



# **WEATHER FORECAST FOR BN**

**26 - 29 APR 2021**





# WEATHER FORECAST – DHAKA

## 26.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37°C / 20°C	37°C / 21°C	34°C / 21°C	31°C / 22°C
Wind	12 km/h SW	12 km/h SW	10 km/h SSW	13 m/h SW
Humidity	38%	39%	47%	60%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	30%	43%	47%	46%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0527 / 1825			

### Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 26.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33°C / 25°C	33°C / 25°C	30°C / 28°C	29°C / 26°C
Wind	15 km/h WSW	17 km/h WSW	14 km/h WSW	8 km/h SSW
Humidity	62%	66%	86%	89%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	10%	2%	3%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0523 / 1817			

### Conditions

Pressure : 1009 hpa

Visibility : 4.51 Km

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



# WEATHER FORECAST – KHULNA

## 26.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	38°C / 20°C	37°C / 20°C	32°C / 23°C	29°C / 24°C
Wind	12 km/h SSW	14 km/h SSW	14 km/h SSW	12 m/h SW
Humidity	36%	36%	56%	72%
Chance of Precip.	2%	1%	1%	3%
Cloud Cover	20%	30%	36%	34%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0532 / 1827			

### Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	27 Apr 2021	28 Apr 2021	29 Apr 2021
<b>Temperature (C)</b>	38°C / 27°C	37°C / 27°C	38°C / 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h 26m54s/18h25m24s	5h 26m18s/18h25m54s	5h 25m36s/18h26m24s
<b>Day Length</b>	12h58m00s	12h59m36s	13h00m48s
<b>Moon Rise/ Set</b>	6:45PM/ 5:33AM	7:54PM/ 6:17AM	9:03PM/ 7:07AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 93%
<b>Nautical Twilight</b>	04:36, 19:16	04:36, 19:16	04:34, 19:17
<b>Civil Twilight</b>	05:03, 18:48	05:03, 18:48	05:02, 18:49
<b>Humidity</b>	D : 52%    N : 67%	D : 56%    N : 64%	D : 54%    N : 67%
<b>Barometer (mb)</b>	1006	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	3%	7%	5%
<b>Wind (km/hr)</b>	13 Km/h, S	12 Km/h, S	10 Km/h, SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Apr 2021	28 Apr 2021	29 Apr 2021
<b>Temperature (C)</b>	32°C/ 26°C	32°C/ 26°C	32°C/ 26°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h23m00s/ 18h17m00s	5h22m24s/ 18h18m22s	5h21m48s/ 18h18m42s
<b>Day Length</b>	12h54m42s	12h55m48s	12h56m54s
<b>Moon Rise/ Set</b>	6:37PM/ 5:28AM	7:46PM/ 6:13AM	8:54PM/ 7:03AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 93%
<b>NauticalTwilight</b>	04:32, 19:08	04:32, 19:08	04:31, 19:09
<b>Civil Twilight</b>	05:00, 18:40	05:00, 18:40	04:58, 18:41
<b>Humidity</b>	D : 75%    N : 91%	D : 77%    N : 92%	D : 75%    N : 91%
<b>Barometer (mb)</b>	1007	1008	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	24%	24%	24%
<b>Wind (km/hr)</b>	16 Km/h, SW	15 Km/h, WSW	13 Km/h, SSW

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



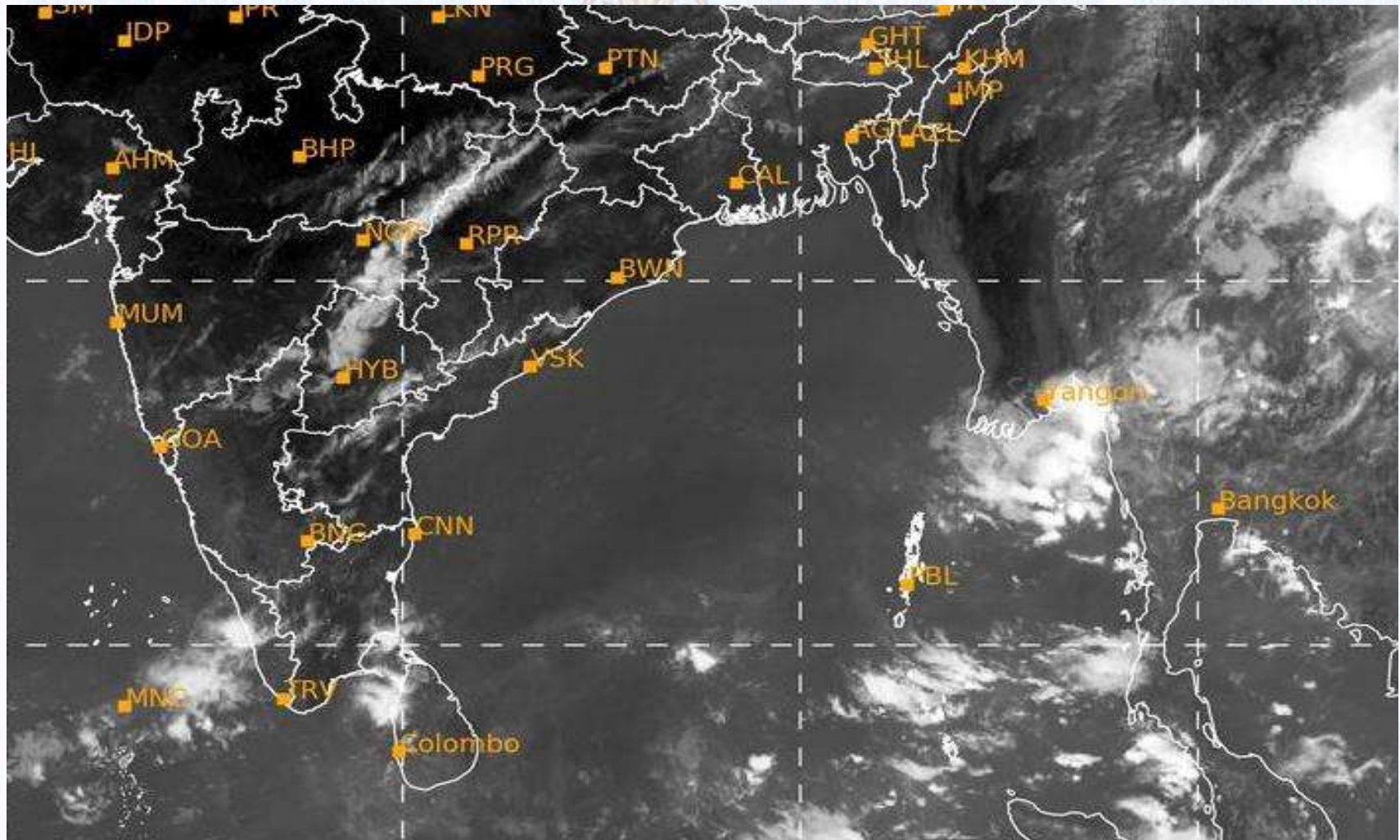
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Apr 2021	28 Apr 2021	29 Apr 2021
<b>Temperature(C)</b>	36°C/ 27°C	35°C/ 27°C	36°C/ 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h31m30s/ 18h27m30s	5h30m54s/ 18h28m00s	5h30m18s/ 18h28m30s
<b>Day Length</b>	12h 56m 00s	12h 57m 06s	12h 58m 12s
<b>Moon Rise/Set</b>	6:47PM/ 5:37AM	7:56PM/ 6:22AM	9:05PM/ 7:12AM
<b>Moon Phase/illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 93%
<b>Nautical Twilight</b>	04:41, 19:18	04:41, 19:18	04:39, 19:19
<b>Civil Twilight</b>	05:08, 18:50	05:08, 18:50	05:07, 18:51
<b>Humidity</b>	D : 61% N : 86%	D : 67% N : 85%	D : 64% N : 85%
<b>Barometer (mb)</b>	1006	1007	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	6%	6%
<b>Wind (km/hr)</b>	17 Km/h, SSW	14 Km/h, SSW	13 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



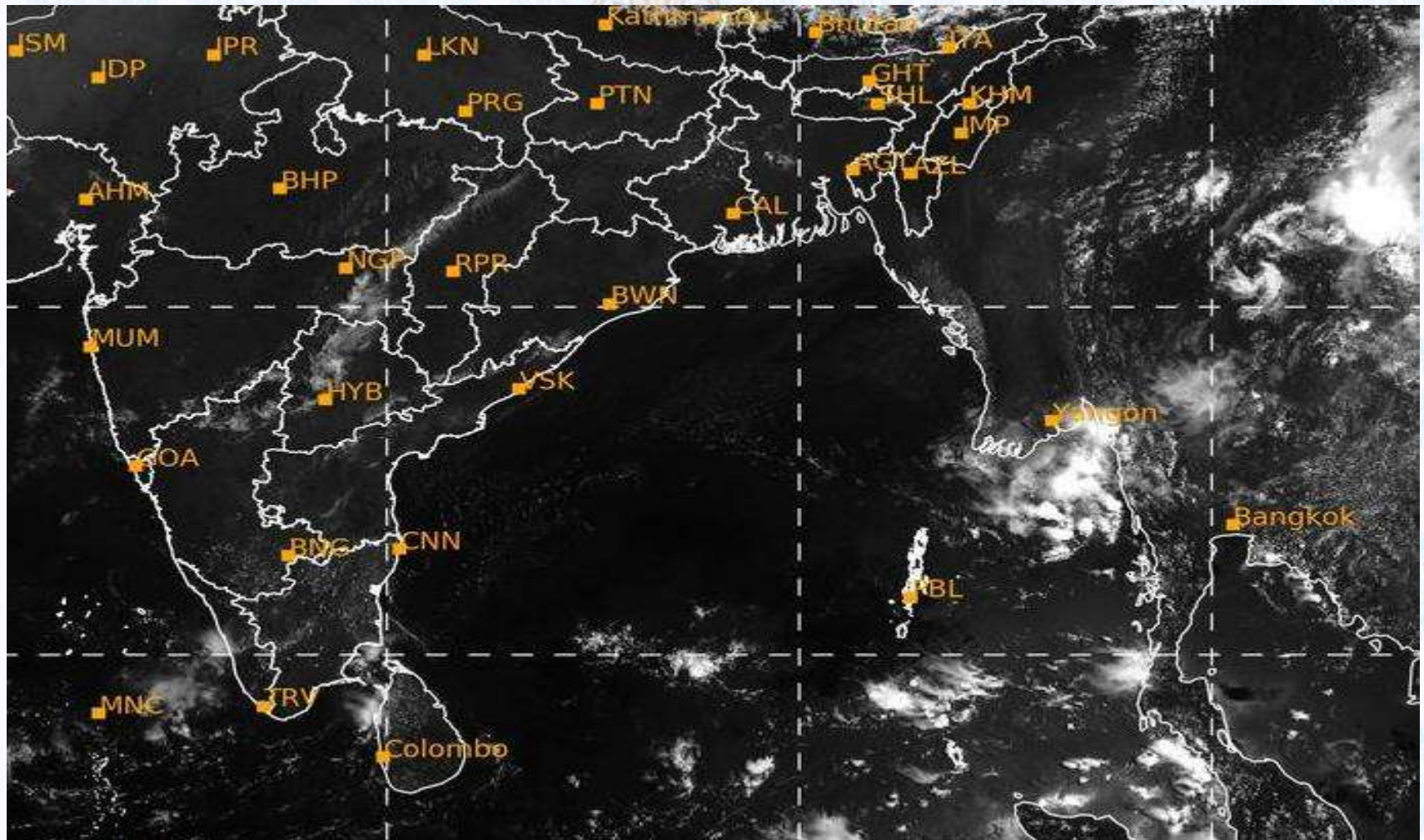
26/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/04/2021, 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 26.04.2021)

<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	WEST/SOUTH-WESTERLY 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 26,0000 UTC. CHATTOGRAM =1009 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 26.04.2020)

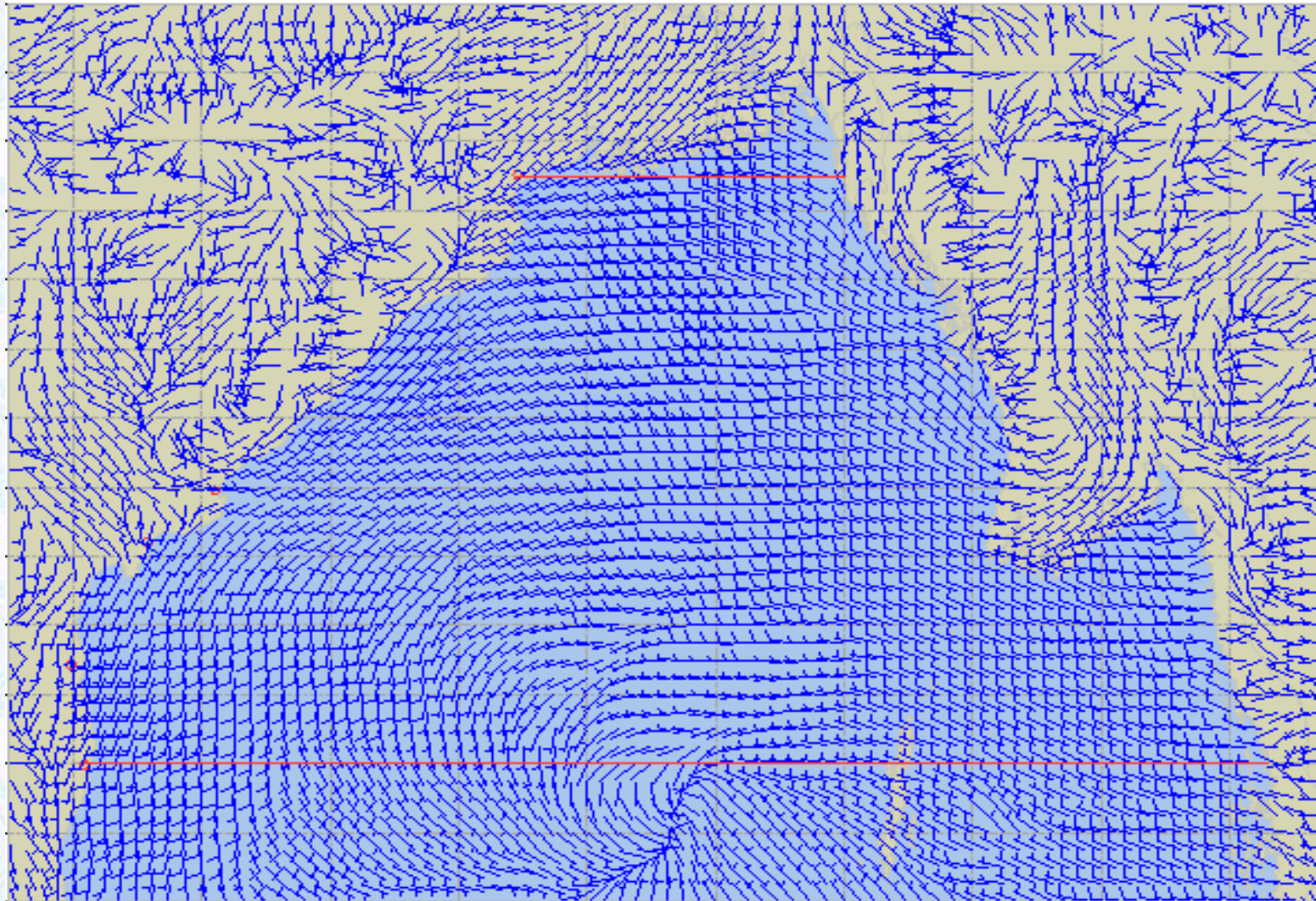
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 27 Apr - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



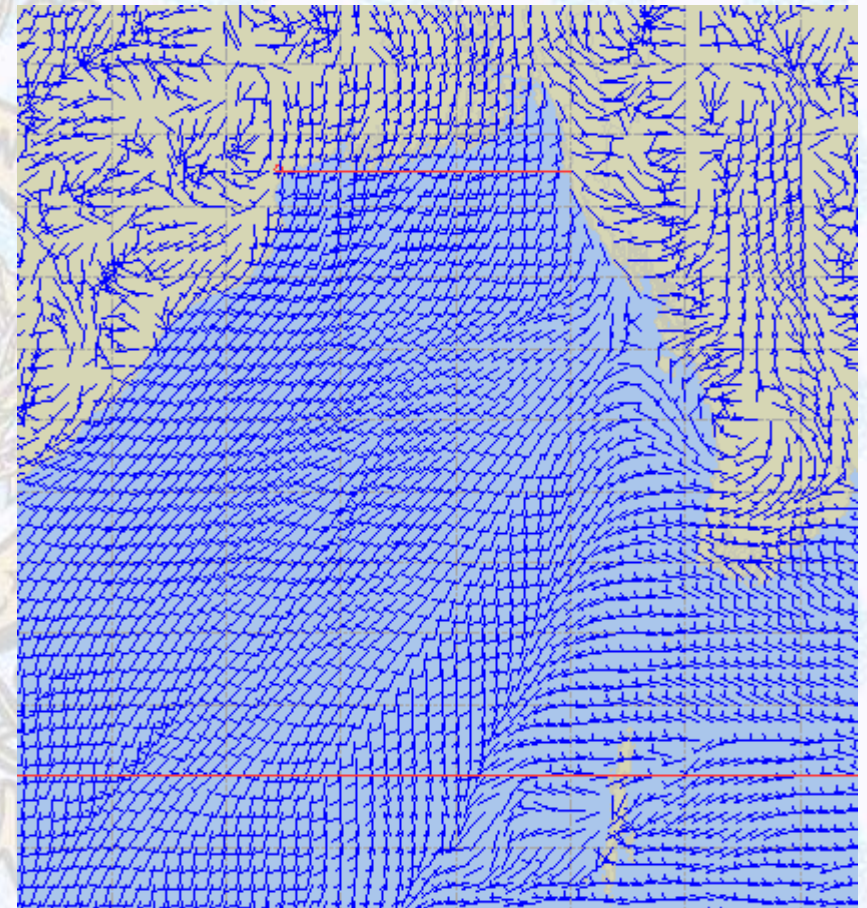
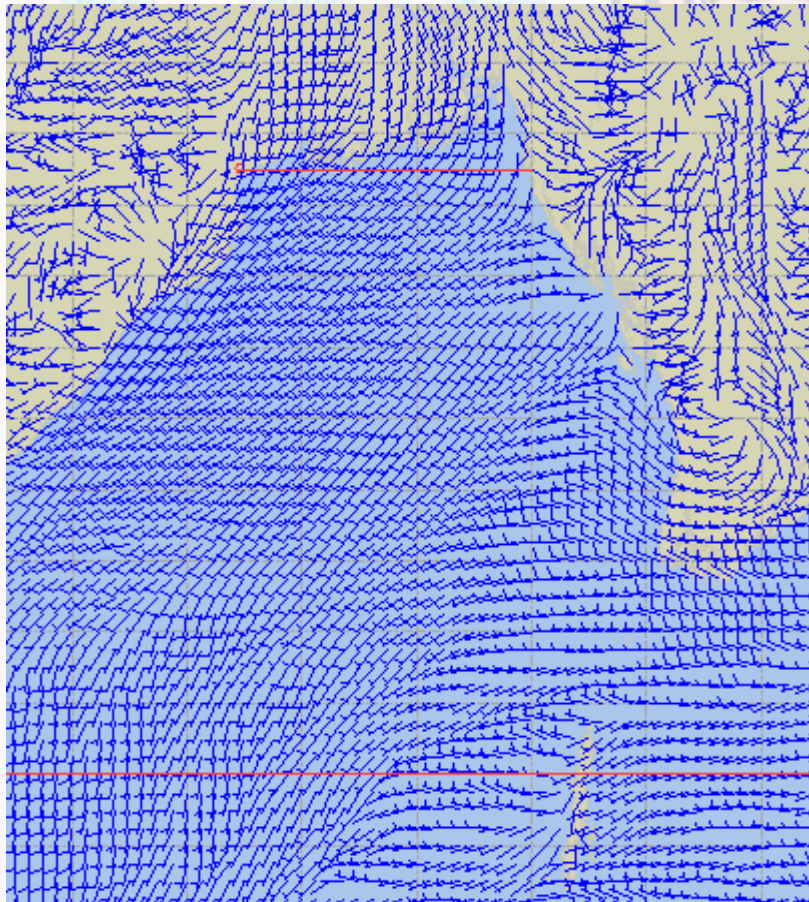
**60 Knots**



# Surface Wind Forecast – 28 & 29 Apr - 2021

28 Apr 21 Wednesday

29 Apr 21 Thursday



**Legend:**



Calm  
Winds



5 Knots



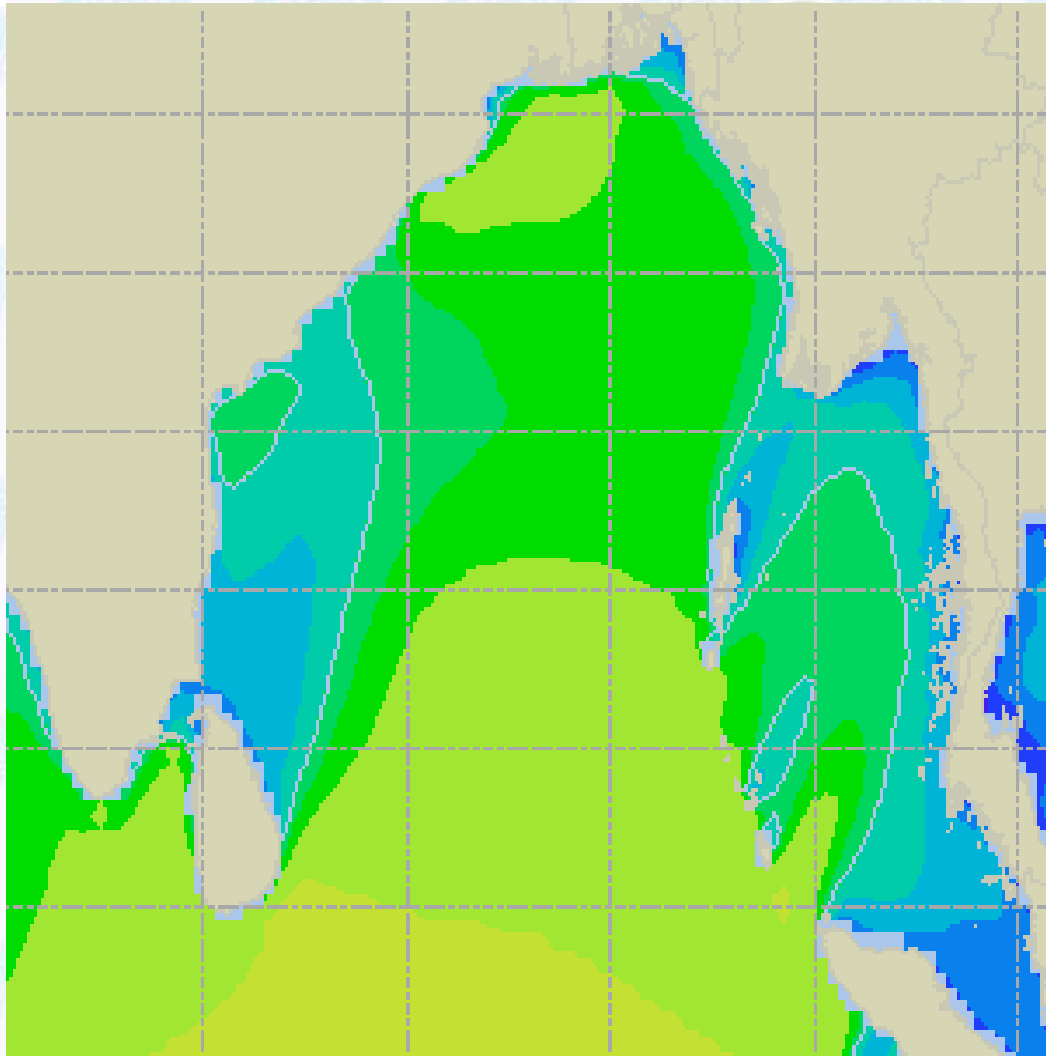
10 Knots



60 Knots



# Sea State Forecast – 27 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

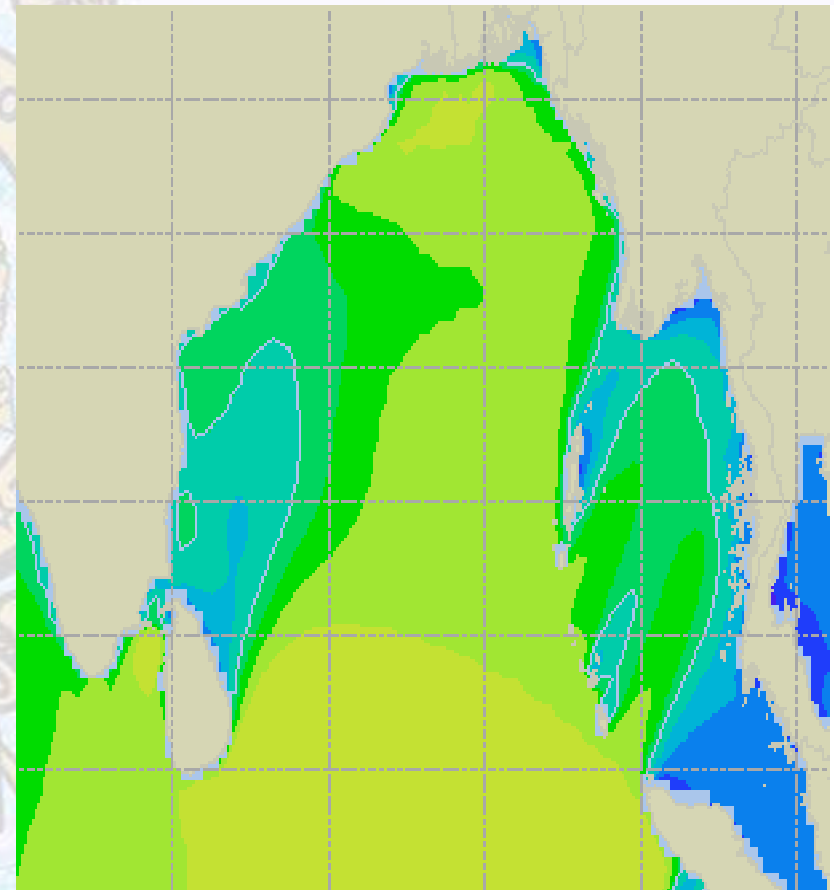
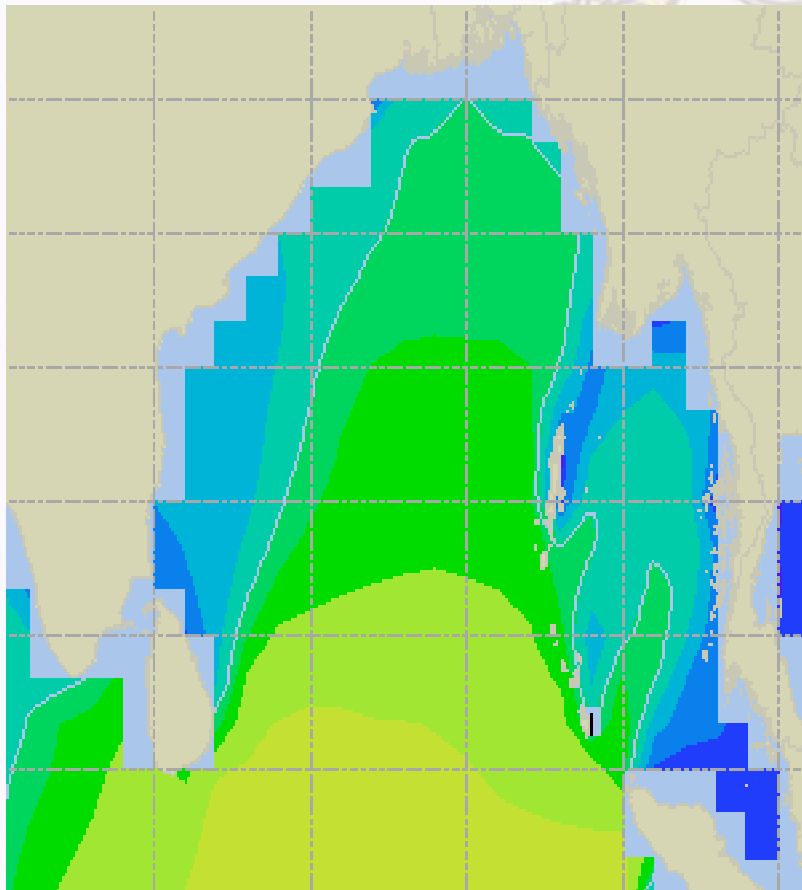




# Sea State Forecast – 28 & 29 Apr - 2021

**28 Apr 21 Wednesday**

**29 Apr 21 Thursday**

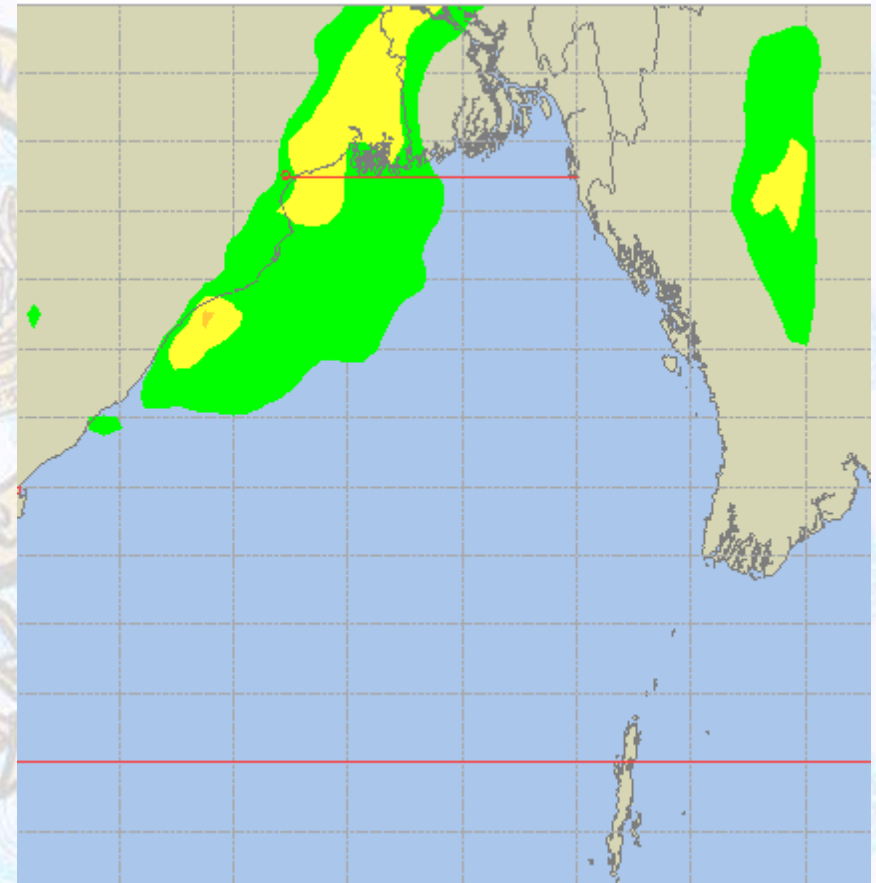
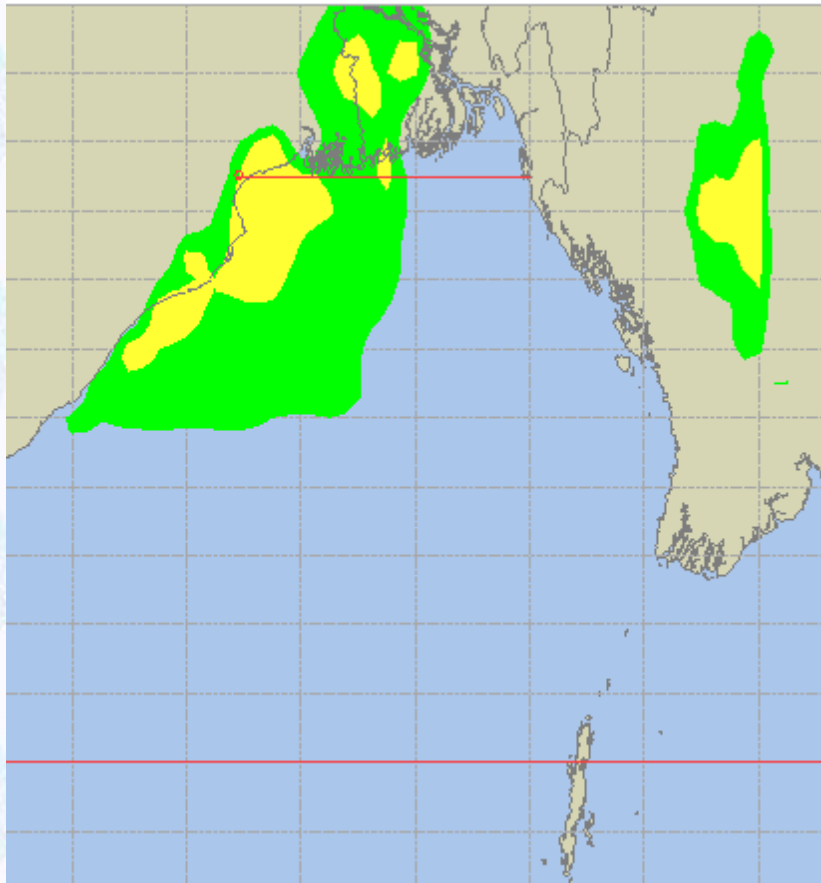




# Peak Gusting Possibilities– 27 & 28 Apr 2021

27 Apr 21 Tuesday

28 Apr 21 Wednesday

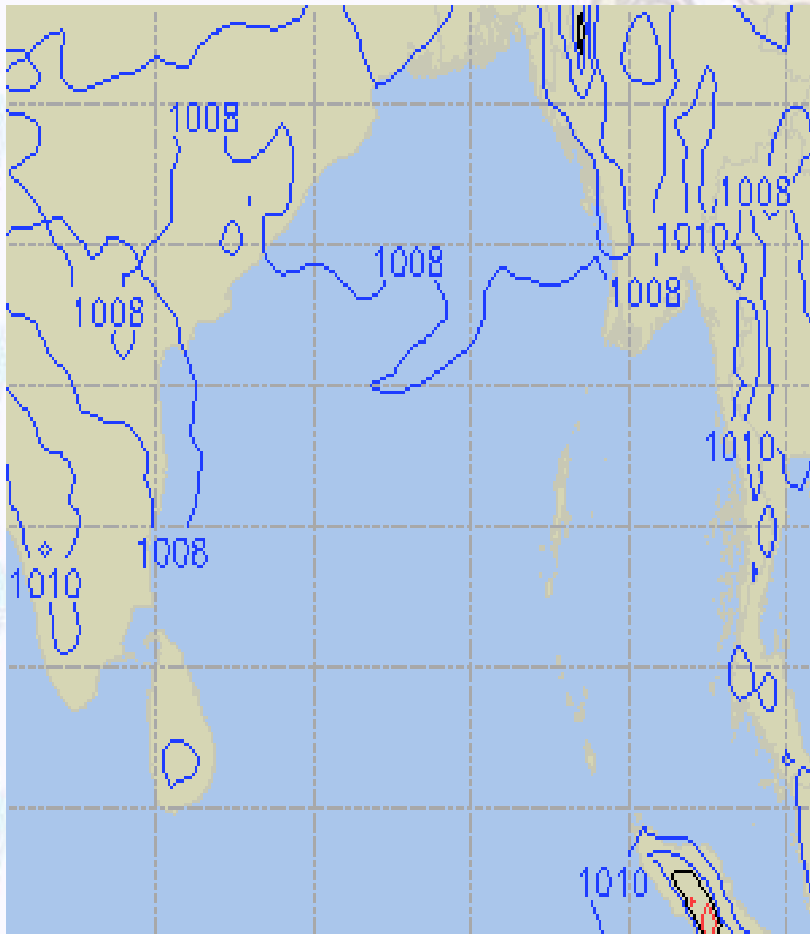




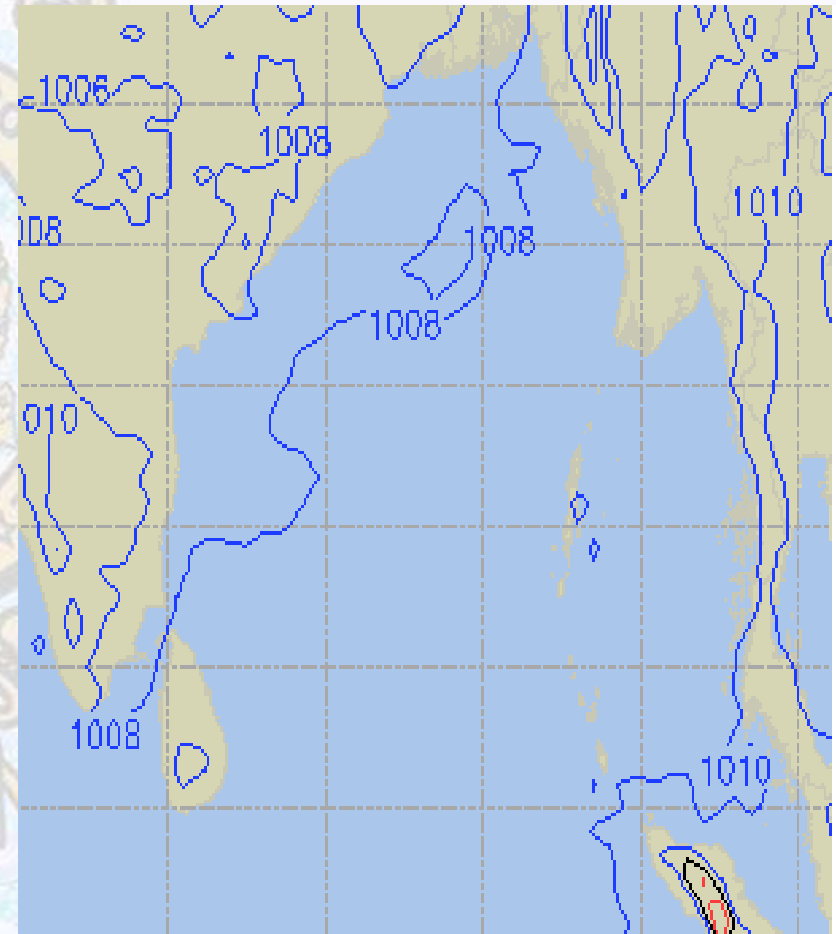


# Surface Pressure forecast – 27 & 28 Apr 2021

**27 Apr 21 Tuesday**



**28 Apr 21 Wednesday**

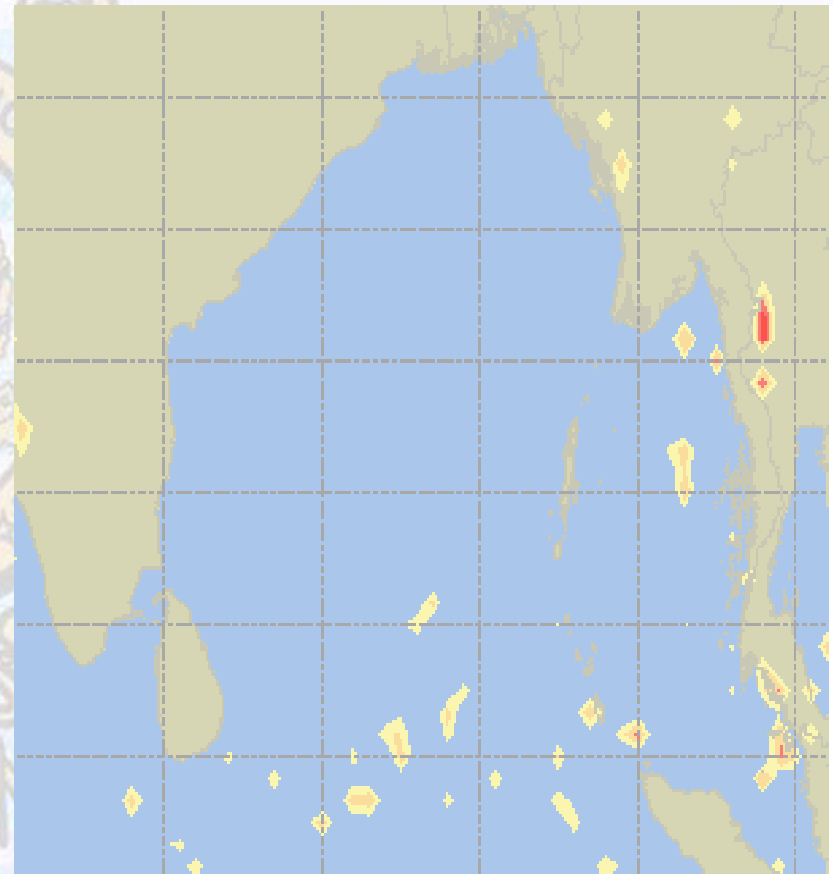
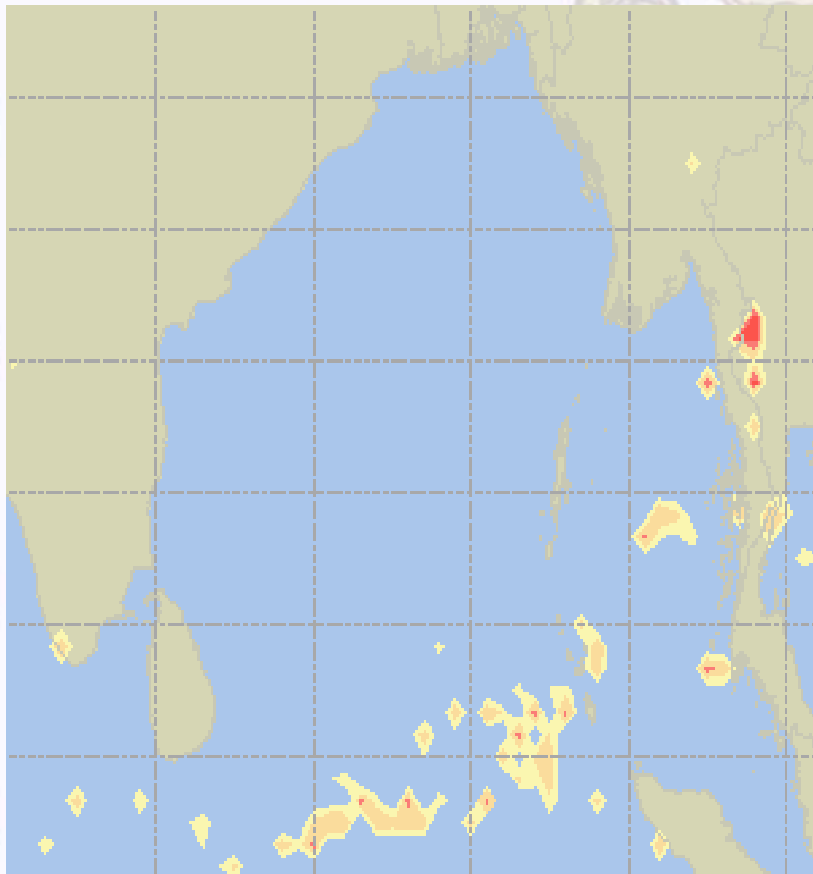




# Visibility at Sea Forecast – 27 & 28 Apr 2021

**27 Apr 21 Tuesday**

**28 Apr 21 Wednesday**



**Visibility Scale:**



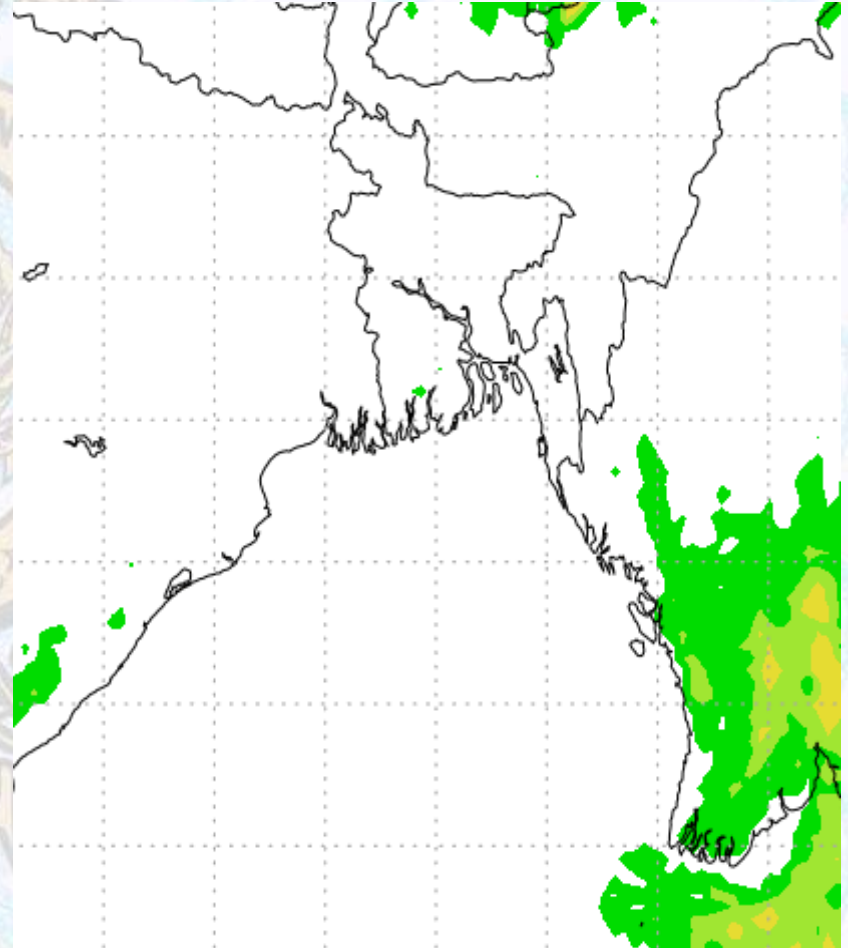
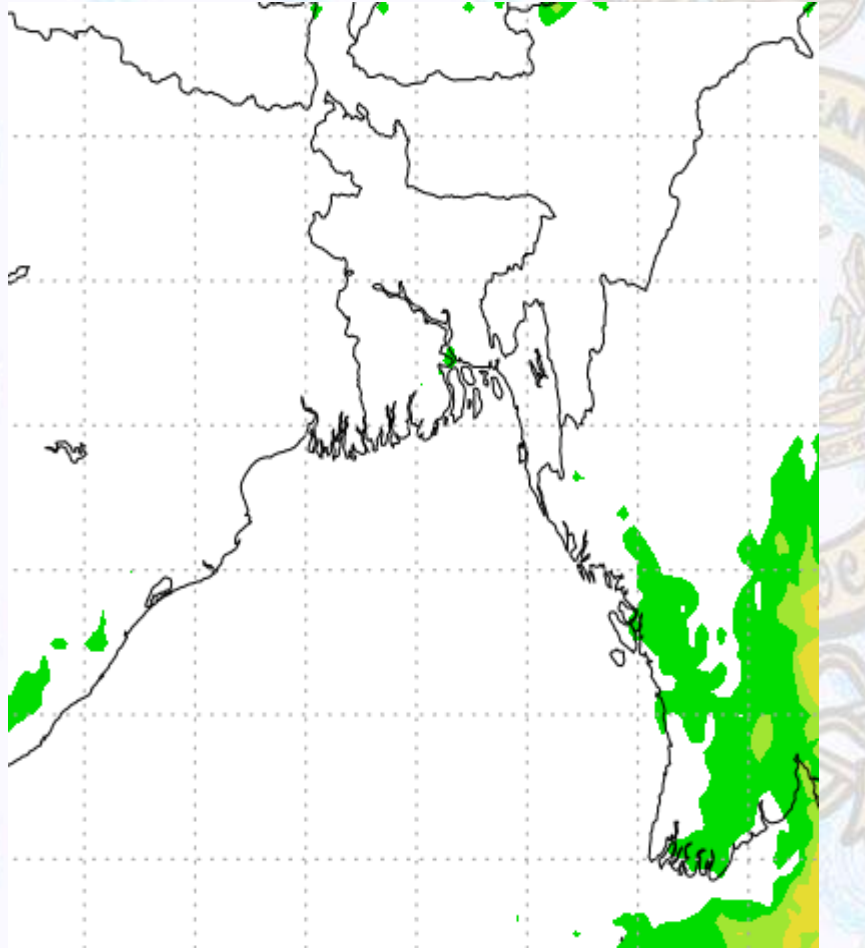
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 27 & 28 Apr 21

Rain(mm) 28 & 29 Apr 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>27 Apr 2021</b>	0038	4.75		0455	0.23		0439	0.24
	0719	0.34		1039	3.82		1042	3.30
	1302	5.00		1720	0.31		1706	0.41
	1943	0.44		2257	3.58		2257	3.06
<b>28 Apr 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0118	4.79		0535	0.16		0518	0.21
	0757	0.29		1121	3.87		1122	3.33
	1340	5.05		1801	0.29		1748	0.42
	2023	0.43		2339	3.52		2338	3.01
<b>29 Apr 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0159	4.74		0615	0.18		0557	0.28
	0835	0.31		1204	3.79		1202	3.27
	1421	5.01		1842	0.35		1829	0.51
	2105	0.48		-	-		-	-