



**WEATHER FORECAST FOR BN**

**22 - 25 MAY 2021**



# WEATHER FORECAST – DHAKA

## 22.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35°C / 24°C	35°C / 25°C	33°C / 25°C	31°C / 26°C
Wind	14 km/h SW	14 km/h SW	9 km/h SSW	15 m/h SSW
Humidity	55%	57%	67%	69%
Chance of Precip	11%	45%	12%	4%
Cloud Cover	31%	40%	16%	21%
Conditions	Partly Cloudy	Partly Cloudy	Clear	Clear
Sunrise / Sunset	0513 / 1837			

### Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 22.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33°C / 26°C	32°C / 26°C	31°C / 28°C	30°C / 27°C
Wind	13 km/h W	15 km/h WSW	10 km/h WSW	7 km/h SSW
Humidity	68%	69%	85%	85%
Chance of Precip.	1%	1%	9%	15%
Cloud Cover	18%	15%	45%	49%
Conditions	Sunny	Sunny	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0510 / 1828			

### Conditions

Pressure : 1007 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 22.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35°C / 25°C	35°C / 25°C	33°C / 26°C	30°C / 26°C
Wind	11 km/h SSW	11 km/h SSW	11 km/h SSW	10 m/h SW
Humidity	54%	58%	71%	79%
Chance of Precip.	12%	14%	9%	6%
Cloud Cover	46%	41%	21%	16%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Clear
Sunrise/ Sunset	0518 / 1838			

### Conditions

Pressure : 1006 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	23 May 2021	24 May 2021	25 May 2021
<b>Temperature (C)</b>	36°C / 29°C	36°C / 28°C	34°C / 28°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Rain
<b>Sun Rise/Set</b>	5h12m48s/18h37m48s	5h12m36s/18h38m24s	5h12m18s/18h39m00s
<b>Day Length</b>	13h25m00s	13h25m48s	13h26m42s
<b>Moon Rise/ Set</b>	3:17PM/ 2:43AM	4:21PM/ 3:23AM	5:29PM/4:05AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 83%	Waxing Gibbous, 91%	Waxing Gibbous, 97%
<b>Nautical Twilight</b>	04:22, 19:27	04:21, 19:28	04:21, 19:29
<b>Civil Twilight</b>	04:51, 19:03	04:50, 19:04	04:50, 19:05
<b>Humidity</b>	D : 66% N : 75%	D : 66% N : 79%	D : 66% N : 79%
<b>Barometer (mb)</b>	1002	1000	999
<b>Visibility</b>	Moderate	Moderate	Poor
<b>Precip Chance</b>	15%	24%	54%
<b>Wind (km/hr)</b>	8 Km/h, NNW	10 Km/h, NNE	14 Km/h, ENE

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	23 May 2021	24 May 2021	25 May 2021
<b>Temperature (C)</b>	34°C/ 27°C	34°C/ 27°C	34°C/ 27°C
<b>Summary</b>	Partly Cloudy	Cloudy / Light Rain	Rain
<b>Sun Rise/Set</b>	5h09m15s/ 18h29m53s	5h09m42s/ 18h29m42s	5h09m24s/ 18h30m18s
<b>Day Length</b>	13h19m18s	13h20m00s	13h20m54s
<b>Moon Rise/ Set</b>	3:11PM / 2:33AM	4:14PM / 3:18AM	5:19PM / 4:14AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 83%	Waxing Gibbous, 91%	Waxing Gibbous, 97%
<b>Nautical Twilight</b>	04:21, 19:23	04:20, 19:24	04:20, 19:25
<b>Civil Twilight</b>	04:46, 18:49	04:45, 18:50	04:45, 18:51
<b>Humidity</b>	D : 72%    N : 87%	D : 71%    N : 89%	D : 73%    N : 84%
<b>Barometer (mb)</b>	1002	1000	997
<b>Visibility</b>	Moderate	Moderate	Poor
<b>Precip Chance</b>	24%	62%	62%
<b>Wind (km/hr)</b>	14 Km/h, WNW	13 Km/h, NW	18 Km/h, SE

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



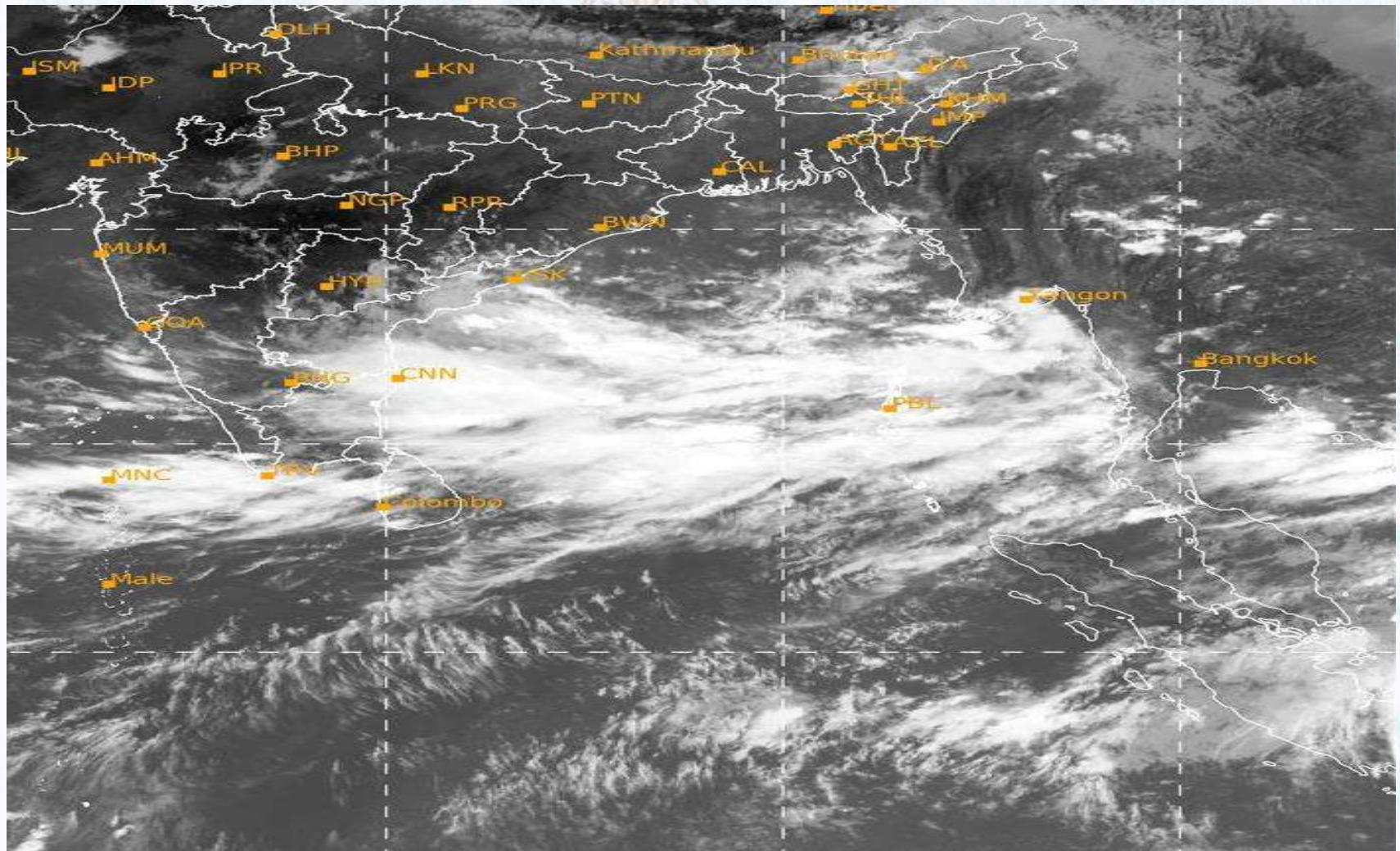
# GENERAL WEATHER FORECAST – KHULNA

Description	23 May 2021	24 May 2021	25 May 2021
<b>Temperature(C)</b>	36°C / 29°C	34°C / 28°C	31°C / 27°C
<b>Summary</b>	Partly Cloudy	Cloudy / Light Rain	Rain
<b>Sun Rise/Set</b>	5h18m06s/ 18h39m18s	5h17m54s/ 18h39m54s	5h17m36s/ 18h40m24s
<b>Day Length</b>	13h 21m 12s	13h 22m 00s	13h 22m 48s
<b>Moon Rise/Set</b>	3:17PM/ 2:43AM	4:24PM/ 3:27AM	5:19PM/4:15AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 83%	Waxing Gibbous, 91%	Waxing Gibbous, 97%
<b>Nautical Twilight</b>	04:29, 19:32	04:28, 19:33	04:28, 19:33
<b>Civil Twilight</b>	04:54, 19:04	04:53, 19:05	04:53, 19:05
<b>Humidity</b>	D : 70%    N : 82%	D : 73%    N : 86%	D : 73%    N : 86%
<b>Barometer (mb)</b>	1006	1000	996
<b>Visibility</b>	Moderate	Moderate	Poor
<b>Precip Chance</b>	12%	50%	80%
<b>Wind (km/hr)</b>	8 Km/h, ENE	12 Km/h, ENE	21 Km/h, ENE

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



# SATELLITE VIEW OF BAY OF BENGAL



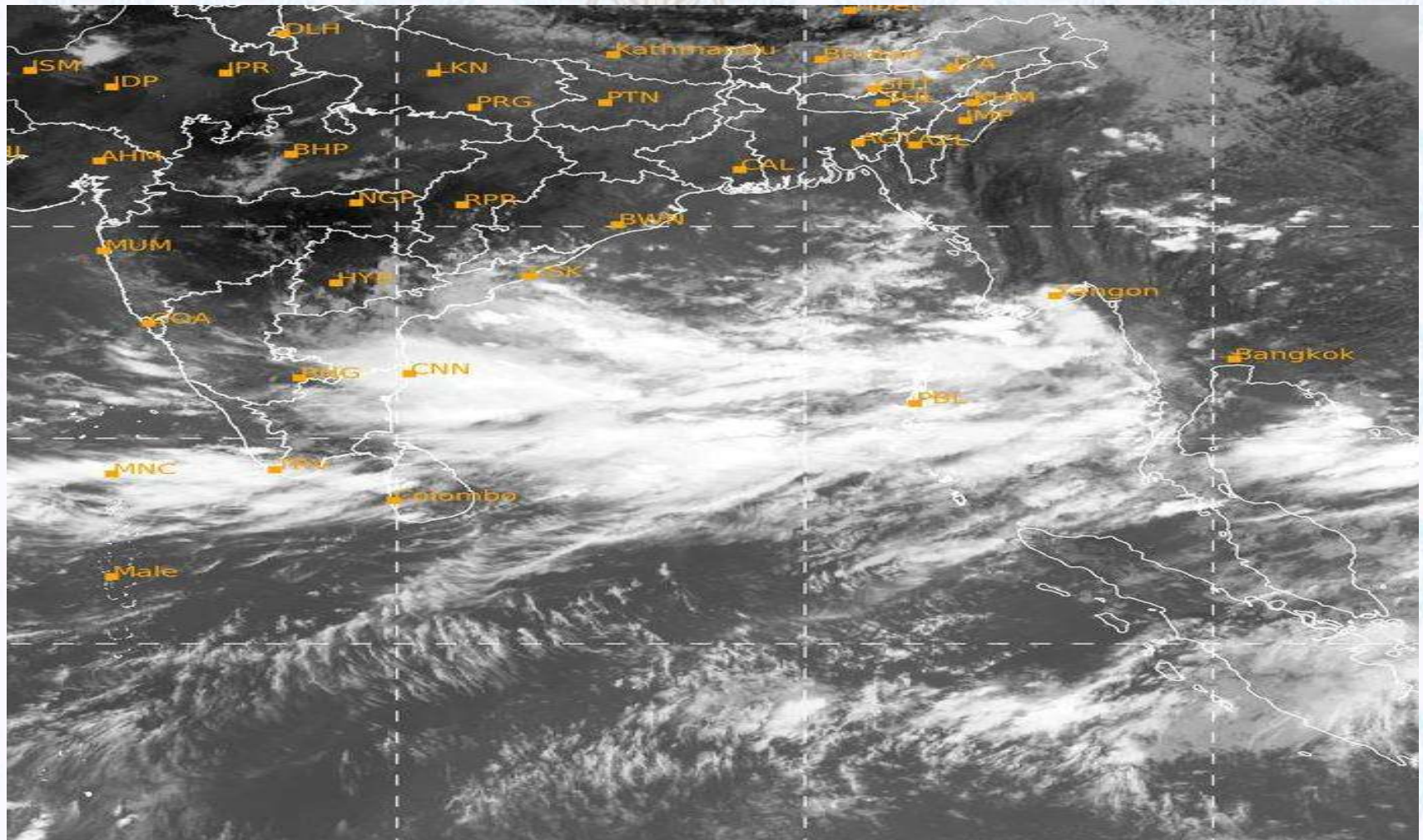
22/05/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



22/05/2021, 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 22.05.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. A LOW PRESSURE AREA IS LIKELY TO FORM OVER NORTH ANDAMAN SEA AND ADJOINING EAST CENTRAL BAY OF BENGAL DURING NEXT 24 HRS.	
<b>Part Three</b>	Weather	TEMPORARY <b>RAIN/T.SHOWERS</b> OVER AREA C-90.
	Wind	SOUTH-WEST/ SOUTHERLY 10-15 KTS.
	Visibility	<b>SW/S'LY, 10-15 KTS.</b> TEMPORARY GUSTING TO 25 KTS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 22,0000 UTC. CHATTOGRAM =1006 HPA



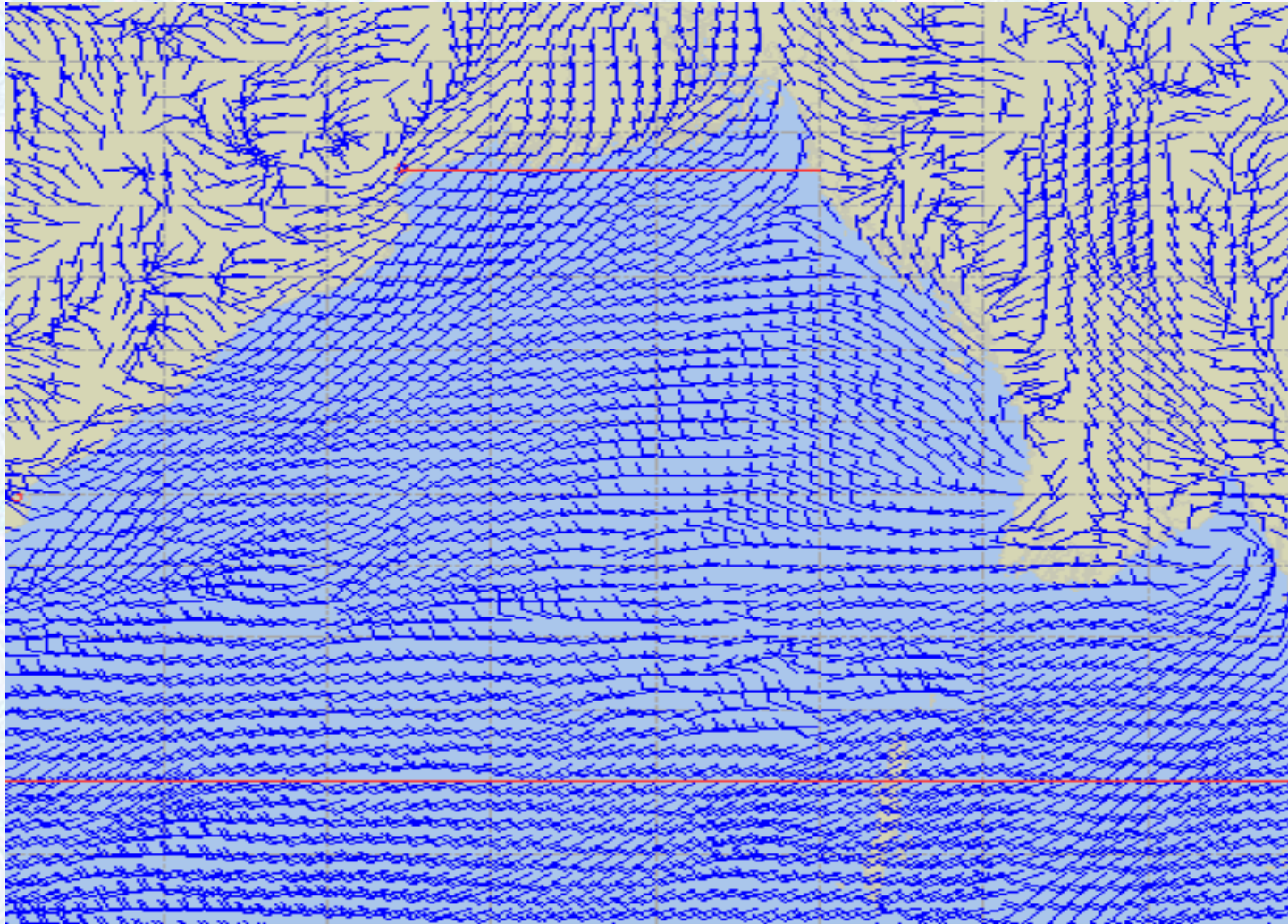
# Inland River Port Warning (VALID TILL 06 PM OF 22.05.2020)

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

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



# Surface Wind Forecast- 23 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



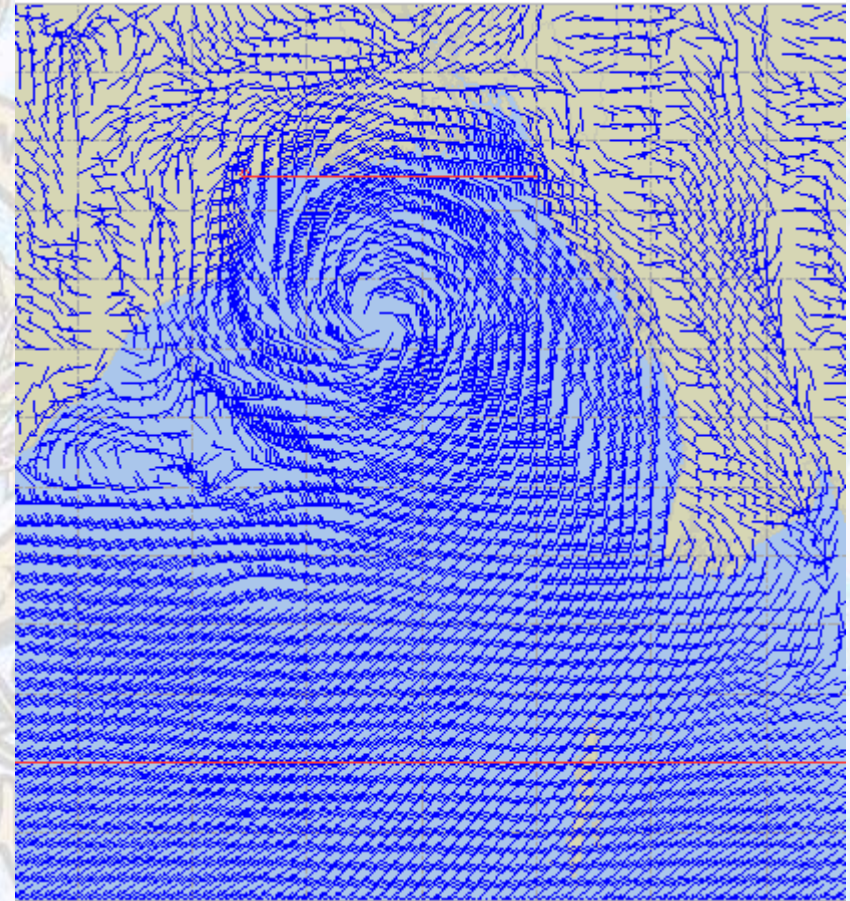
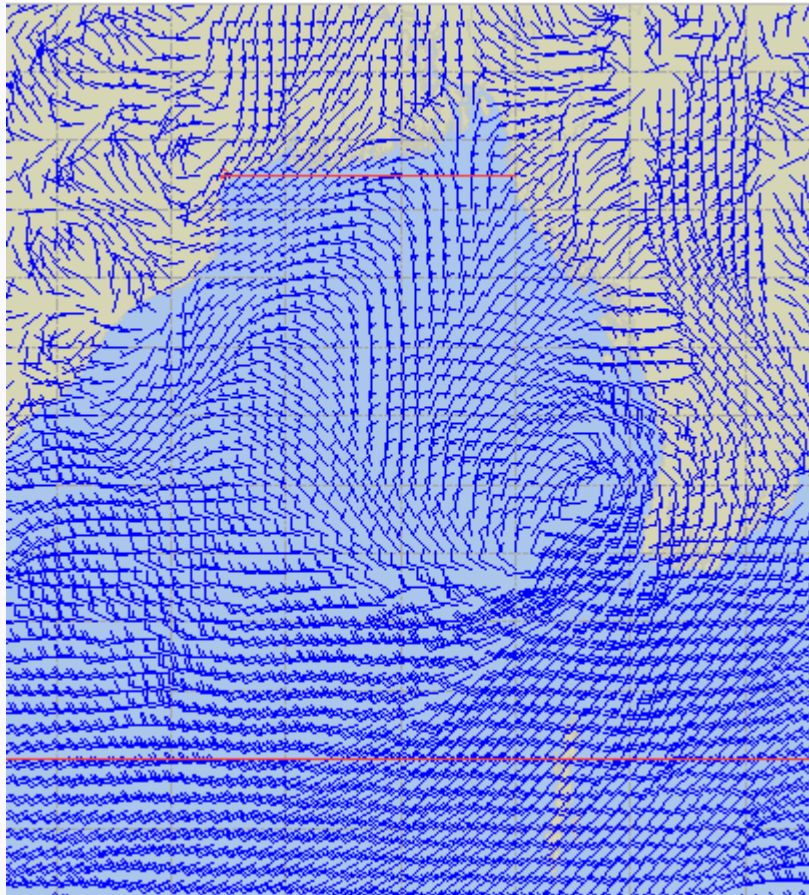
**60 Knots**



# Surface Wind Forecast – 24 & 25 May - 2021

24 May 21 Monday

25 May 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



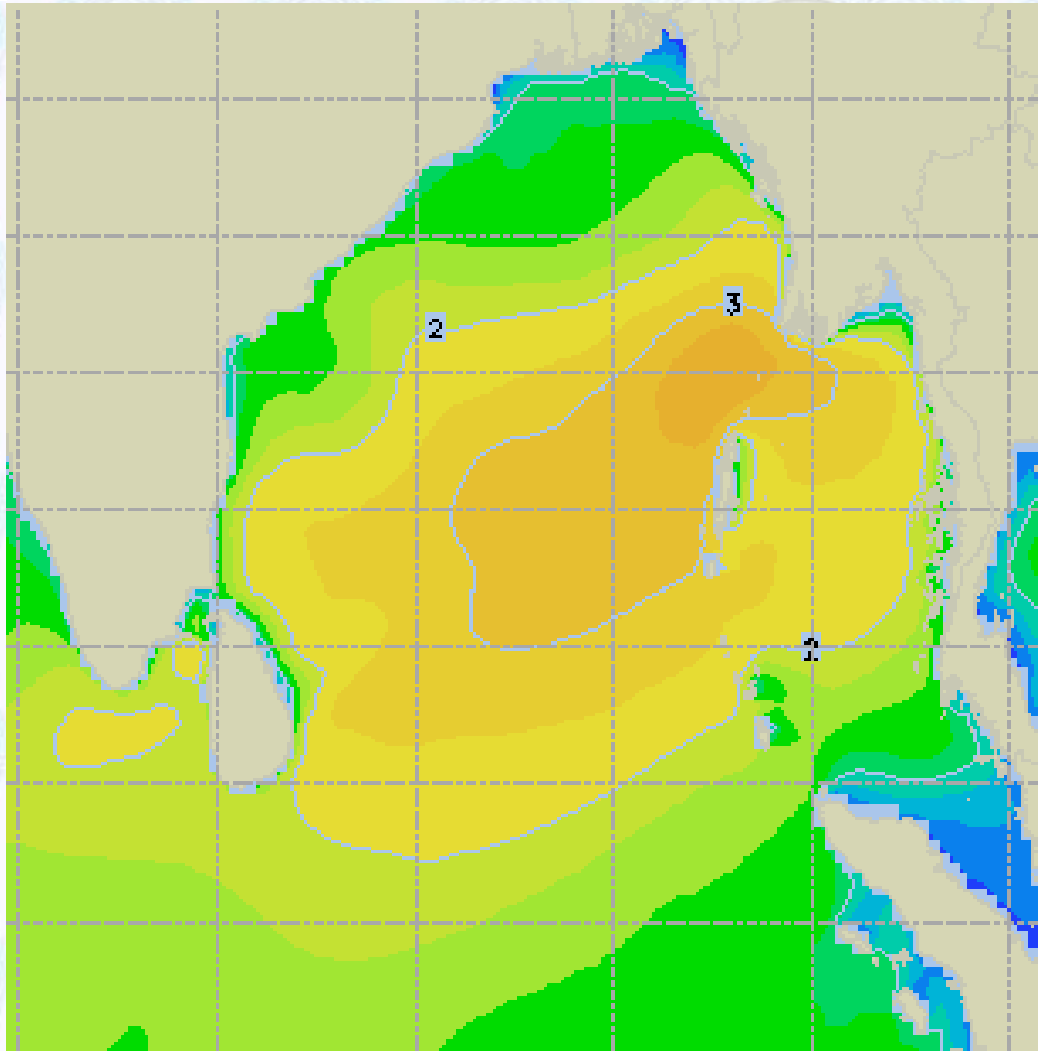
10 Knots



60 Knots



# Sea State Forecast – 23 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

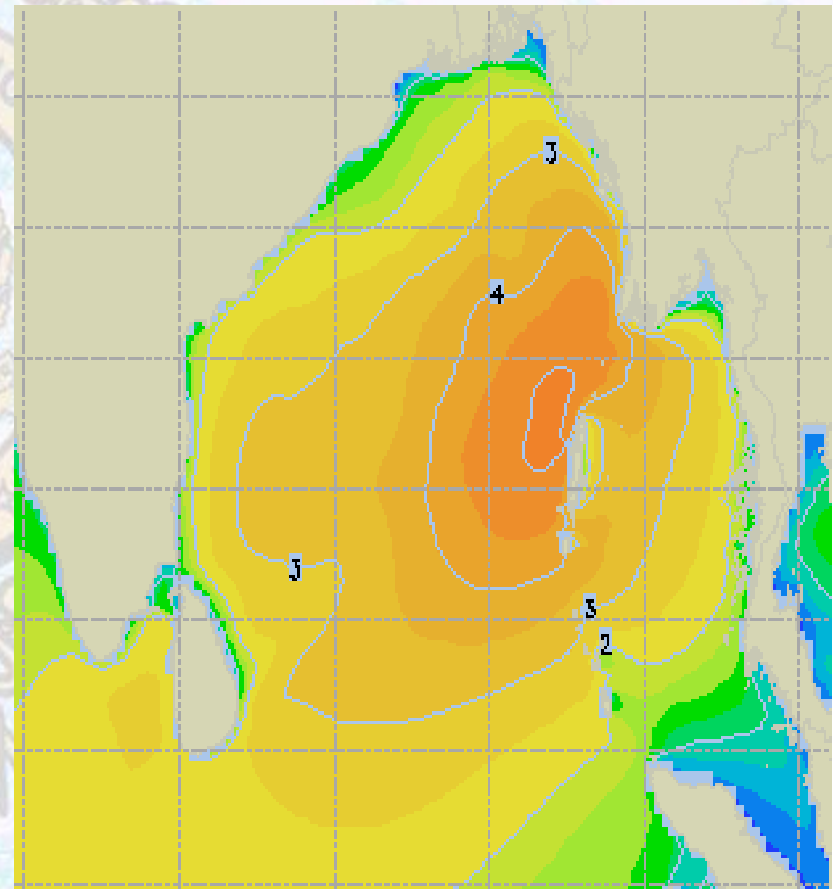
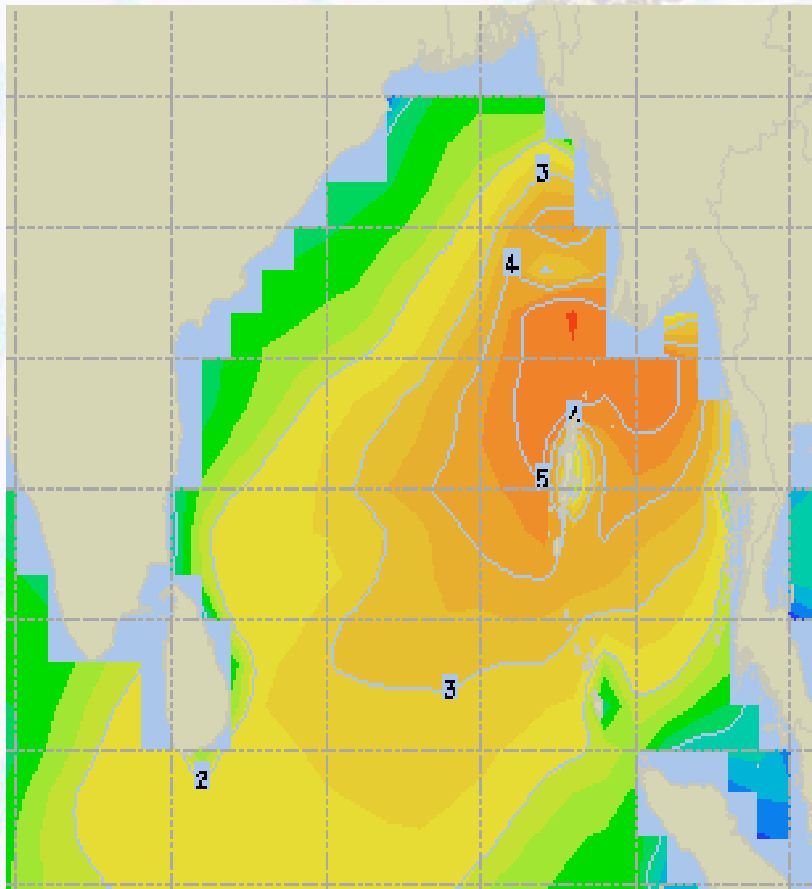




# Sea State Forecast – 24 & 25 May - 2021

24 May 21 Monday

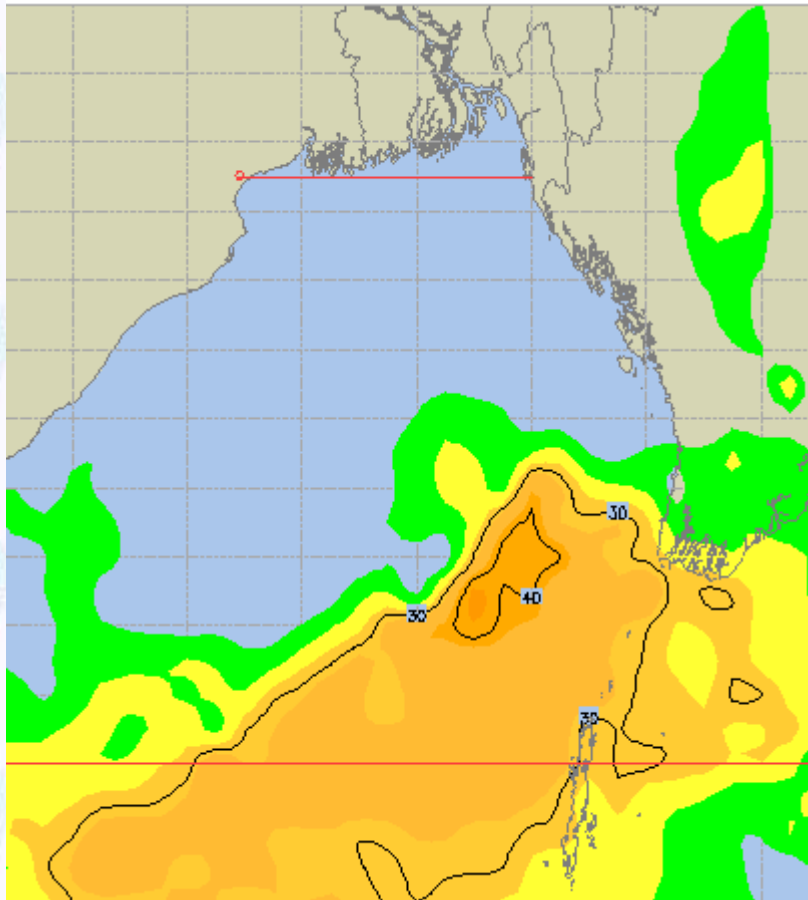
25 May 21 Tuesday



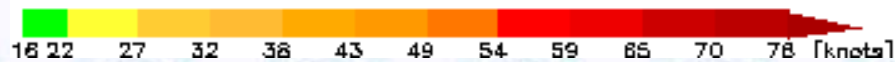
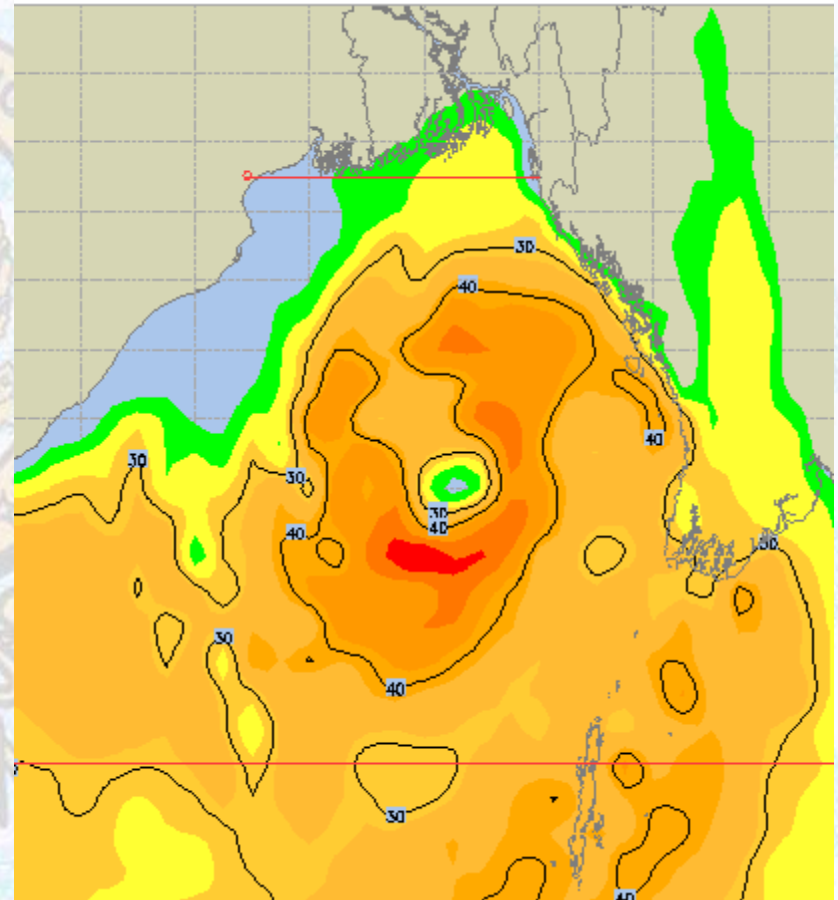


# Peak Gusting Possibilities— 23 & 24 May 2021

**23 May 21 Sunday**



**24 May 21 Monday**

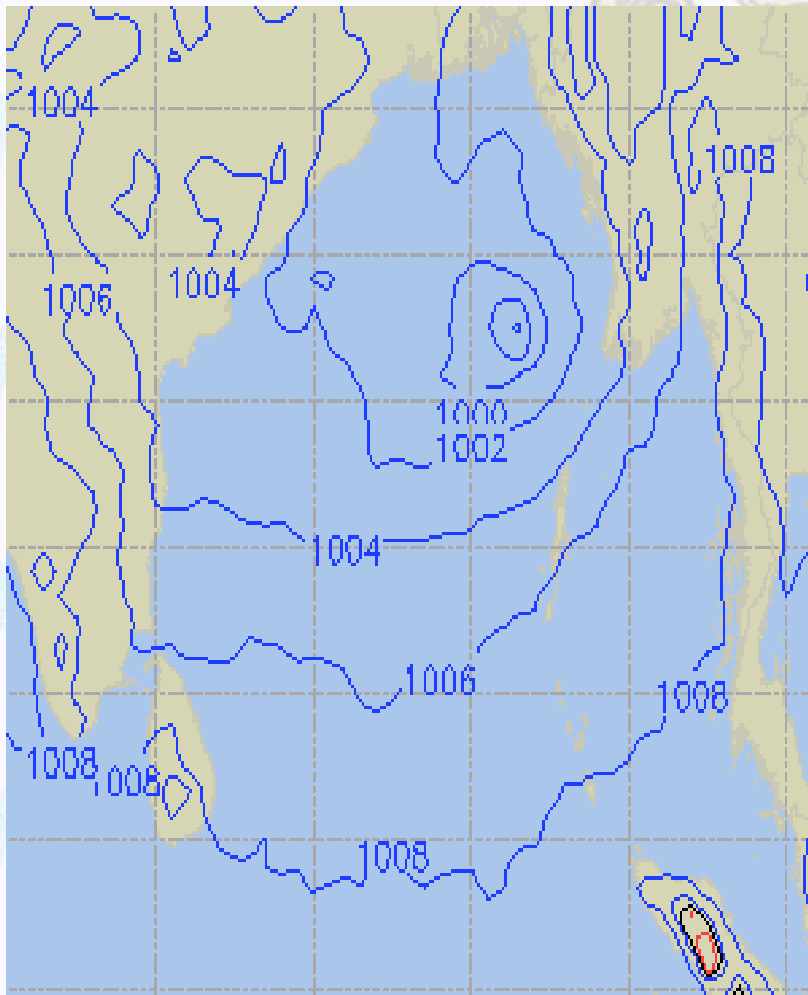




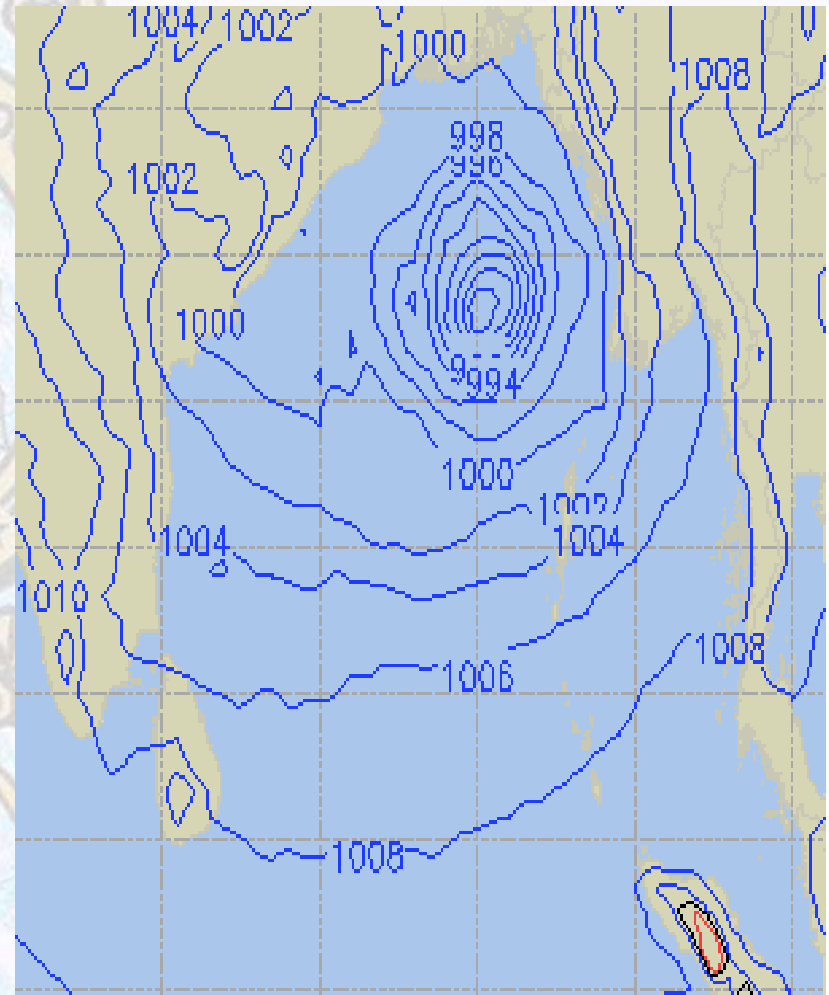


# Surface Pressure forecast – 23 & 24 May 2021

**23 May 21 Sunday**



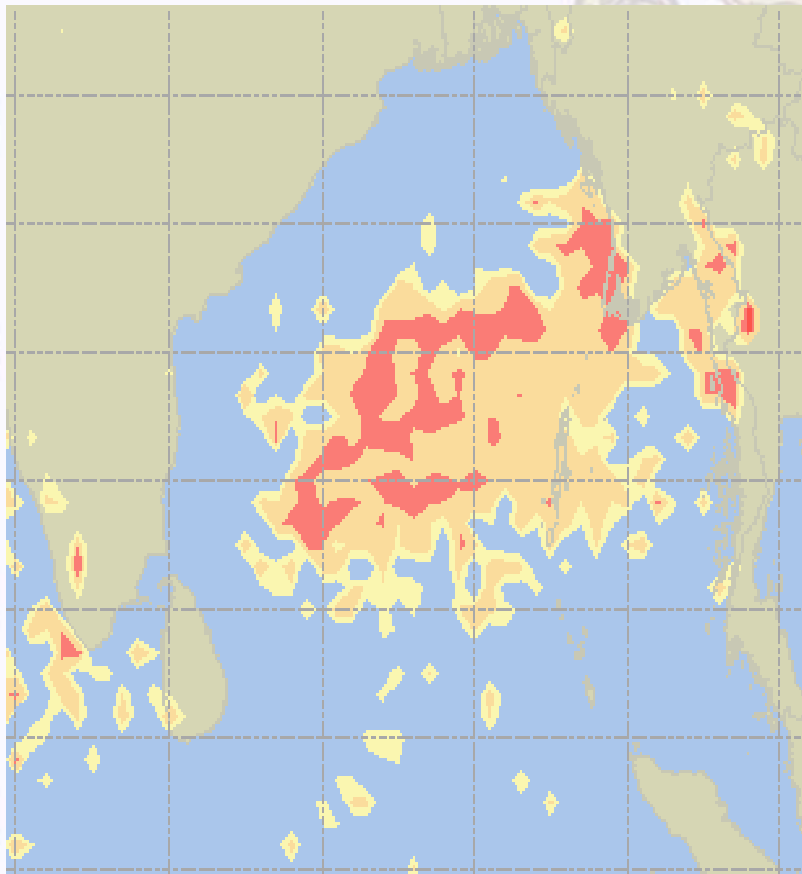
**24 May 21 Monday**



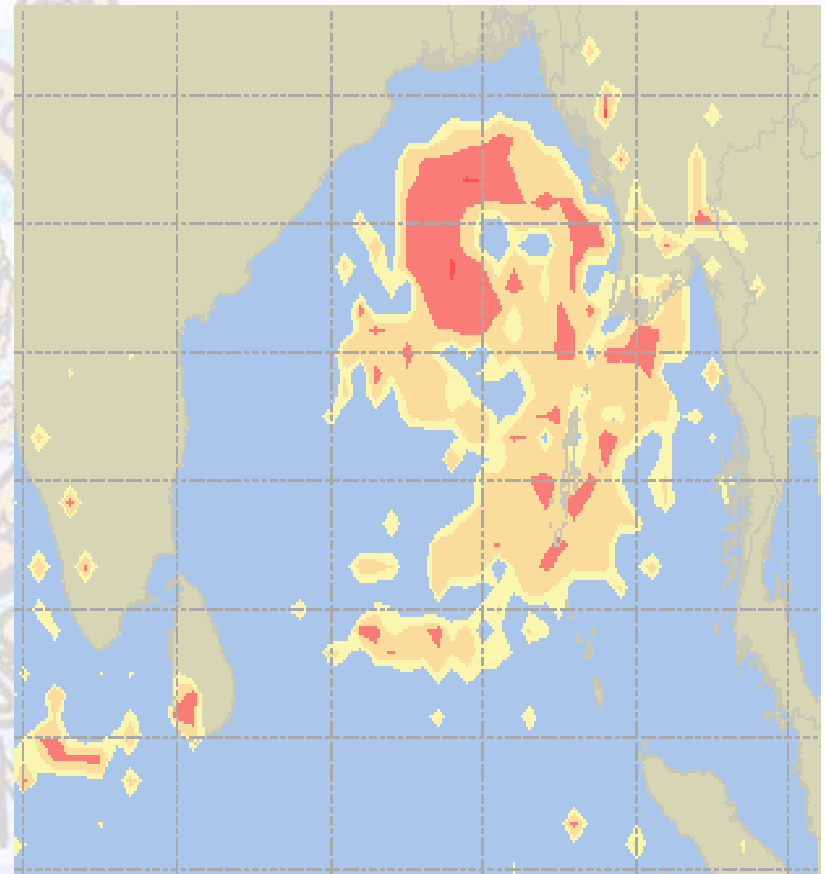


# Visibility at Sea Forecast – 23 & 24 May 2021

23 May 21 Sunday



24 May 21 Monday



**Visibility Scale:**

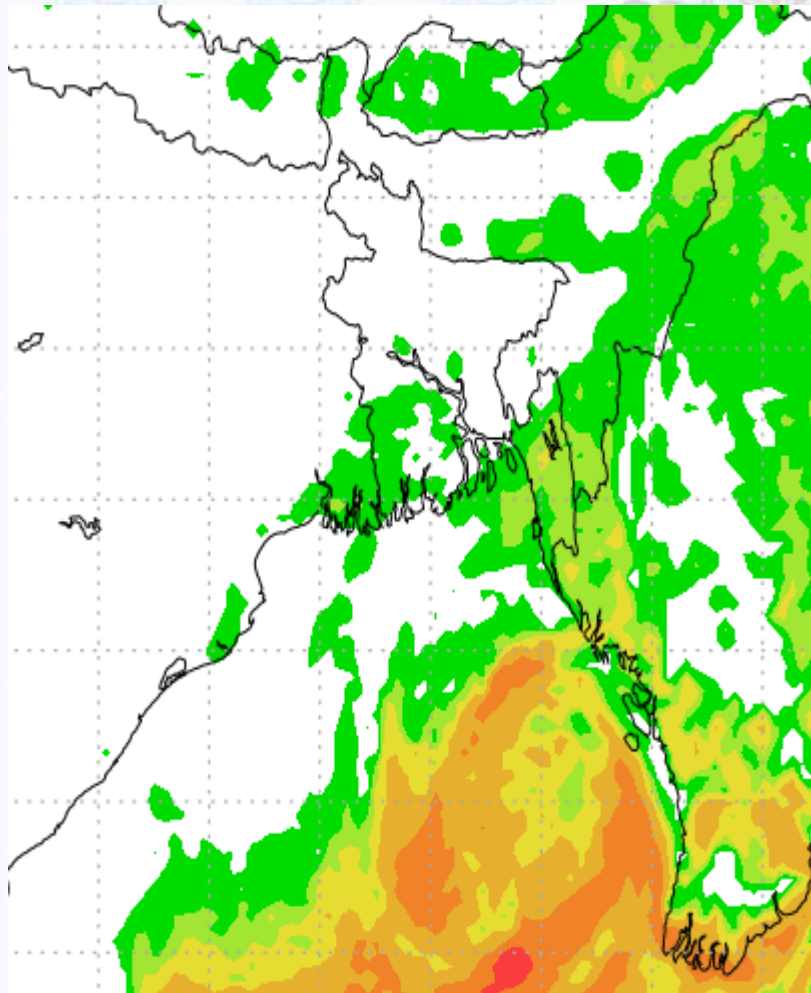


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

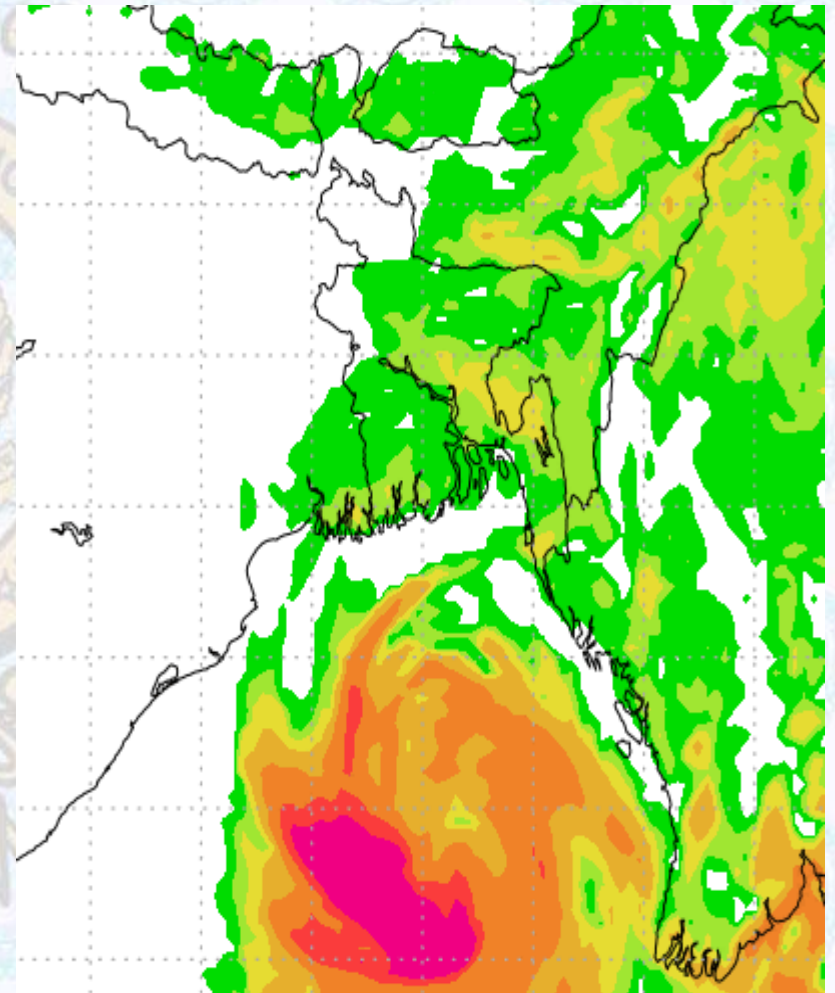


# Precipitation

Rain(mm) 23 & 24 May 2021



Rain(mm) 24 & 25 May 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>23 May 2021</b>	0426	0.95		0202	0.97		0137	0.92
	1025	4.70		0801	3.24		0754	2.99
	1659	1.05		1432	0.99		1412	1.10
	2242	4.64		2018	3.24		2004	2.91
<b>24 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0520	0.76		0254	0.80		0233	0.75
	1115	4.99		0848	3.57		0845	3.21
	1753	0.84		1526	0.81		1509	0.93
	2333	4.79		2107	3.42		2059	3.01
<b>25 May 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0608	0.62		0343	0.64		0323	0.62
	1159	5.19		0934	3.83		0932	3.37
	1840	0.70		1615	0.67		1600	0.80
	-	-		2153	3.54		2149	3.08