



# **WEATHER FORECAST FOR BN**

**24 - 27 APR 2021**





# WEATHER FORECAST – DHAKA

## 24.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36°C / 18°C	36°C / 19°C	32°C / 20°C	29°C / 20°C
Wind	10 km/h WSW	9 km/h W	7 km/h E	10 m/h S
Humidity	35%	36%	51%	60%
Chance of Precip	1%	1%	1%	1%
Cloud Cover	18%	4%	12%	11%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0529 / 1824			

### Conditions

Pressure : 1008 hpa

Visibility : 3.22 km

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



# WEATHER FORECAST – CHATTOGRAM

## 24.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34°C / 21°C	34°C / 21°C	30°C / 24°C	28°C / 23°C
Wind	15 km/h WNW	16 km/h W	12 km/h WNW	6 km/h NNW
Humidity	47%	47%	69%	73%
Chance of Precip.	1%	2%	2%	4%
Cloud Cover	10%	13%	11%	10%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0525 / 1817			

### Conditions

Pressure : 1008 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 24.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37°C / 18°C	37°C / 17°C	30°C / 20°C	28°C / 22°C
Wind	9 km/h WNW	9 km/h NW	7 km/h SW	7 m/h SW
Humidity	33%	29%	50%	68%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	12%	7%	9%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0534 / 1826			

### Conditions

Pressure : 1008 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	25 Apr 2021	26 Apr 2021	27 Apr 2021
<b>Temperature (C)</b>	38°C / 27°C	38°C / 27°C	38°C / 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h 28m36s/18h24m30s	5h 27m48s/18h25m00s	5h 26m54s/18h25m24s
<b>Day Length</b>	12h55m54s	12h57m12s	12h58m00s
<b>Moon Rise/ Set</b>	4:34PM/ 4:11AM	5:39PM/ 4:51AM	6:45PM/ 5:33AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Full Moon, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	04:44, 19:11	04:44, 19:12	04:36, 19:16
<b>Civil Twilight</b>	05:12, 18:47	05:12, 18:46	05:03, 18:48
<b>Humidity</b>	D : 47%    N : 62%	D : 47%    N : 62%	D : 52%    N : 67%
<b>Barometer (mb)</b>	1005	1006	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	3%	3%	3%
<b>Wind (km/hr)</b>	10 Km/h, WSW	12 Km/h, SSW	12 Km/h, S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Apr 2021	26 Apr 2021	27 Apr 2021
<b>Temperature (C)</b>	35°C/ 25°C	33°C/ 26°C	33°C/ 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h24m36s/ 18h17m00s	5h23m54s/ 18h17m24s	5h23m00s/ 18h17m00s
<b>Day Length</b>	12h52m24s	12h53m30s	12h54m42s
<b>Moon Rise/ Set</b>	4:14PM/ 4:15AM	5:19PM/ 4:31AM	6:37PM/ 5:28AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Full Moon, 98%	Full Moon, 99%
<b>NauticalTwilight</b>	04:41, 19:03	04:41, 19:03	04:32, 19:08
<b>Civil Twilight</b>	05:07, 18:38	05:07, 18:38	05:00, 18:40
<b>Humidity</b>	D : 62%    N : 83%	D : 73%    N : 90%	D : 75%    N : 92%
<b>Barometer (mb)</b>	1006	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	4%	7%	6%
<b>Wind (km/hr)</b>	16 Km/h, WNW	16 Km/h, WSW	16 Km/h, WSW

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



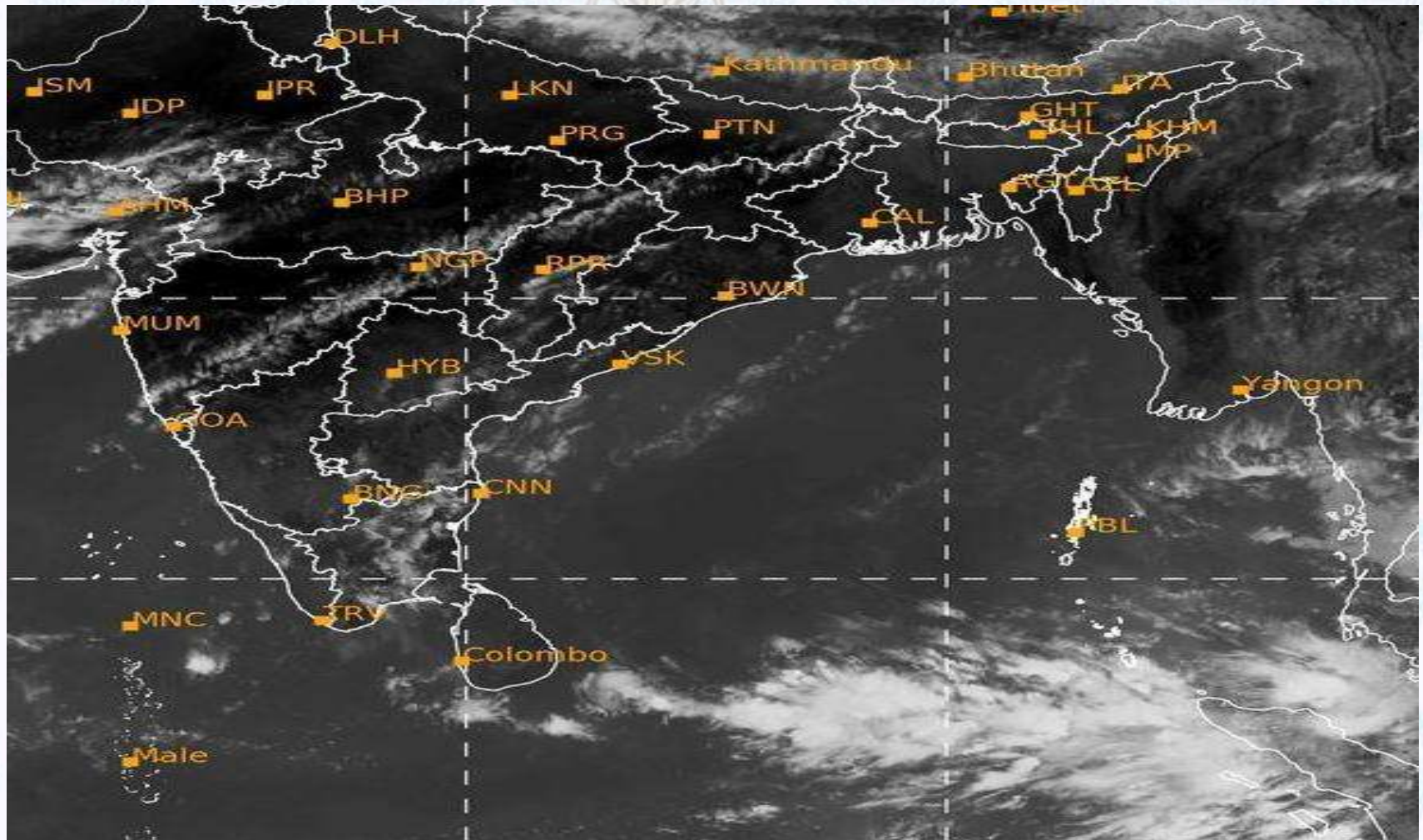
# GENERAL WEATHER FORECAST – KHULNA

Description	25 Apr 2021	26 Apr 2021	27 Apr 2021
<b>Temperature(C)</b>	38°C/ 27°C	37°C/ 27°C	36°C/ 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h33m12s/ 18h26m42s	5h32m24s/ 18h26m06s	5h31m30s/ 18h27m30s
<b>Day Length</b>	12h 53m 30s	12h 54m 42s	12h 56m 00s
<b>Moon Rise/Set</b>	4:35PM/ 4:31AM	5:29PM/ 4:11AM	6:47PM/ 5:37AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 94%	Full Moon, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	04:49, 19:13	04:49, 19:13	04:41, 19:18
<b>Civil Twilight</b>	05:16, 18:47	05:16, 18:46	05:08, 18:50
<b>Humidity</b>	D : 55%    N : 81%	D : 59%    N : 85%	D : 61%    N : 85%
<b>Barometer (mb)</b>	1006	1005	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (km/hr)</b>	12 Km/h, SW	16 Km/h, SW	16 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



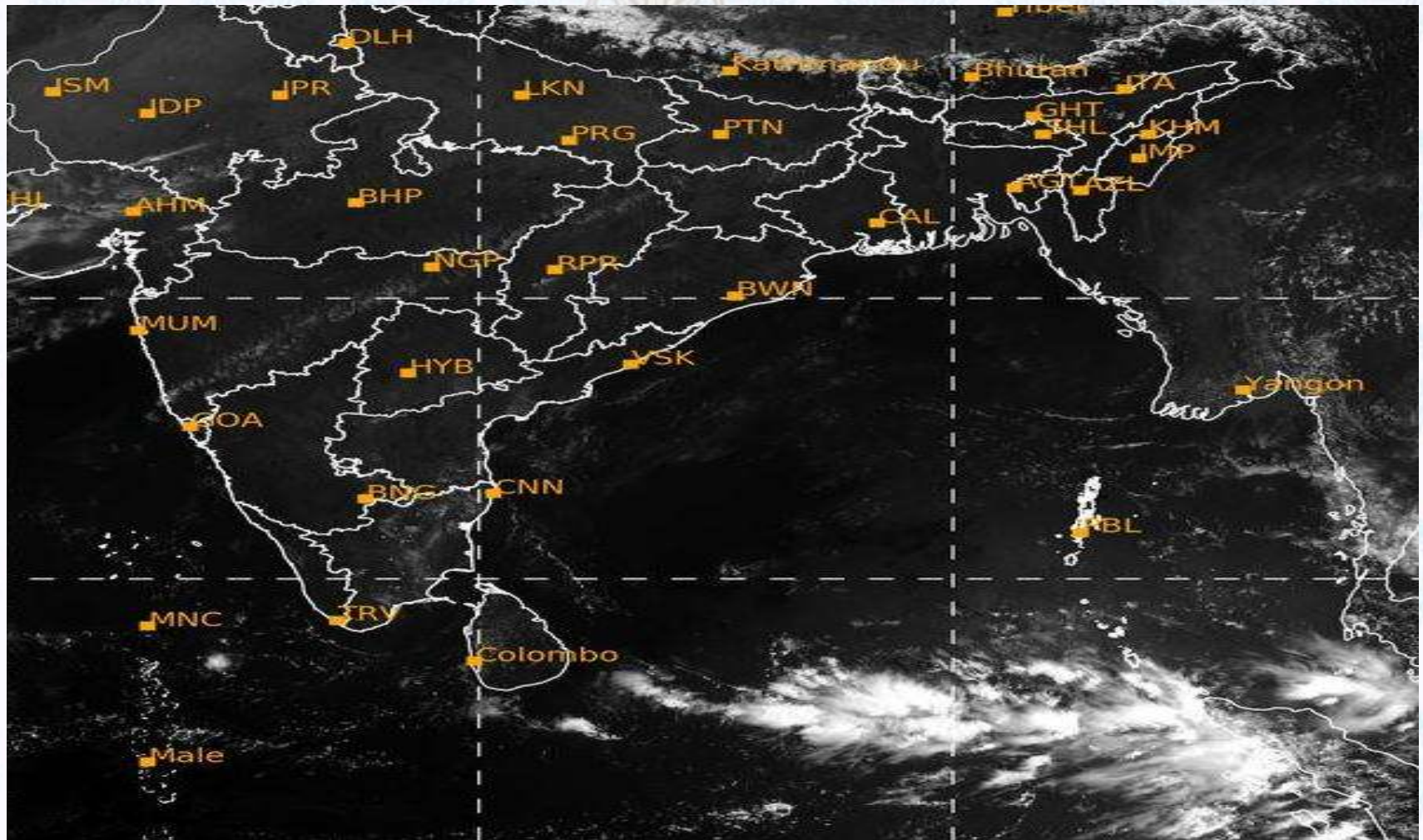
24/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



24/04/2021, 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 24.04.2021)

<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 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 24,0000 UTC. CHATTOGRAM =1007 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 24.04.2020)

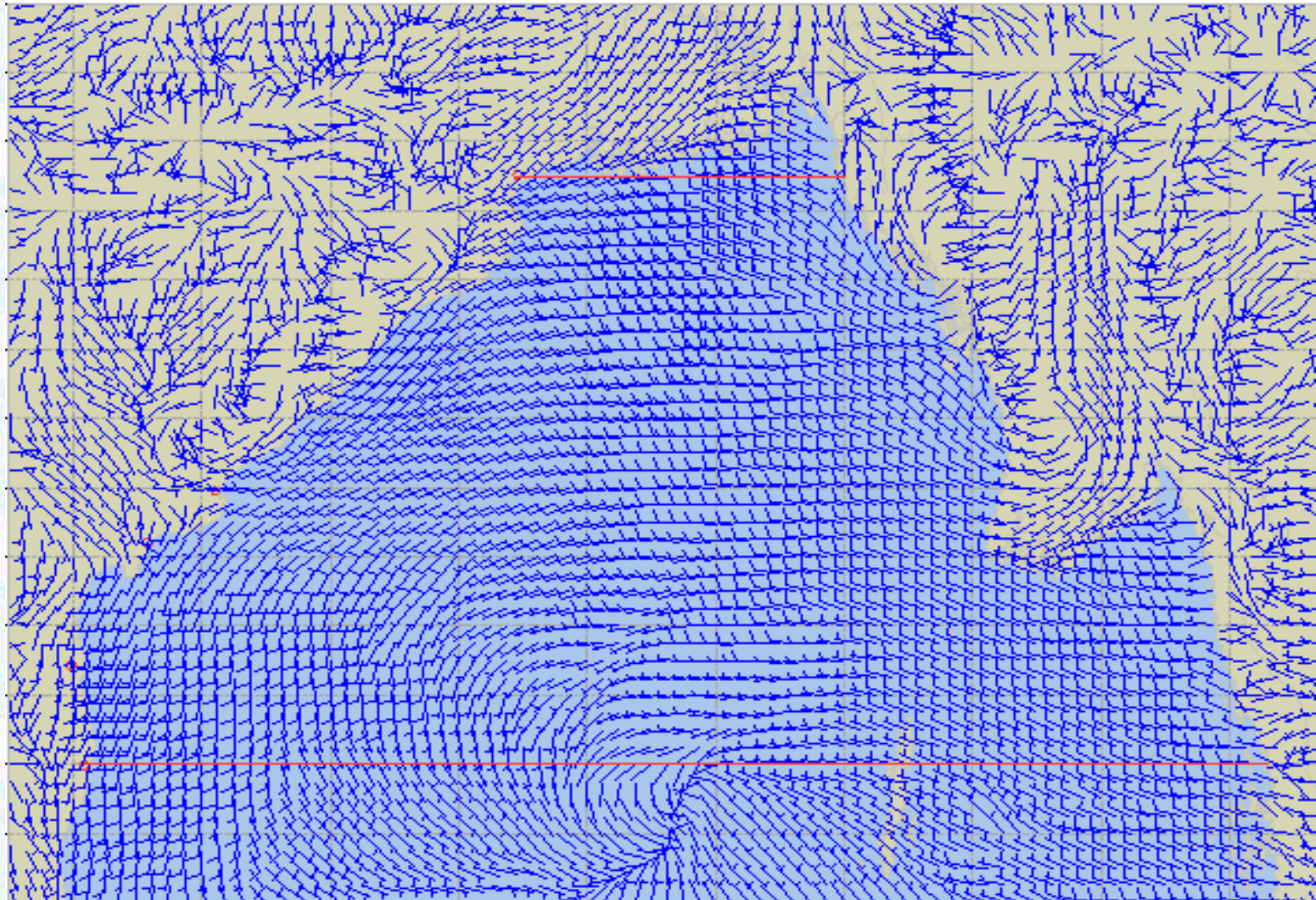
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 25 Apr - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



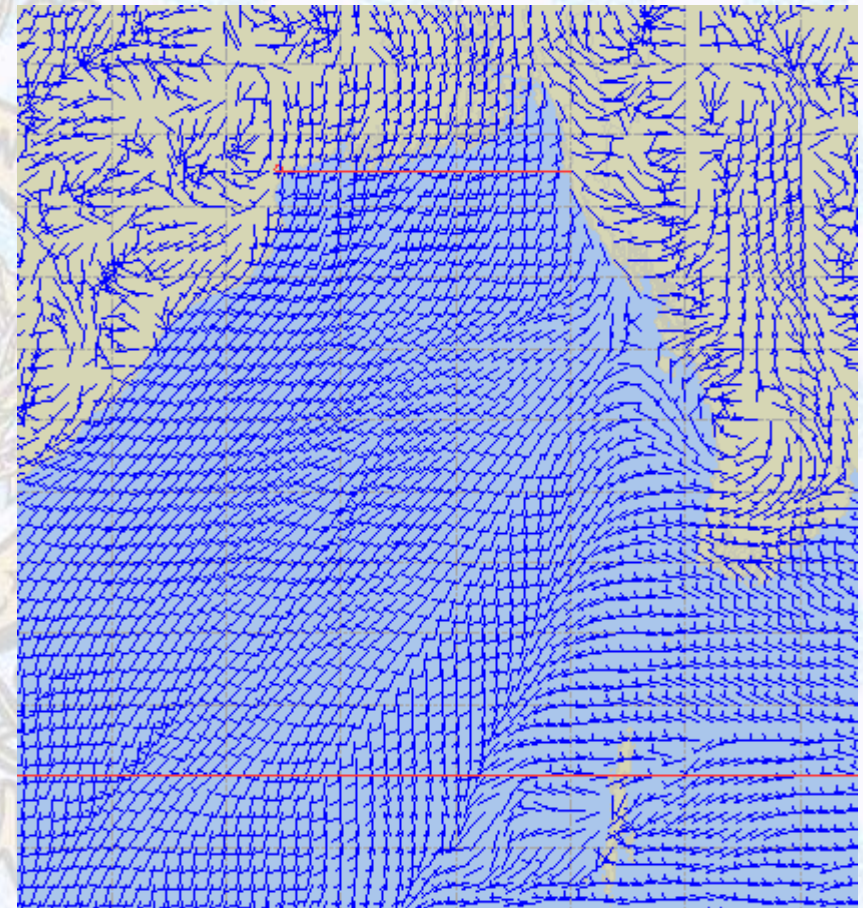
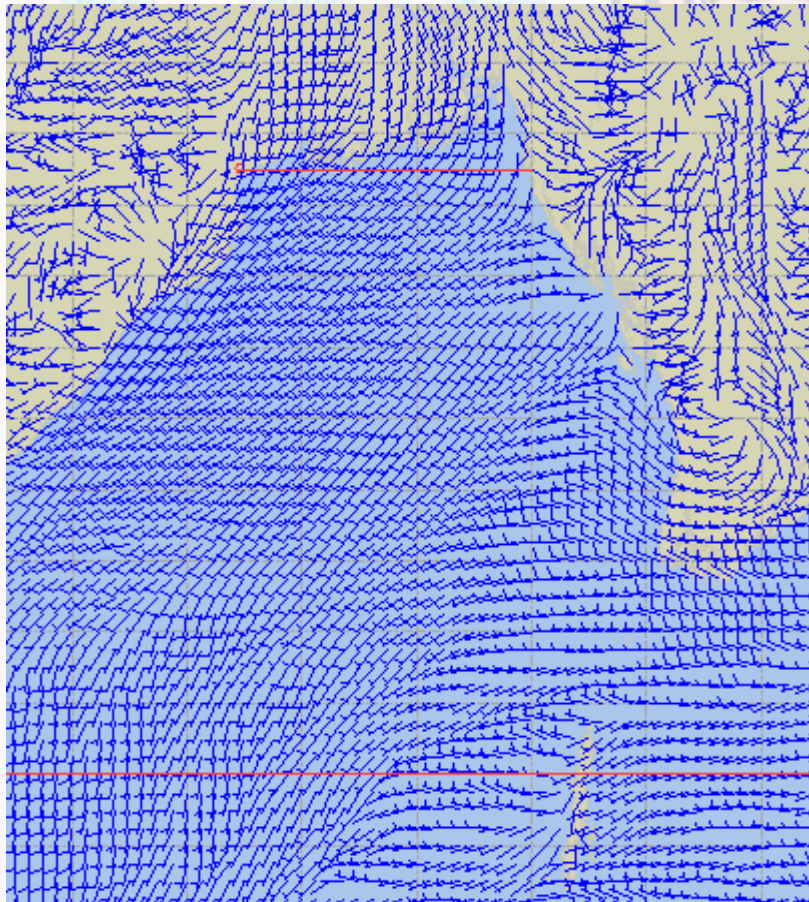
**60 Knots**



# Surface Wind Forecast – 26 & 27 Apr - 2021

26 Apr 21 Monday

27 Apr 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



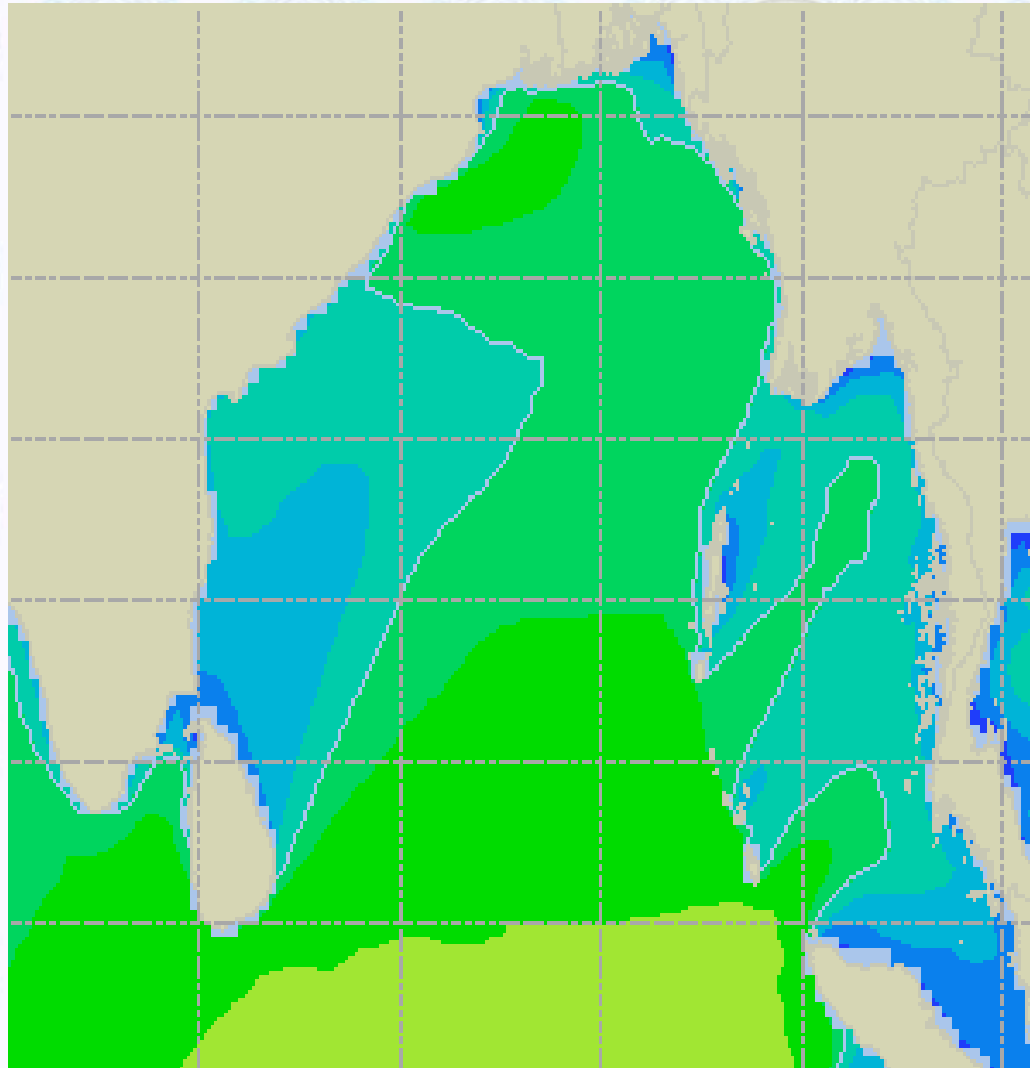
10 Knots



60 Knots



# Sea State Forecast – 25 Apr - 2021



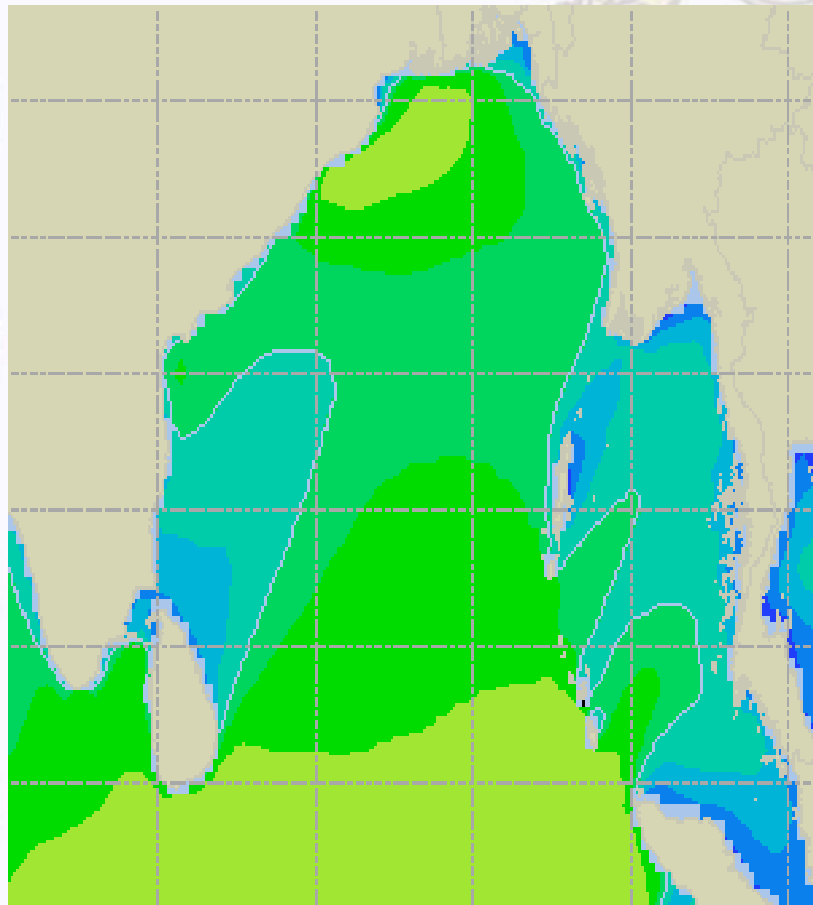
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



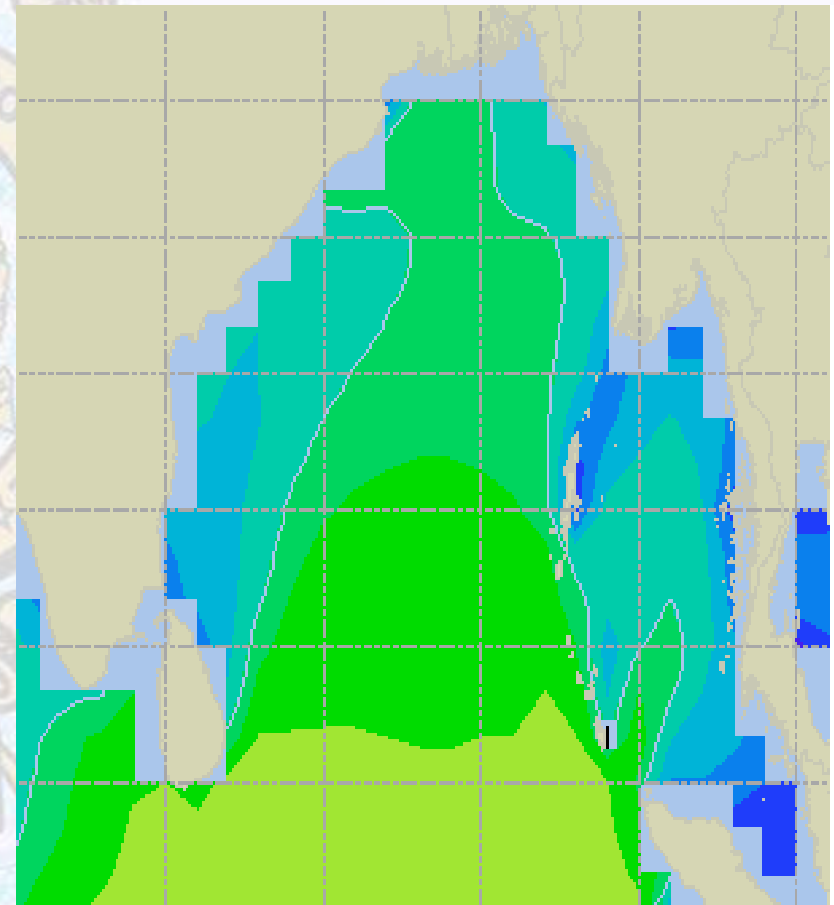


# Sea State Forecast – 25 & 26 Apr - 2021

**26 Apr 21 Monday**



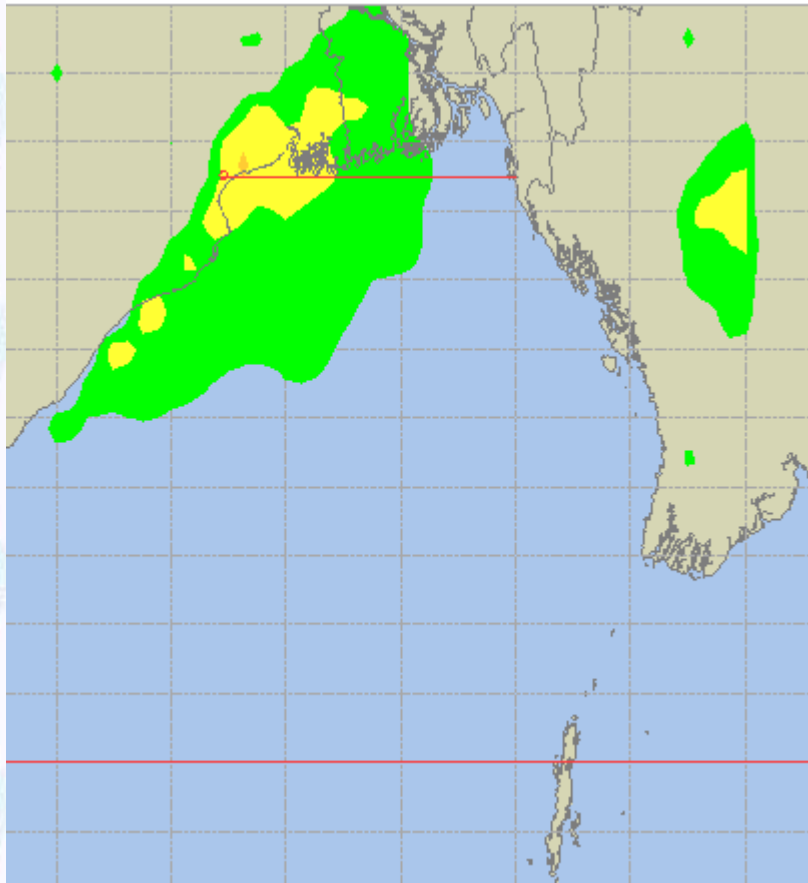
**27 Apr 21 Tuesday**



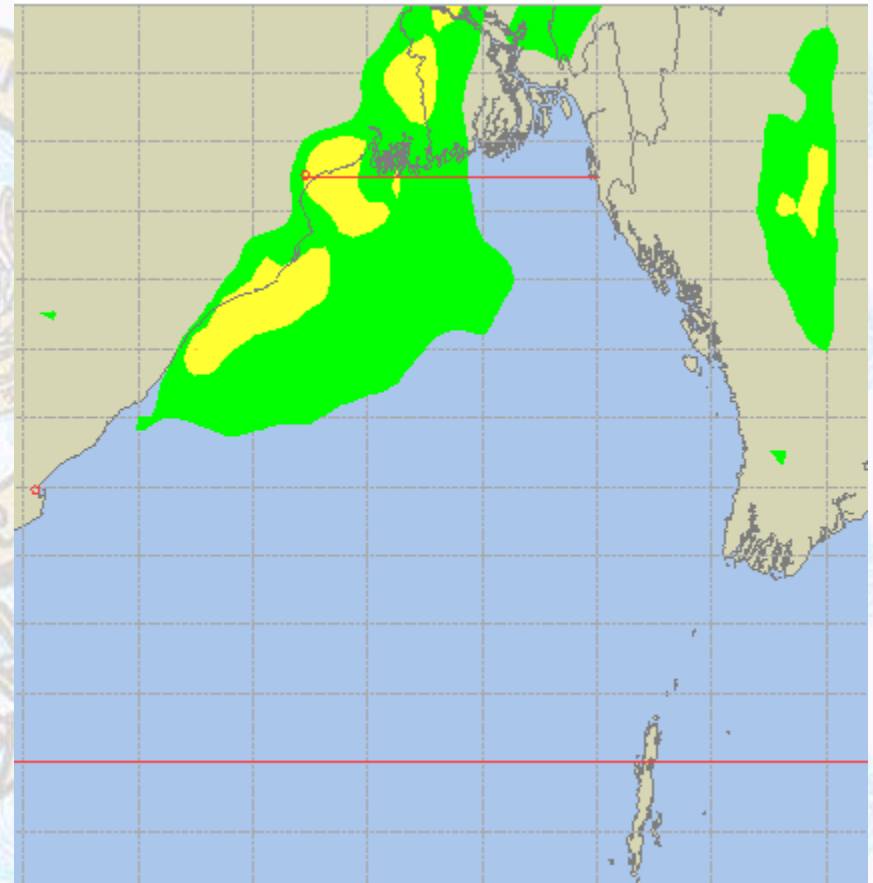


# Peak Gusting Possibilities—25 & 26 Apr 2021

25 Apr 21 Sunday



26 Apr 21 Monday

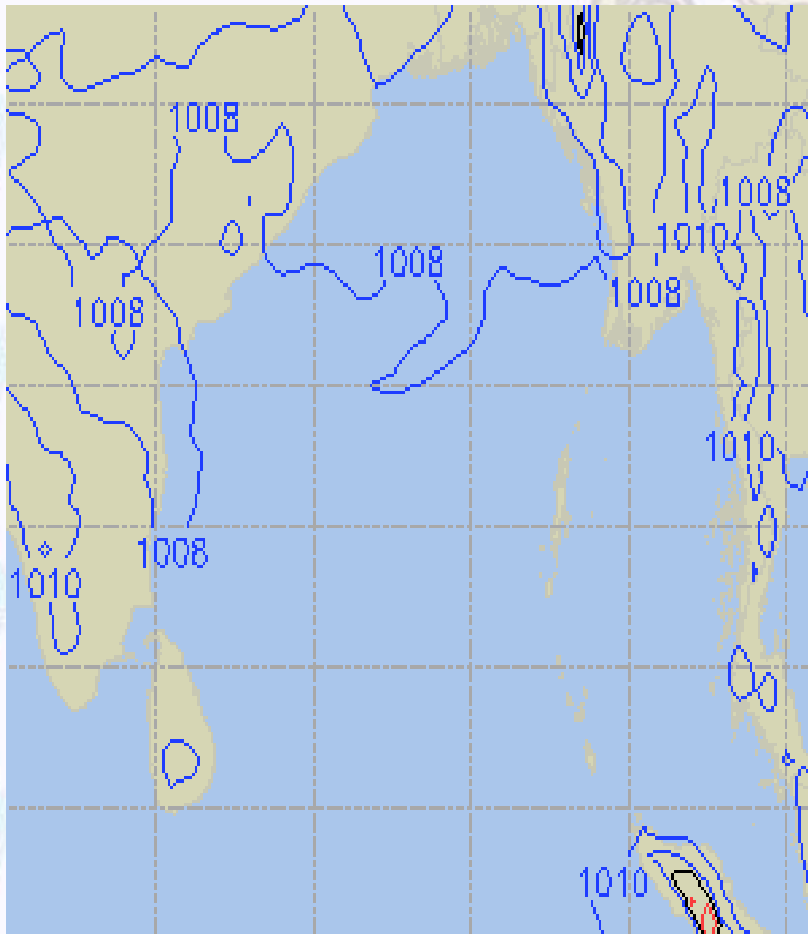




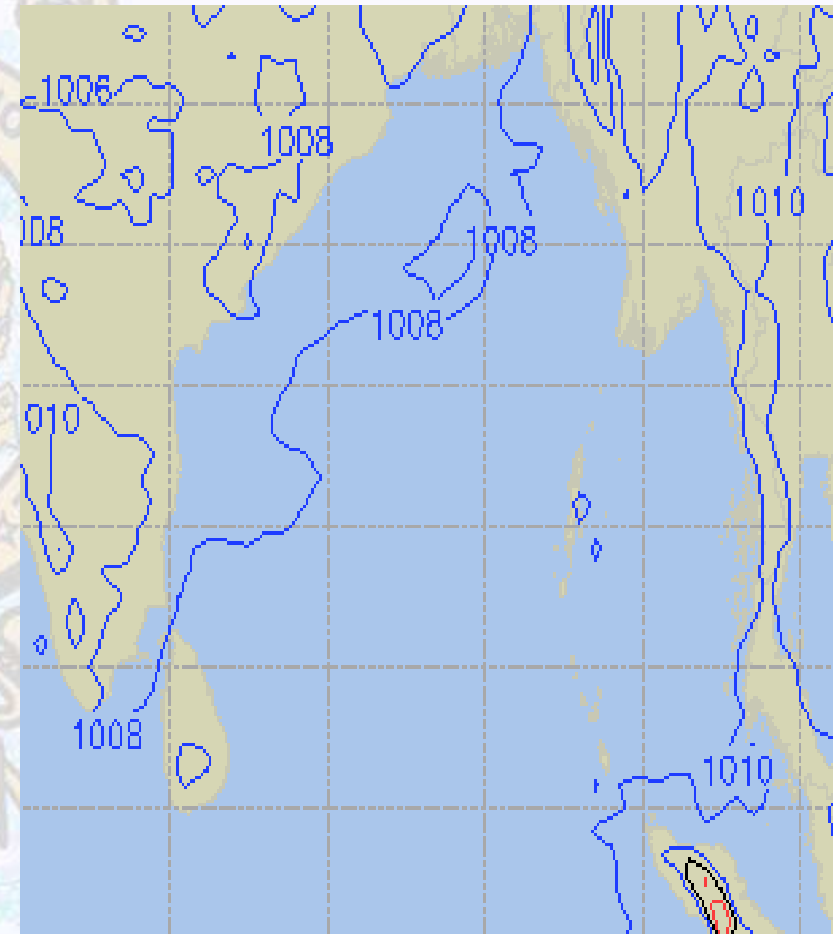


# Surface Pressure forecast – 25 & 26 Apr 2021

**25 Apr 21 Sunday**



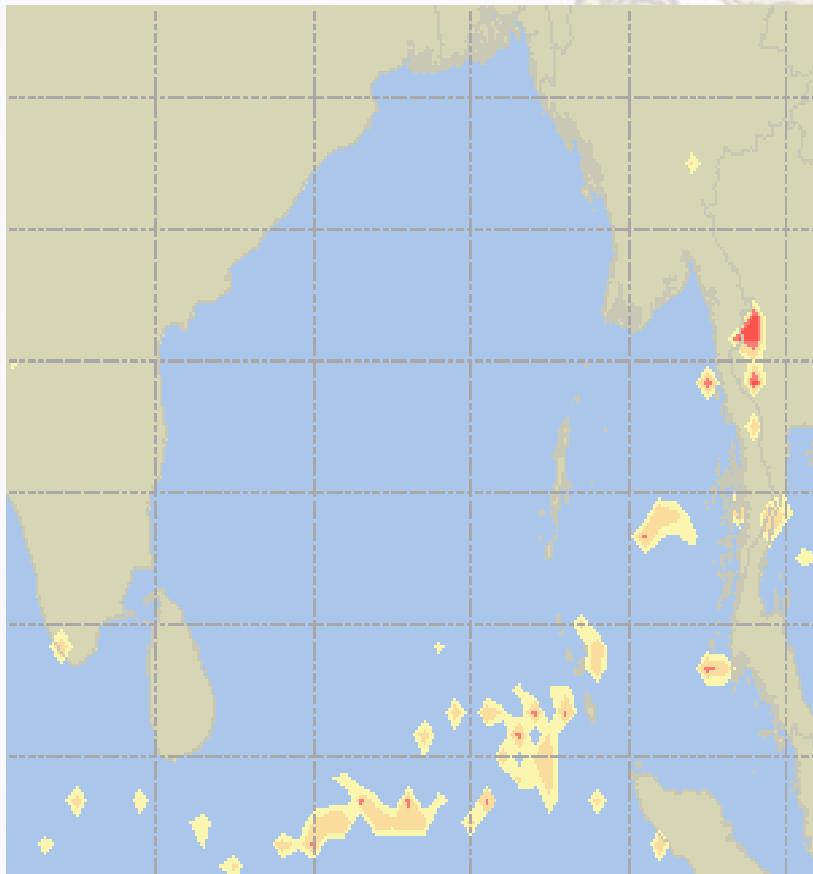
**26 Apr 21 Monday**



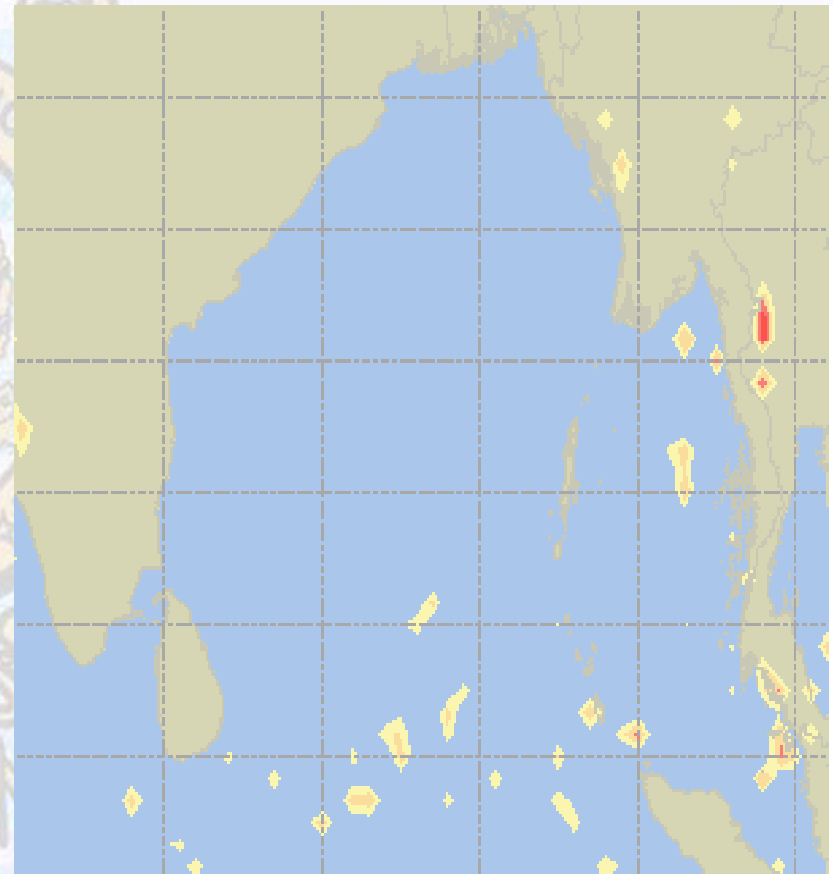


# Visibility at Sea Forecast – 25 & 26 Apr 2021

**25 Apr 21 Sunday**



**26 Apr 21 Monday**



**Visibility Scale:**

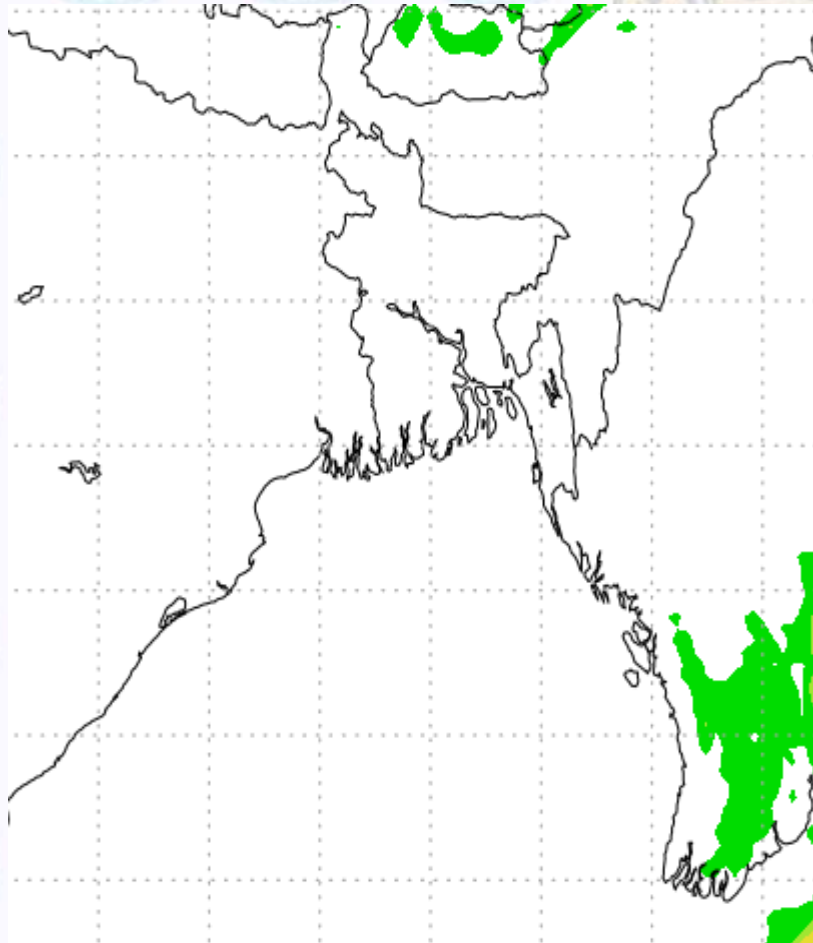


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>




# Precipitation

Rain(mm) 25 & 26 Apr 21



Rain(mm) 26 & 27 Apr 21

 The image cannot be displayed. Your computer may not have enough memory to open the image, or the image may have been corrupted. Restart your computer, and then open the file again. If the red x still appears, you may have to delete the image and then insert it again.

**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0557		0.63			0330	0.56
<b>25 Apr 2021</b>	1146	4.61		0918	3.35		0922	3.00
	1820	0.70		1555	0.58		1539	0.64
	2357	4.64		2135	3.39		2132	2.97
	Time	Height		Time	Height		Time	Height
		0639		0.46			0413	0.37
<b>26 Apr 2021</b>	1224	4.85		0958	3.64		1002	3.19
	1902	0.53		1639	0.41		1624	0.49
	-	-		2217	3.54		2215	3.05
	Time	Height		Time	Height		Time	Height
		0038		4.75			0455	0.23
<b>27 Apr 2021</b>	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