



# WEATHER FORECAST FOR BN

**28 APR - 01 MAY 2021**





# WEATHER FORECAST – DHAKA

## 28.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36°C / 20°C	36°C / 21°C	34°C / 21°C	31°C / 22°C
Wind	14 km/h SSE	14 km/h SSW	12 km/h SSW	15 m/h SW
Humidity	43%	41%	53%	64%
Chance of Precip	2%	45%	7%	6%
Cloud Cover	14%	50%	20%	10%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0526 / 1825			

### Conditions

Pressure : 1009 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 28.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 25°C	32°C / 25°C	30°C / 27°C	28°C / 26°C
Wind	12 km/h WSW	15 km/h WSW	12 km/h SW	7 km/h SSW
Humidity	67%	70%	87%	89%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	16%	2%	4%	15%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise / Sunset	0523 / 1817			

### Conditions

Pressure : 1011 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 28.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37°C / 22°C	37°C / 22°C	32°C / 25°C	29°C / 25°C
Wind	8 km/h SSW	10 km/h SW	12 km/h SSW	9 m/h SSW
Humidity	42%	42%	67%	80%
Chance of Precip.	7%	7%	8%	4%
Cloud Cover	13%	26%	10%	16%
Conditions	Mostly Sunny	Mostly Sunny	Clear	Clear
Sunrise / Sunset	0531 / 1827			

### Conditions

Pressure : 1010 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	29 Apr 2021	30 Apr 2021	01 May 2021
<b>Temperature (C)</b>	37°C / 27°C	36°C / 27°C	35°C / 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h 25m36s/18h26m24s	5h 24m54s/18h26m54s	5h 24m12s/18h27m24s
<b>Day Length</b>	13h00m48s	13h02m00s	13h03m12s
<b>Moon Rise/ Set</b>	9:03PM/ 7:07AM	10:11PM/ 8:01AM	11:14PM/ 9:01AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 93%	Waning Gibbous, 85%	Waning Gibbous, 75%
<b>Nautical Twilight</b>	04:34, 19:17	04:34, 19:17	04:34, 19:17
<b>Civil Twilight</b>	05:02, 18:49	05:02, 18:49	05:02, 18:49
<b>Humidity</b>	D : 54%    N : 67%	D : 54%    N : 67%	D : 54%    N : 67%
<b>Barometer (mb)</b>	1008	1008	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	9%	21%
<b>Wind (km/hr)</b>	10 Km/h, WSW	12 Km/h, SSW	12 Km/h, SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	29 Apr 2021	30 Apr 2021	01 May 2021
<b>Temperature (C)</b>	32°C/ 27°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h21m48s/ 18h18m42s	5h21m12s/ 18h19m12s	5h20m36s/ 18h19m42s
<b>Day Length</b>	12h56m54s	12h58m00s	12h59m06s
<b>Moon Rise/ Set</b>	8:54PM / 7:03AM	10:02PM / 7:59AM	11:05PM / 8:58AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 93%	Waning Gibbous, 85%	Waning Gibbous, 75%
<b>NauticalTwilight</b>	04:31, 19:09	04:31, 19:09	04:31, 19:09
<b>Civil Twilight</b>	04:58, 18:41	04:58, 18:41	04:58, 18:41
<b>Humidity</b>	D : 75%    N : 91%	D : 75%    N : 91%	D : 75%    N : 91%
<b>Barometer (mb)</b>	1009	1008	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	16%	15%	24%
<b>Wind (km/hr)</b>	15 Km/h, WSW	13 Km/h, SW	14 Km/h, SW

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



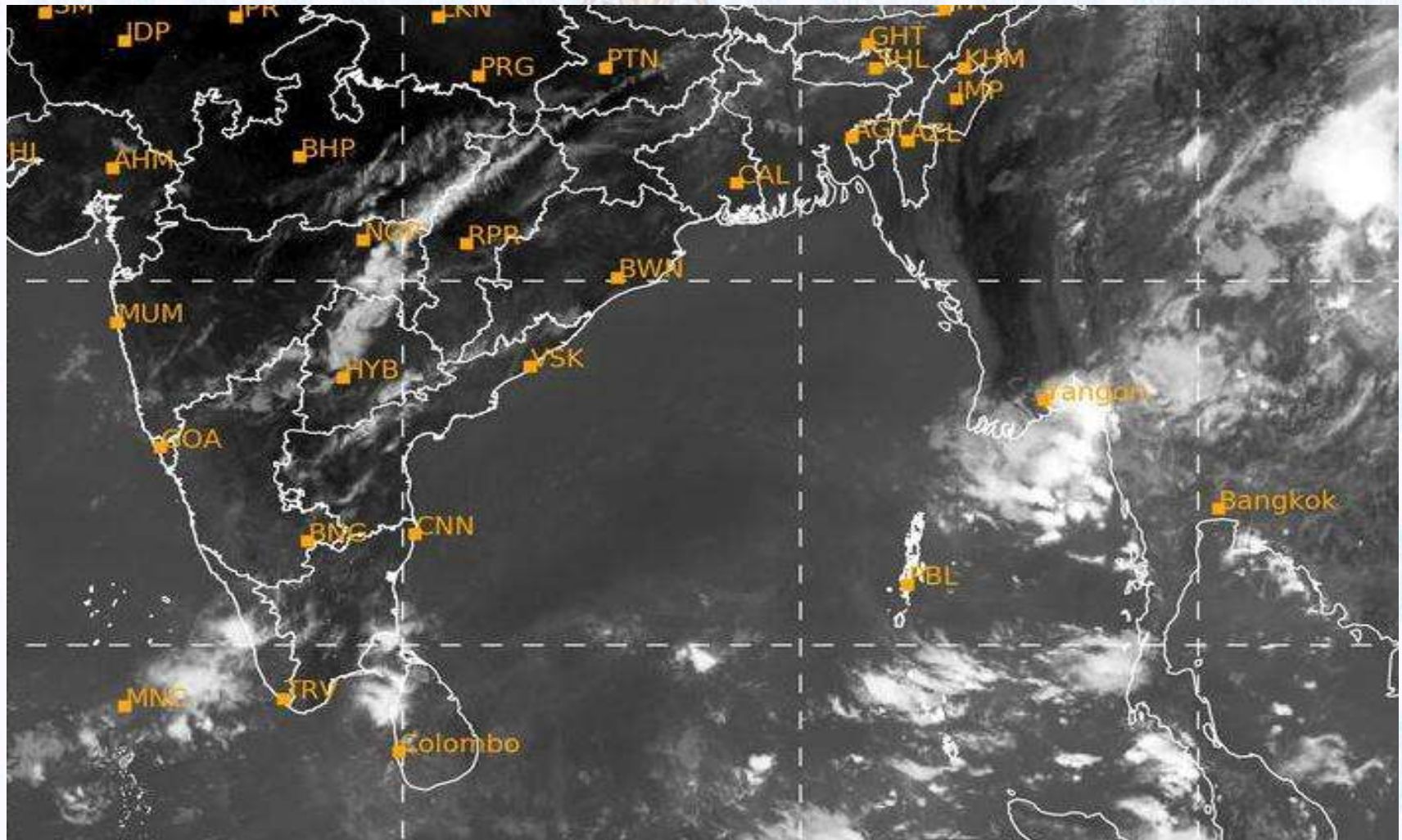
# GENERAL WEATHER FORECAST – KHULNA

Description	29 Apr 2021	30 Apr 2021	01 May 2021
<b>Temperature(C)</b>	36°C/ 27°C	35°C/ 27°C	34°C/ 27°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h30m18s/ 18h28m30s	5h29m36s/ 18h29m00s	5h29m00s/ 18h29m30s
<b>Day Length</b>	12h 58m 12s	12h 59m 24s	13h 00m 30s
<b>Moon Rise/Set</b>	9:05PM/ 7:12AM	10:12PM/ 8:07AM	11:15PM/ 9:06AM
<b>Moon Phase/illu</b>	Waning Gibbous, 93%	Waning Gibbous, 93%	Waning Gibbous, 75%
<b>Nautical Twilight</b>	04:39, 19:19	04:39, 19:19	04:39, 19:19
<b>Civil Twilight</b>	05:07, 18:51	05:07, 18:51	05:07, 18:51
<b>Humidity</b>	D : 64%    N : 85%	D : 64%    N : 85%	D : 64%    N : 85%
<b>Barometer (mb)</b>	1008	1007	1007
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	6%	6%	11%
<b>Wind (km/hr)</b>	13 Km/h, SSW	14 Km/h, SSW	16 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



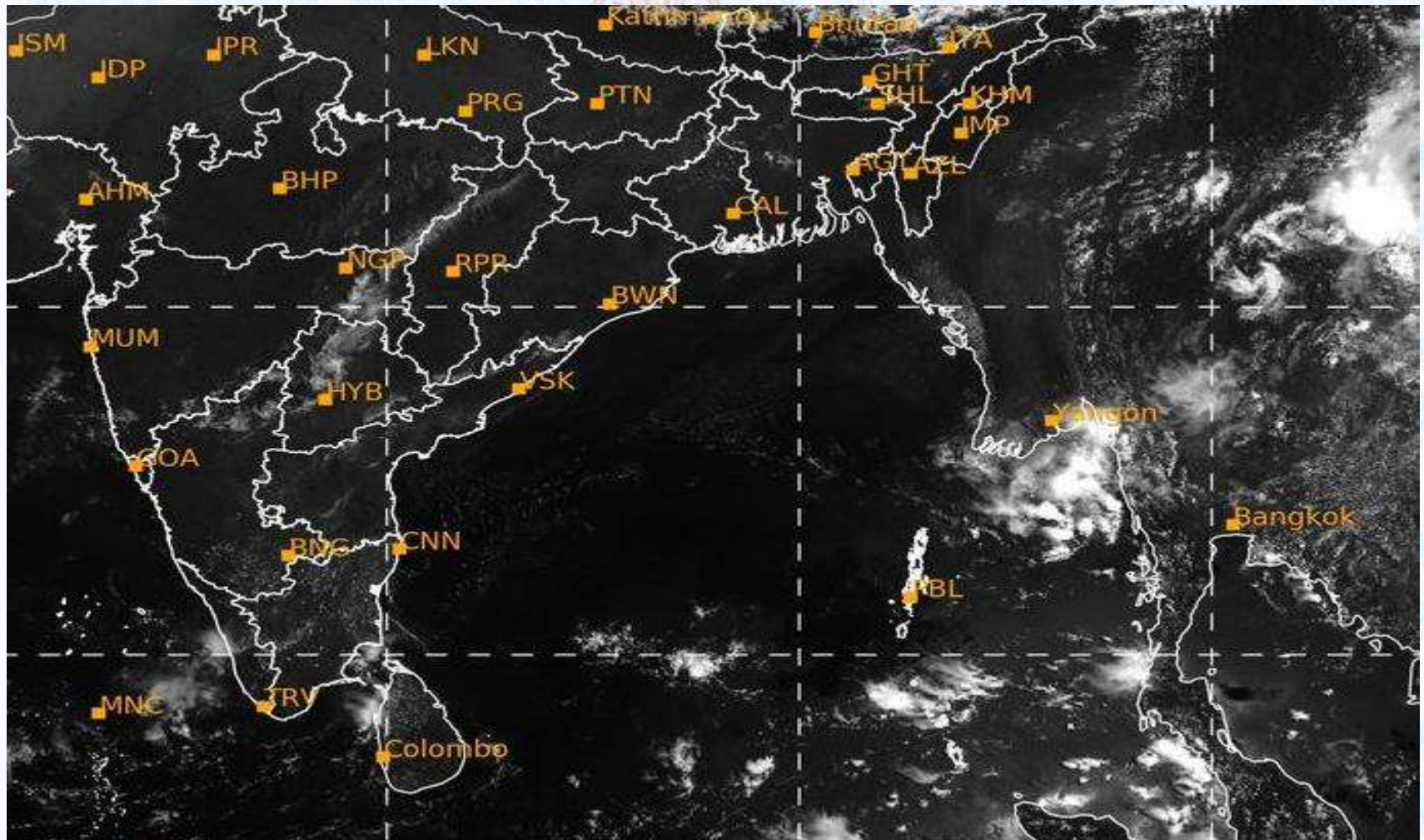
28/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



28/04/2021, 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 28.04.2021)

<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	SOUTH/SOUTH-WESTERLY 10-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 28,0000 UTC. CHATTOGRAM =1010 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 28.04.2020)

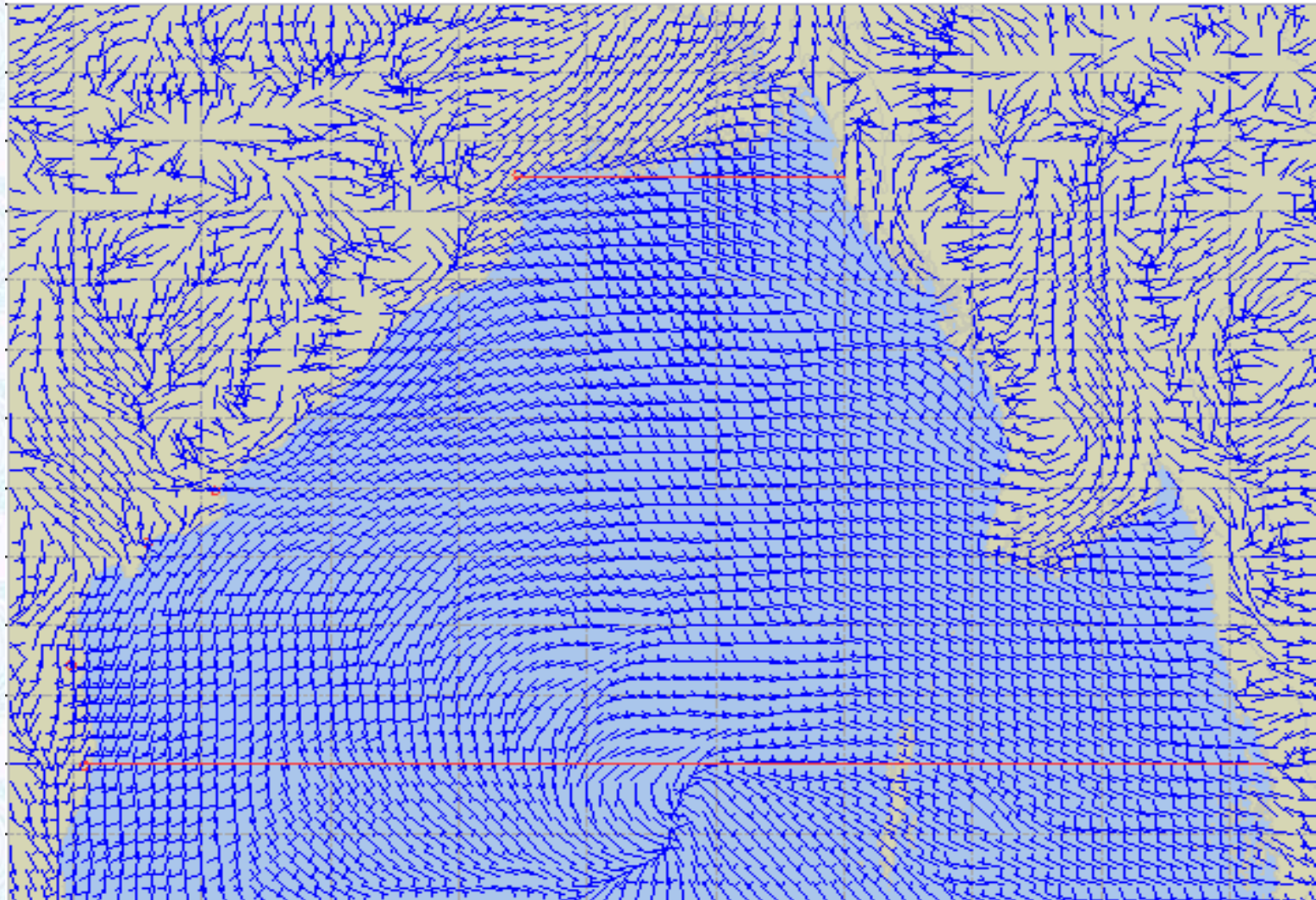
RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY W/NW'LY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH, SYLHET AND CUMILLA WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.



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



# Surface Wind Forecast- 29 Apr - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



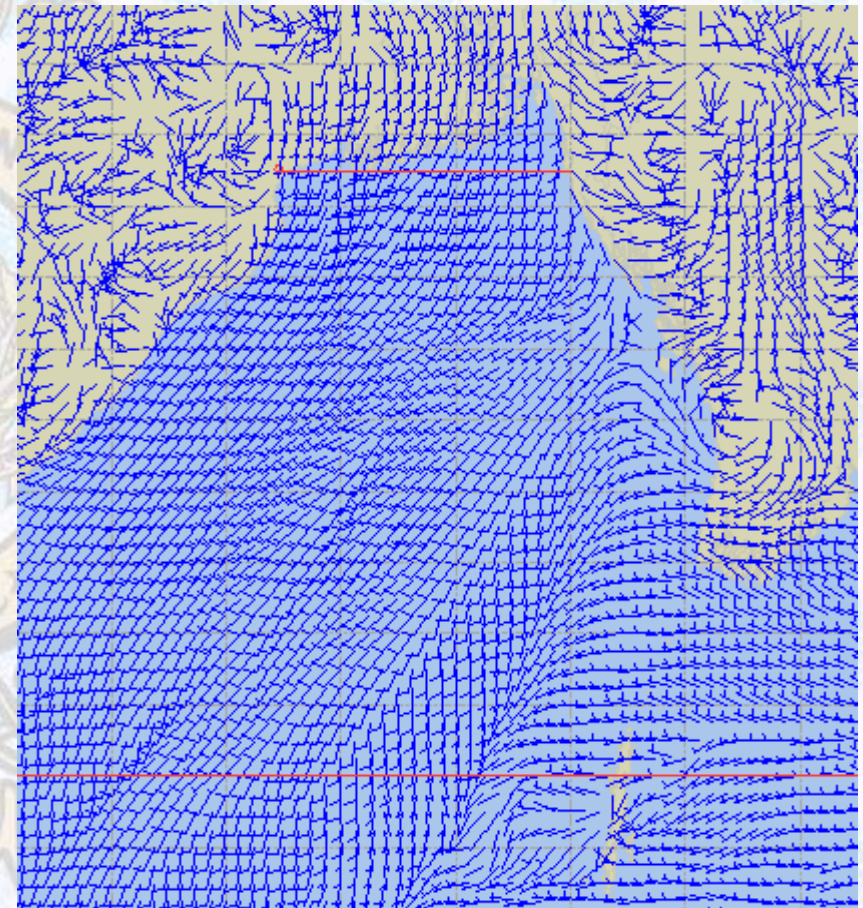
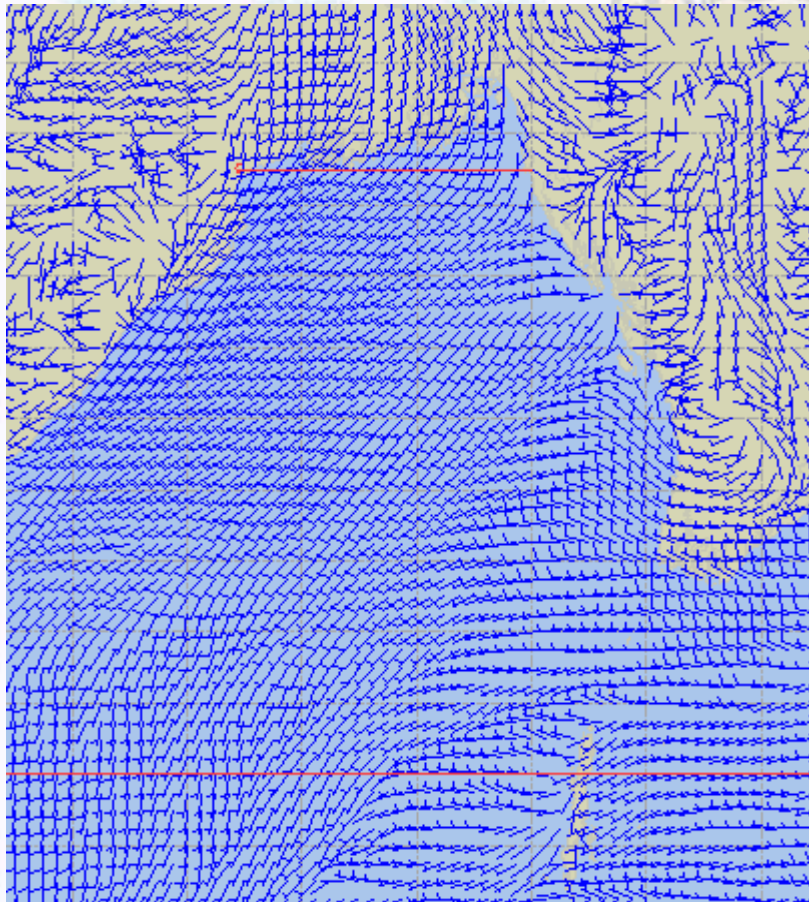
**60 Knots**



# Surface Wind Forecast – 30 Apr & 01 May - 2021

30 Apr 21 Friday

01 May 21 Saturday



**Legend:**



Calm  
Winds



5 Knots



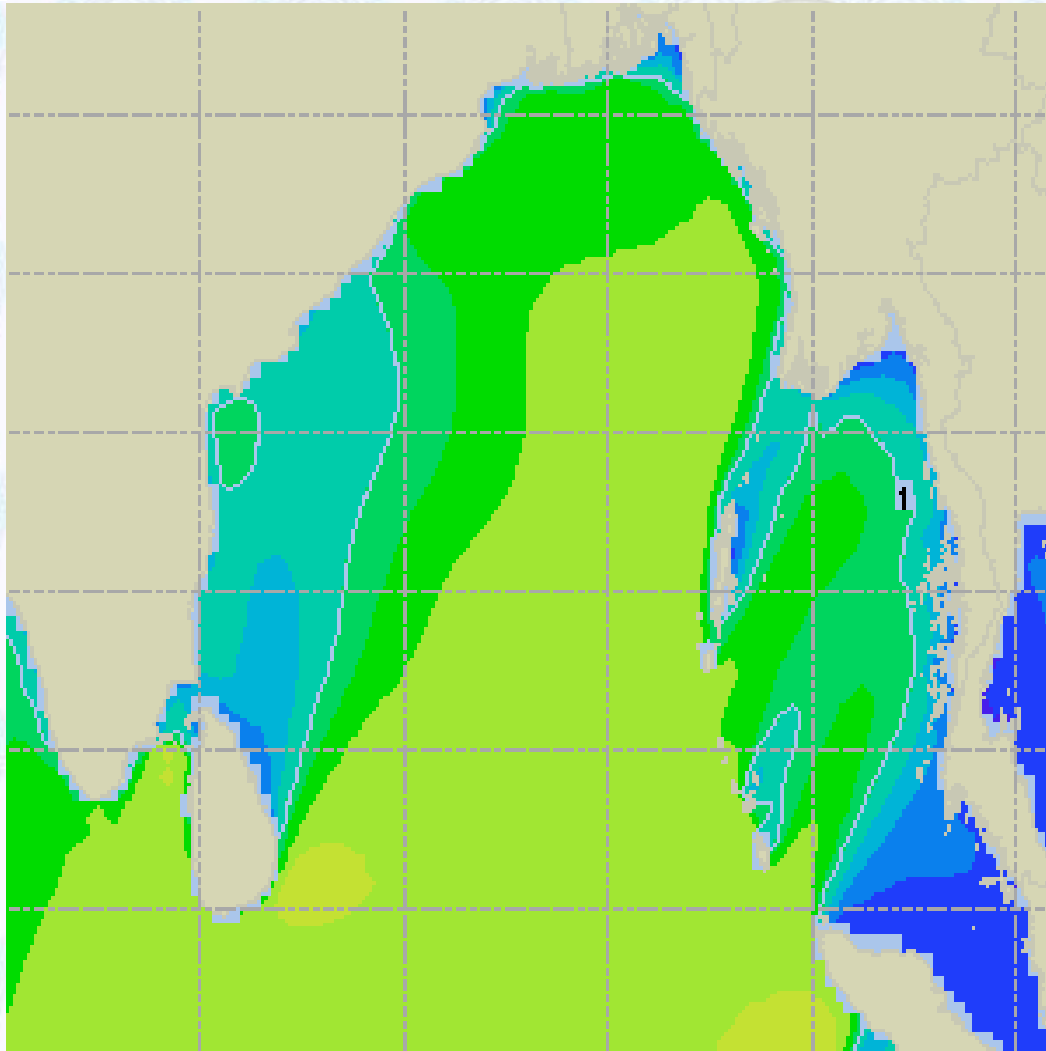
10 Knots



60 Knots



# Sea State Forecast – 29 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

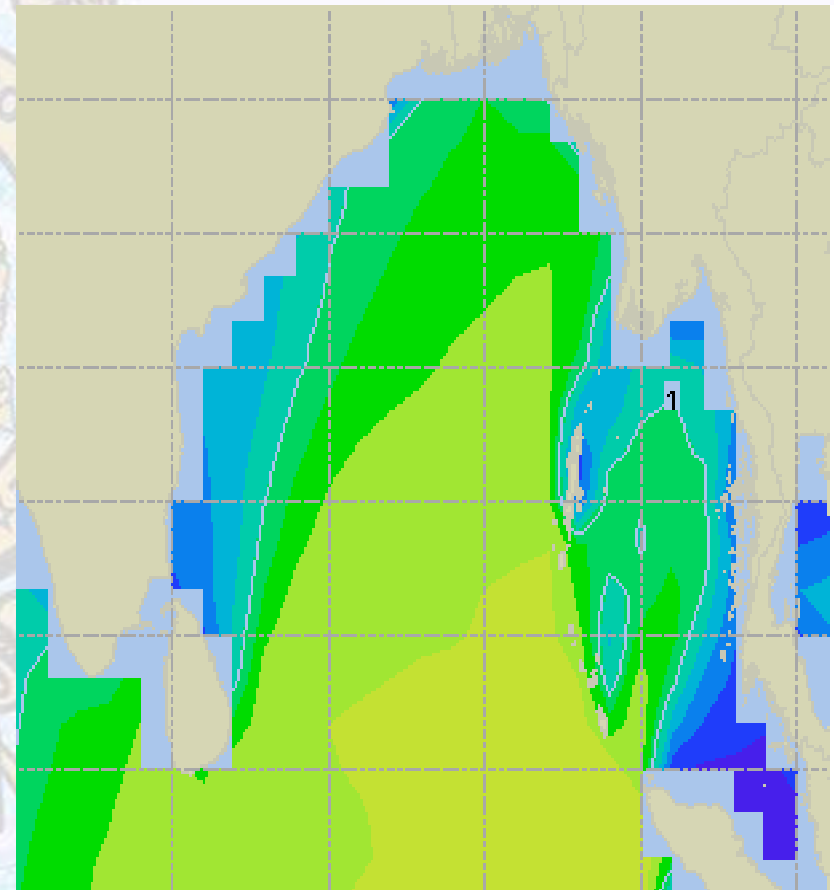
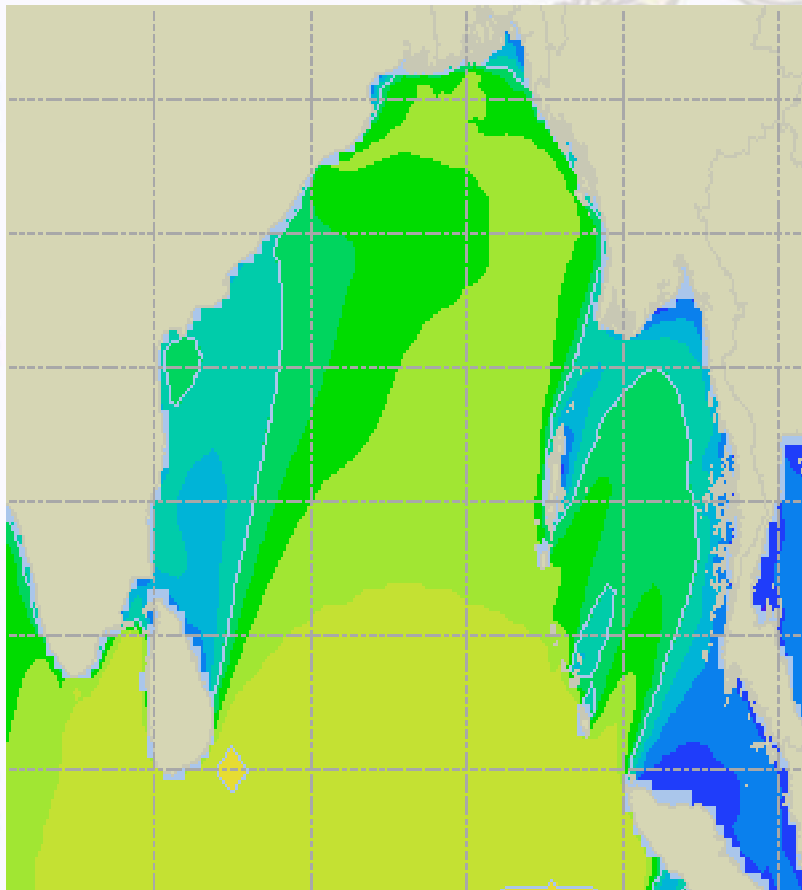




# Sea State Forecast – 30 Apr & 01 May - 2021

30 Apr 21 Friday

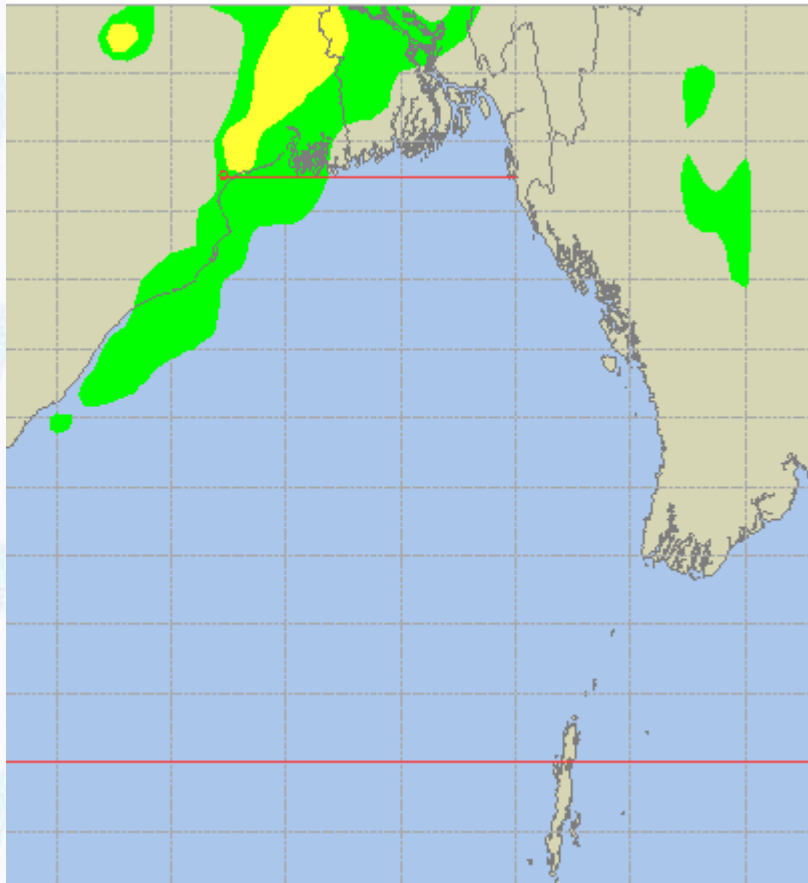
01 May 21 Saturday



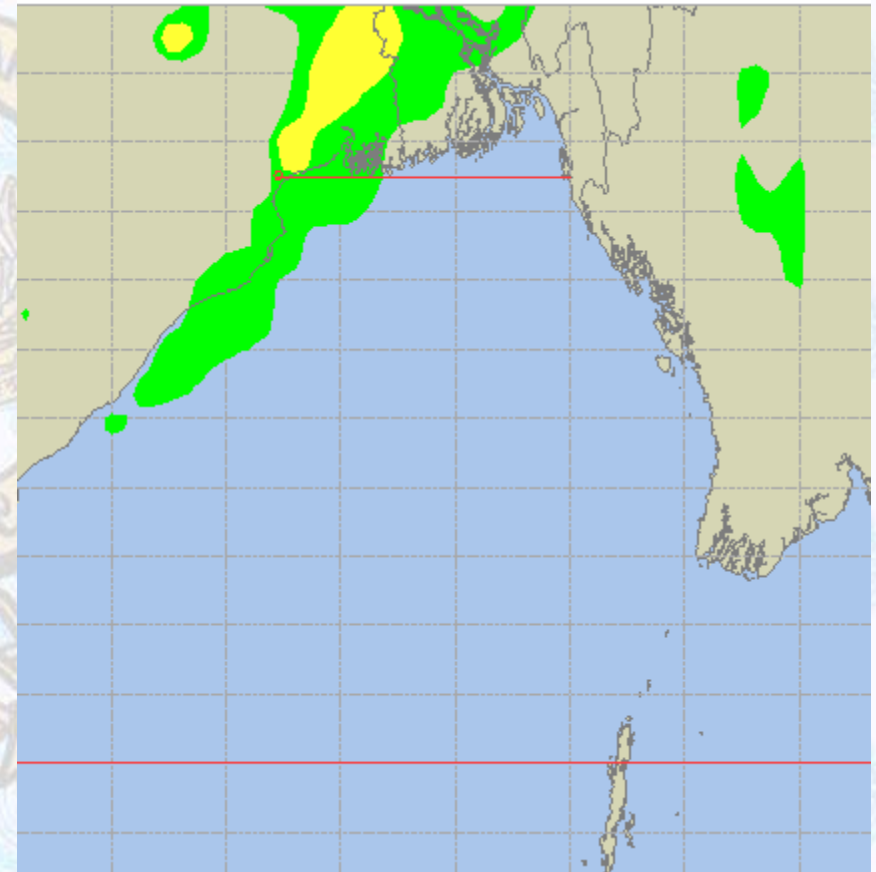


# Peak Gusting Possibilities– 29 & 30 Apr 2021

**29 Apr 21 Thursday**



**30 Apr 21 Friday**

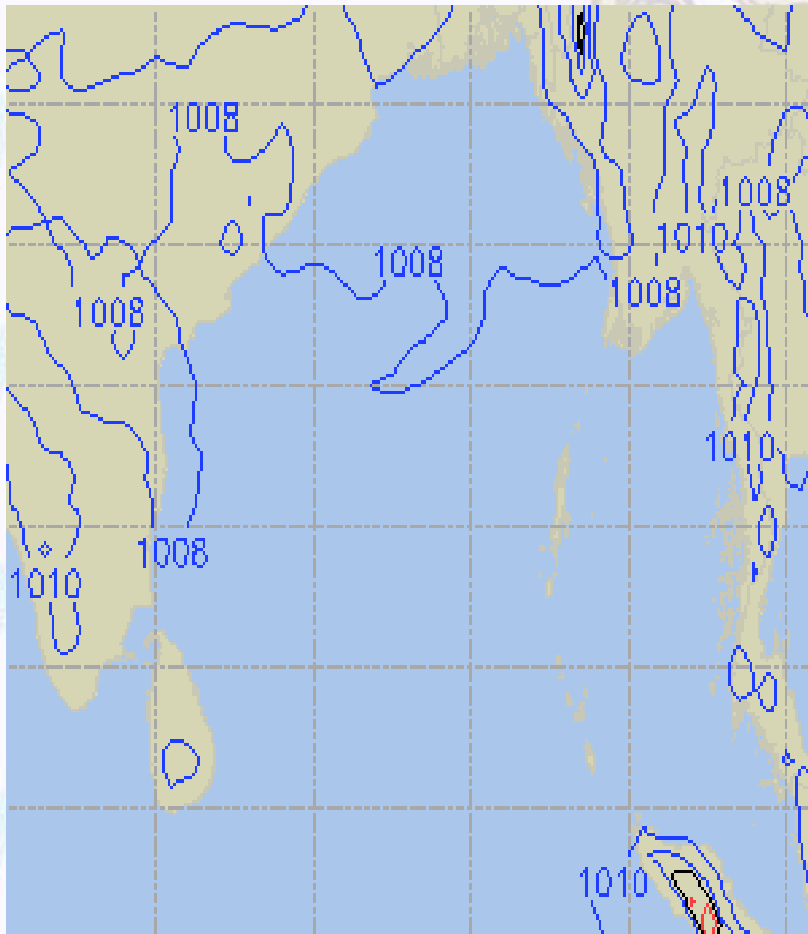




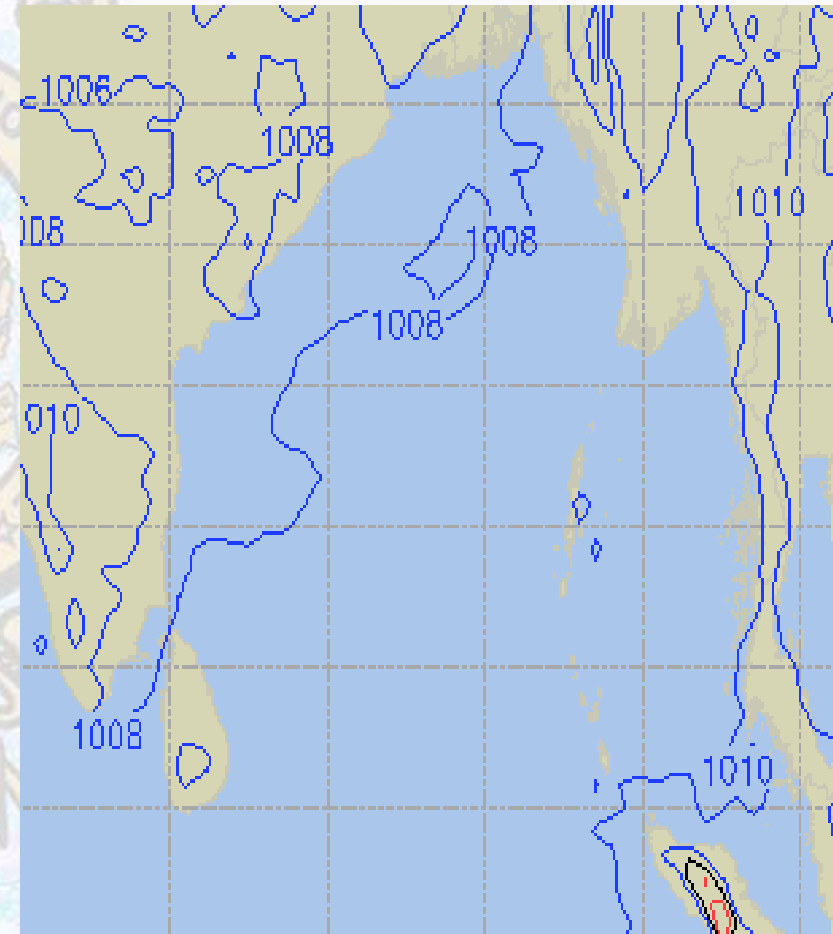


# Surface Pressure forecast – 29 & 30 Apr 2021

**29 Apr 21 Thursday**



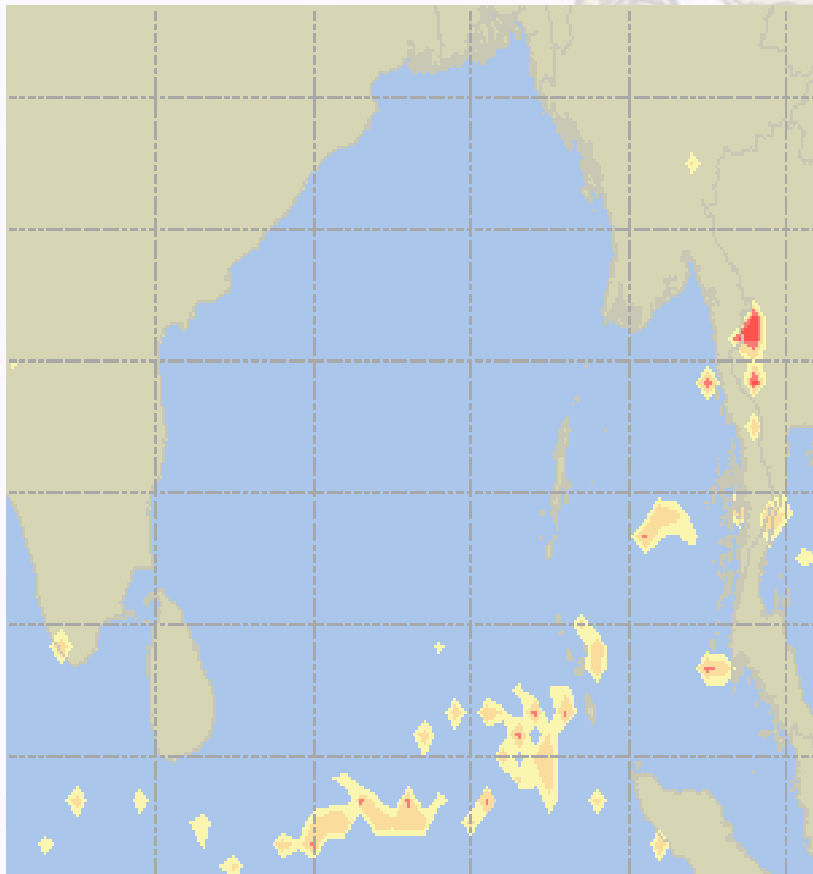
**30 Apr 21 Friday**



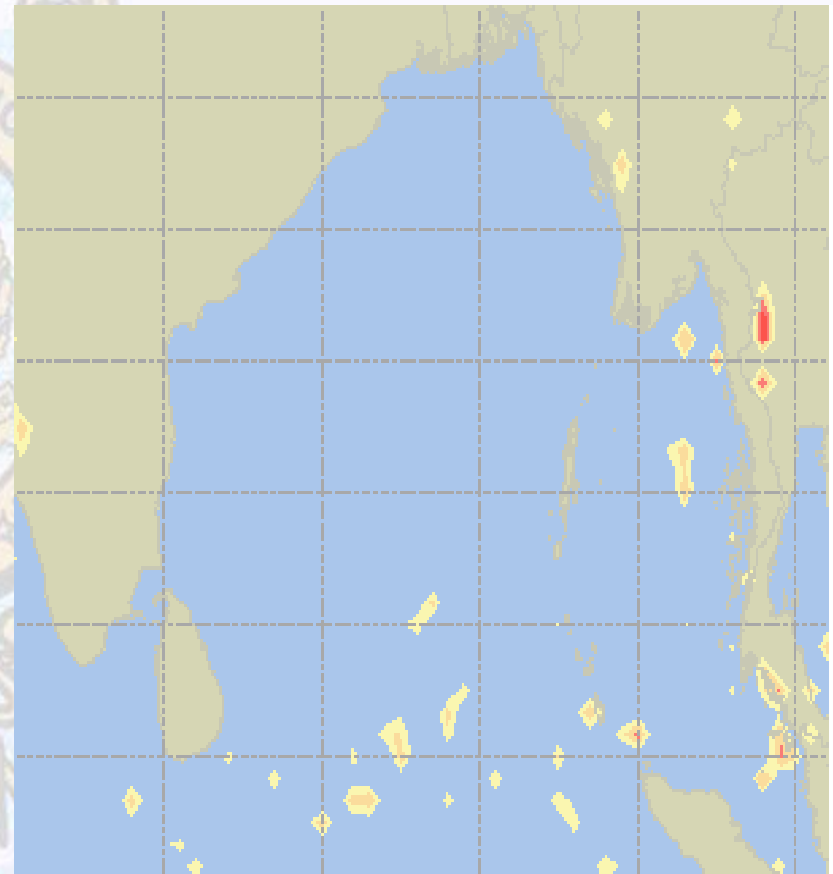


# Visibility at Sea Forecast – 29 & 30 Apr 2021

**29 Apr 21 Thursday**



**30 Apr 21 Friday**



**Visibility Scale:**



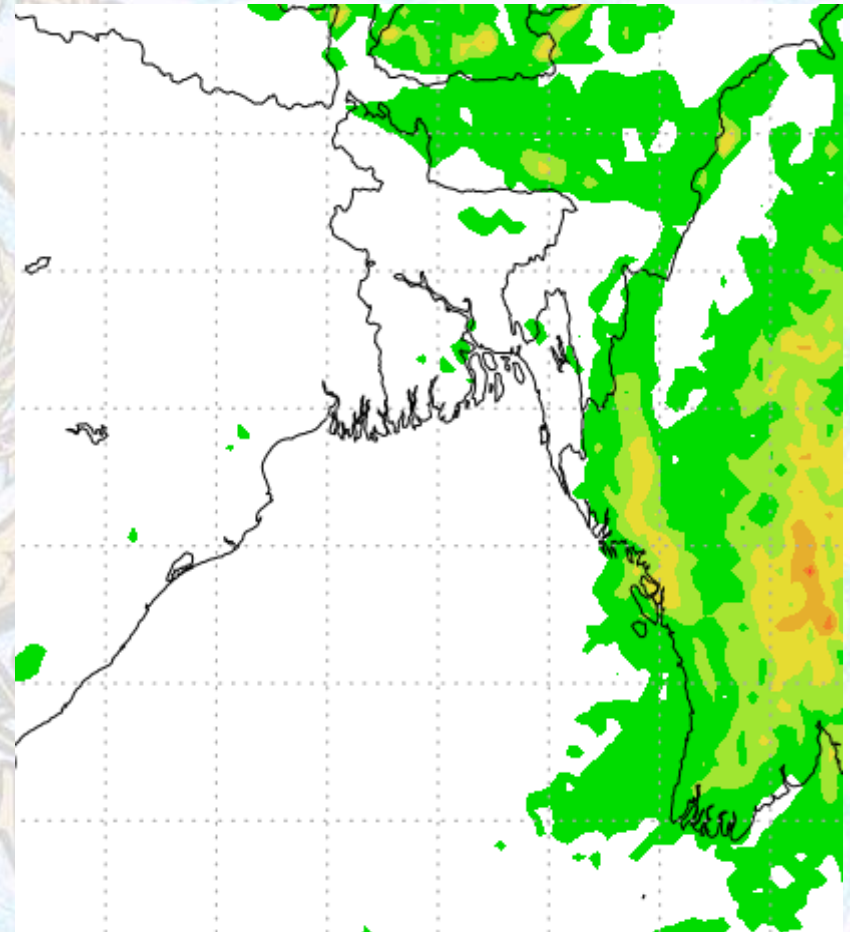
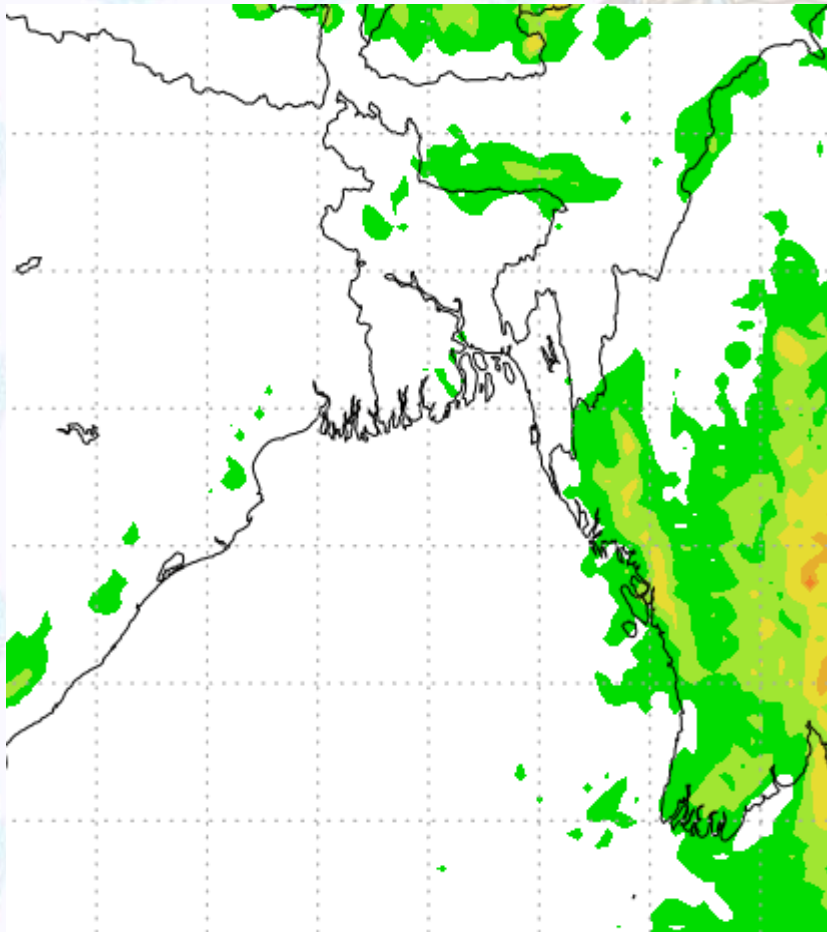
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 29 & 30 Apr 21

Rain(mm) 30 Apr & 01 May 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>29 Apr 2021</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		-	-		-	-
<b>30 Apr 2021</b>	Time	Height		Time	Height		Time	Height
	0244	4.61		0021	3.36		0019	2.90
	0915	0.43		0654	0.28		0636	0.42
	1507	4.88		1249	3.62		1244	3.16
	2149	0.60		1924	0.49		1913	0.67
<b>01 May 2021</b>	Time	Height		Time	Height		Time	Height
	0334	4.39		0106	3.12		0103	2.74
	0958	0.64		0735	0.47		0716	0.63
	1559	4.66		1335	3.38		1330	3.00
	2241	0.80		2009	0.68		2001	0.87