



# WEATHER FORECAST FOR BN

**20 - 23 APR 2021**





# WEATHER FORECAST – DHAKA

## 20.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37° / 23°	35° / 22°	32° / 23°	30° / 23°
Wind	20 km/h SW	15 km/h SSW	16 km/h S	16 m/h S
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	35%	12%	8%	4%
Conditions	Partly Cloudy	Sunny	Clear	Clear
Sunrise / Sunset	0532 / 1822			

### Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 20.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32° / 25°	30° / 25°	29° / 27°	27° / 26°
Wind	14 km/h SW	15 km/h SW	10 km/h SW	5 km/h SSW
Humidity	69%	72%	79%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	21%	3%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0528 / 1815			

### Conditions

Pressure : 1010 hpa

Visibility : 3.54 Km

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



# WEATHER FORECAST – KHULNA

## 20.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36° / 22°	34° / 22°	31° / 25°	28° / 24°
Wind	15 km/h SSW	14 km/h SSW	17 km/h SSW	14 m/h SSW
Humidity	48%	49%	70%	78%
Chance of Precip.	23%	97%	3%	7%
Cloud Cover	2%	7%	7%	3%
Conditions	Partly Cloudy	Sunny	Clear	Clear
Sunrise / Sunset	0537 / 1825			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	21 Apr 2021	22 Apr 2021	23 Apr 2021
<b>Temperature (C)</b>	37 °C/ 27 °C	35 °C/ 27 °C	37 °C/ 26 °C
<b>Summary</b>	Cloudy	Cloudy / Light Rain	Cloudy
<b>Sun Rise/Set</b>	5h 32m00s/18h22m54s	5h 31m12s/18h23m18s	5h 30m18s/18h23m36s
<b>Day Length</b>	12h50m54s	12h52m06s	12h53m18s
<b>Moon Rise/ Set</b>	12:28PM / 1:26AM	1:29PM / 2:11AM	2:29PM / 2:53AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 58%	Waxing Gibbous, 68%	Waxing Gibbous, 78%
<b>Nautical Twilight</b>	04:44, 19:09	04:44, 19:09	04:44, 19:10
<b>Civil Twilight</b>	05:11, 18:45	05:11, 18:45	05:12, 18:46
<b>Humidity</b>	D : 62%    N : 72%	D : 62%    N : 73%	D : 55%    N : 68%
<b>Barometer (mb)</b>	1007	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	11%	38%	5%
<b>Wind (km/hr)</b>	14 Km/h, S	12 Km/h, SSW	12 Km/h, WSW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	21 Apr 2021	22 Apr 2021	23 Apr 2021
<b>Temperature (C)</b>	31 °C / 26 °C	31 °C / 26 °C	33 °C / 26 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h27m48s/ 18h15m36s	5h27m06s/ 18h16m00s	5h26m12s/ 18h16m12s
<b>Day Length</b>	12h47m34s	12h48m54s	12h50m00s
<b>Moon Rise/ Set</b>	12:18PM 1:36AM	1:49PM 2:31AM	2:20PM / 2:13AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 58%	Waxing Gibbous, 68%	Waxing Gibbous, 78%
<b>Nautical Twilight</b>	04:40, 19:02	04:40, 19:02	04:41, 19:03
<b>Civil Twilight</b>	05:07, 18:37	05:07, 18:37	05:07, 18:38
<b>Humidity</b>	D : 78% N : 95%	D : 78% N : 95%	D : 78% N : 95%
<b>Barometer (mb)</b>	1008	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	11%	8%	23%
<b>Wind (km/hr)</b>	13 Km/h, WSW	15 Km/h, WSW	13 Km/h, W

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



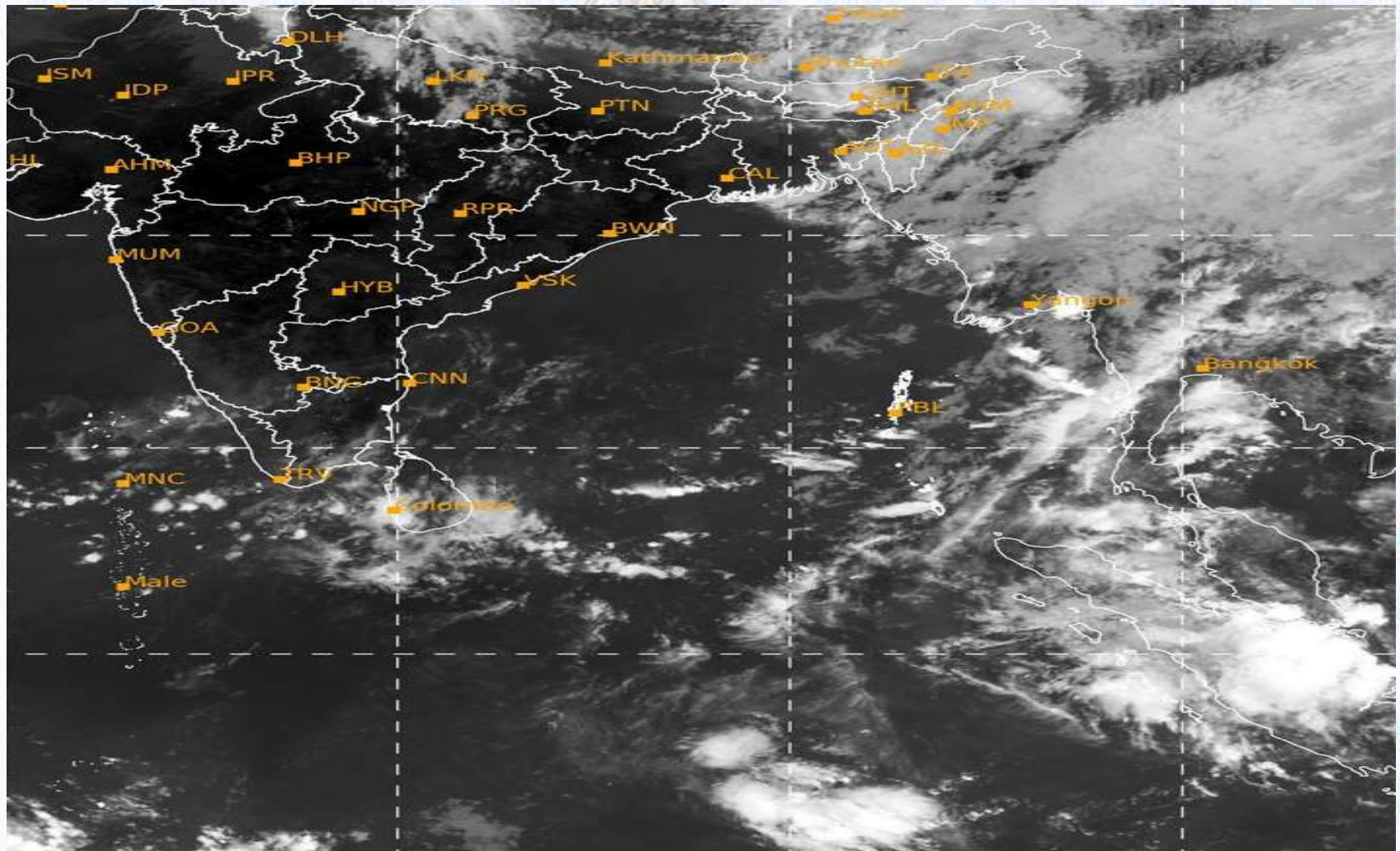
# GENERAL WEATHER FORECAST – KHULNA

Description	21 Apr 2021	22 Apr 2021	23 Apr 2021
<b>Temperature(C)</b>	36°C/ 28°C	35°C/ 27°C	37°C/ 27°C
<b>Summary</b>	Sunny	Cloudy	Sunny
<b>Sun Rise/Set</b>	5h36m30s/ 18h25m18s	5h35m42s/ 18h25m36s	5h35m48s/ 18h25m54s
<b>Day Length</b>	12h 48m 48s	12h 49m 54s	12h 51m 06s
<b>Moon Rise/Set</b>	12:08PM 11:06AM	1:20PM 2:16AM	2:19PM / 2:43AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 58%	Waxing Gibbous, 68%	Waxing Gibbous, 78%
<b>Nautical Twilight</b>	04:49, 19:12	04:49, 19:12	04:49, 19:13
<b>Civil Twilight</b>	05:16, 18:46	05:16, 18:46	05:16, 18:47
<b>Humidity</b>	D : 70% N : 87%	D : 61% N : 87%	D : 61% N : 85%
<b>Barometer (mb)</b>	1007	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	19%	11%
<b>Wind (km/hr)</b>	17 Km/h, SSW	14 Km/h, SW	10 Km/h, SW

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



# SATELLITE VIEW OF BAY OF BENGAL



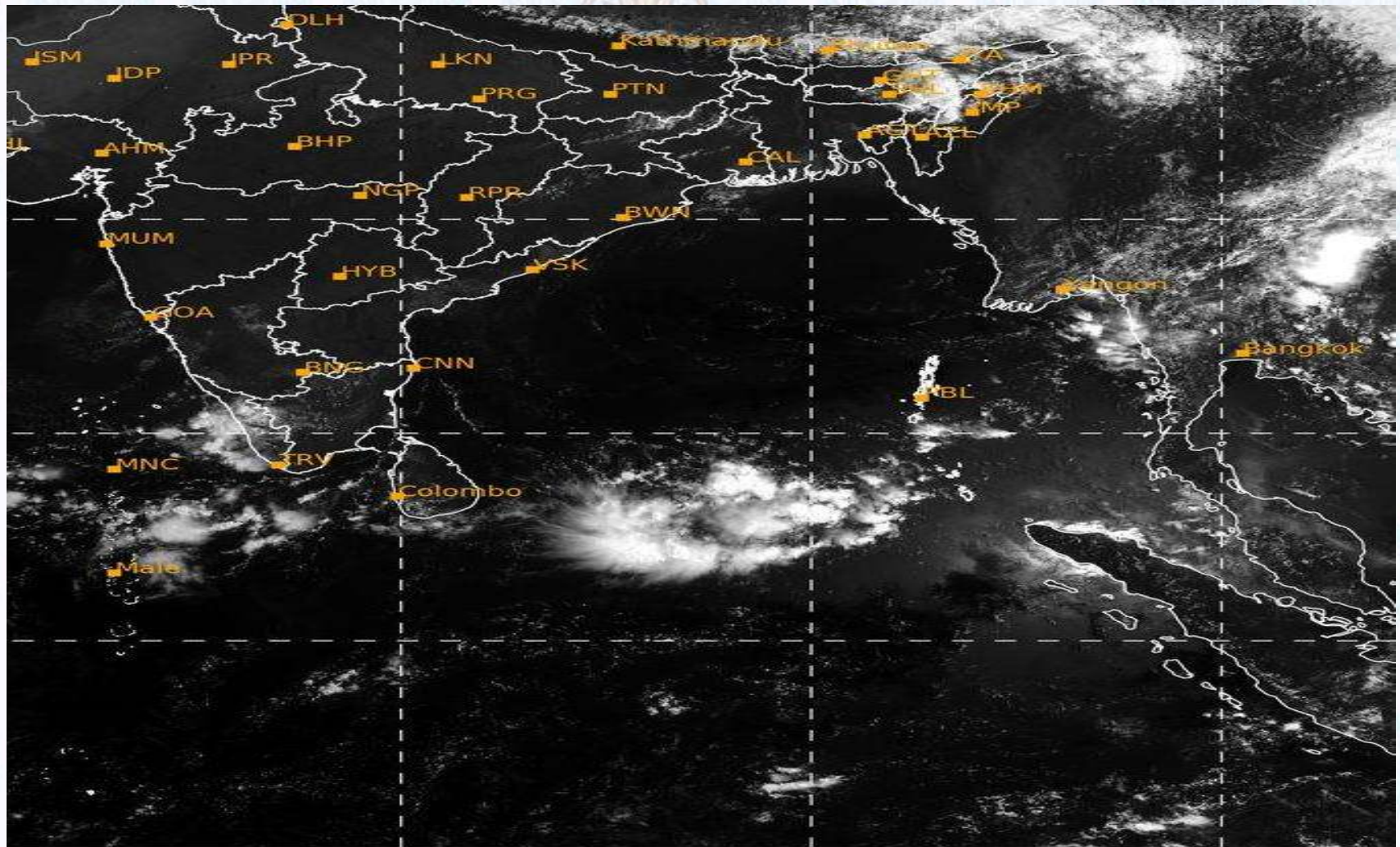
20/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



20/04/2021, 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 20.04.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	WEST/SOUTH-WESTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1008 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 20.04.2020)

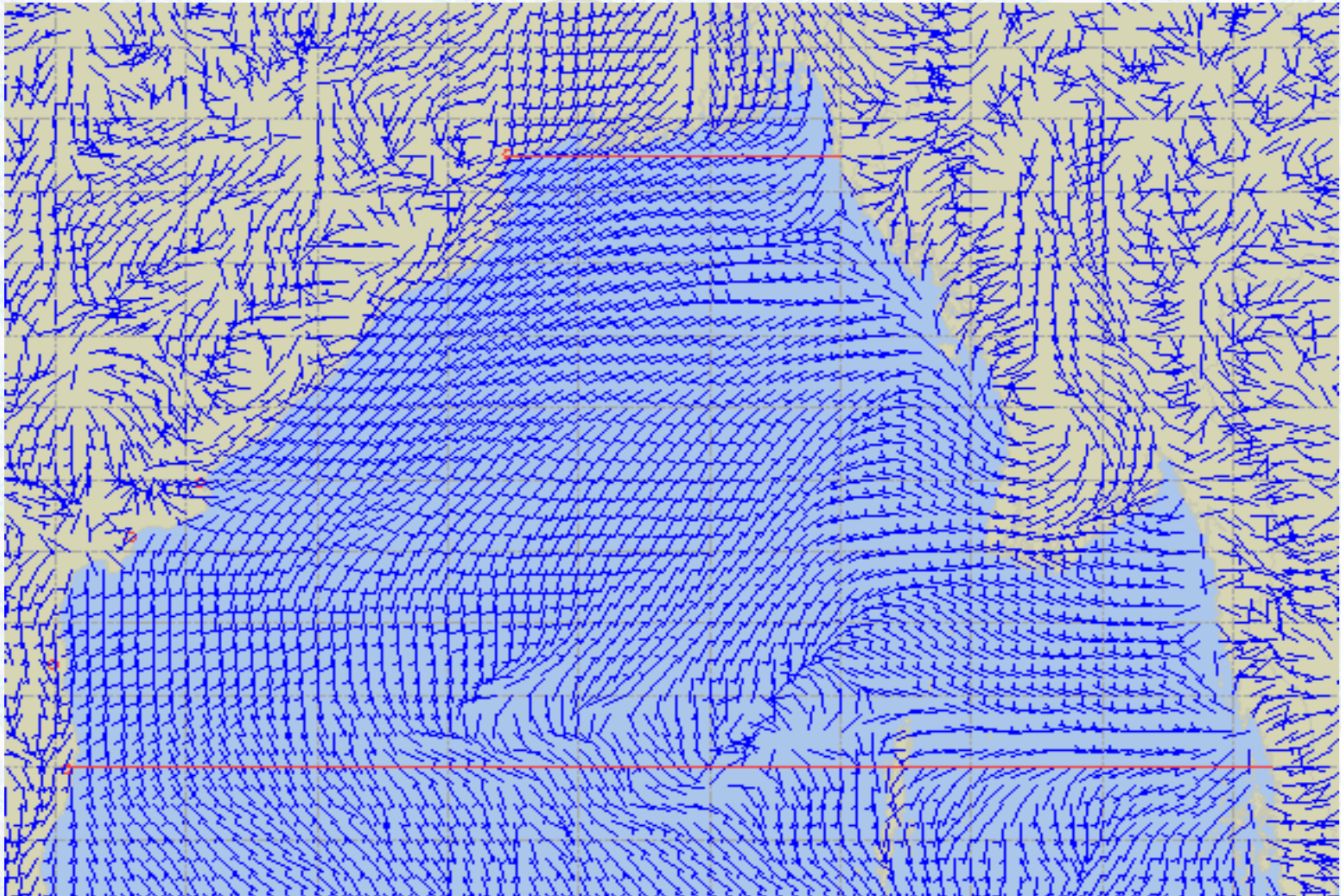
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **WEST/NORTH-WESTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH, CUMILLA AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.



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



# Surface Wind Forecast- 21 Apr - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



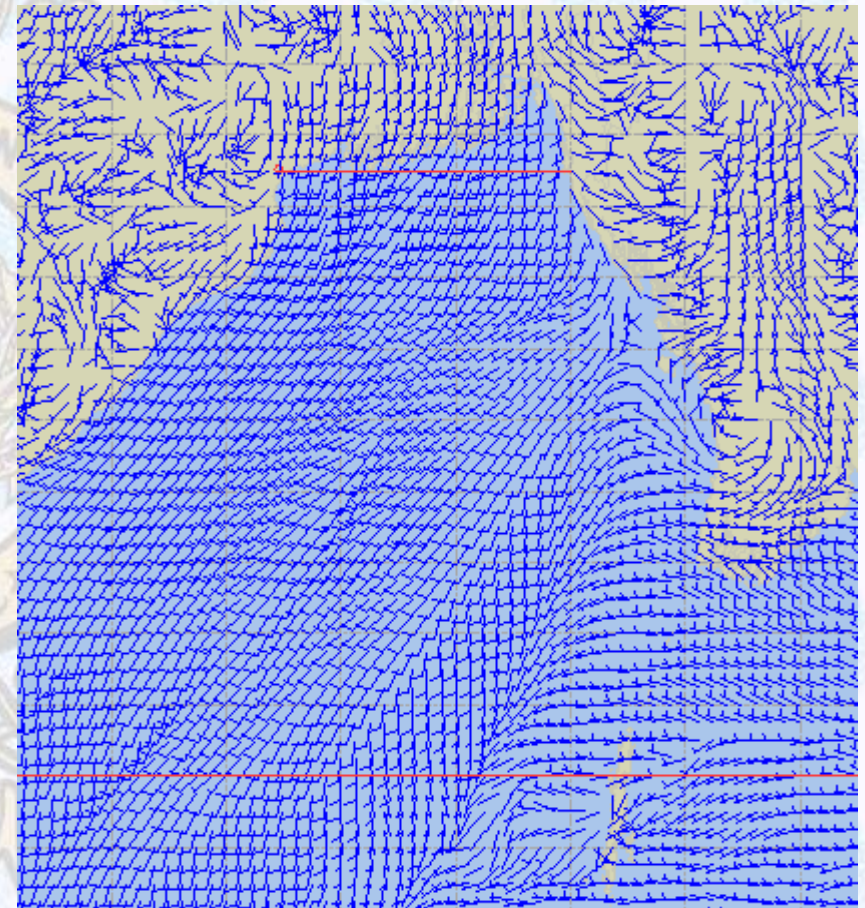
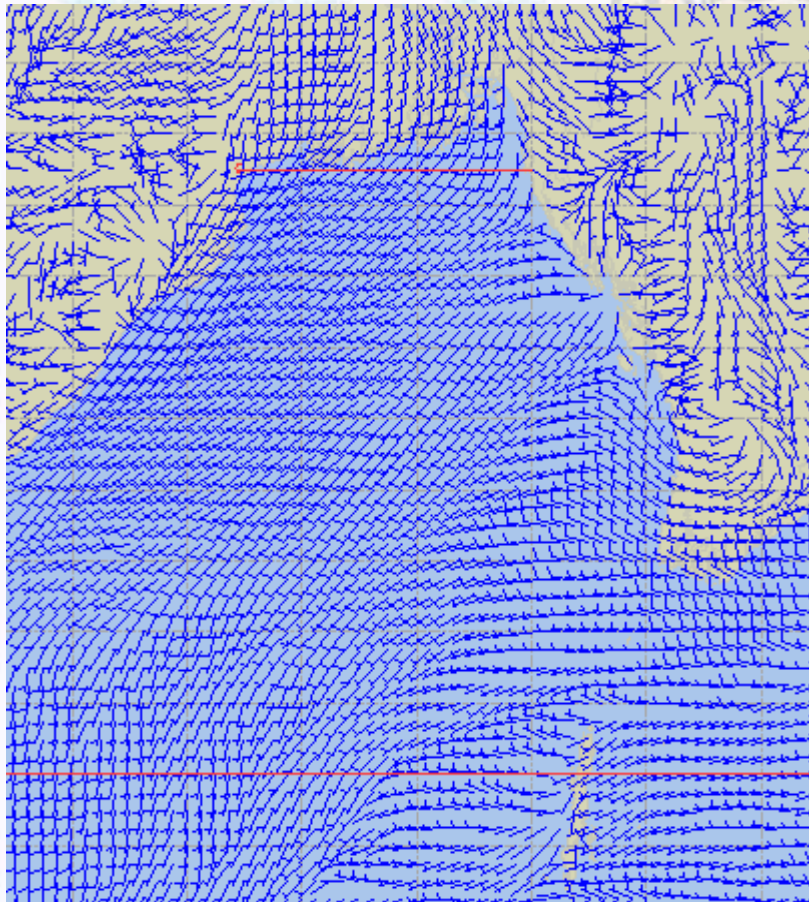
**60 Knots**



# Surface Wind Forecast – 22 & 23 Apr - 2021

22 Apr 21 Thursday

23 Apr 21 Friday



**Legend:**



Calm  
Winds



5 Knots



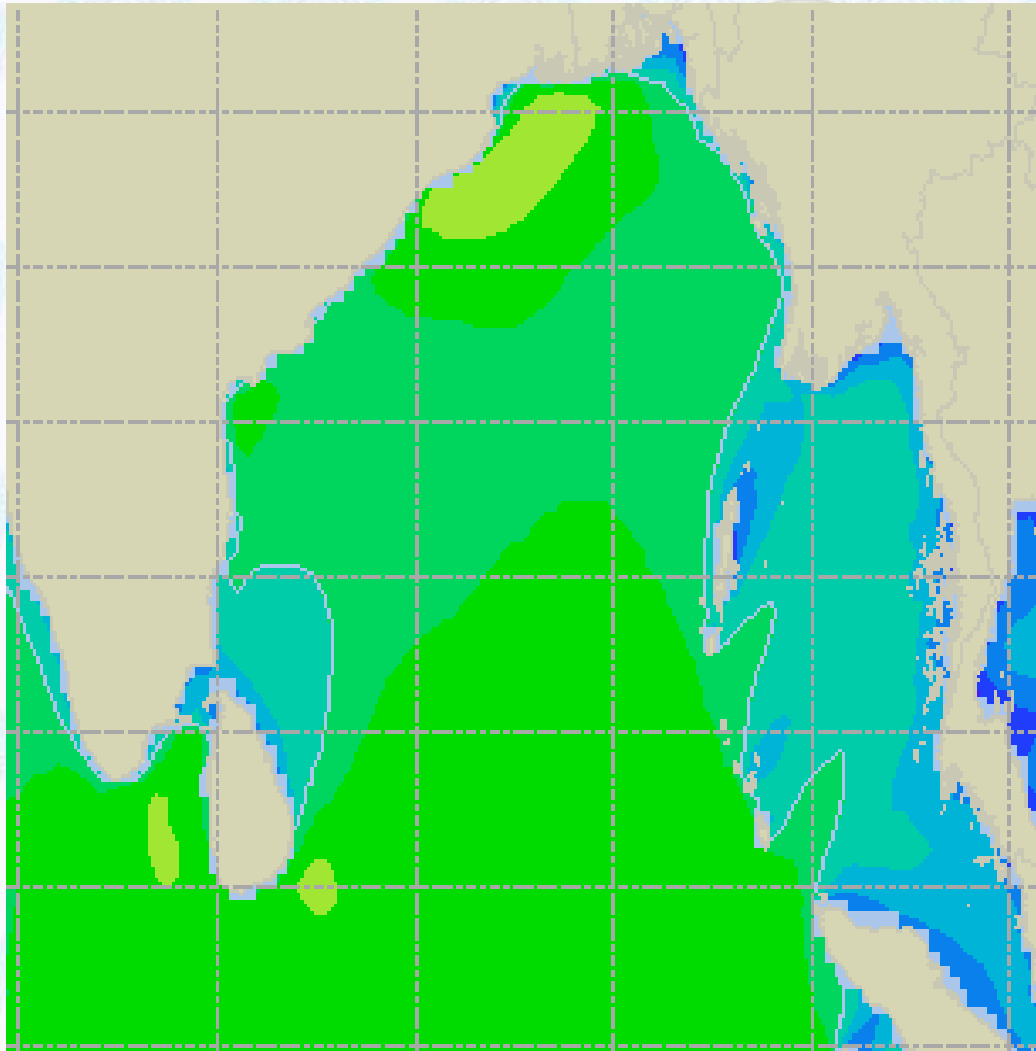
10 Knots



60 Knots



# Sea State Forecast – 21 Apr - 2021



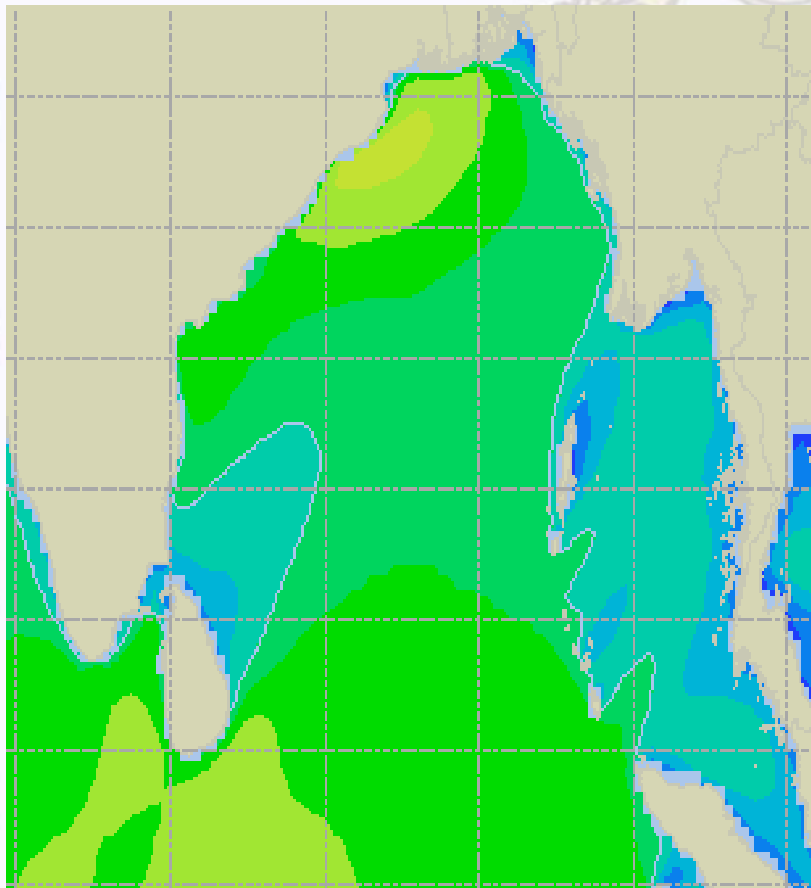
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



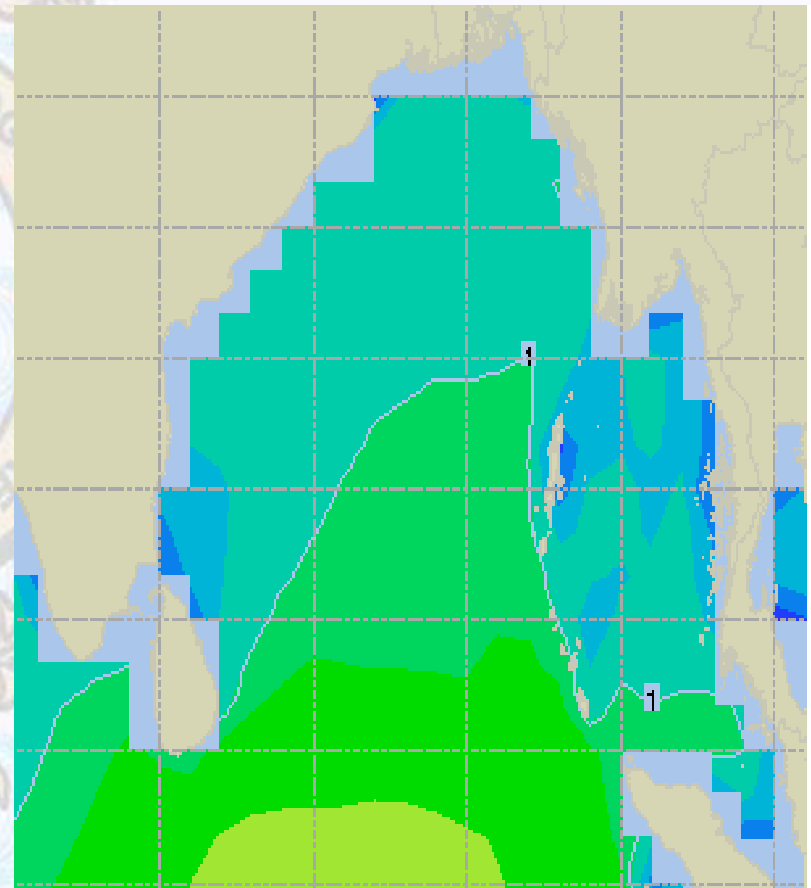


# Sea State Forecast – 22 & 23 Apr - 2021

22 Apr 21 Thursday



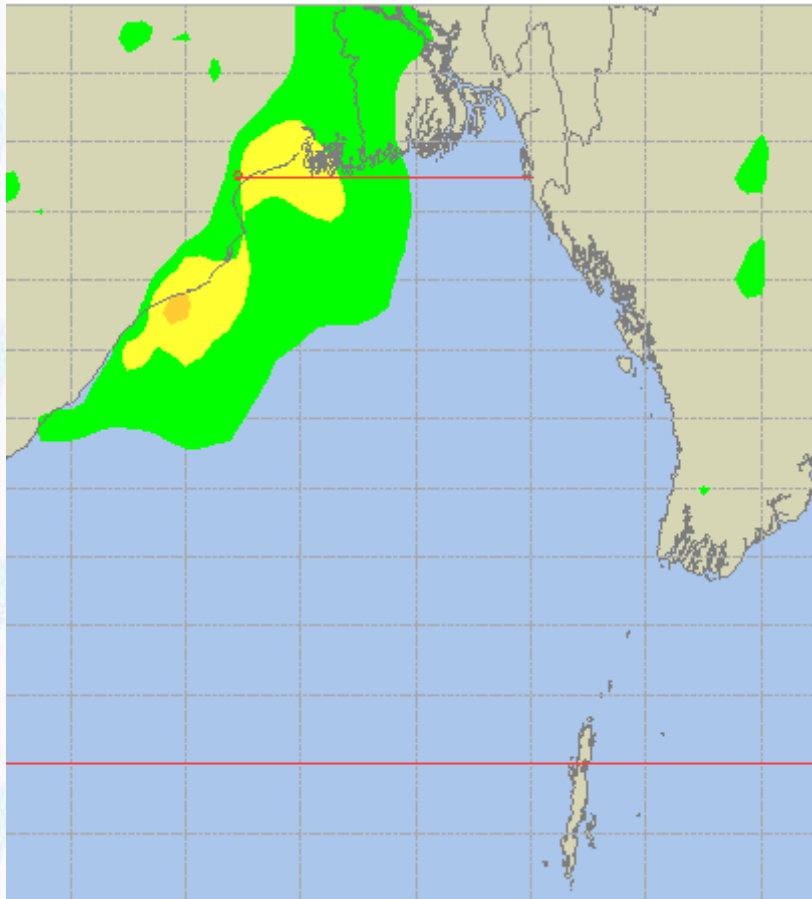
23 Apr 21 Friday



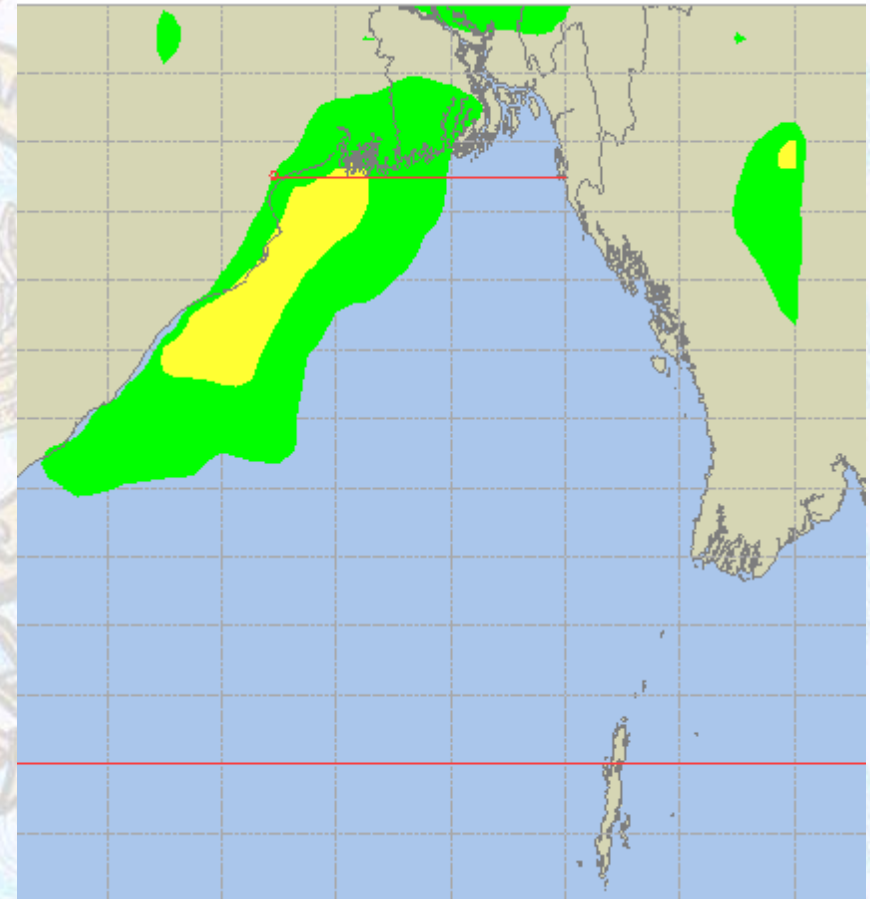


# Peak Gusting Possibilities– 21 & 22 Apr 2021

21 Apr 21 Wednesday



22 Apr 21 Thursday

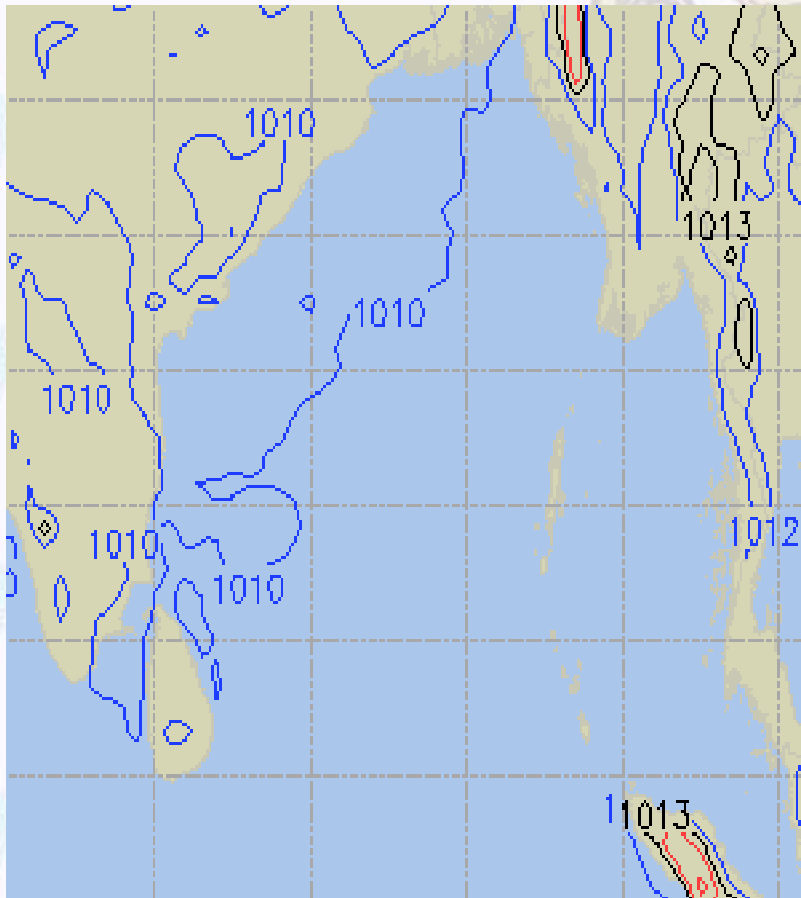




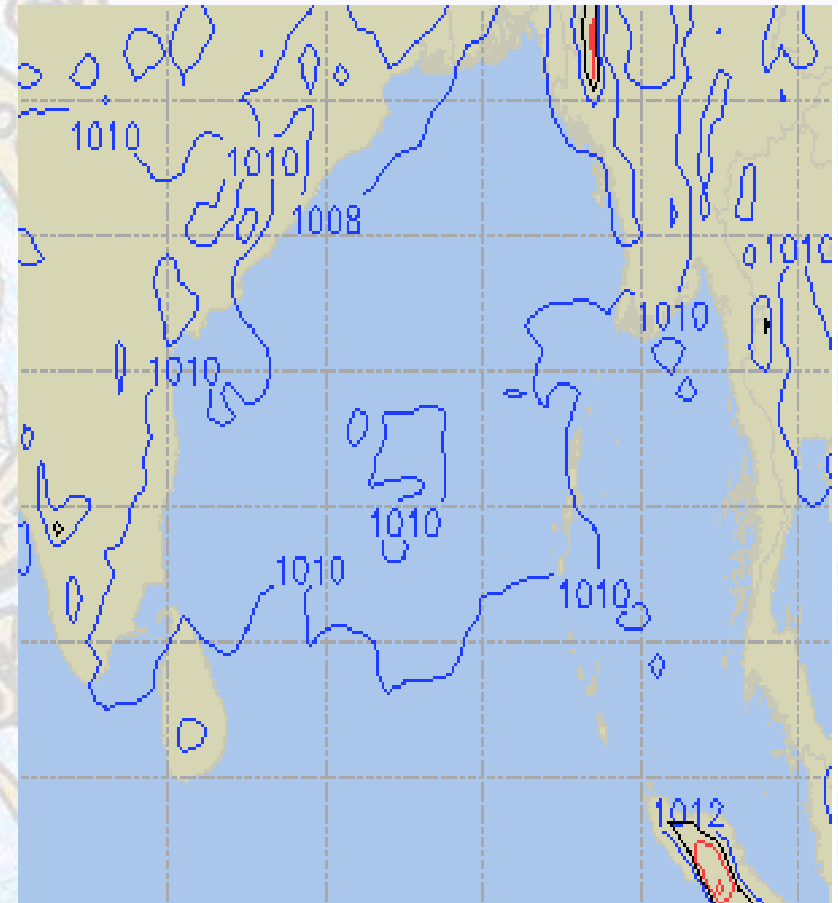


# Surface Pressure forecast – 21 & 22 Apr 2021

21 Apr 21 Wednesday



22 Apr 21 Thursday

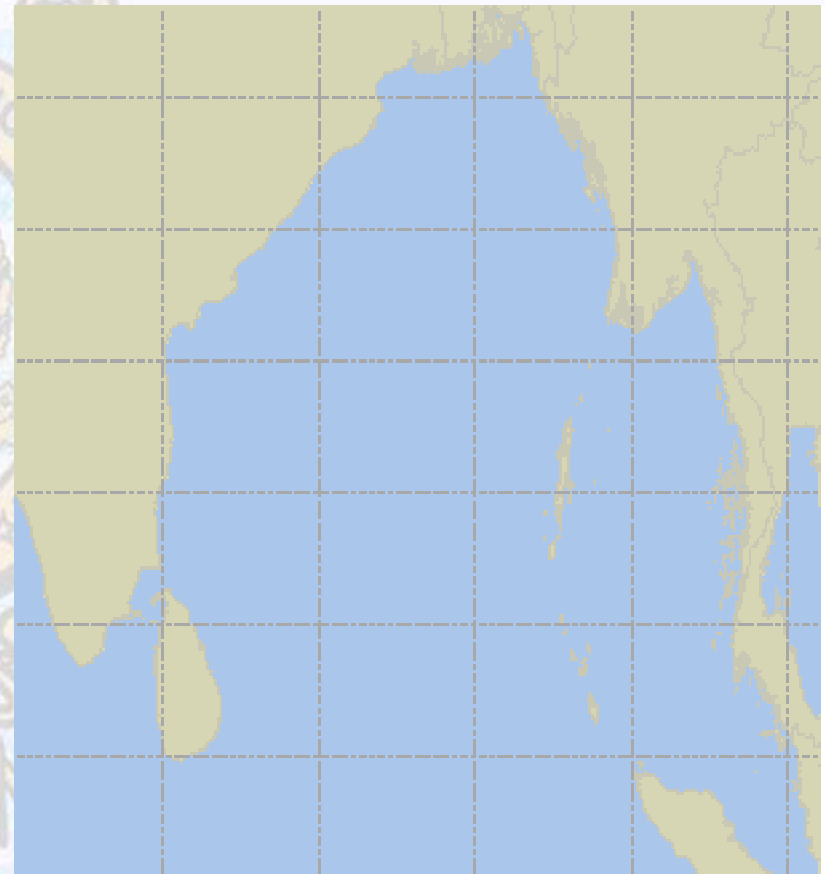
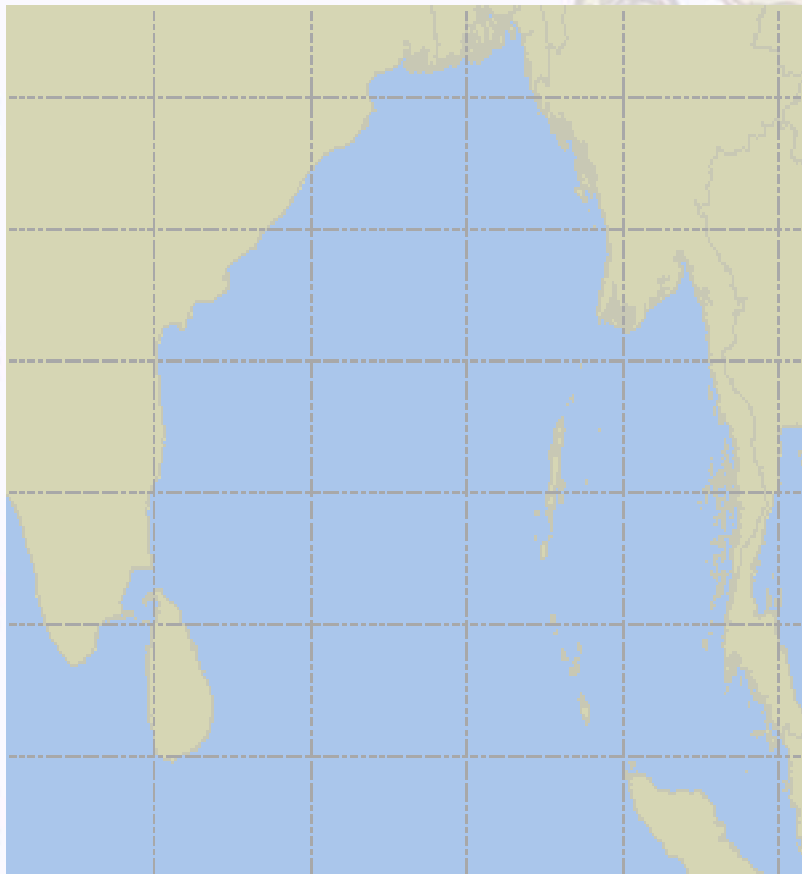




# Visibility at Sea Forecast – 21 & 22 Apr 2021

21 Apr 21 Wednesday

22 Apr 21 Thursday



**Visibility Scale:**

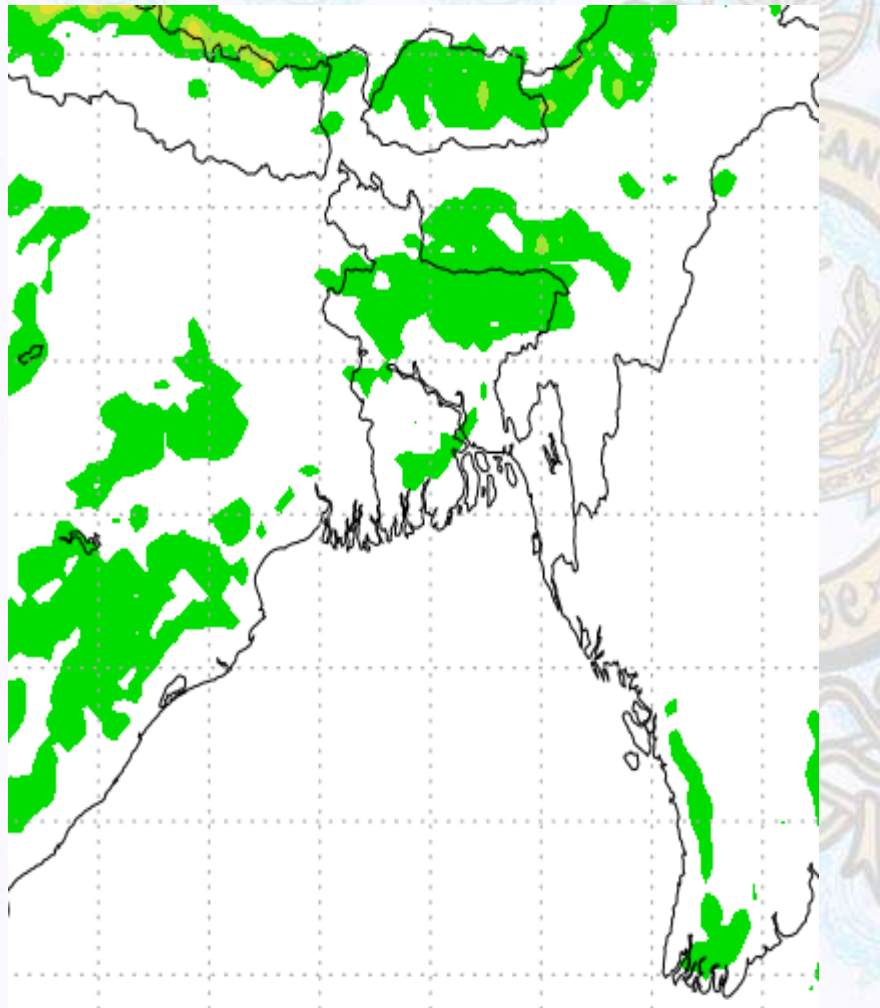


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

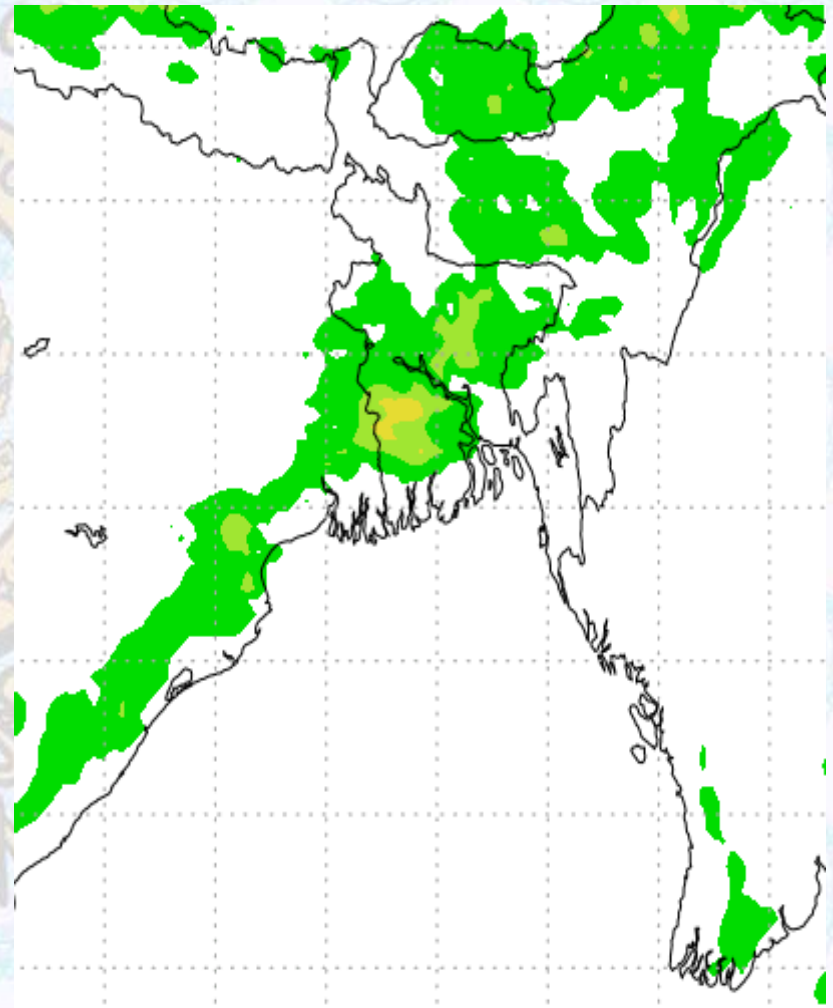


# Precipitation

Rain(mm) 21 & 22 Apr 21



Rain(mm) 22 & 23 Apr 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>21 Apr 2021</b>	0119	1.43		0449	2.12		0443	2.09
	0731	3.27		1100	1.20		1053	1.30
	1338	1.59		1741	2.45		1724	2.41
	2002	3.72		-	-		-	-
<b>22 Apr 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0255	1.39		0032	1.14		0020	1.22
	0900	3.49		0634	2.25		0626	2.20
	1515	1.50		1245	1.17		1228	1.24
	2118	3.92		1904	2.63		1847	2.51
<b>23 Apr 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0411	1.13		0149	0.98		0133	1.02
	1011	3.87		0746	2.59		0744	2.45
	1633	1.23		1406	1.01		1347	1.07
	2221	4.20		2004	2.90		1953	2.68