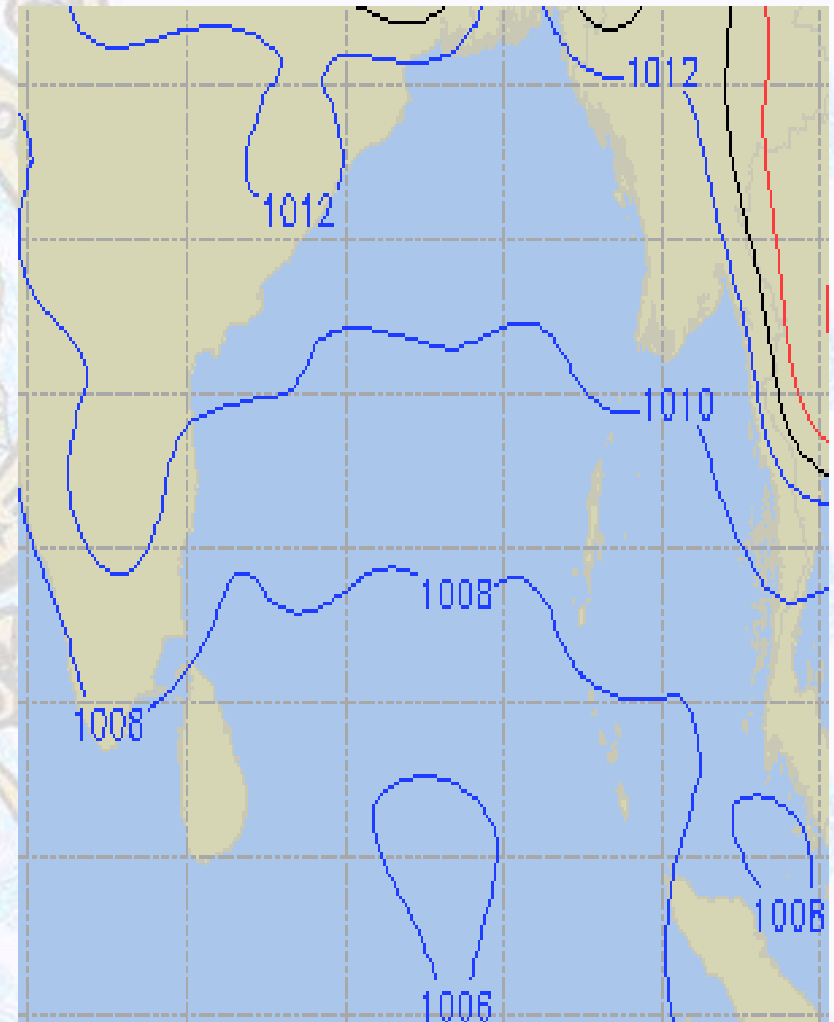


# Surface Pressure forecast – 11 & 12 Jan 2021

11 Jan 21 Monday



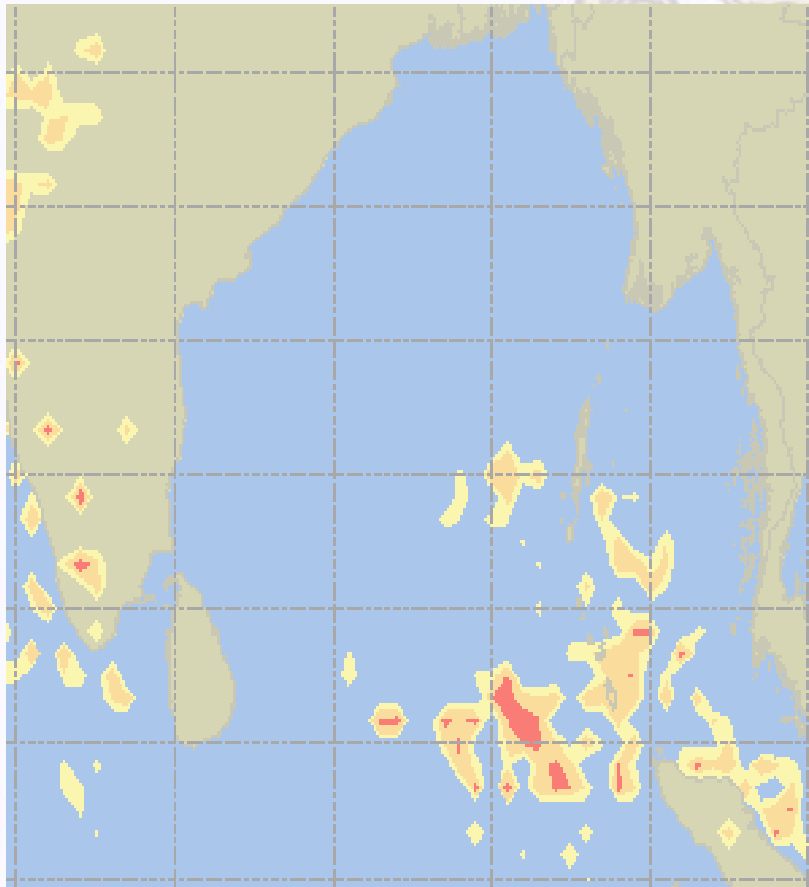
12 Jan 21 Tuesday



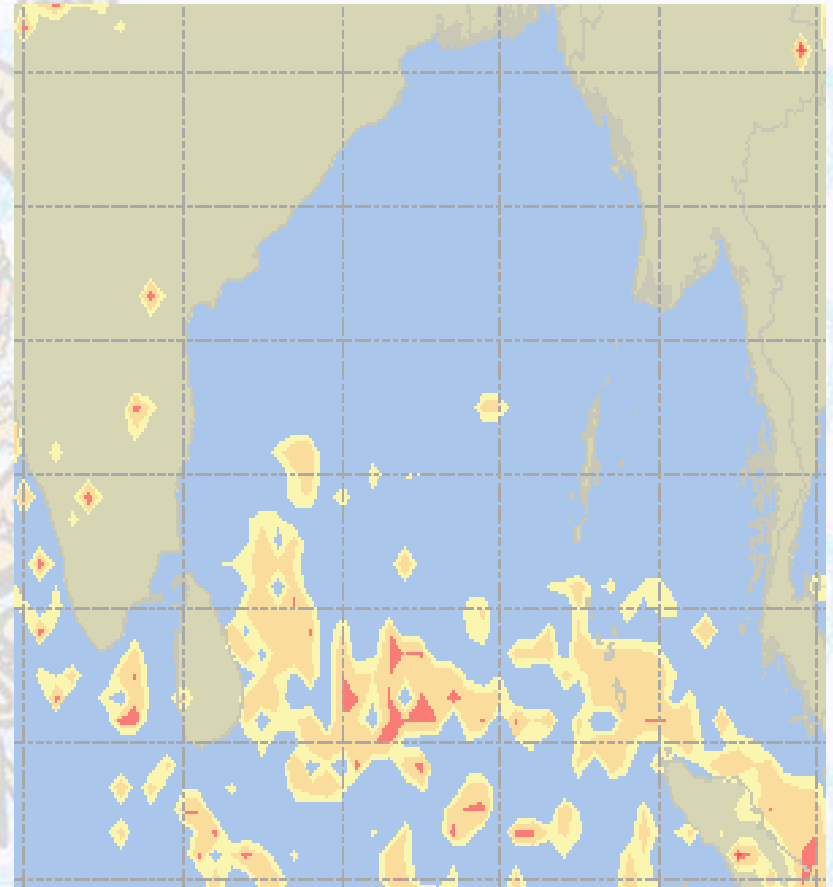


# Visibility at Sea Forecast – 11 & 12 Jan 2021

11 Jan 21 Monday



12 Jan 21 Tuesday



**Visibility Scale:**



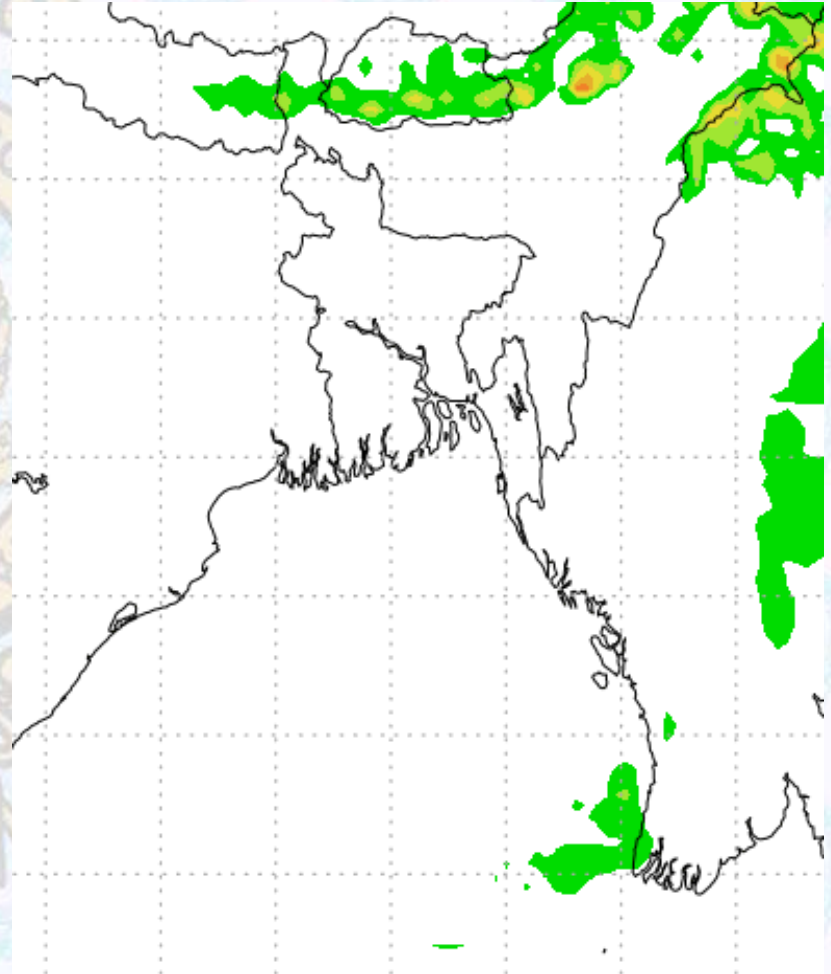
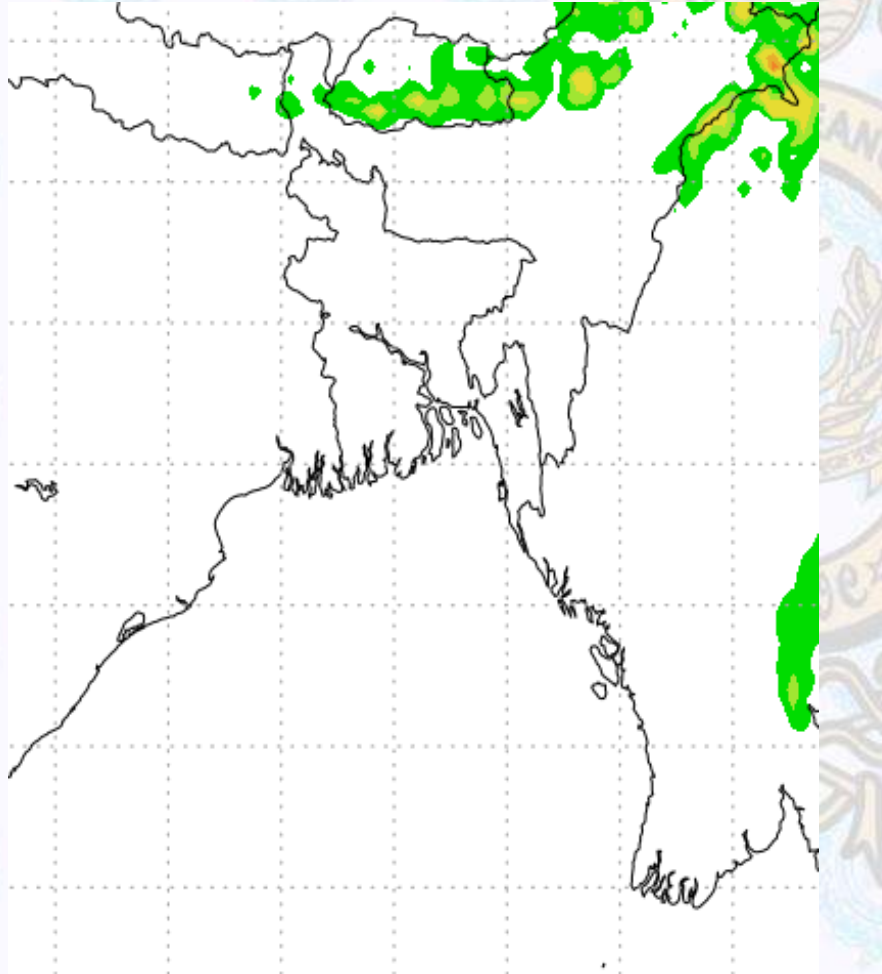
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 11 & 12 Jan 2021

Rain(mm) 12 & 13 Jan 2021



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>11 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0553	0.61		0321	0.64		0325	0.83
	1143	3.66		0900	2.64		0919	2.37
	1759	0.55		1532	0.49		1526	0.61
	-	-		2130	3.21		2146	2.85
<b>12 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0000	4.27		0415	0.52		0419	0.68
	0645	0.51		0953	2.77		1012	2.48
	1232	3.77		1625	0.39		1618	0.52
	1848	0.50		2219	3.35		2233	2.93
<b>13 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0044	4.35		0504	0.43		0506	0.57
	0731	0.45		1040	2.88		1058	2.55
	1314	3.86		1712	0.33		1704	0.48
	1931	0.47		2304	3.43		2316	2.97