



**WEATHER FORECAST FOR BN**

**18 - 21 MAY 2021**



# WEATHER FORECAST – DHAKA

## 18.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36°C / 25°C	36°C / 25°C	32°C / 26°C	30°C / 25°C
Wind	16 km/h SSW	16 km/h SSW	12 km/h S	13 m/h SSW
Humidity	55%	56%	67%	74%
Chance of Precip	63%	45%	50%	40%
Cloud Cover	75%	71%	74%	80%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise / Sunset	0516 / 1836			

### Conditions

Pressure : 1006 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 18.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 26°C	31°C / 26°C	30°C / 27°C	29°C / 26°C
Wind	17 km/h SW	17 km/h SW	13 km/h SW	12 km/h SSW
Humidity	70%	71%	86%	85%
Chance of Precip.	1%	1%	6%	6%
Cloud Cover	13%	24%	43%	53%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0513 / 1827			

### Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 18.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37°C / 26°C	36°C / 26°C	32°C / 27°C	29°C / 26°C
Wind	17 km/h SSW	17 km/h SSW	14 km/h SSW	15 m/h SSW
Humidity	53%	56%	74%	84%
Chance of Precip.	12%	17%	14%	16%
Cloud Cover	39%	53%	57%	72%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise/ Sunset	0521 / 1837			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	19 May 2021	20 May 2021	21 May 2021
<b>Temperature (C)</b>	36°C / 29°C	36°C / 29°C	35°C / 28°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h17m05s/18h35m54s	5h16m26s/18h35m06s	5h16m26s/18h36m06s
<b>Day Length</b>	13h25m06s	13h25m37s	13h25m37s
<b>Moon Rise/ Set</b>	11:18AM 12:07AM	12:16PM 12:49AM	1:15PM 1:28AM
<b>Moon Phase/ illu</b>	First Quarter, 41%	Waxing Gibbous, 52%	Waxing Gibbous, 63%
<b>Nautical Twilight</b>	04:23, 19:25	04:22, 19:25	04:22, 19:26
<b>Civil Twilight</b>	04:52, 19:01	04:51, 19:02	04:51, 19:03
<b>Humidity</b>	D : 70% N : 78%	D : 66% N : 77%	D : 68% N : 77%
<b>Barometer (mb)</b>	1005	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	59%	24%	39%
<b>Wind (km/hr)</b>	15 Km/h, SSW	17 Km/h, SSW	16 Km/h, SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 May 2021	20 May 2021	21 May 2021
<b>Temperature (C)</b>	32°C/ 28°C	33°C/ 28°C	33°C/ 28°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h13m46s/ 18h26m09s	5h13m46s/ 18h27m28s	5h13m15s/ 18h27m53s
<b>Day Length</b>	13h17m08s	13h18m08s	13h18m08s
<b>Moon Rise/ Set</b>	11:14AM/ -	12:12PM 12:41AM	1:11PM 1:21AM
<b>Moon Phase/ illu</b>	First Quarter, 42%	Waxing Gibbous, 52%	Waxing Gibbous, 63%
<b>NauticalTwilight</b>	04:22, 19:21	04:21, 19:21	04:21, 19:22
<b>Civil Twilight</b>	04:48, 18:48	04:48, 18:49	04:47, 18:49
<b>Humidity</b>	D : 76% N : 86%	D : 76% N : 89%	D : 75% N : 89%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	24%	33%	24%
<b>Wind (km/hr)</b>	20 Km/h, SSW	19 Km/h, SW	17 Km/h, SW

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



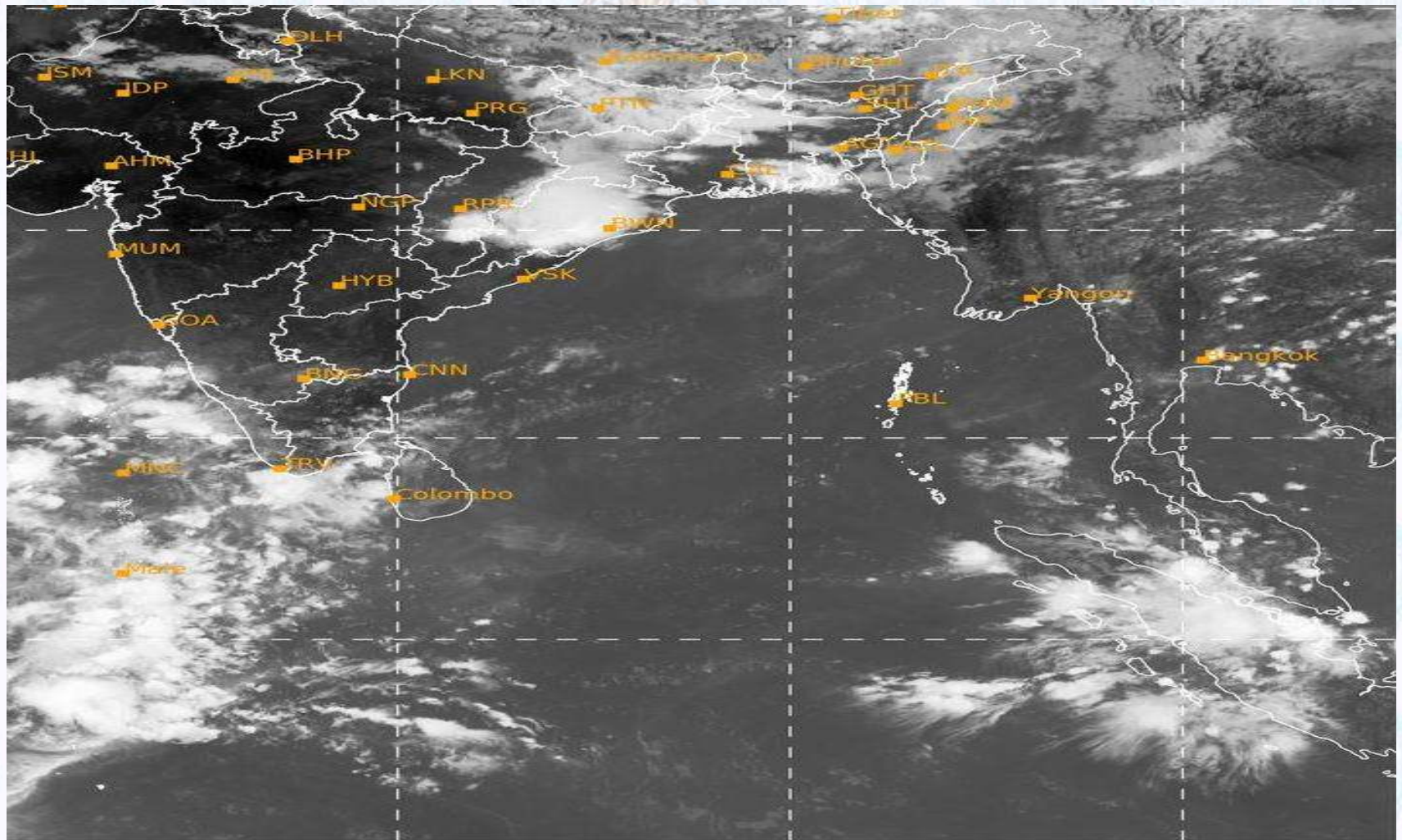
# GENERAL WEATHER FORECAST – KHULNA

Description	19 May 2021	20 May 2021	21 May 2021
<b>Temperature(C)</b>	35°C / 29°C	35°C / 29°C	35°C / 29°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h22m25s/ 18h36m15s	5h21m15s/ 18h37m35s	5h21m03s/ 18h37m54s
<b>Day Length</b>	13h 16m 25s	13h 16m 54s	13h 16m 54s
<b>Moon Rise/Set</b>	11:23AM 12:09AM	12:21PM 12:51AM	1:20PM 1:31AM
<b>Moon Phase/illu</b>	First Quarter, 41%	Waxing Gibbous, 52%	Waxing Gibbous, 63%
<b>Nautical Twilight</b>	04:30, 19:29	04:30, 19:30	04:29, 19:31
<b>Civil Twilight</b>	04:56, 19:02	04:55, 19:02	04:54, 19:03
<b>Humidity</b>	D : 71% N : 82%	D : 69% N : 84%	D : 71% N : 85%
<b>Barometer (mb)</b>	1005	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	24%
<b>Wind (km/hr)</b>	21 Km/h, SSW	21 Km/h, SSW	18 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



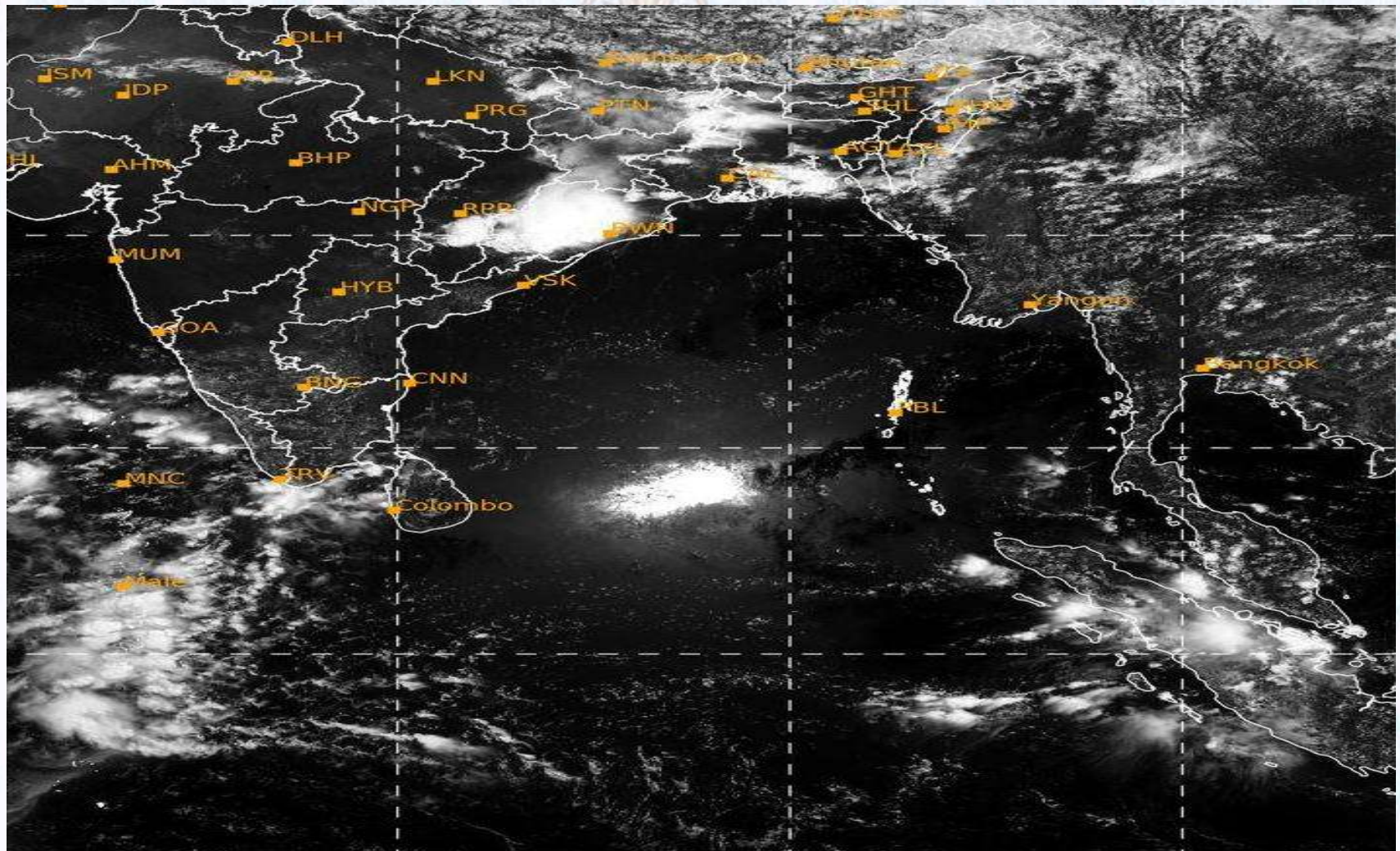
18/05/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/05/2021, 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 18.05.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	SOUTH-WEST/ SOUTHERLY 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1008 HPA



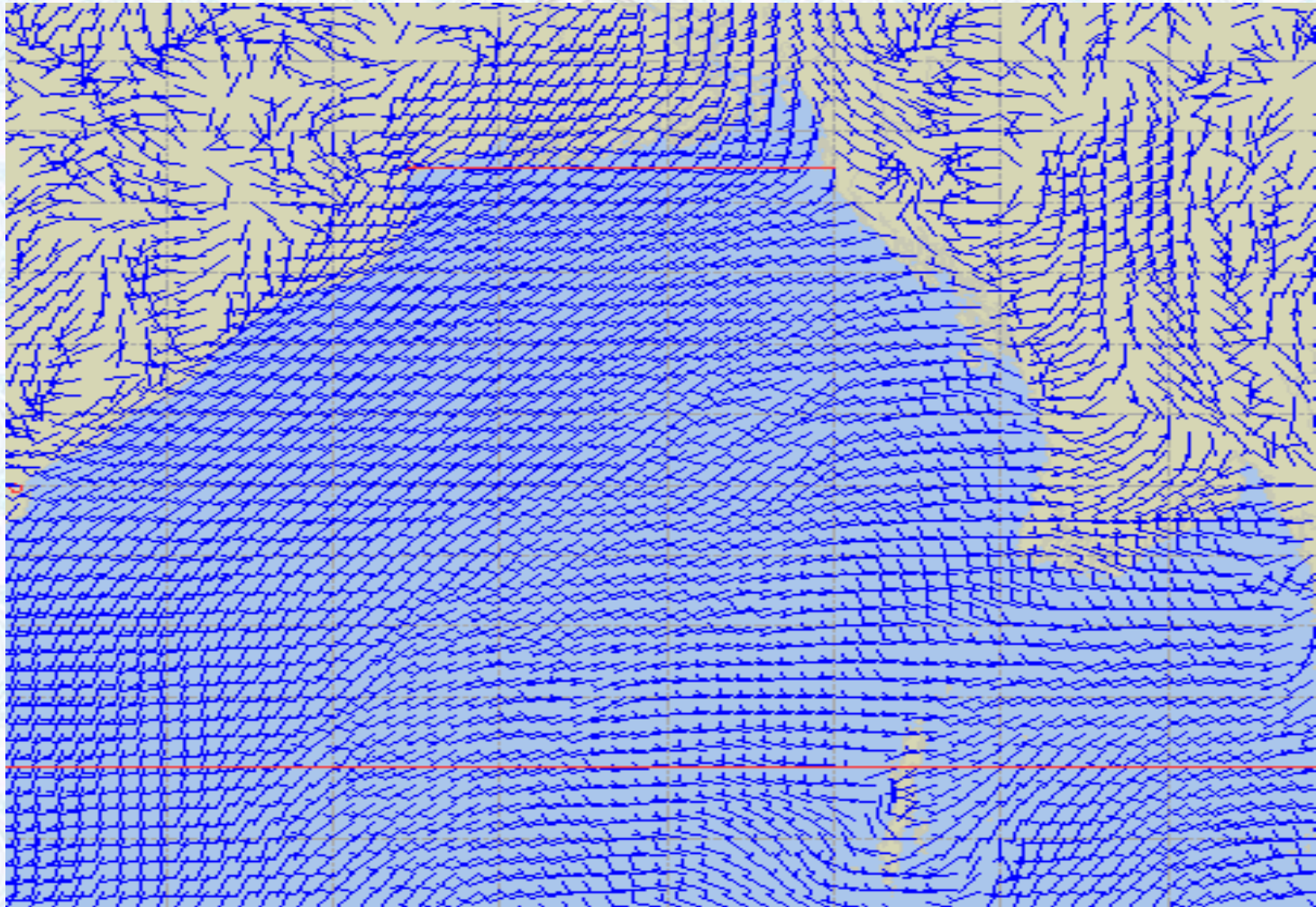
## **Inland River Port Warning** **(VALID TILL 06 PM OF 18.05.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY WEST/NORTH-WESTERLY GUSTY/SQUALLY WIND SPEED (45-60) KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, SYLHET, DHAKA, CUMILLA AND CHATTOGRAM WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 19 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



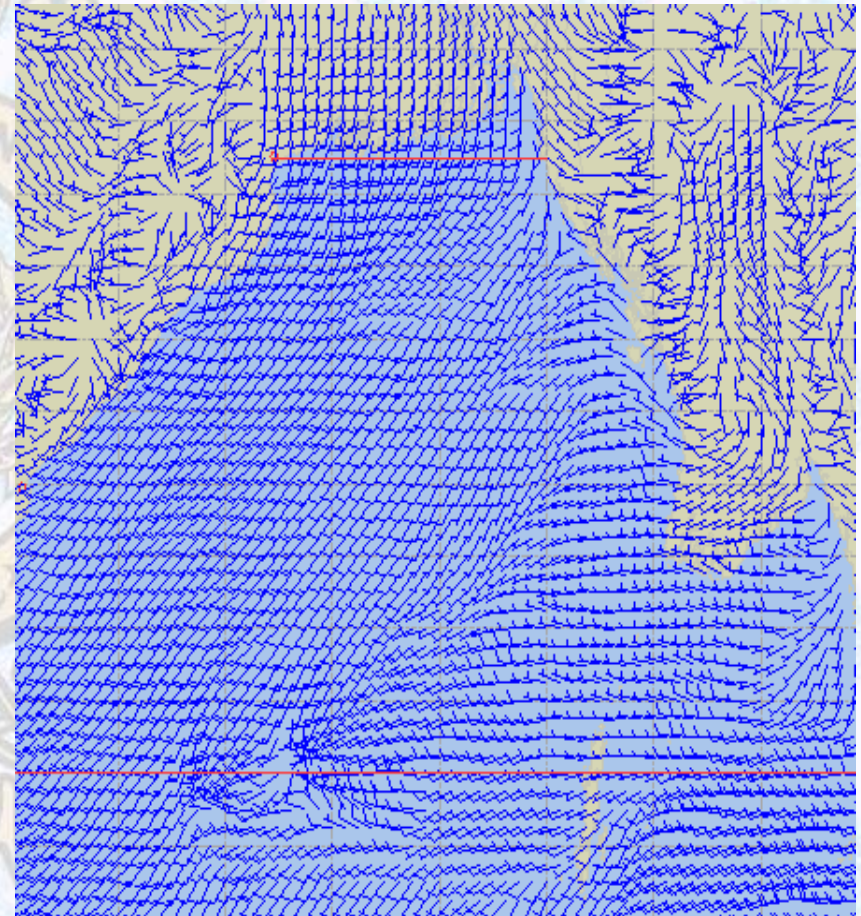
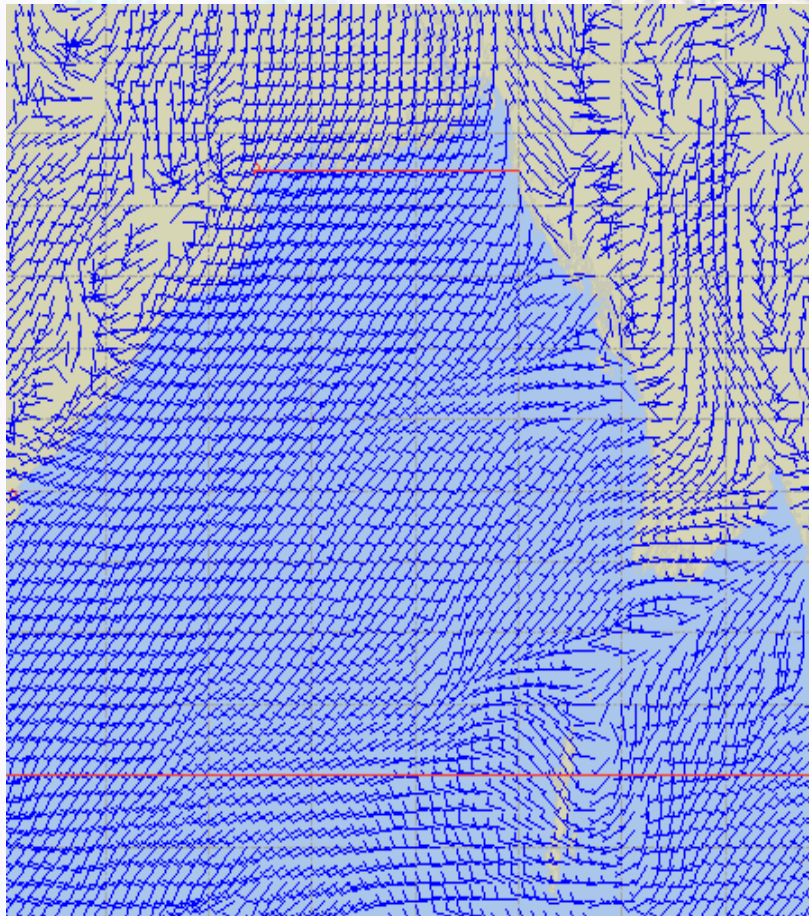
**60 Knots**



# Surface Wind Forecast – 20 & 21 May - 2021

20 May 21 Thursday

21 May 21 Friday



**Legend:**



Calm  
Winds



5 Knots



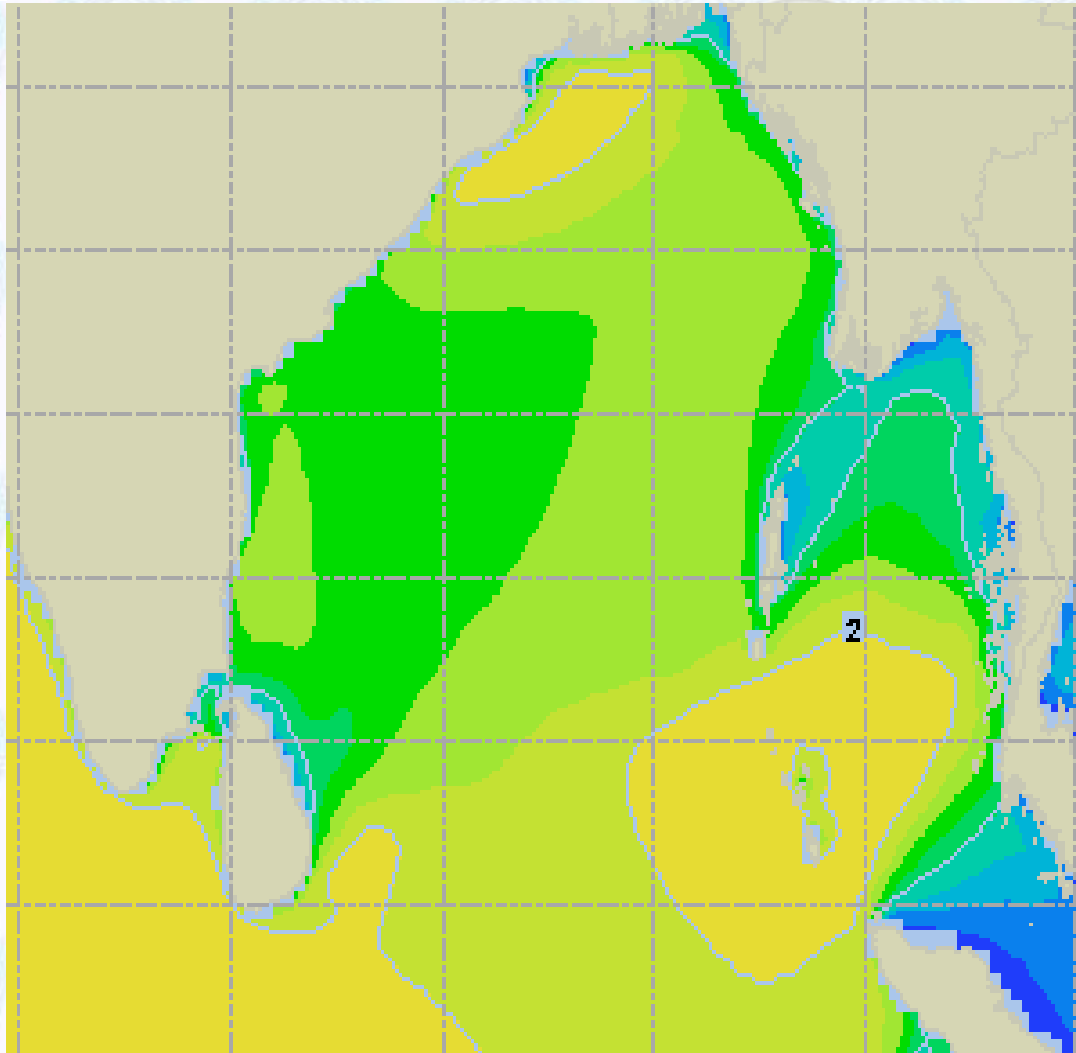
10 Knots



60 Knots



# Sea State Forecast – 19 May - 2021



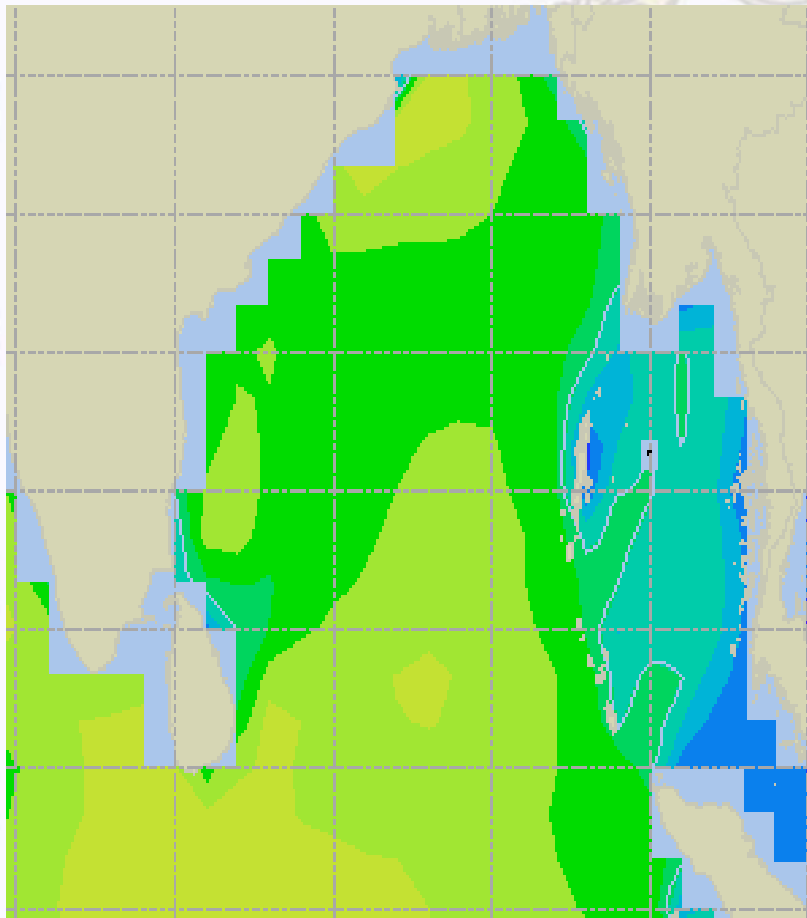
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



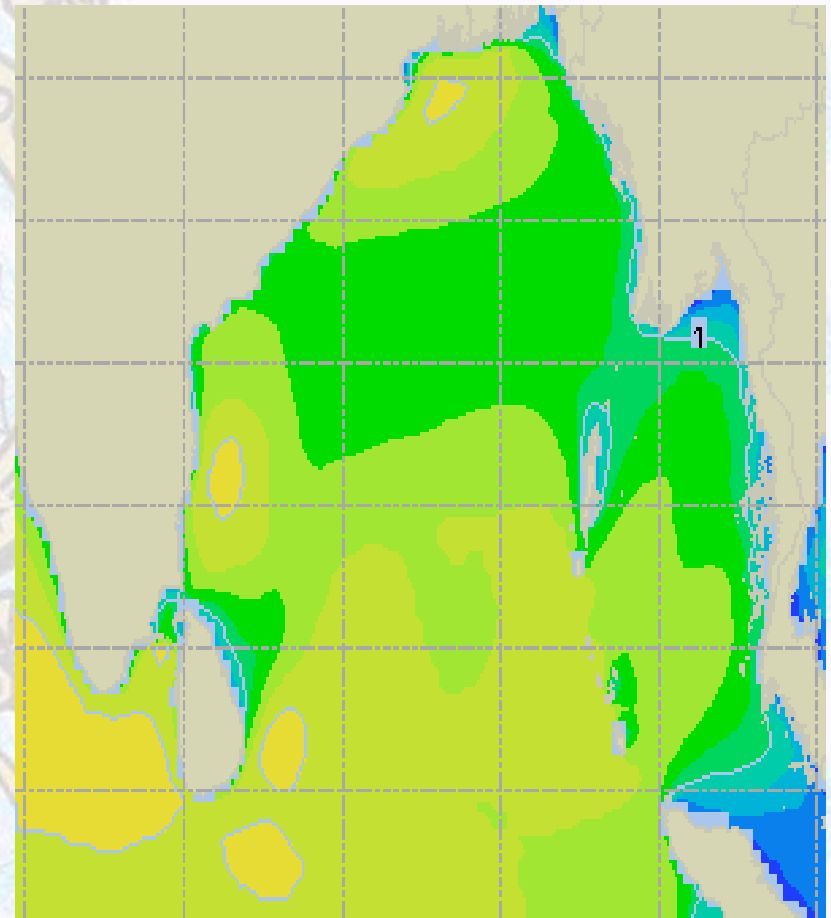


# Sea State Forecast – 20 & 21 May - 2021

**20 May 21 Thursday**



**21 May 21 Friday**

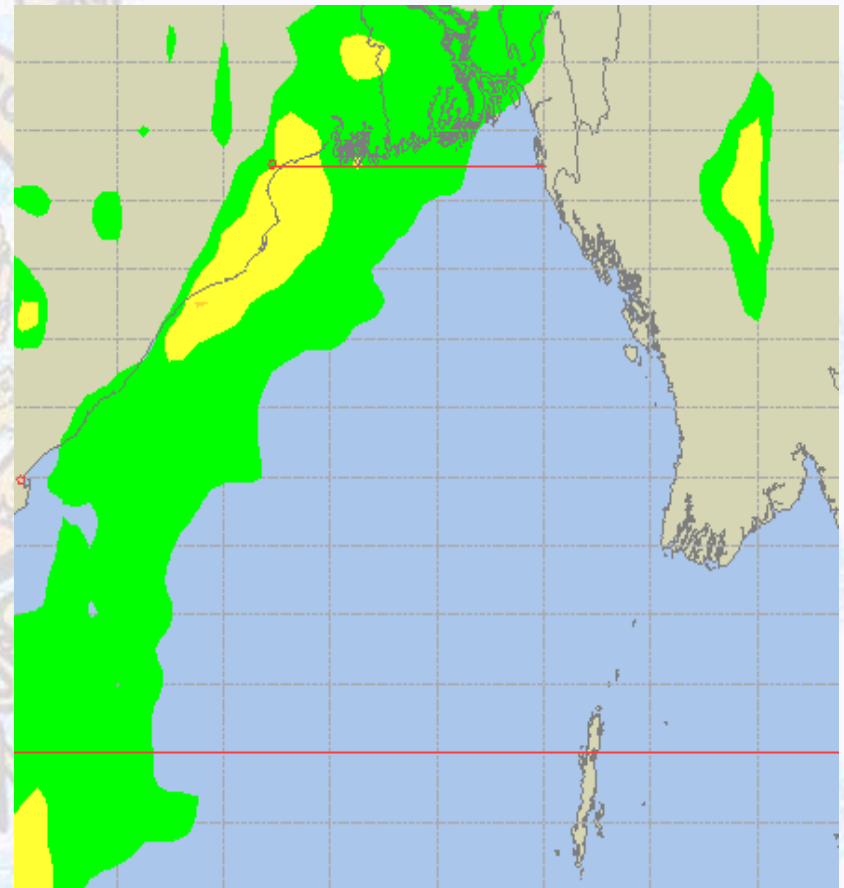
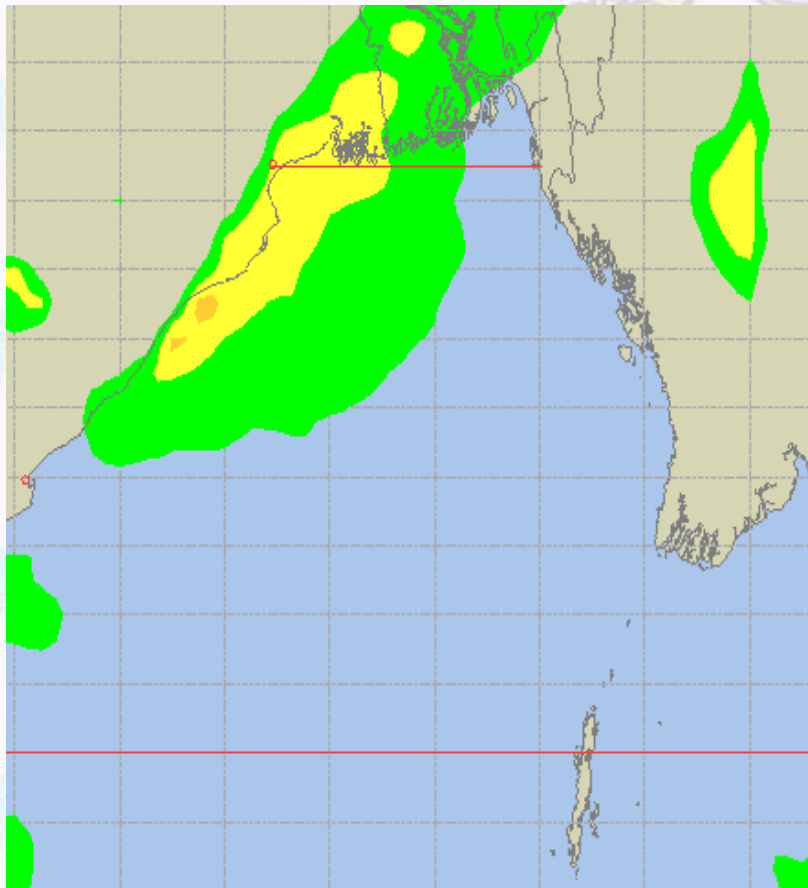




# Peak Gusting Possibilities— 19 & 20 May 2021

19 May 21 Wednesday

20 May 21 Thursday

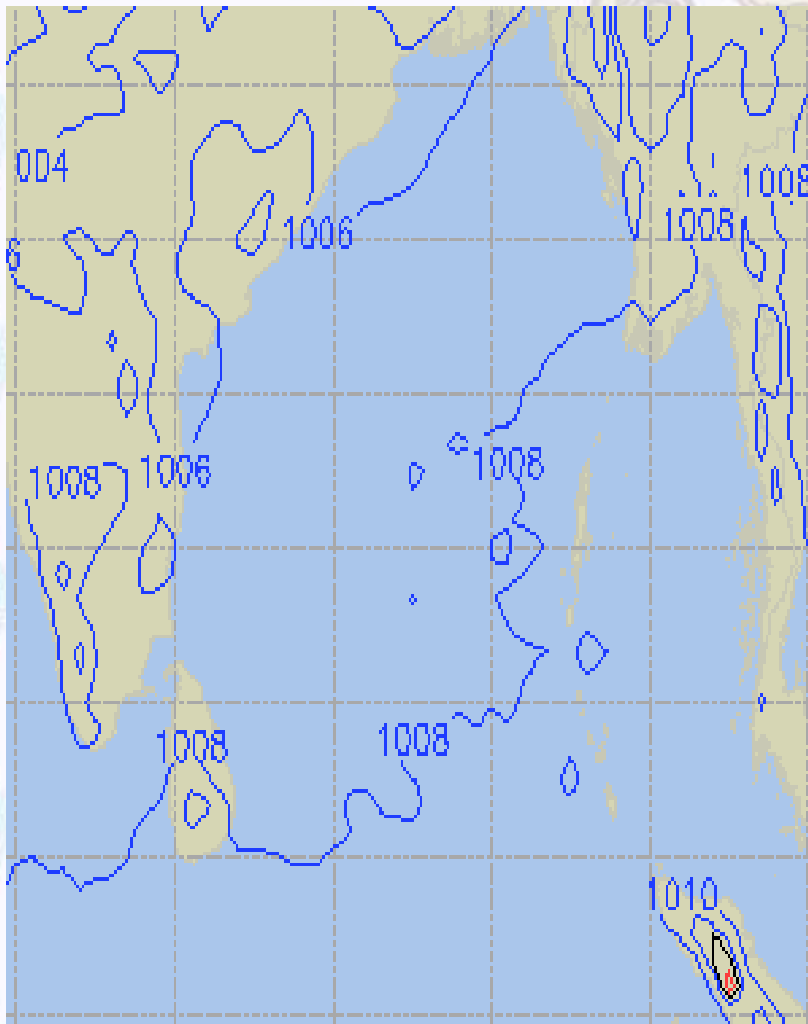




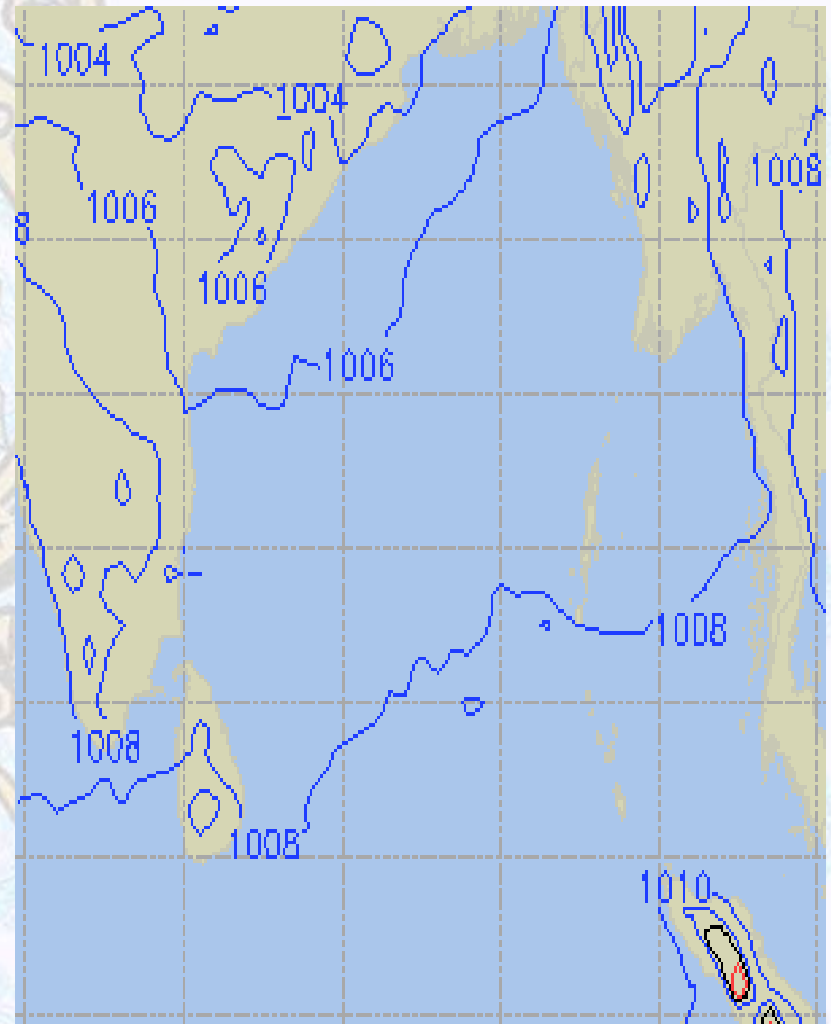


# Surface Pressure forecast – 19 & 20 May 2021

**19 May 21 Wednesday**



**20 May 21 Thursday**

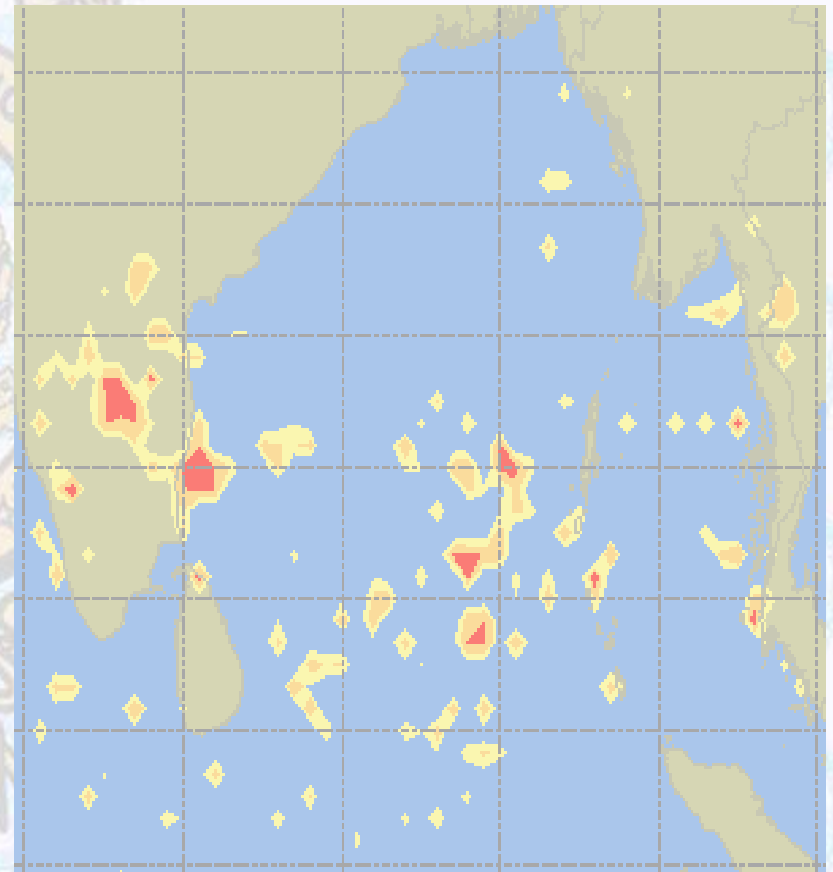
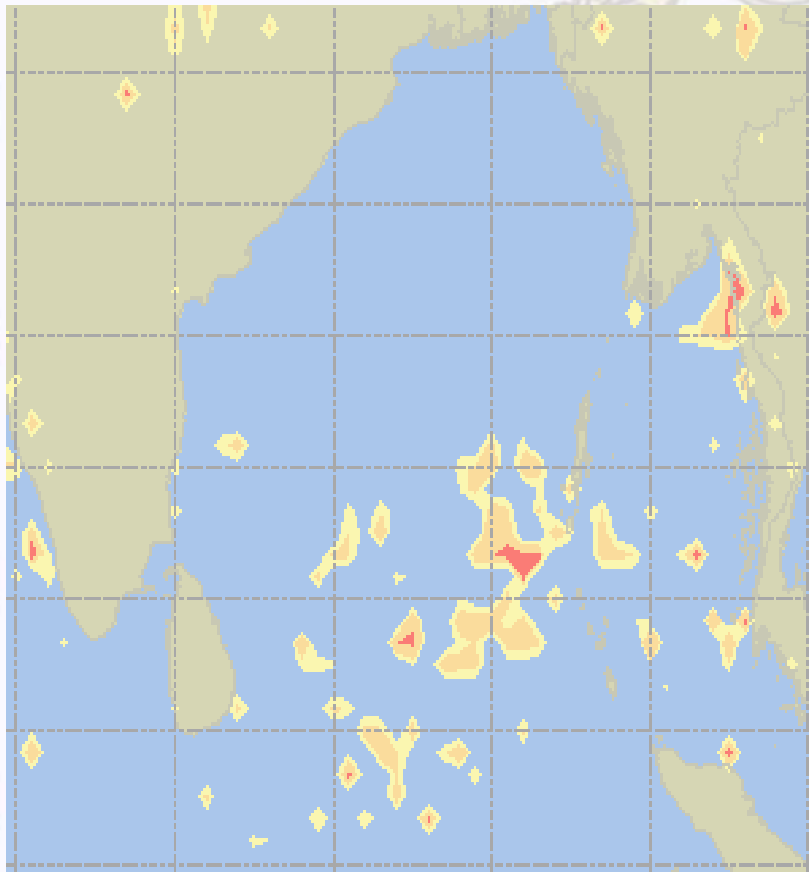




# Visibility at Sea Forecast – 19 & 20 May 2021

19 May 21 Wednesday

20 May 21 Thursday



**Visibility Scale:**

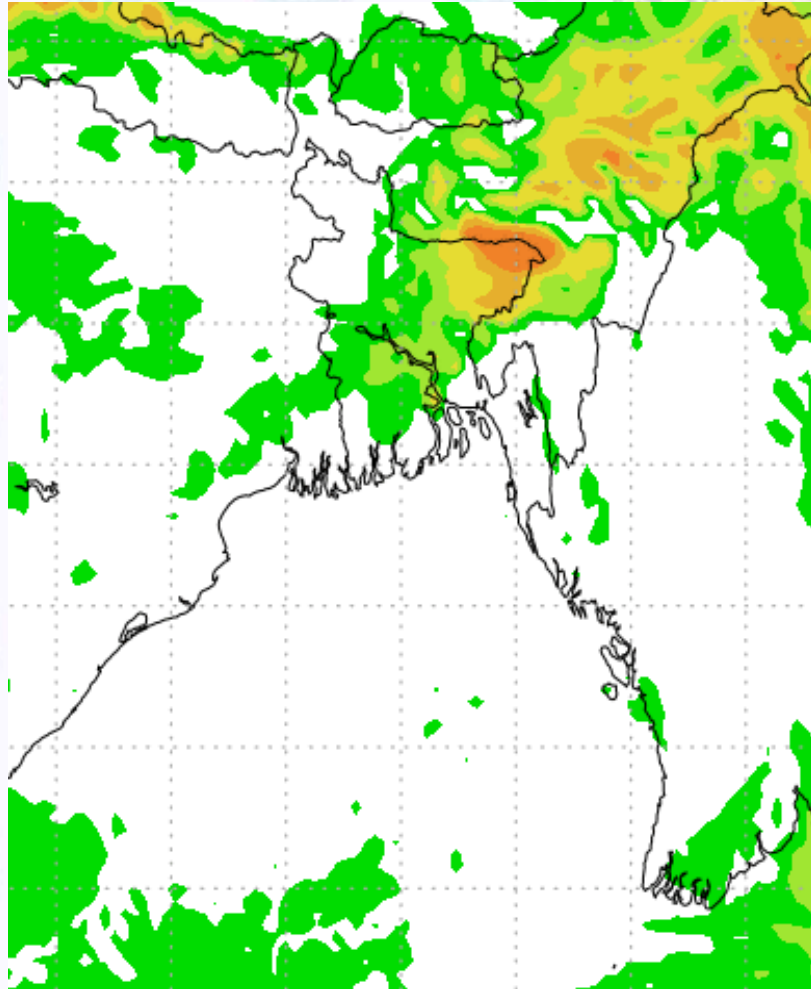


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

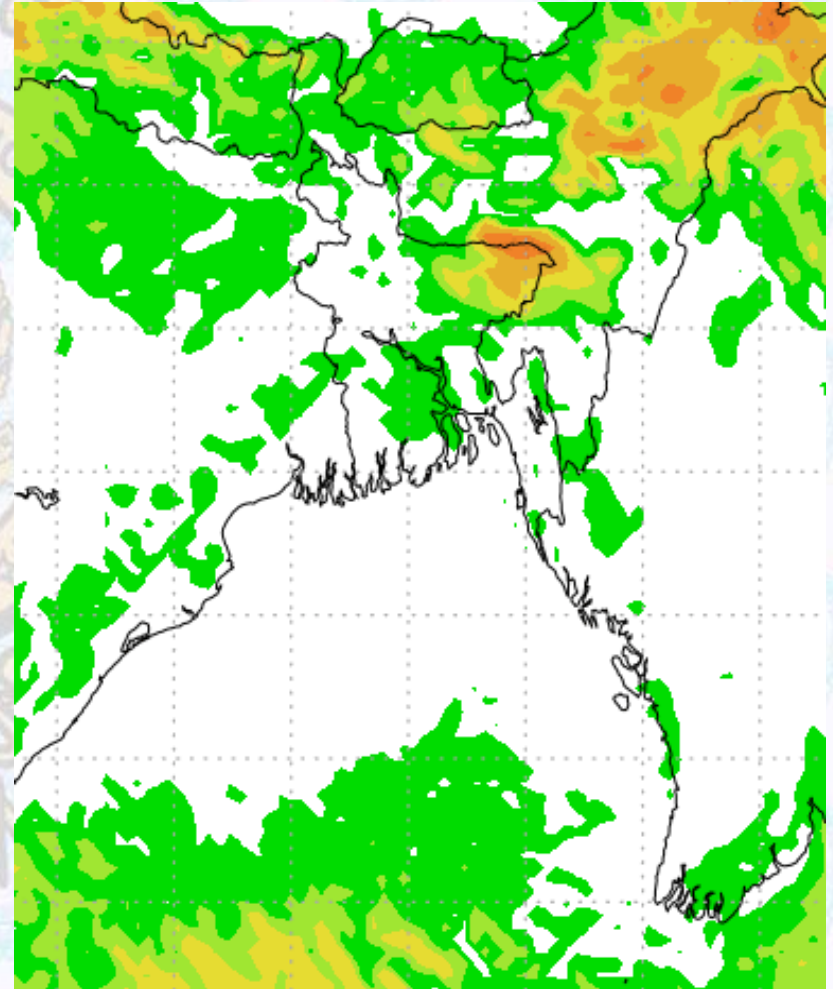


# Precipitation

Rain(mm) 19 & 20 May 2021



Rain(mm) 20 & 21 May 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>19 May 2021</b>	0543	3.85		0310	2.49		0258	2.46
	1152	1.16		0919	1.22		0900	1.29
	1810	4.17		1545	2.78		1525	2.74
	-	-		2215	1.25		2209	1.28
<b>20 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0051	1.35		0423	2.47		0413	2.45
	0659	3.86		1038	1.32		1019	1.38
	1312	1.57		1702	2.75		1636	2.70
	1926	4.16		2345	1.25		2324	1.23
<b>21 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0210	1.30		0552	2.60		0536	2.55
	0817	4.40		1208	1.30		1143	1.37
	1438	1.50		1820	2.85		1751	2.73
	2039	4.27		-	-		-	-