



**WEATHER FORECAST FOR BN**

***11 - 14 MAY 2021***



# WEATHER FORECAST – DHAKA

## 11.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 24°C	30°C / 24°C	28°C / 24°C	27°C / 24°C
Wind	15 km/h S	17 km/h S	9 km/h SE	9 m/h SSE
Humidity	65%	66%	76%	81%
Chance of Precip	14%	17%	23%	31%
Cloud Cover	70%	60%	88%	87%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise / Sunset	0518 / 1832			

### Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 11.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30°C / 25°C	29°C / 25°C	29°C / 26°C	28°C / 25°C
Wind	12 km/h S	13 km/h S	7 km/h SSW	6 km/h NNW
Humidity	73%	76%	82%	85%
Chance of Precip.	11%	66%	47%	64%
Cloud Cover	59%	56%	68%	80%
Conditions	Cloudy	Rain	Rain	Rain
Sunrise / Sunset	0515 / 1824			

### Conditions

Pressure : 1009 hpa

Visibility : 4.09 Km

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



# WEATHER FORECAST – KHULNA

## 11.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31°C / 26°C	29°C / 25°C	27°C / 25°C	26°C / 25°C
Wind	13 km/h SSW	16 km/h SSW	9 km/h SSW	9 m/h SSW
Humidity	68%	78%	87%	88%
Chance of Precip.	78%	51%	30%	15%
Cloud Cover	75%	70%	59%	31%
Conditions	Cloudy	Rain	Rain	Rain
Sunrise / Sunset	0523 / 1834			

### Conditions

Pressure : 1008 hpa

Visibility : 9.66 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	12 May 2021	13 May 2021	14 May 2021
<b>Temperature (C)</b>	31°C / 25°C	32°C / 25°C	32°C / 25°C
<b>Summary</b>	Rain	Rain	Light Rain
<b>Sun Rise/Set</b>	5h 18m12s/18h32m12s	5h 17m36s/18h33m12s	5h 16m30s/18h33m30s
<b>Day Length</b>	13h14m00s	13h15m18s	13h17m00s
<b>Moon Rise/ Set</b>	5:34AM/ 7:04PM	6:12AM/ 7:57PM	6:53AM/8:51PM
<b>Moon Phase/ illu</b>	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 8%
<b>Nautical Twilight</b>	04:27, 19:21	04:27, 19:22	04:27, 19:22
<b>Civil Twilight</b>	04:55, 18:56	04:55, 18:57	04:55, 18:57
<b>Humidity</b>	D : 82%    N : 86%	D : 82%    N : 87%	D : 72%    N : 87%
<b>Barometer (mb)</b>	1008	1007	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	66%	64%	50%
<b>Wind (km/hr)</b>	12 Km/h, SE	12 Km/h, SSE	13 Km/h, SSE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	12 May 2021	13 May 2021	14 May 2021
<b>Temperature (C)</b>	29°C/ 25°C	30°C/ 25°C	31°C/ 26°C
<b>Summary</b>	Cloudy/ Rain	Cloudy/ Rain	Rain
<b>Sun Rise/Set</b>	5h14m00s/ 18h25m00s	5h14m00s/ 18h25m09s	5h13m18s/ 18h25m12s
<b>Day Length</b>	13h13m00s	13h15m07s	13h11m54s
<b>Moon Rise/ Set</b>	5:31AM/ 6:55PM	6:09AM/ 7:48PM	6:51AM/8:41PM
<b>Moon Phase/ illu</b>	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 8%
<b>Nautical Twilight</b>	04:24, 19:16	04:24, 19:17	04:24, 19:17
<b>Civil Twilight</b>	04:52, 18:44	04:52, 18:45	04:52, 18:45
<b>Humidity</b>	D : 87% N : 97%	D : 83% N : 93%	D : 83% N : 93%
<b>Barometer (mb)</b>	10006	1006	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	73%	62%	76%
<b>Wind (km/hr)</b>	18 Km/h, S	16 Km/h, S	14 Km/h, S

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



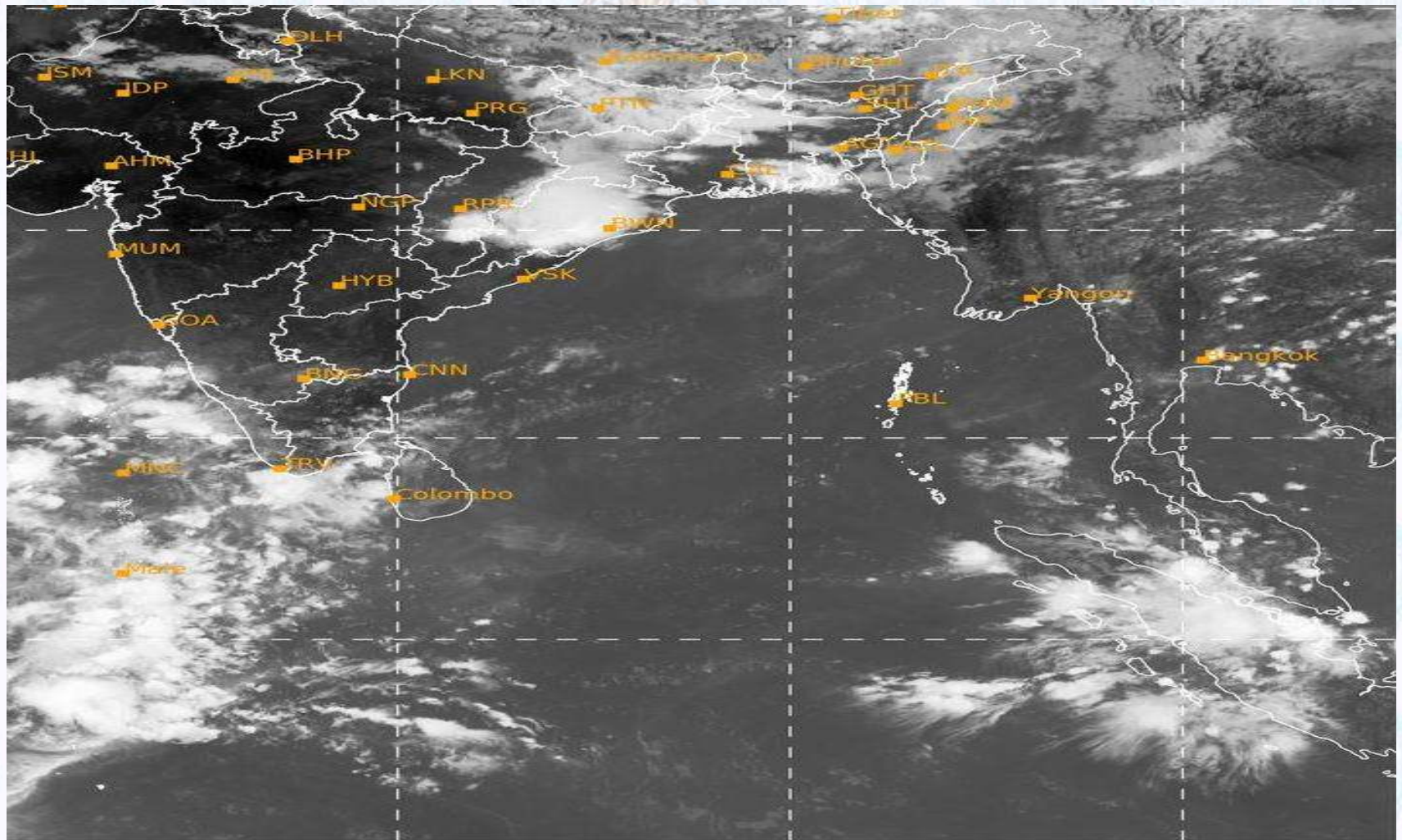
# GENERAL WEATHER FORECAST – KHULNA

Description	12 May 2021	13 May 2021	14 May 2021
<b>Temperature(C)</b>	31°C / 25°C	32°C / 26°C	32°C / 27°C
<b>Summary</b>	Cloudy/ Rain	Rain	Cloudy/ Rain
<b>Sun Rise/Set</b>	5h23m01s/ 18h35m00s	5h23m01s/ 18h35m36s	5h21m36s/ 18h35m12s
<b>Day Length</b>	13h 11m 36s	13h 18m 21s	13h 13m 36s
<b>Moon Rise/Set</b>	5:39AM/ 7:06PM	6:17AM/ 7:49PM	6:53AM/8:51PM
<b>Moon Phase/illu</b>	New Moon, 0%	Waxing Crescent, 3%	Waxing Crescent, 8%
<b>Nautical Twilight</b>	04:32, 19:24	04:32, 19:25	04:32, 19:25
<b>Civil Twilight</b>	04:59, 18:56	04:58, 18:57	04:58, 18:57
<b>Humidity</b>	D : 86%    N : 91%	D : 83%    N : 93%	D : 83%    N : 93%
<b>Barometer (mb)</b>	1007	1007	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	70%	55%
<b>Wind (km/hr)</b>	13 Km/h, SSE	16 Km/h, S	12 Km/h, S

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



# SATELLITE VIEW OF BAY OF BENGAL



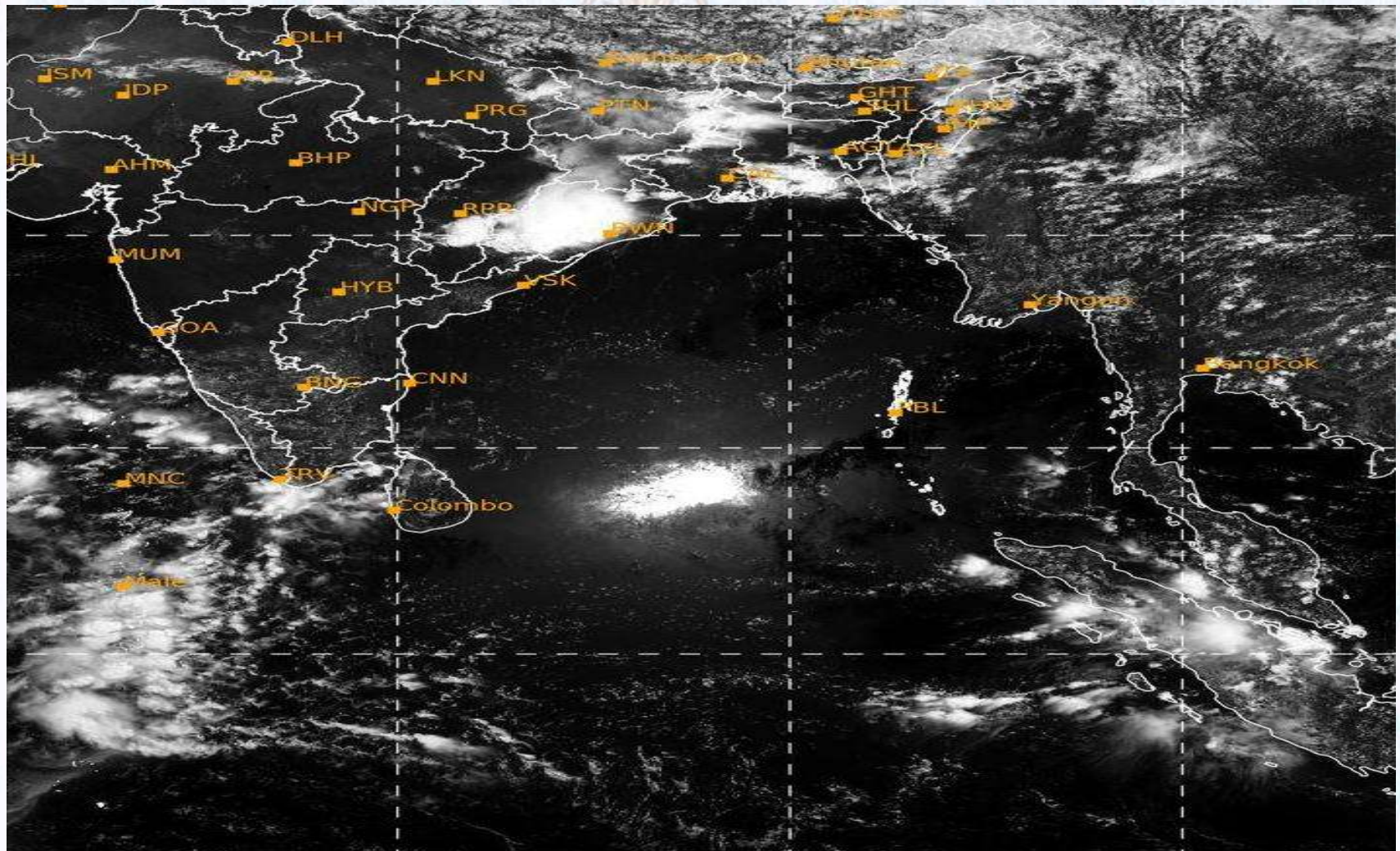
11/05/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



11/05/2021, 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 11.05.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER NORTH BAY.
	Wind	SOUTH-WEST/ SOUTH ERLY 08-12 KTS TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 11,0000 UTC. CHATTOGRAM =1009 HPA



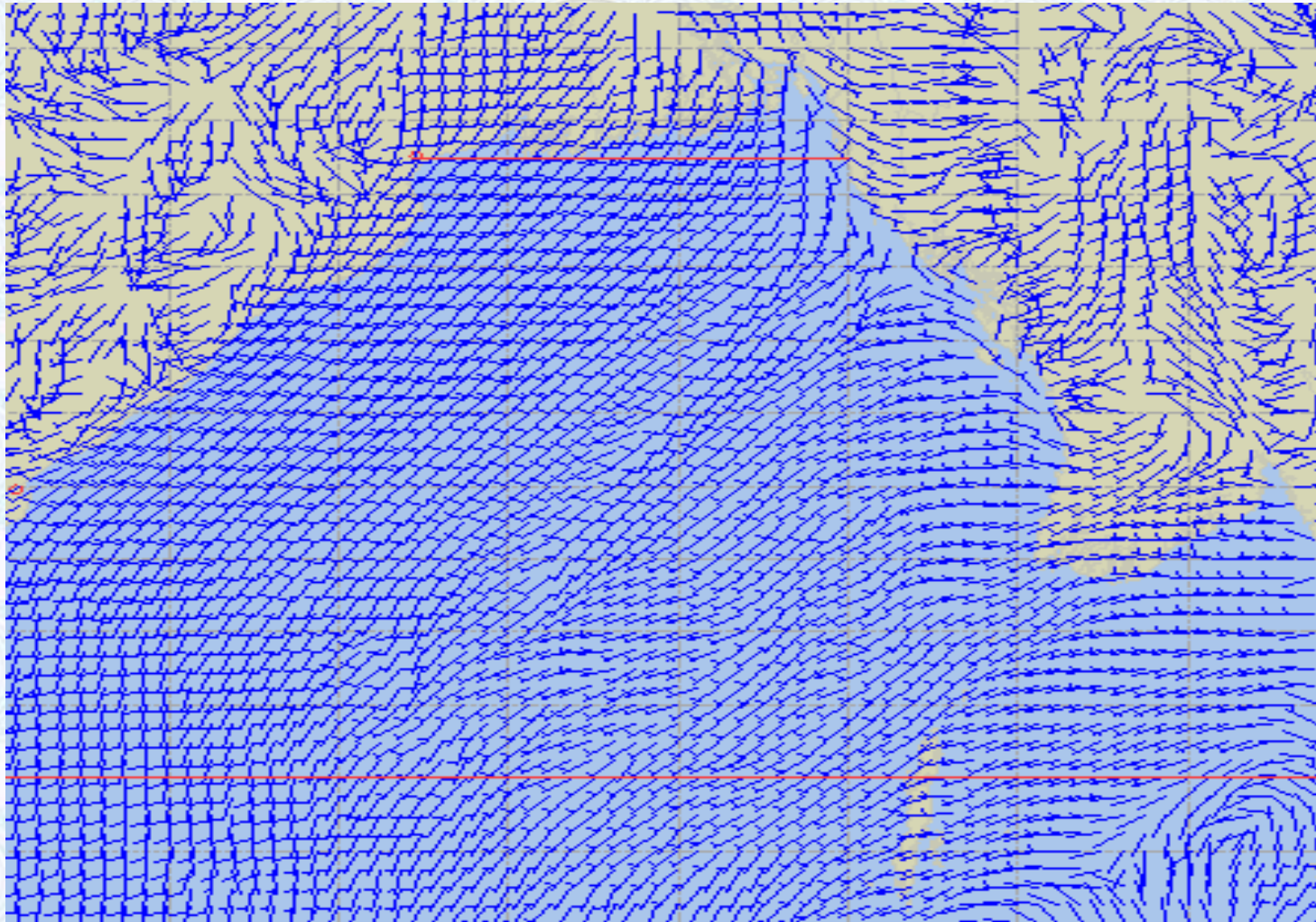
# Inland River Port Warning (VALID TILL 06 PM OF 11.05.2020)

RAIN/THUNDER SHOWERS TEMPORARY **WEST/NORTH-WESTERLY**  
GUSTY/SQUALLY WIND SPEED (**45-60**) KPH IS LIKELY TO OCCUR OVER THE  
REGIONS OF RAJSHAHI, DINAJPUR, RANGPUR, PABNA, BOGURA, TANGAIL,  
MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL,  
PATUAKHALI, NOAKHALI, CUMILLA, COX'S BAZAR, CHATTOGRAM AND SYLHET  
WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 12 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



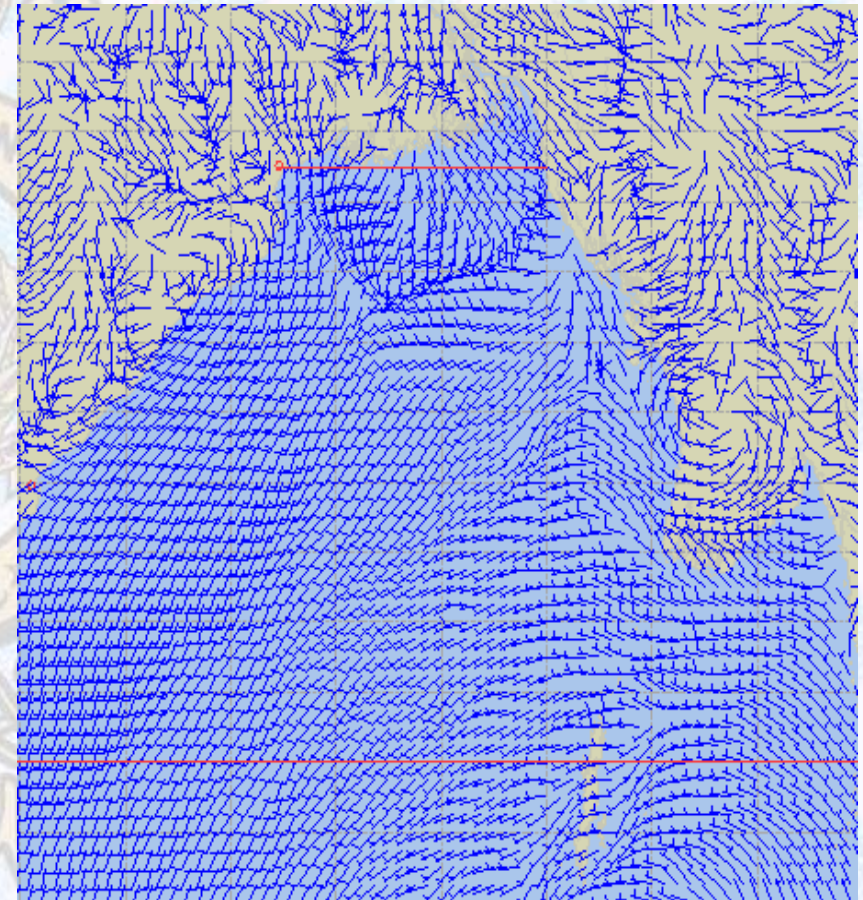
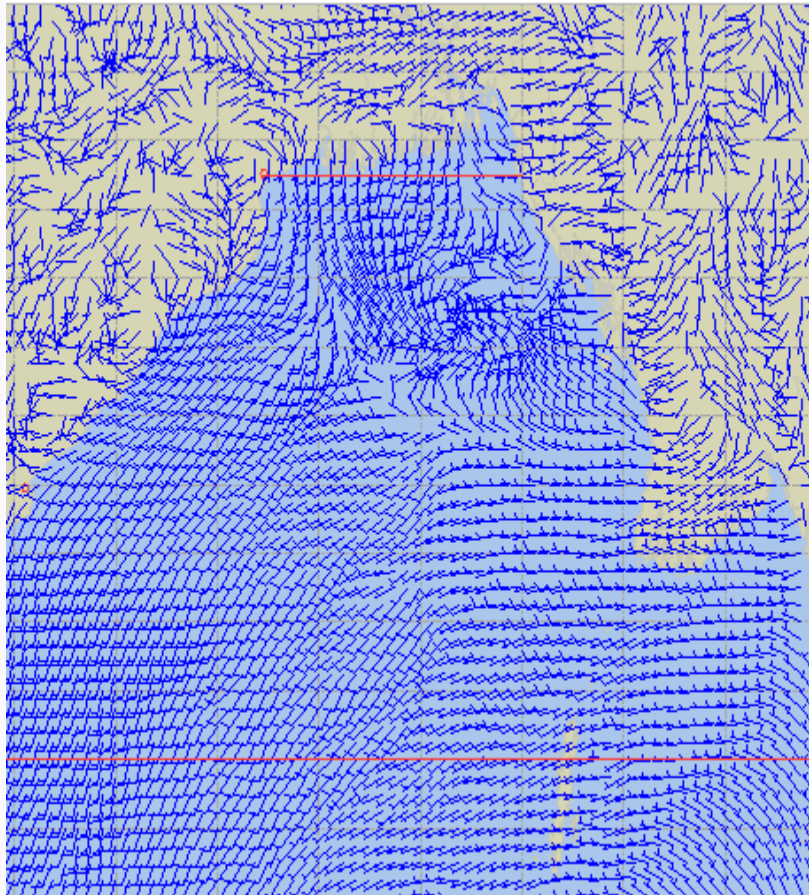
**60 Knots**



# Surface Wind Forecast – 13 & 14 May - 2021

13 May 21 Thursday

14 May 21 Friday



**Legend:**



Calm  
Winds



5 Knots



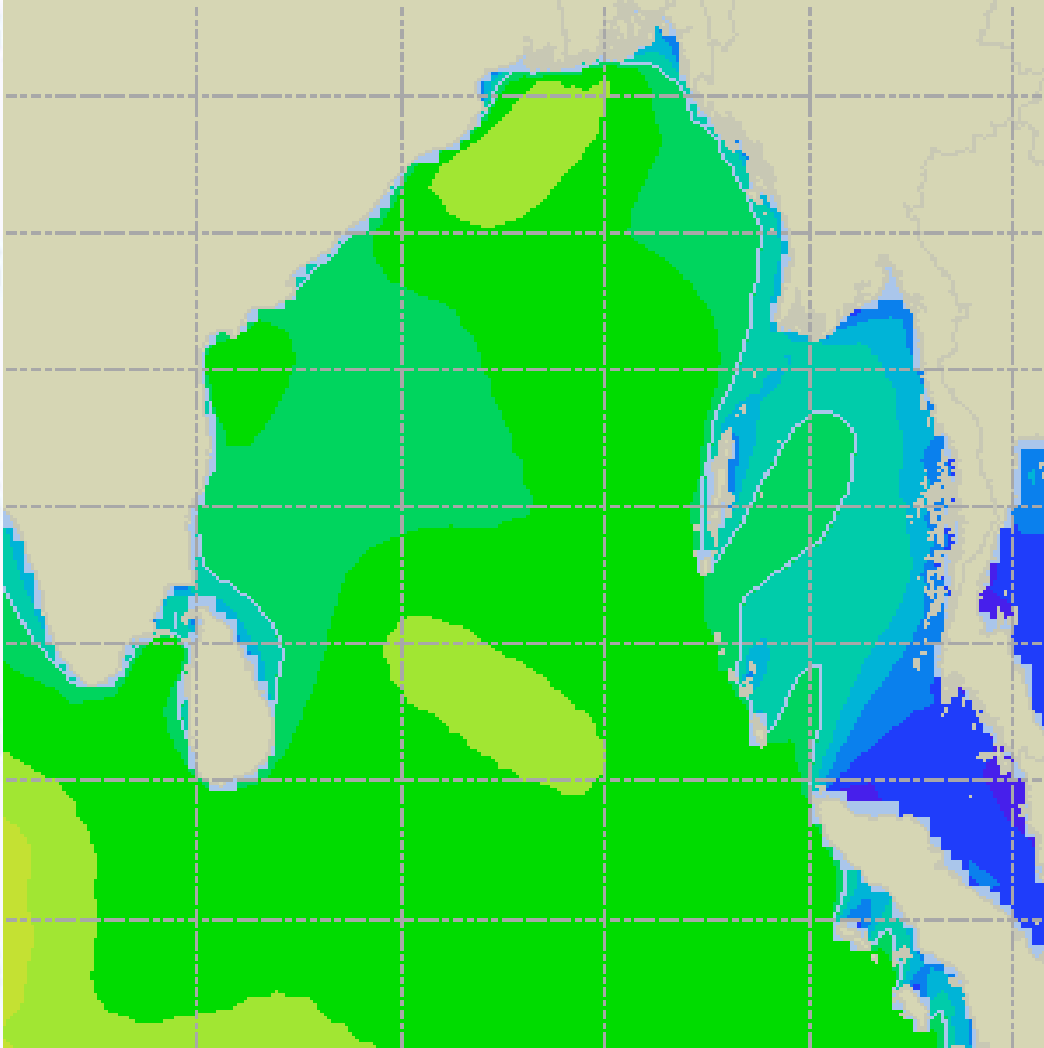
10 Knots



60 Knots



# Sea State Forecast – 12 May - 2021



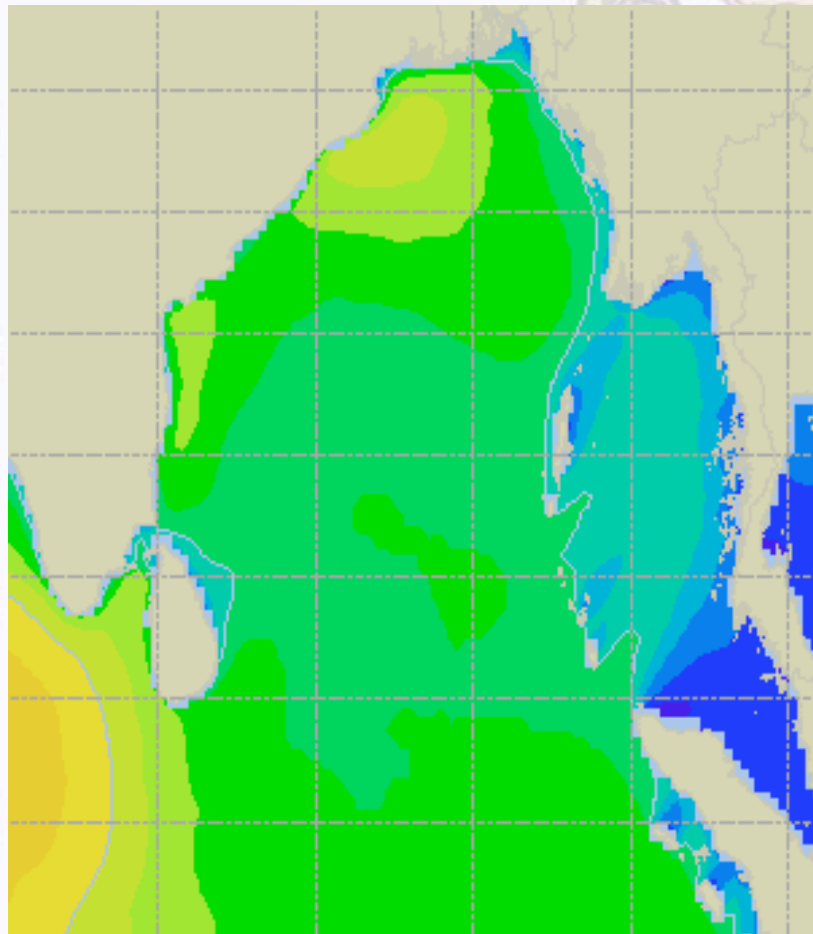
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



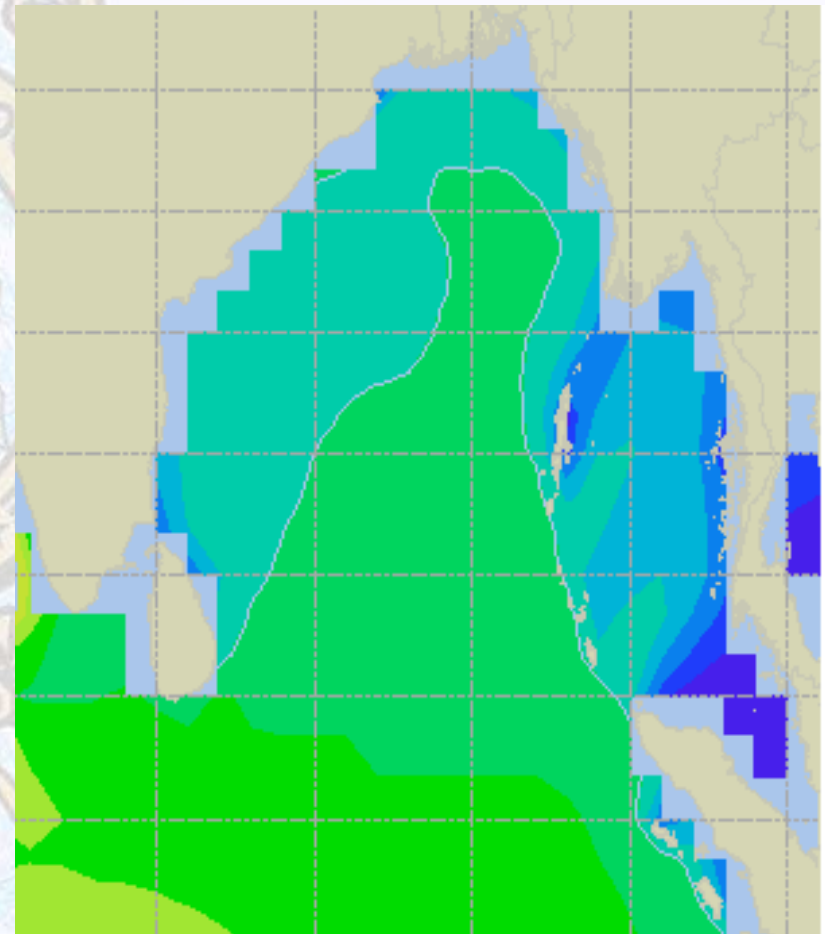


# Sea State Forecast – 13 & 14 May - 2021

13 May 21 Thursday



14 May 21 Friday

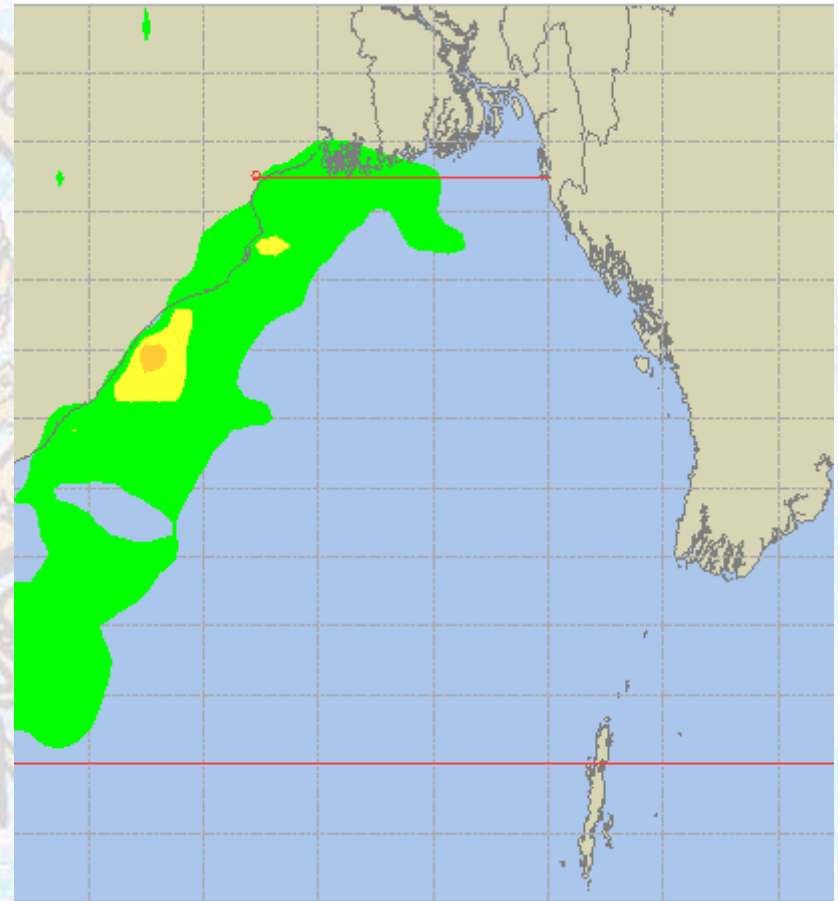
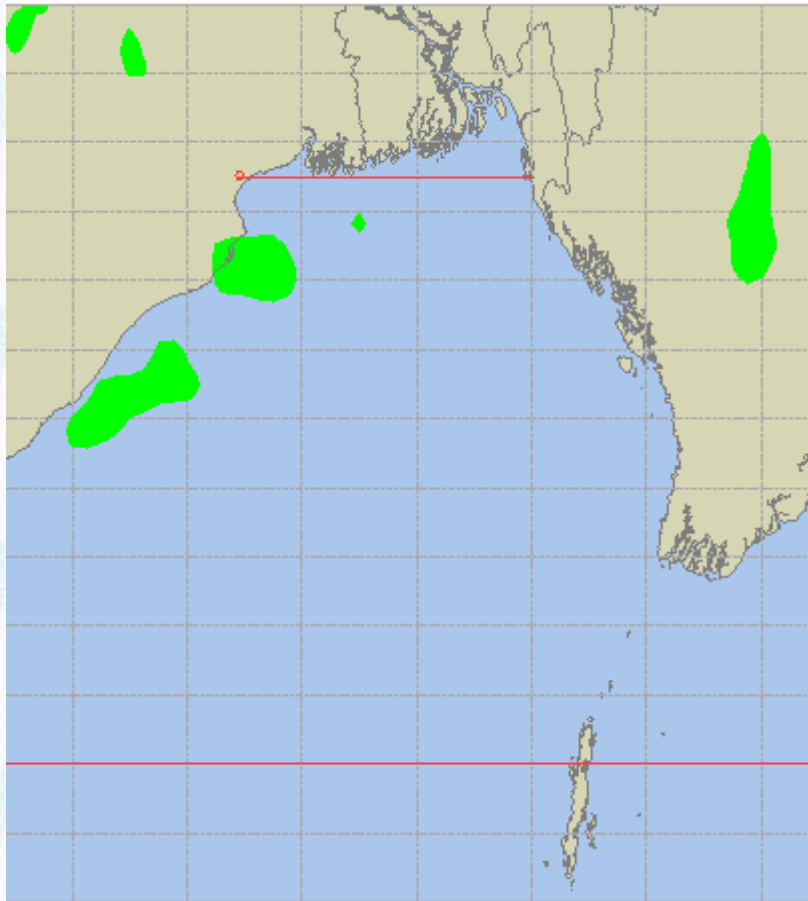




# Peak Gusting Possibilities— 12 & 13 May 2021

12 May 21 Wednesday

13 May 21 Thursday

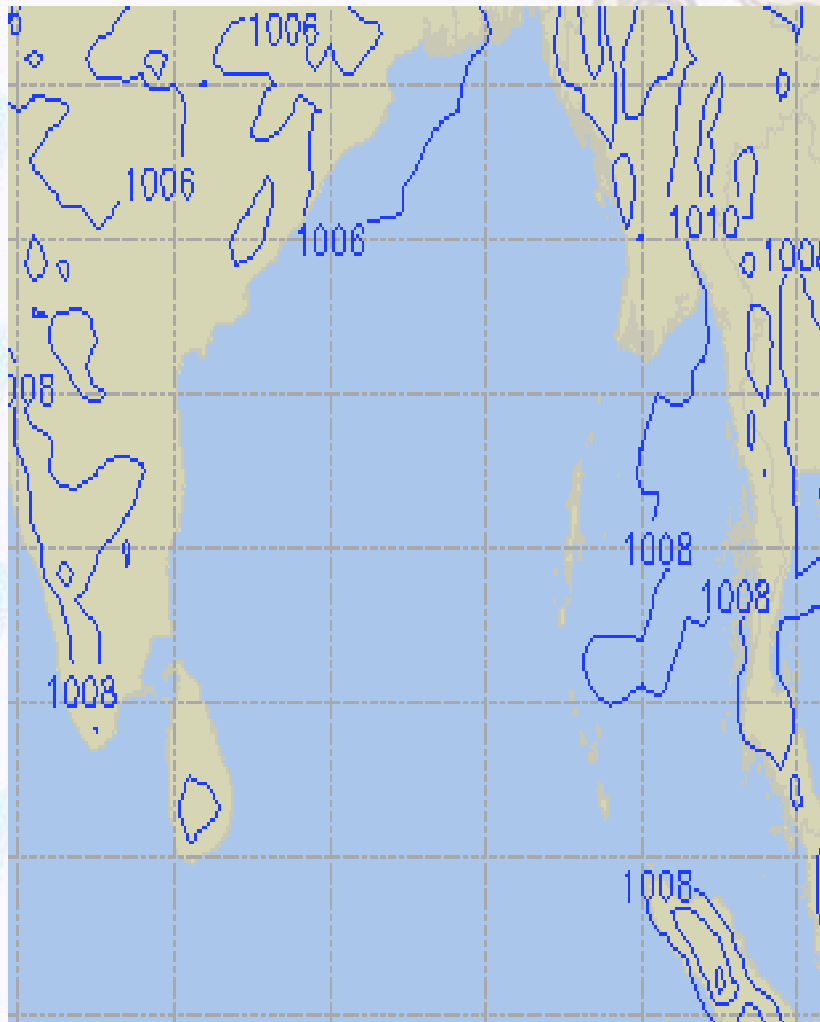




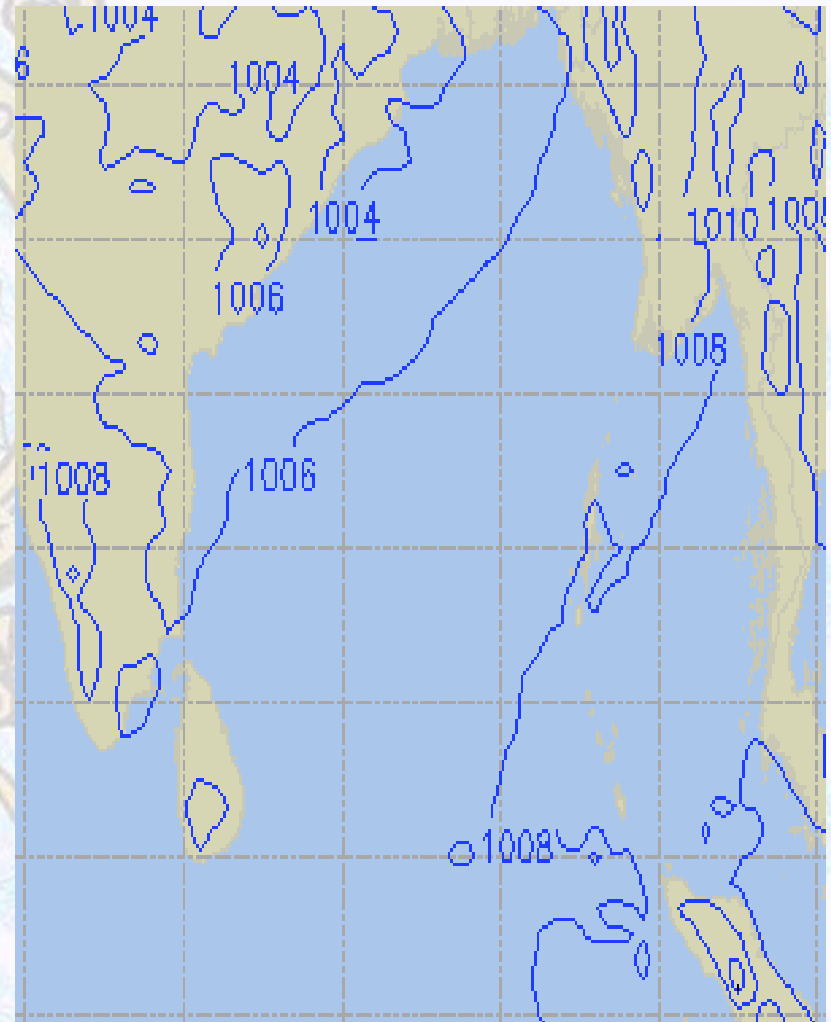


# Surface Pressure forecast – 12 & 13 May 2021

**12 May 21 Wednesday**



**13 May 21 Thursday**

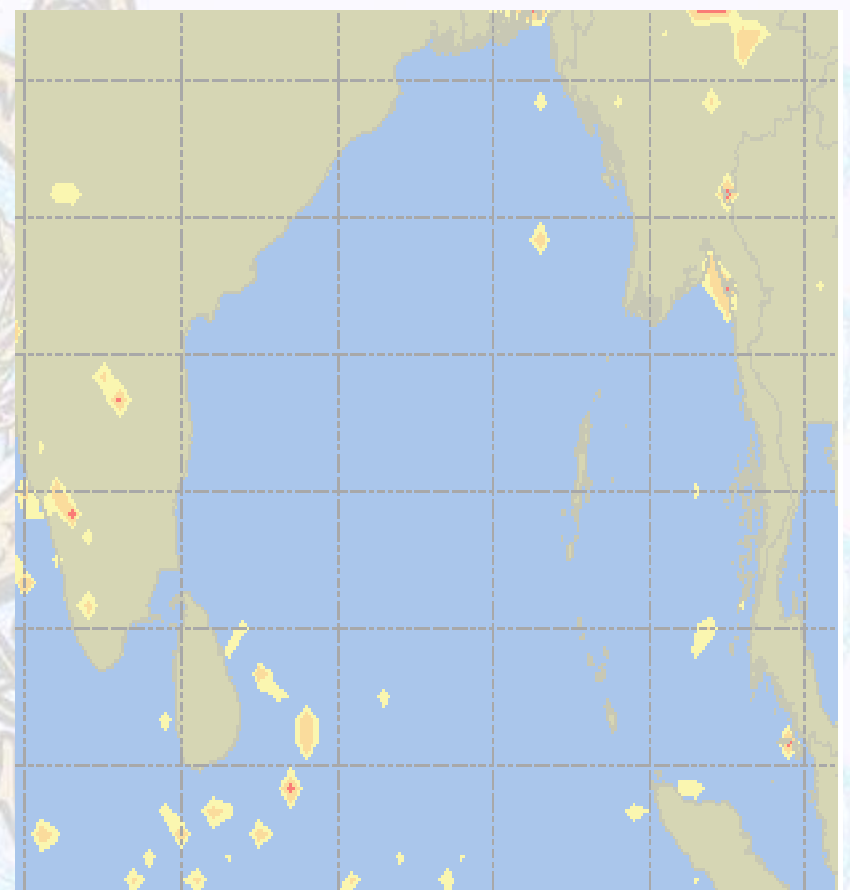
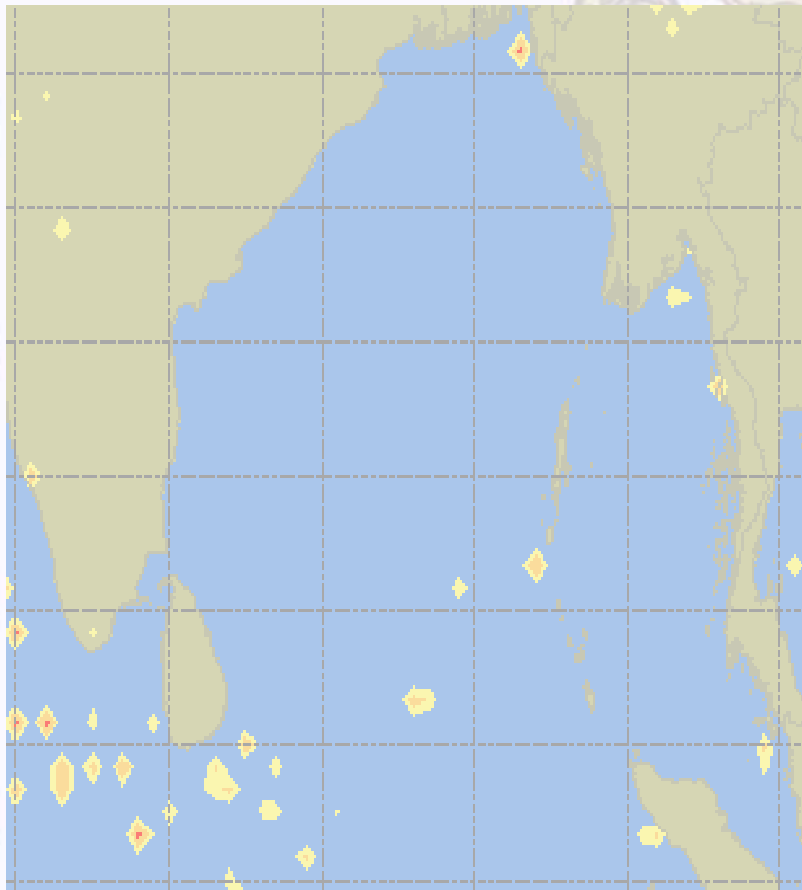




# Visibility at Sea Forecast – 12 & 13 May 2021

12 May 21 Wednesday

13 May 21 Thursday



**Visibility Scale:**

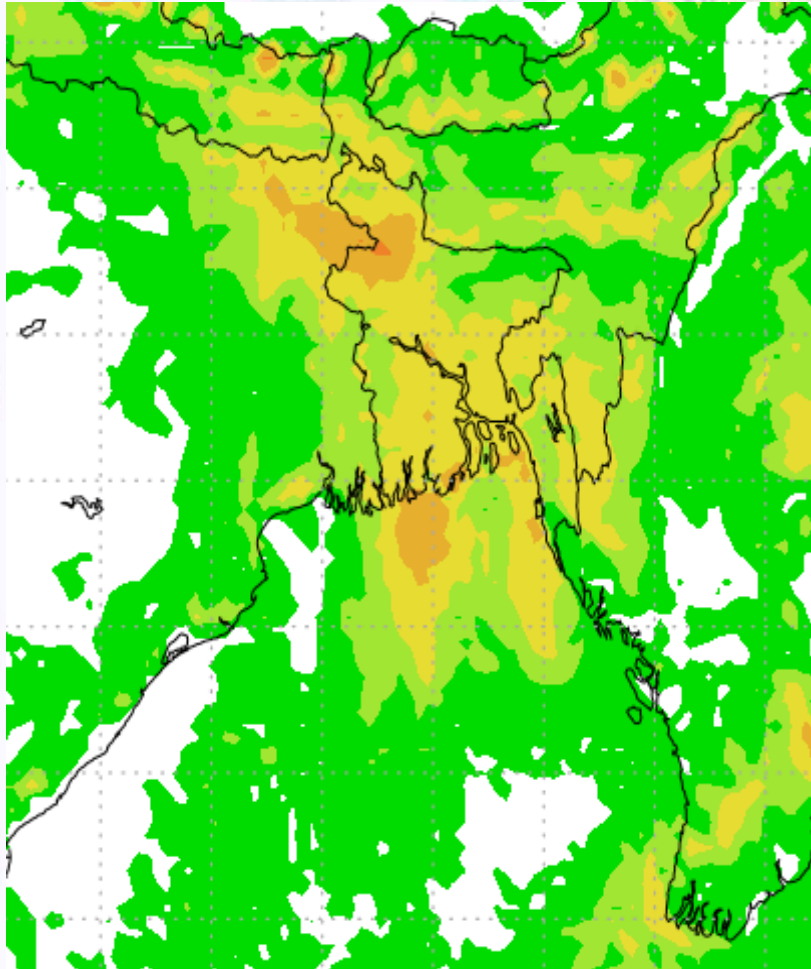


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

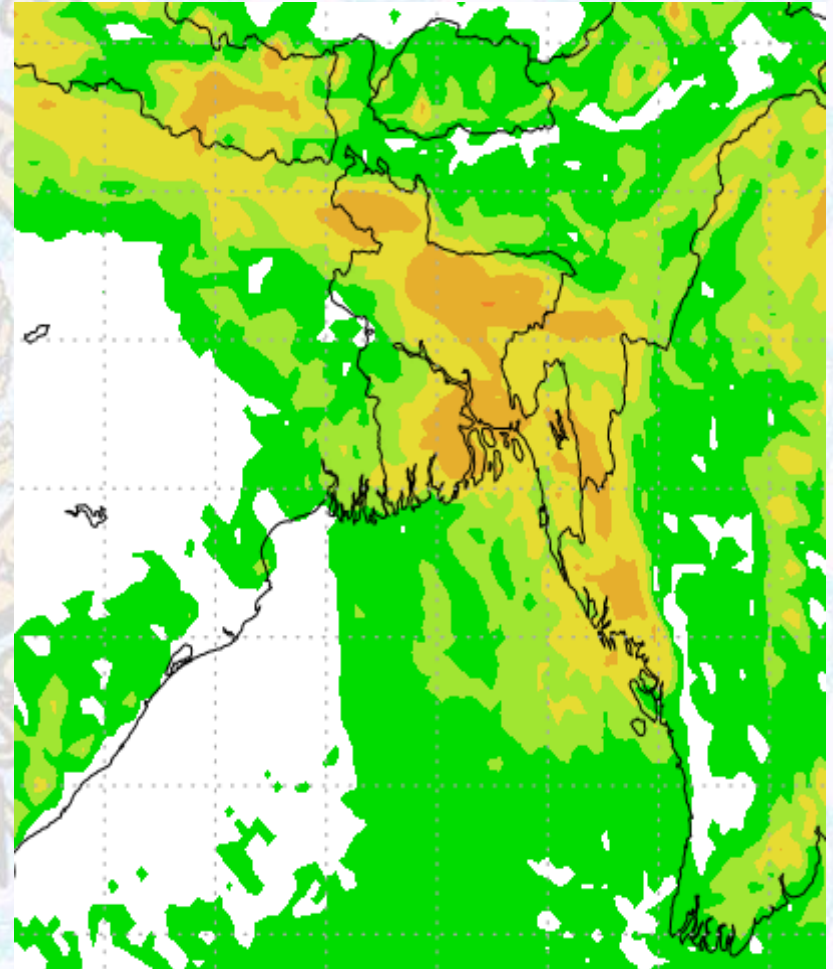


# Precipitation

Rain(mm) 12 & 13 May 2021



Rain(mm) 13 & 14 May 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>12 May 2021</b>	0108	4.52		0514	0.54		0448	0.68
	0729	0.66		1103	3.49		1056	3.09
	1321	4.79		1736	0.63		1719	0.83
	1953	0.75		2315	3.19		2307	2.79
<b>13 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0134	4.53		0543	0.53		0515	0.68
	0755	0.63		1136	3.47		1124	3.09
	1346	4.79		1805	0.64		1748	0.86
	2020	0.78		2346	3.12		2336	2.77
<b>14 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0202	4.50		0543	0.71		0543	0.71
	0821	0.64		1152	3.06		1152	3.06
	1413	4.76		1817	0.92		1817	0.92
	2048	0.83		-	-		-	-