



# **WEATHER FORECAST FOR BN**

***16 - 19 MAY 2021***



# WEATHER FORECAST – DHAKA

## 16.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34°C / 25°C	34°C / 25°C	32°C / 26°C	30°C / 25°C
Wind	13 km/h S	13 km/h SSE	11 km/h SE	11 m/h SSW
Humidity	59%	59%	70%	74%
Chance of Precip	24%	14%	16%	14%
Cloud Cover	40%	42%	37%	30%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0517 / 1835			

### Conditions

Pressure : 1008 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 16.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 28°C	32°C / 25°C	30°C / 27°C	29°C / 27°C
Wind	12 km/h WSW	13 km/h WSW	10 km/h W	8 km/h W
Humidity	69%	70%	87%	88%
Chance of Precip.	1%	1%	6%	7%
Cloud Cover	13%	12%	9%	11%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0513 / 1826			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 16.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	36°C / 20°C	35°C / 25°C	32°C / 26°C	29°C / 26°C
Wind	12 km/h SW	13 km/h SSW	12 km/h SSW	13 m/h SSW
Humidity	53%	54%	72%	80%
Chance of Precip.	13%	50%	7%	5%
Cloud Cover	20%	50%	30%	10%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise/ Sunset	0522 / 1836			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	17 May 2021	18 May 2021	19 May 2021
<b>Temperature (C)</b>	37°C / 29°C	37°C / 29°C	36°C / 29°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h14m36s/18h35m21s	5h14m36s/18h35m54s	5h17m05s/18h35m54s
<b>Day Length</b>	13h20m23s	13h21m06s	13h25m06s
<b>Moon Rise/ Set</b>	9:23AM 11:23PM	10:19AM/ -	11:18AM/ 12:07AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 31%	Waxing Crescent, 31%	First Quarter, 41%
<b>Nautical Twilight</b>	04:25, 19:24	04:24, 19:24	04:23, 19:25
<b>Civil Twilight</b>	04:53, 18:59	04:52, 18:59	04:52, 19:01
<b>Humidity</b>	D : 62% N : 73%	D : 62% N : 74%	D : 65% N : 76%
<b>Barometer (mb)</b>	1006	1005	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	13%	22%	38%
<b>Wind (km/hr)</b>	14 Km/h, SSW	16 Km/h, SSW	17 Km/h, SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 May 2021	18 May 2021	19 May 2021
<b>Temperature (C)</b>	34°C/ 28°C	33°C/ 28°C	33°C/ 28°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h12m02s/ 18h26m54s	5h11m46s/ 18h27m09s	5h13m46s/ 18h26m09s
<b>Day Length</b>	13h14m46s	13h15m08s	13h17m08s
<b>Moon Rise/ Set</b>	9:21AM/ 11:14PM	10:17AM/ 11:59PM	11:14AM/ -
<b>Moon Phase/ illu</b>	Waxing Crescent, 31%	Waxing Crescent, 41%	First Quarter, 42%
<b>NauticalTwilight</b>	04:22, 19:20	04:22, 19:20	04:22, 19:21
<b>Civil Twilight</b>	04:50, 18:47	04:49, 18:48	04:48, 18:48
<b>Humidity</b>	D : 76%    N : 88%	D : 76%    N : 88%	D : 76%    N : 88%
<b>Barometer (mb)</b>	1007	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	14%	34%
<b>Wind (km/hr)</b>	16 Km/h, WSW	18 Km/h, SW	19 Km/h, SW

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



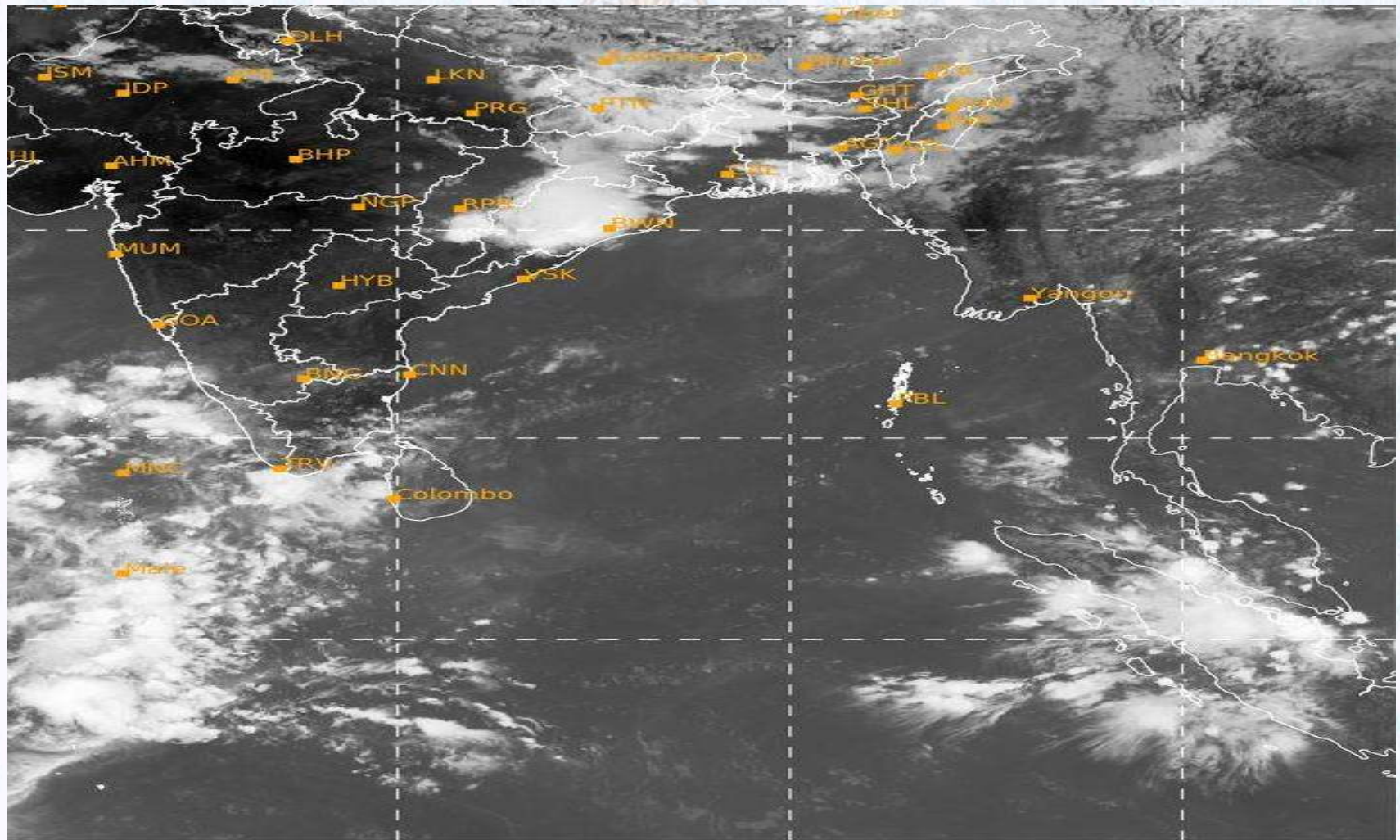
# GENERAL WEATHER FORECAST – KHULNA

Description	17 May 2021	18 May 2021	19 May 2021
<b>Temperature(C)</b>	36°C / 29°C	36°C / 29°C	35°C / 29°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h20m02s/ 18h36m56s	5h19m25s/ 18h37m15s	5h22m25s/ 18h36m15s
<b>Day Length</b>	13h 16m 06s	13h 17m 06s	13h 16m 25s
<b>Moon Rise/Set</b>	9:29AM/ 11:24PM	10:25AM/ -	11:23AM 12:09AM
<b>Moon Phase/illu</b>	Waxing Crescent, 31%	Waxing Crescent, 31%	First Quarter, 41%
<b>Nautical Twilight</b>	04:31, 19:28	04:31, 19:29	04:30, 19:29
<b>Civil Twilight</b>	04:57, 18:59	04:56, 18:59	04:56, 19:02
<b>Humidity</b>	D : 68% N : 83%	D : 69% N : 83%	D : 71% N : 82%
<b>Barometer (mb)</b>	1006	1005	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	6%	5%	5%
<b>Wind (km/hr)</b>	17 Km/h, SW	19 Km/h, SSW	22 Km/h, SW

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



# SATELLITE VIEW OF BAY OF BENGAL



16/05/2021, 11:00 UTC MATSAT-IR

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







# Fleet Forecast Sea Area C-90 ( Valid for 12 Hrs Commencing 1000 UTC of 16.05.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	WEST/ SOUTH WESTERLY, 08-12 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =1009 HPA



## Inland River Port Warning (VALID TILL 06 PM OF 16.05.2020)

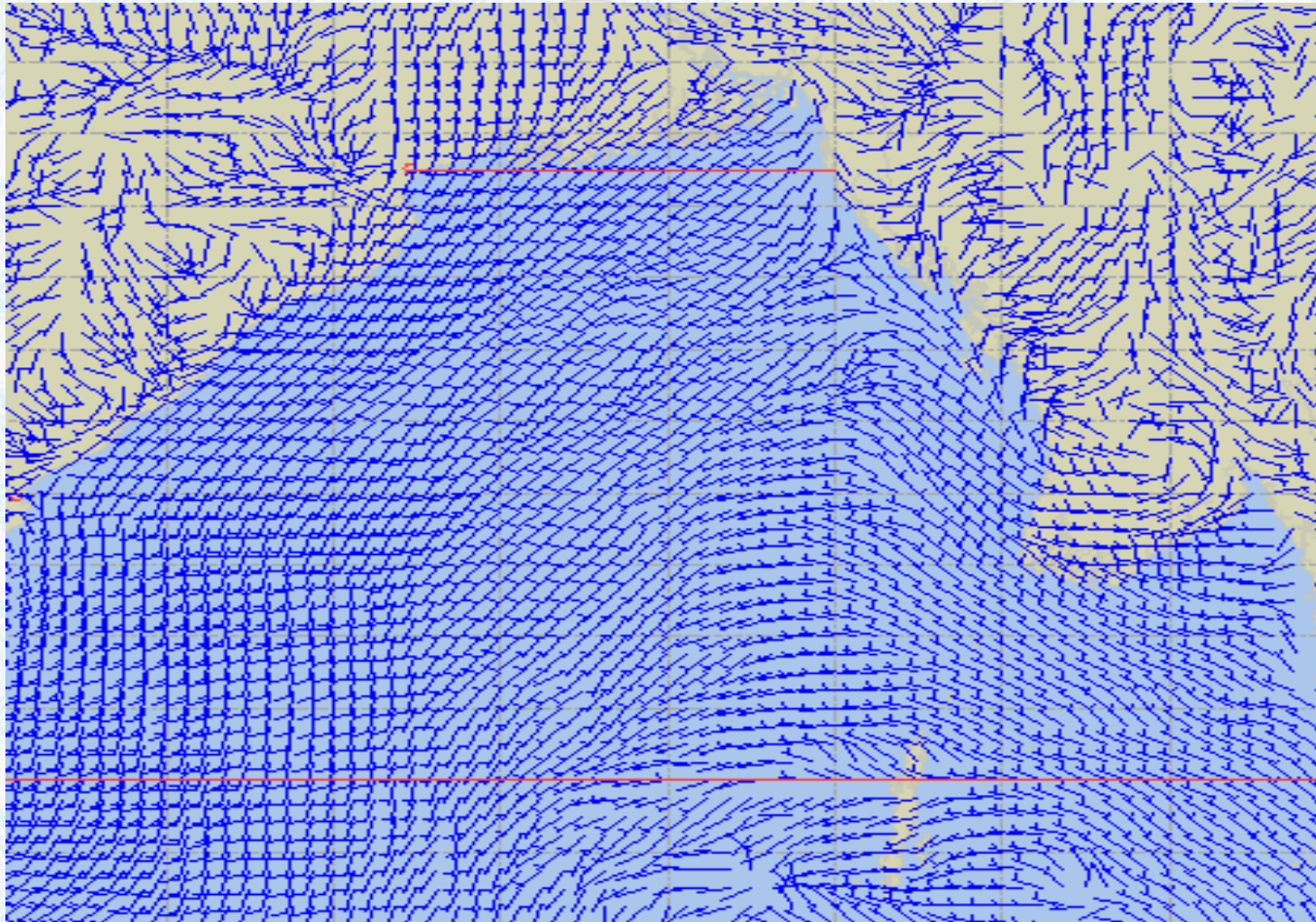
RAIN/THUNDER SHOWERS ACCOMPANIED TEMPORARY W/NW'LY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, SYLHET, CUMILLA AND NOAKHALI WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO.

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY W/NW'LY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 17 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



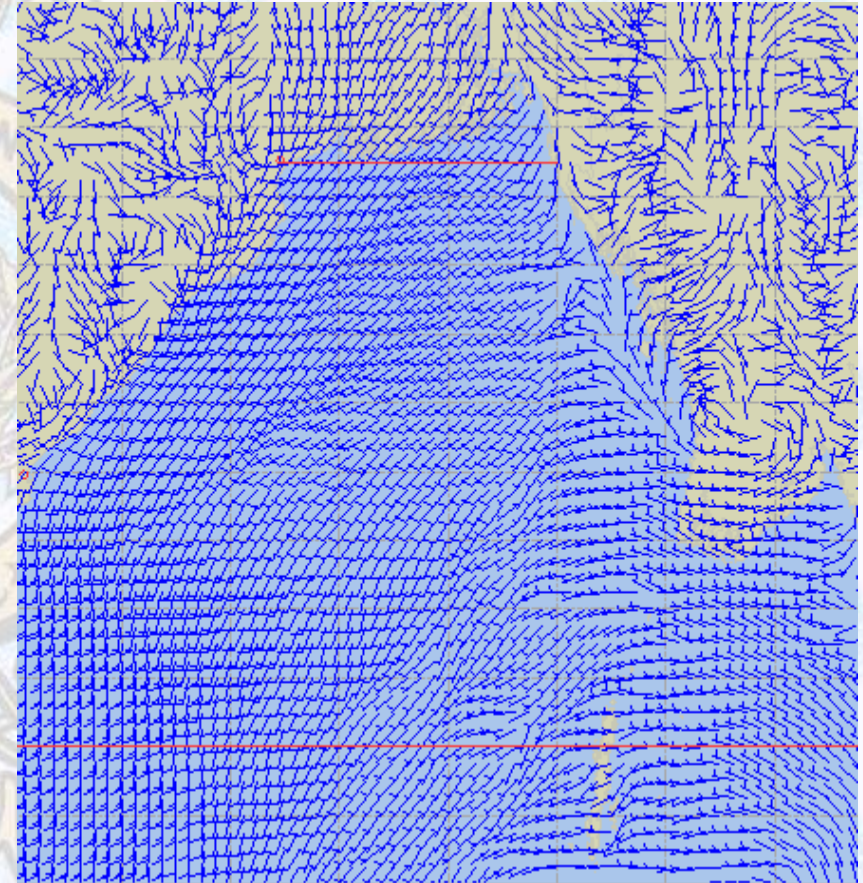
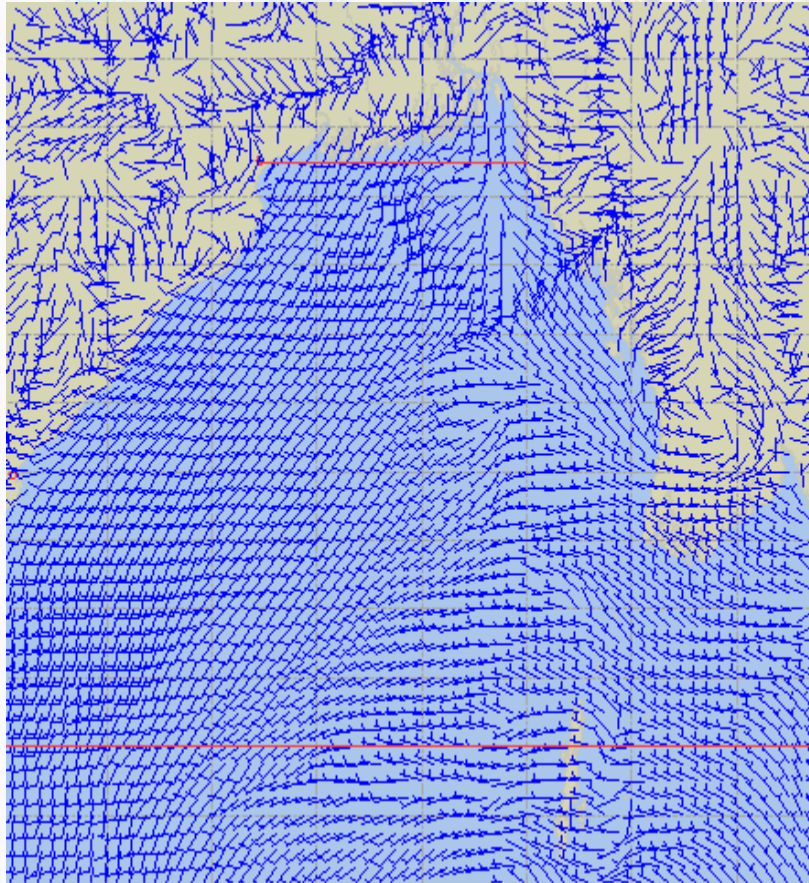
**60 Knots**



# Surface Wind Forecast – 18 & 19 May - 2021

18 May 21 Tuesday

19 May 21 Wednesday



## Legend:



Calm  
Winds



5 Knots



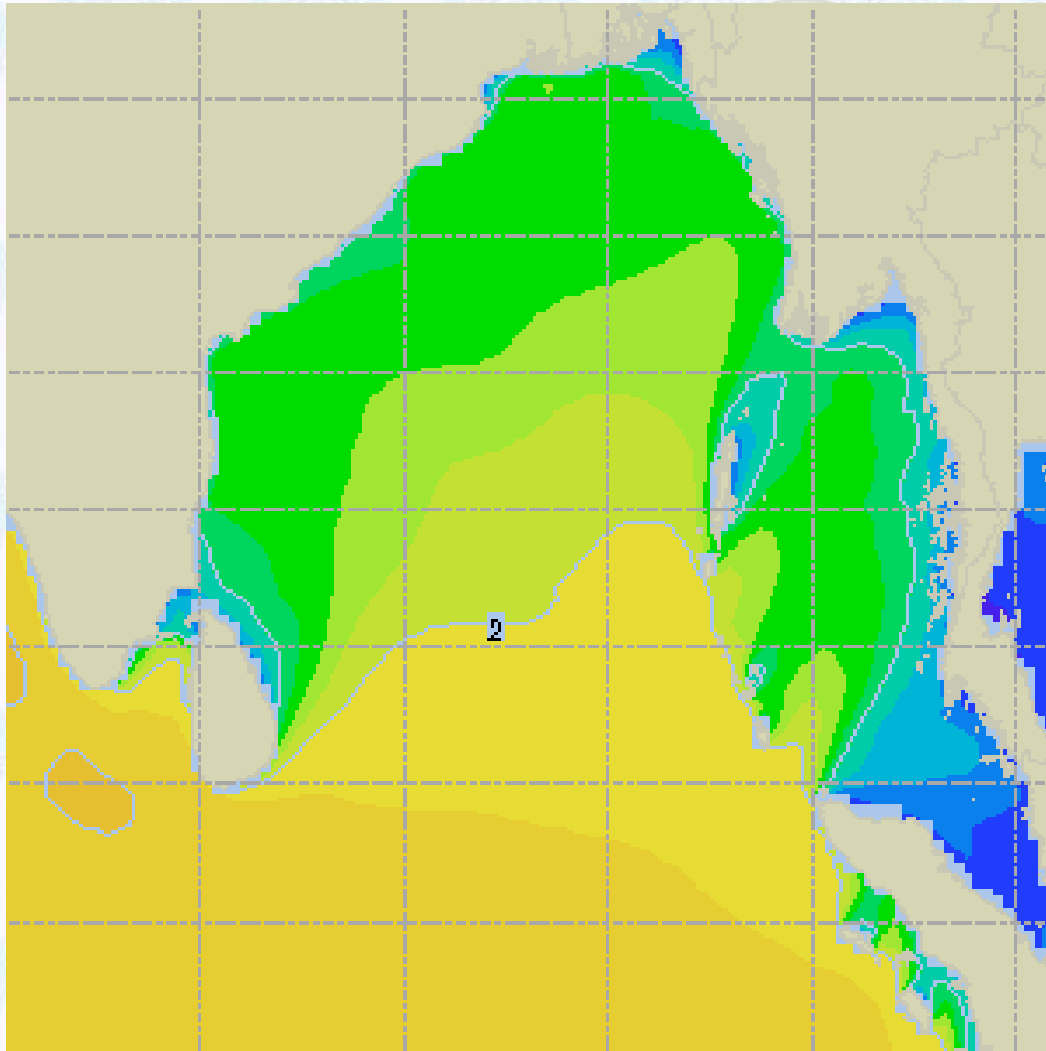
10 Knots



60 Knots



# Sea State Forecast – 17 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

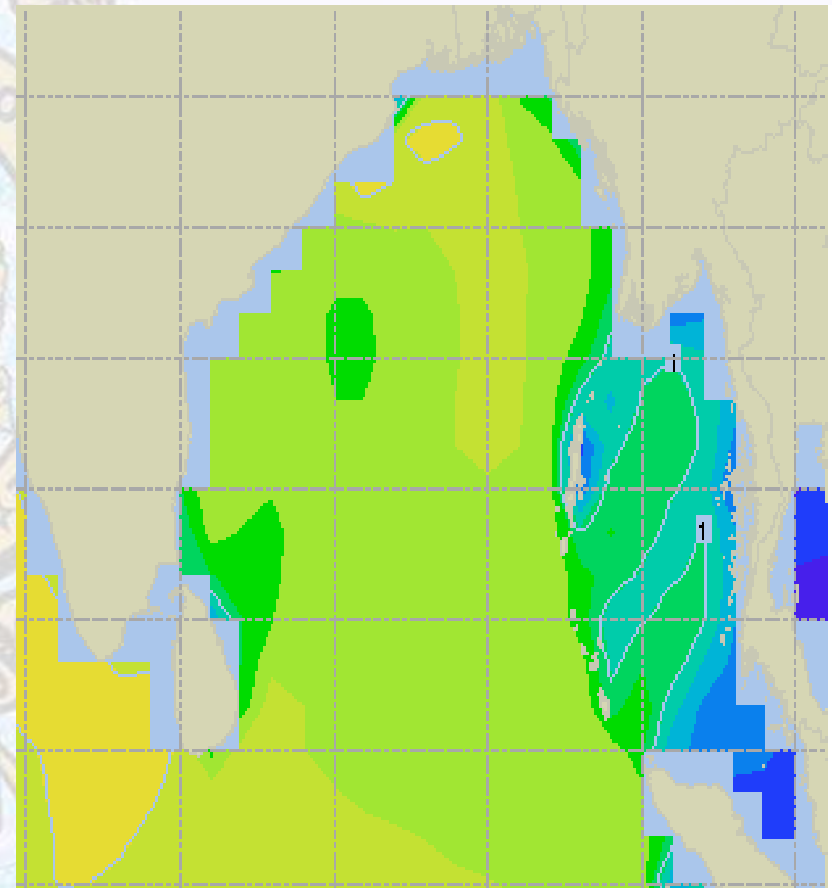
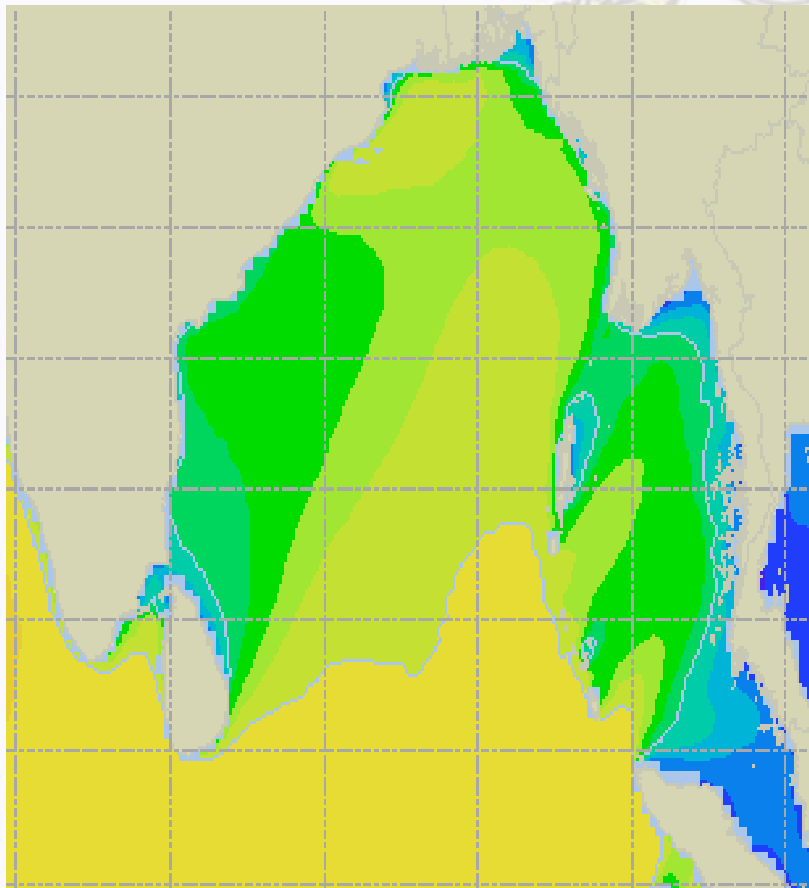




# Sea State Forecast – 18 & 19 May - 2021

18 May 21 Tuesday

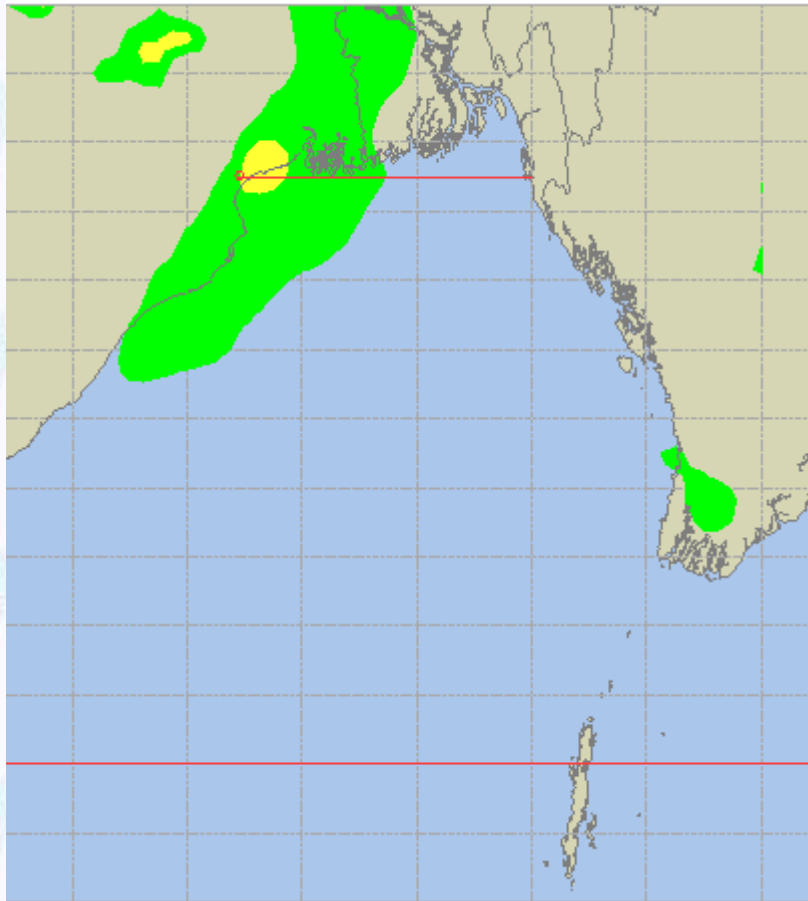
19 May 21 Wednesday



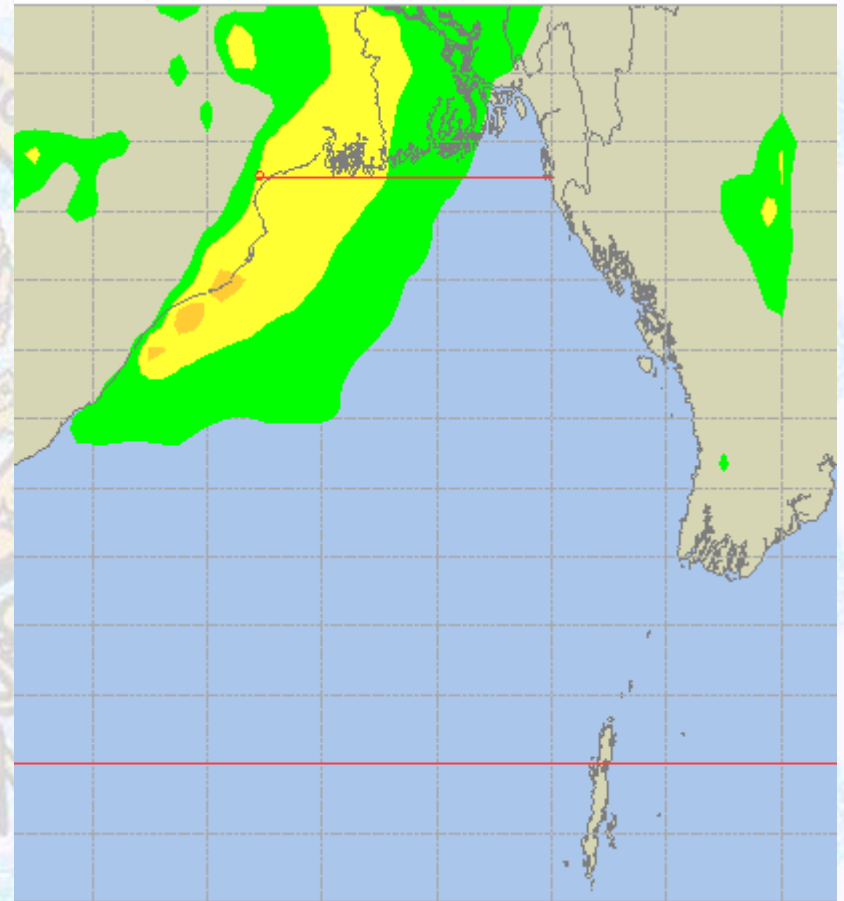


# Peak Gusting Possibilities— 17 & 18 May 2021

17 May 21 Monday



18 May 21 Tuesday

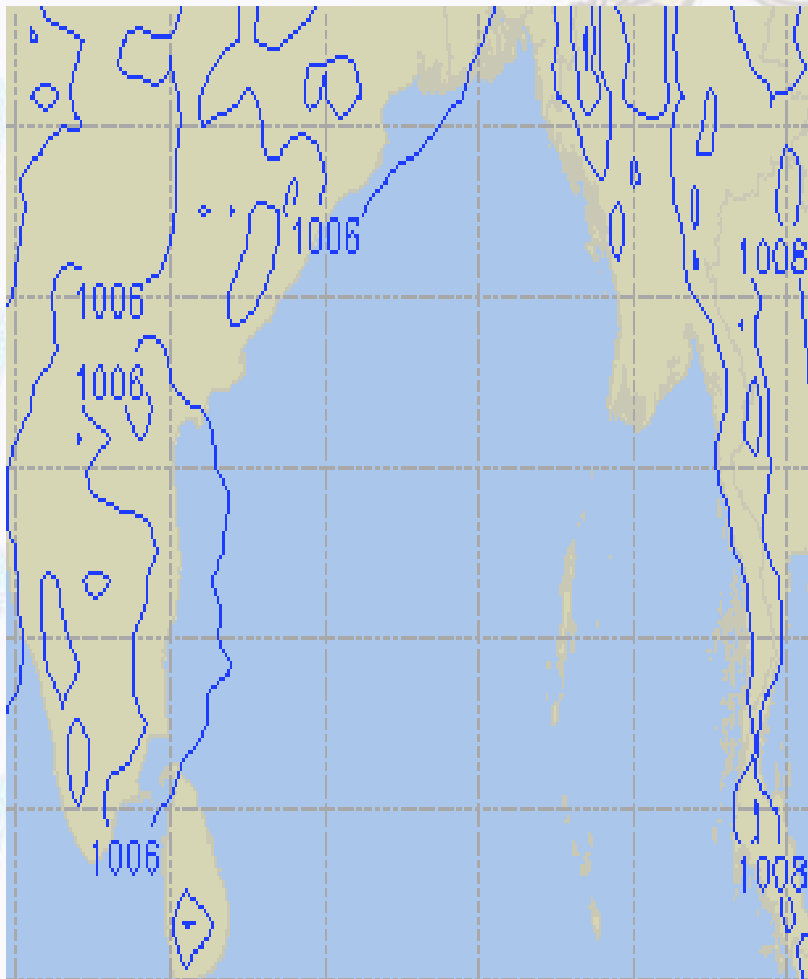




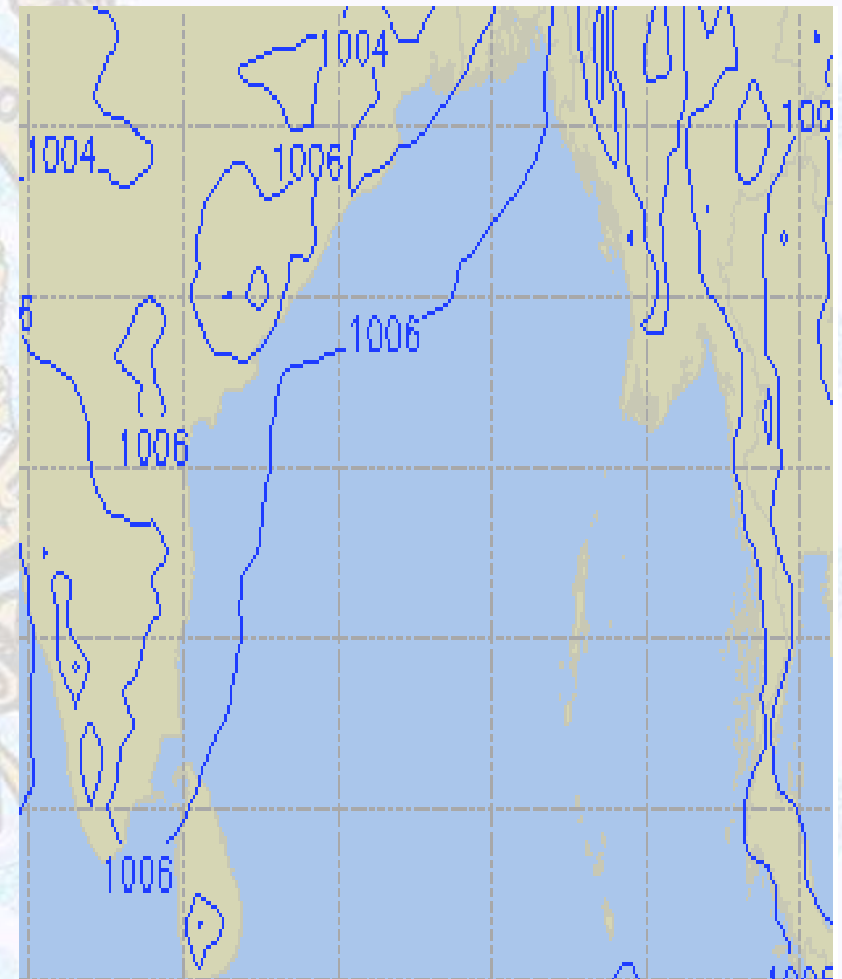


# Surface Pressure forecast – 17 & 18 May 2021

**17 May 21 Monday**



**18 May 21 Tuesday**

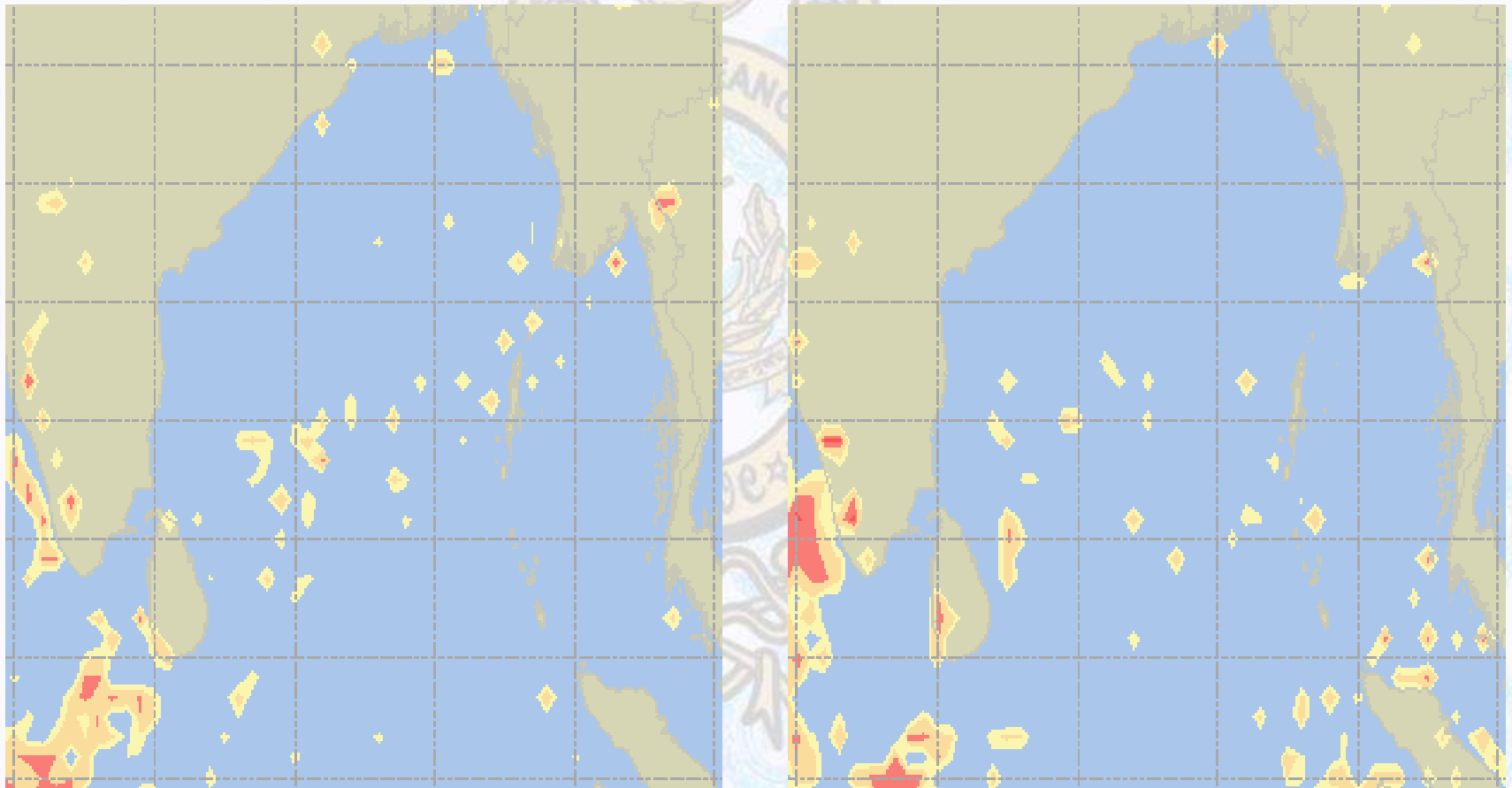




# Visibility at Sea Forecast – 17 & 18 May 2021

17 May 21 Monday

18 May 21 Tuesday



**Visibility Scale:**



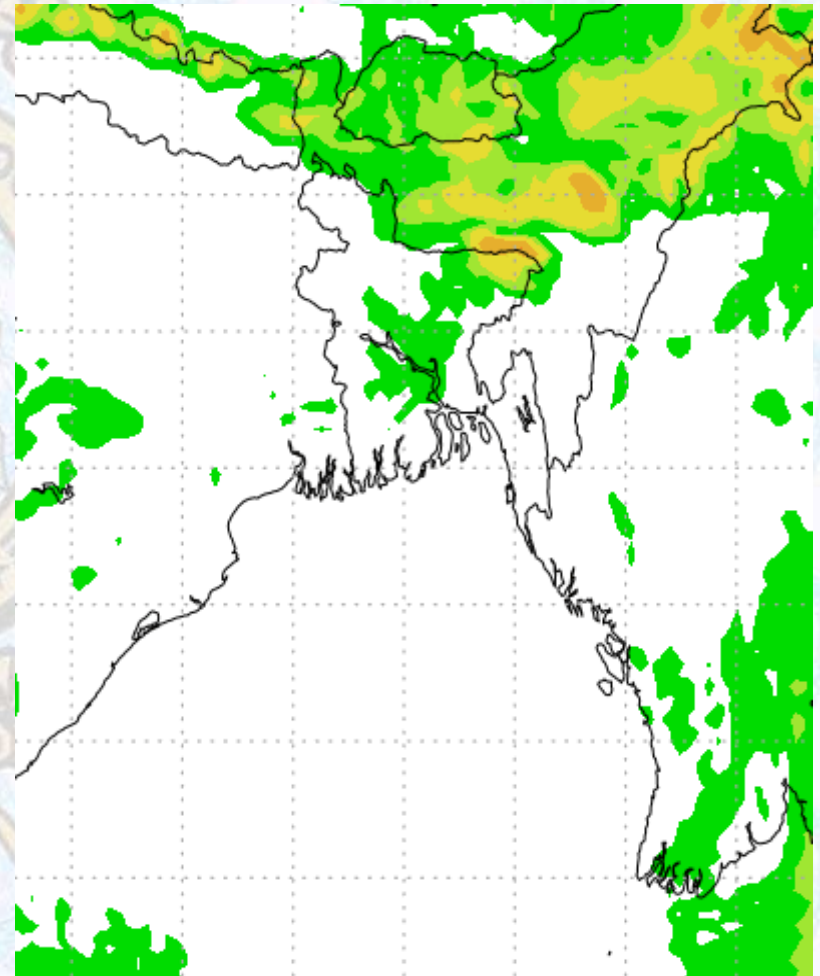
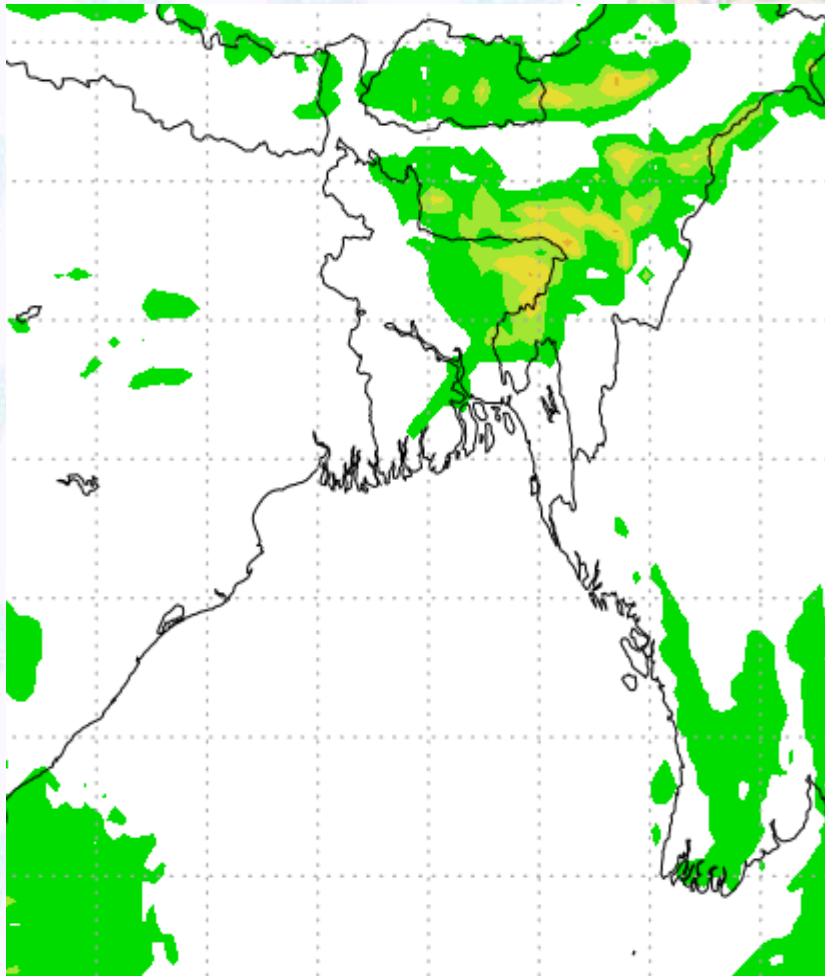
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 17 & 18 May 2021

Rain(mm) 18 & 19 May 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0348		4.14			0129	2.74
17 May 2021	1000	1.00		0742	0.89		0719	0.99
	1604	4.45		1358	3.04		1337	2.89
	2241	1.14		2020	1.00		2008	1.18
18 May 2021	Time	Height		Time	Height		Time	Height
	0439	3.97		0213	2.60		0200	2.53
	1048	1.23		0823	1.05		0802	1.14
	1700	4.29		1445	2.90		1425	2.81
	2339	1.28		2109	1.14		2102	1.26
19 May 2021	Time	Height		Time	Height		Time	Height
	0543	3.85		0310	2.49		0039	2.68
	1152	1.16		0919	1.22		0643	0.86
	1810	4.17		1545	2.78		1257	2.96
	-	-		2215	1.25		1925	1.09