



# **WEATHER FORECAST FOR BN**

***17 - 20 MAY 2021***



# WEATHER FORECAST – DHAKA

## 17.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	35°C / 25°C	36°C / 25°C	33°C / 25°C	31°C / 25°C
Wind	14 km/h SW	14 km/h SSW	11 km/h SSE	10 m/h SSW
Humidity	56%	54%	65%	71%
Chance of Precip	72%	14%	24%	9%
Cloud Cover	75%	46%	38%	36%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0516 / 1835			

### Conditions

Pressure : 1008 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 17.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32°C / 25°C	32°C / 25°C	30°C / 28°C	29°C / 27°C
Wind	14 km/h WSW	15 km/h WSW	10 km/h WSW	7 km/h WSW
Humidity	67%	69%	87%	88%
Chance of Precip.	1%	1%	6%	7%
Cloud Cover	8%	8%	28%	14%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise / Sunset	0513 / 1827			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



# WEATHER FORECAST – KHULNA

## 17.05.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	37°C / 25°C	36°C / 25°C	33°C / 26°C	30°C / 26°C
Wind	13 km/h SW	13 km/h SSW	14 km/h SSW	14 m/h SSW
Humidity	52%	53%	69%	77%
Chance of Precip.	7%	48%	5%	5%
Cloud Cover	36%	50%	30%	14%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise/ Sunset	0521 / 1837			

### Conditions

Pressure : 1008 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	18 May 2021	19 May 2021	20 May 2021
<b>Temperature (C)</b>	36°C / 29°C	36°C / 29°C	36°C / 29°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h14m36s/18h35m54s	5h17m05s/18h35m54s	5h16m26s/18h35m06s
<b>Day Length</b>	13h21m06s	13h25m06s	13h25m37s
<b>Moon Rise/ Set</b>	10:19AM -	11:18AM 12:07AM	12:16PM 12:49AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 31%	First Quarter, 41%	Waxing Gibbous, 52%
<b>Nautical Twilight</b>	04:24, 19:24	04:23, 19:25	04:22, 19:25
<b>Civil Twilight</b>	04:52, 18:59	04:52, 19:01	04:51, 19:02
<b>Humidity</b>	D : 65% N : 75%	D : 66% N : 77%	D : 67% N : 77%
<b>Barometer (mb)</b>	1005	1004	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	24%	41%	51%
<b>Wind (km/hr)</b>	16 Km/h, SSW	18 Km/h, SW	19 Km/h, SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 May 2021	19 May 2021	20 May 2021
<b>Temperature (C)</b>	33°C/ 28°C	32°C/ 28°C	33°C/ 28°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h11m46s/ 18h27m09s	5h13m46s/ 18h26m09s	5h13m46s/ 18h27m28s
<b>Day Length</b>	13h15m08s	13h17m08s	13h18m08s
<b>Moon Rise/ Set</b>	10:17AM/ 11:59PM	11:14AM/ -	12:12PM 12:41AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 41%	First Quarter, 42%	Waxing Gibbous, 52%
<b>NauticalTwilight</b>	04:22, 19:20	04:22, 19:21	04:21, 19:21
<b>Civil Twilight</b>	04:49, 18:48	04:48, 18:48	04:48, 18:49
<b>Humidity</b>	D : 74% N : 86%	D : 77% N : 88%	D : 76% N : 88%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	16%	40%	32%
<b>Wind (km/hr)</b>	18 Km/h, SW	21 Km/h, SW	20 Km/h, SW

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



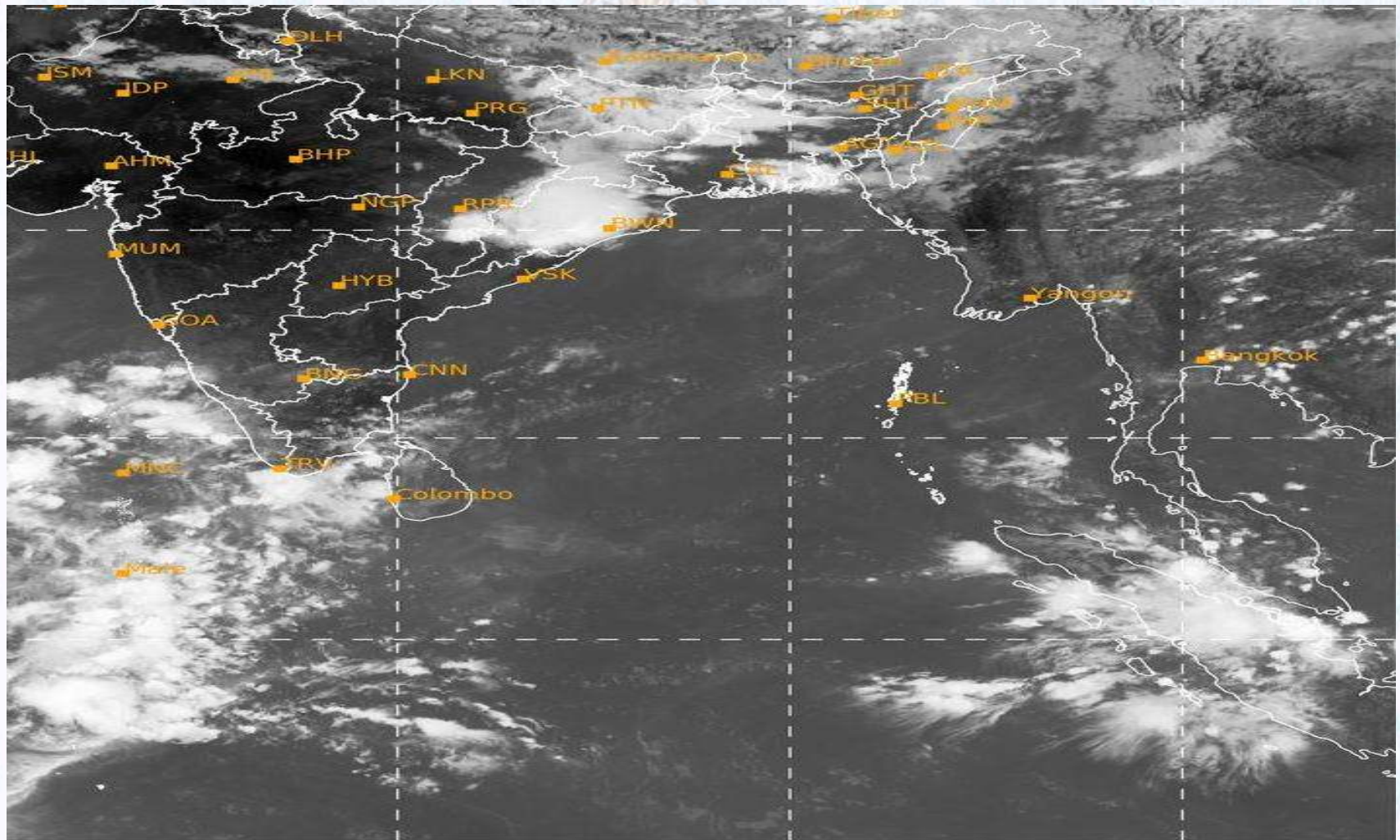
# GENERAL WEATHER FORECAST – KHULNA

Description	18 May 2021	19 May 2021	20 May 2021
<b>Temperature(C)</b>	35°C / 29°C	35°C / 29°C	35°C / 29°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h19m25s/ 18h37m15s	5h22m25s/ 18h36m15s	5h21m15s/ 18h37m35s
<b>Day Length</b>	13h 17m 06s	13h 16m 25s	13h 16m 54s
<b>Moon Rise/Set</b>	10:25AM/ -	11:23AM 12:09AM	12:21PM 12:51AM
<b>Moon Phase/illu</b>	Waxing Crescent, 31%	First Quarter, 41%	Waxing Gibbous, 52%
<b>Nautical Twilight</b>	04:31, 19:29	04:30, 19:29	04:30, 19:30
<b>Civil Twilight</b>	04:56, 18:59	04:56, 19:02	04:55, 19:02
<b>Humidity</b>	D : 71% N : 85%	D : 71% N : 83%	D : 71% N : 84%
<b>Barometer (mb)</b>	1005	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	15%	5%
<b>Wind (km/hr)</b>	17 Km/h, SSW	21 Km/h, SW	22 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



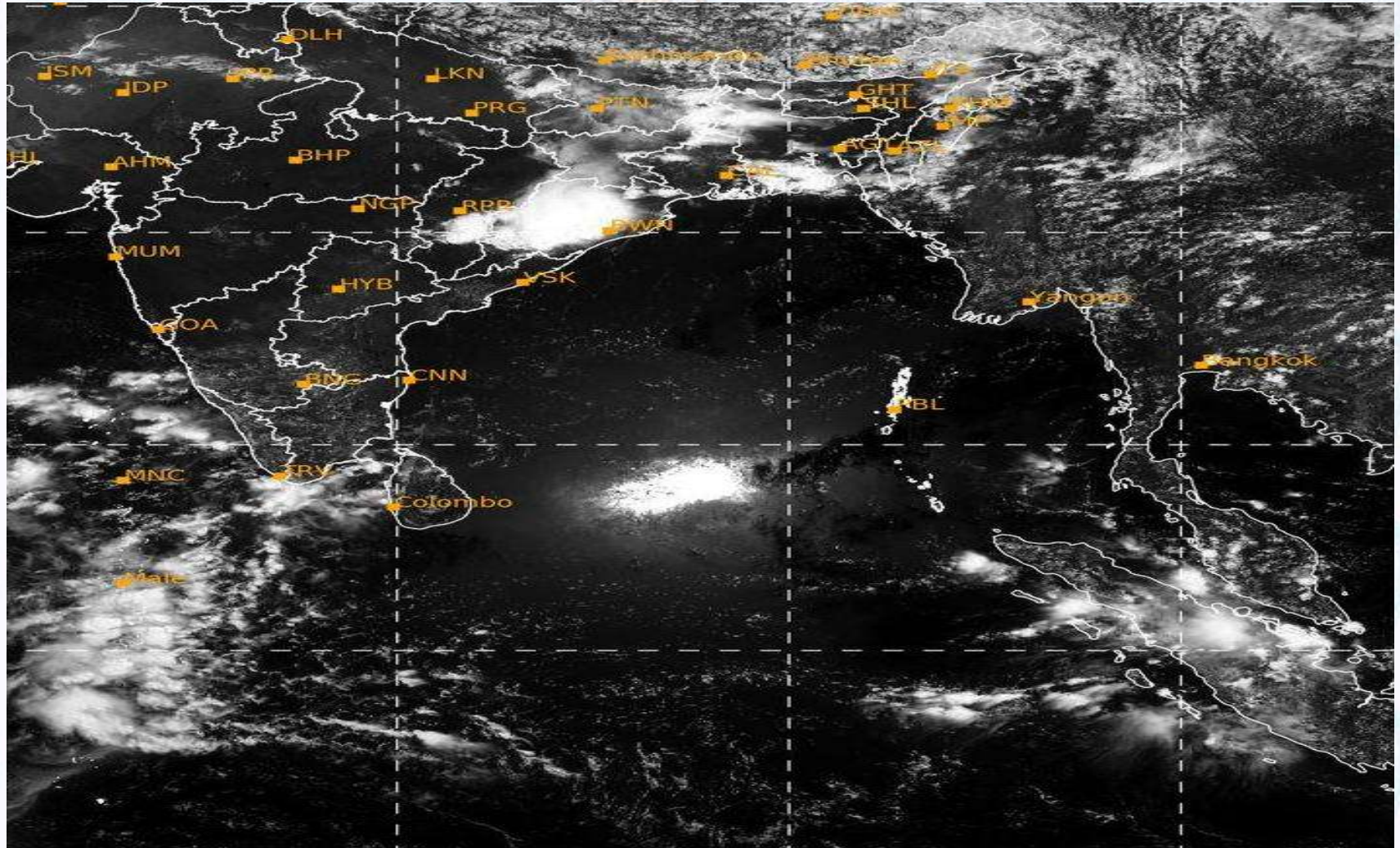
17/05/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



17/05/2021, 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 17.05.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	SW/WLY, 10-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1009 HPA



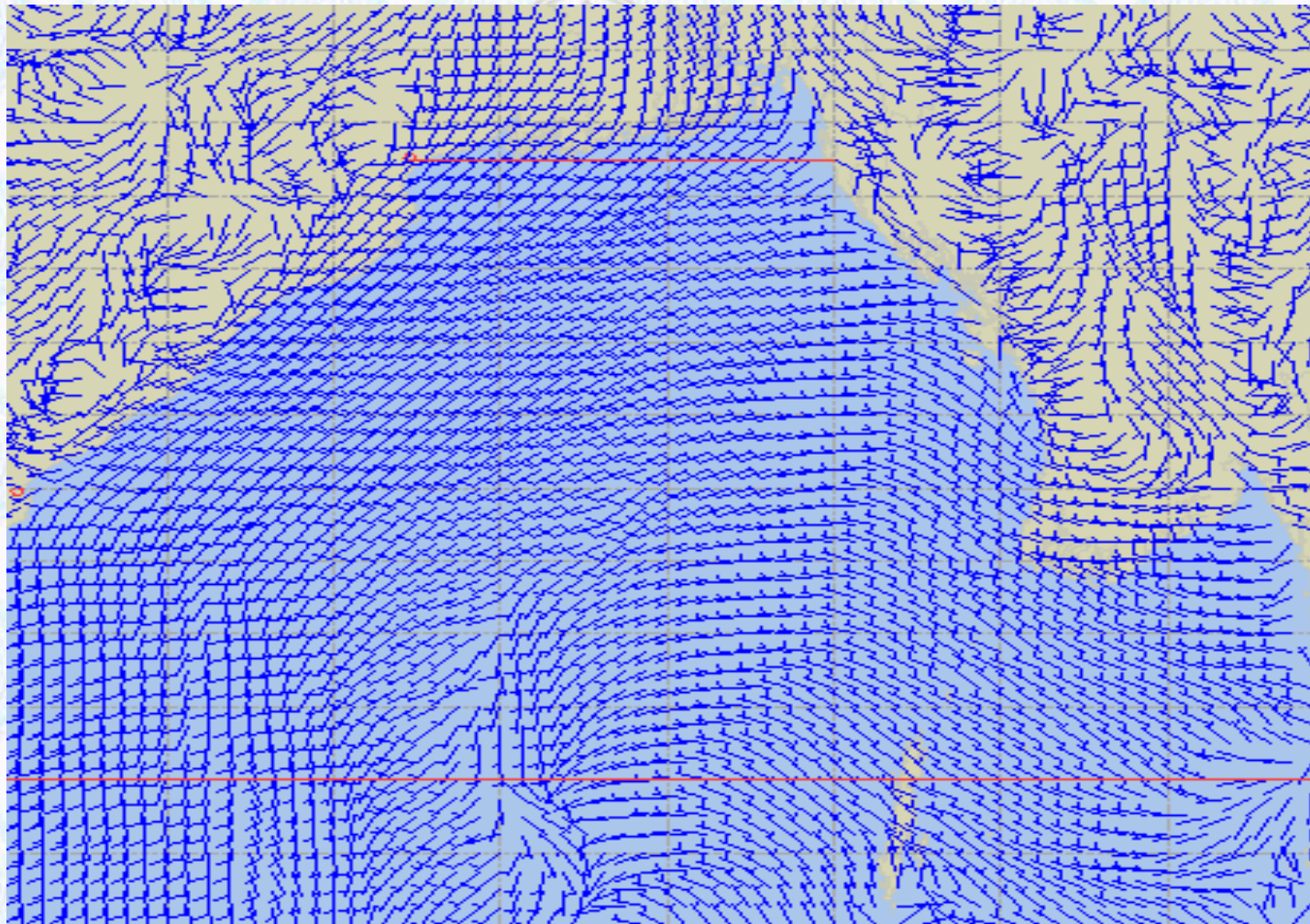
# Inland River Port Warning (VALID TILL 06 PM OF 17.05.2020)

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

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



# Surface Wind Forecast- 18 May - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



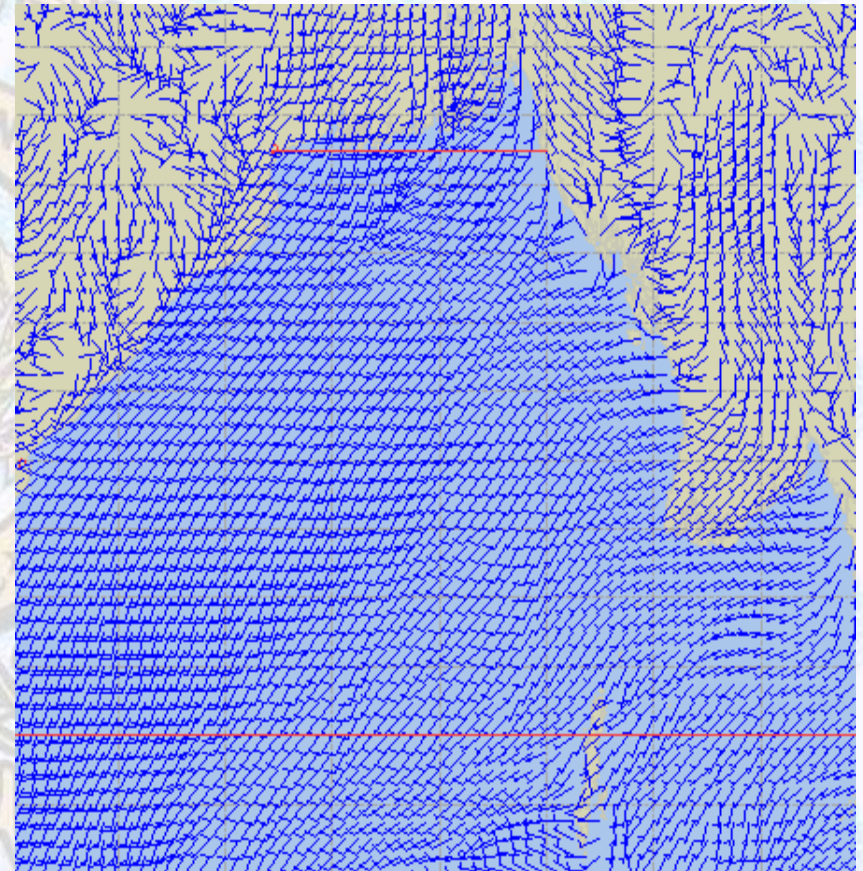
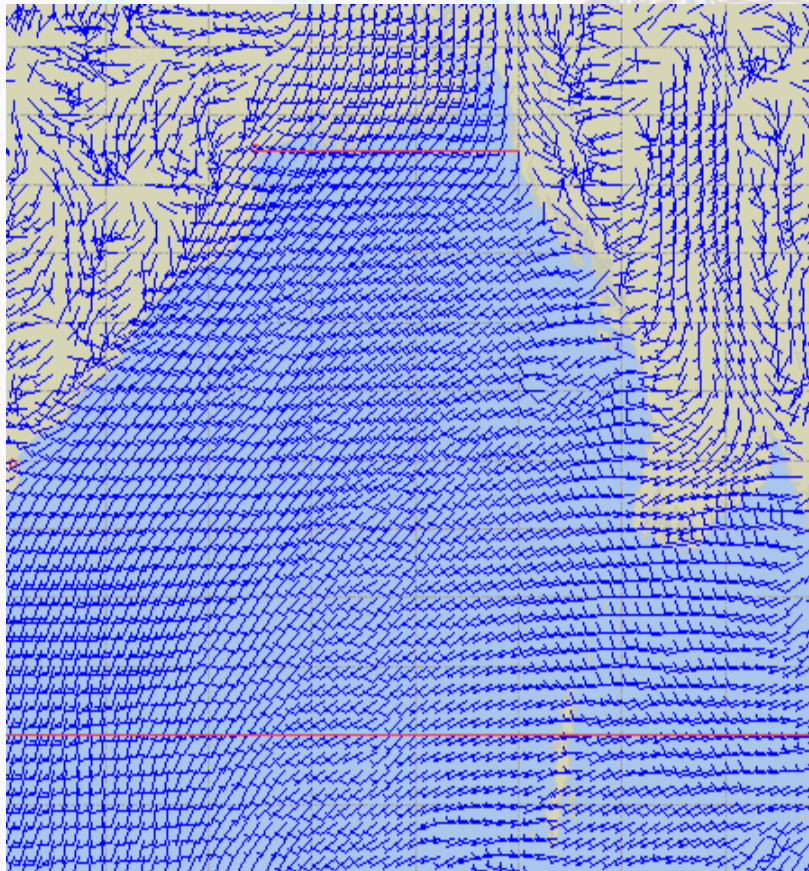
**60 Knots**



# Surface Wind Forecast – 19 & 20 May - 2021

19 May 21 Wednesday

20 May 21 Thursday



**Legend:**



Calm  
Winds



5 Knots



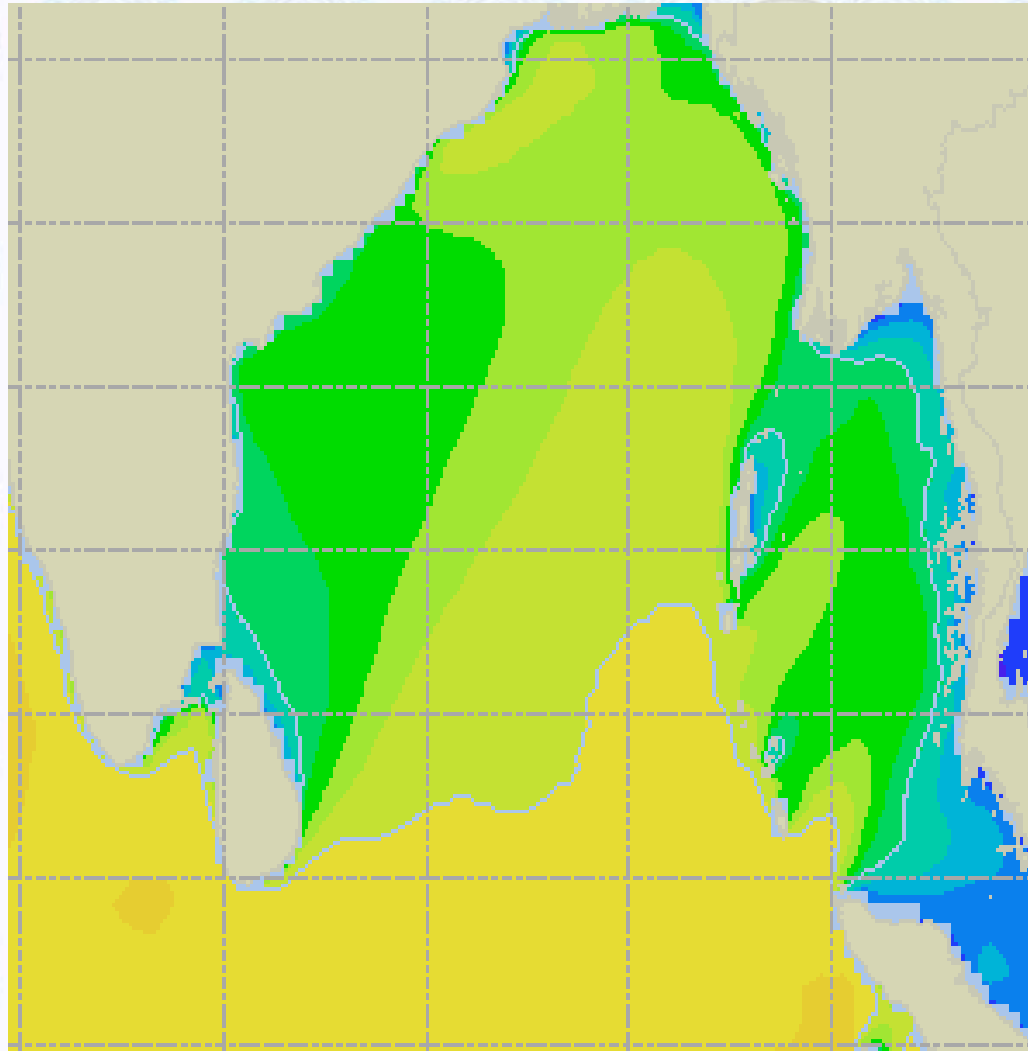
10 Knots



60 Knots



# Sea State Forecast – 18 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

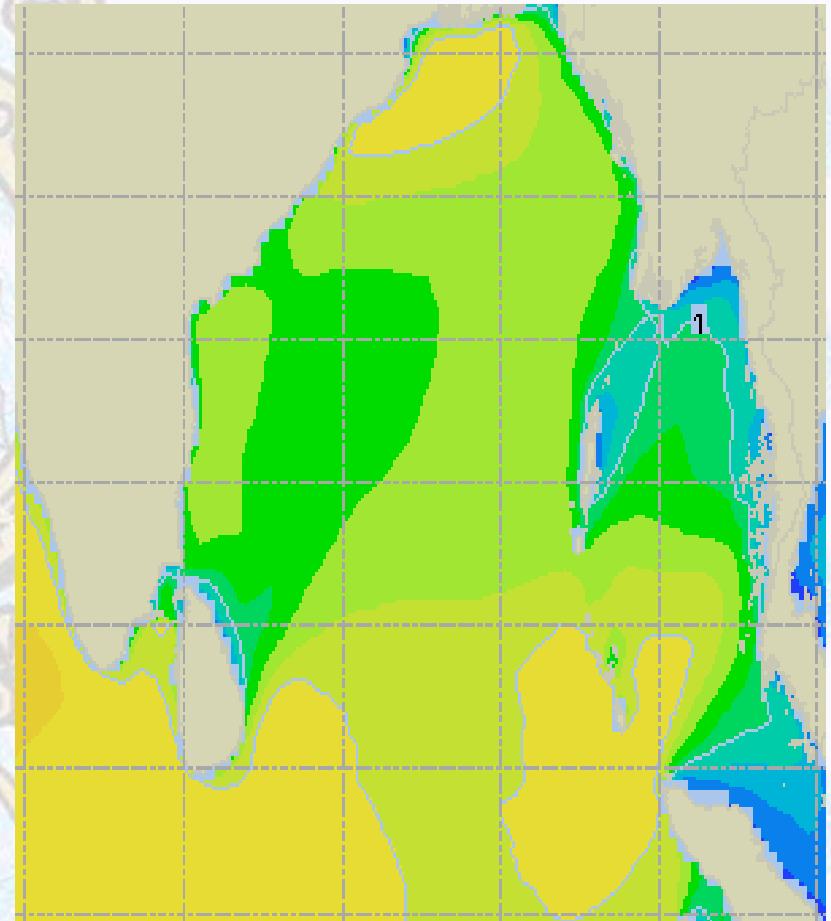
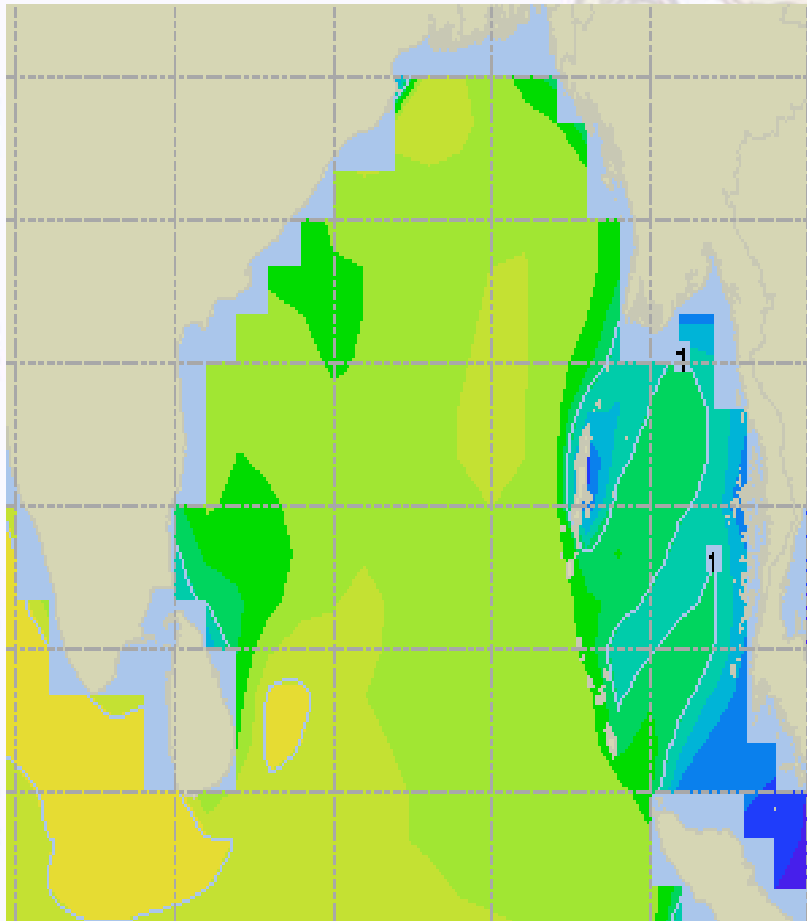




# Sea State Forecast – 19 & 20 May - 2021

**19 May 21 Wednesday**

**20 May 21 Thursday**

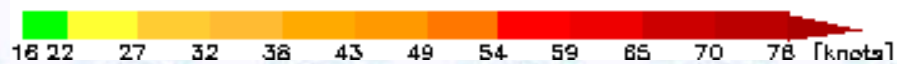
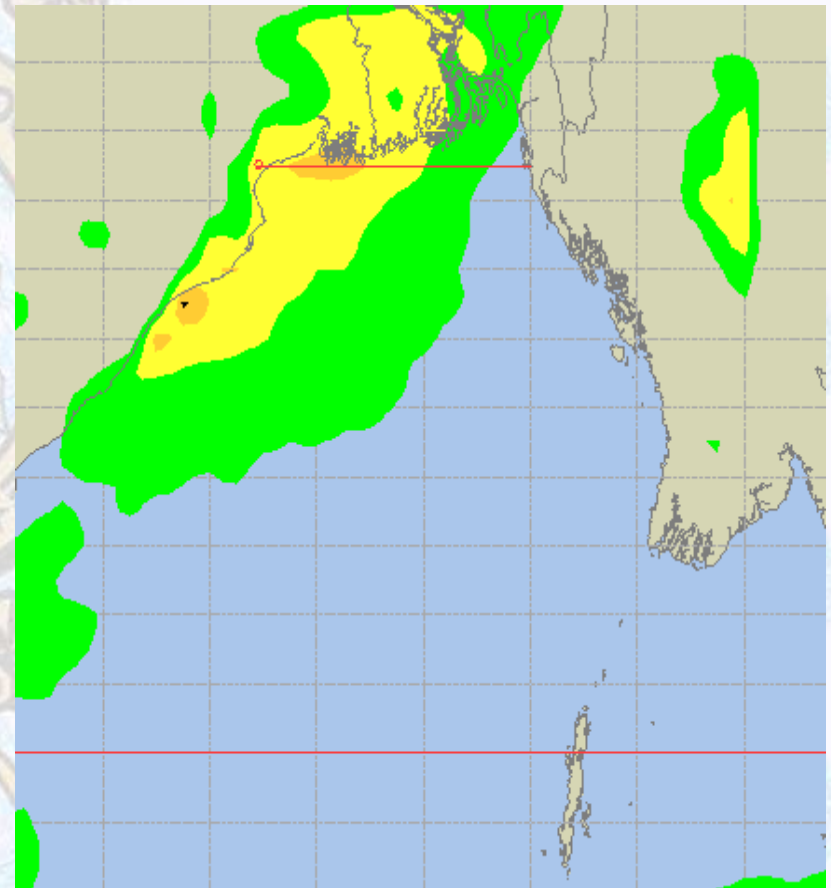
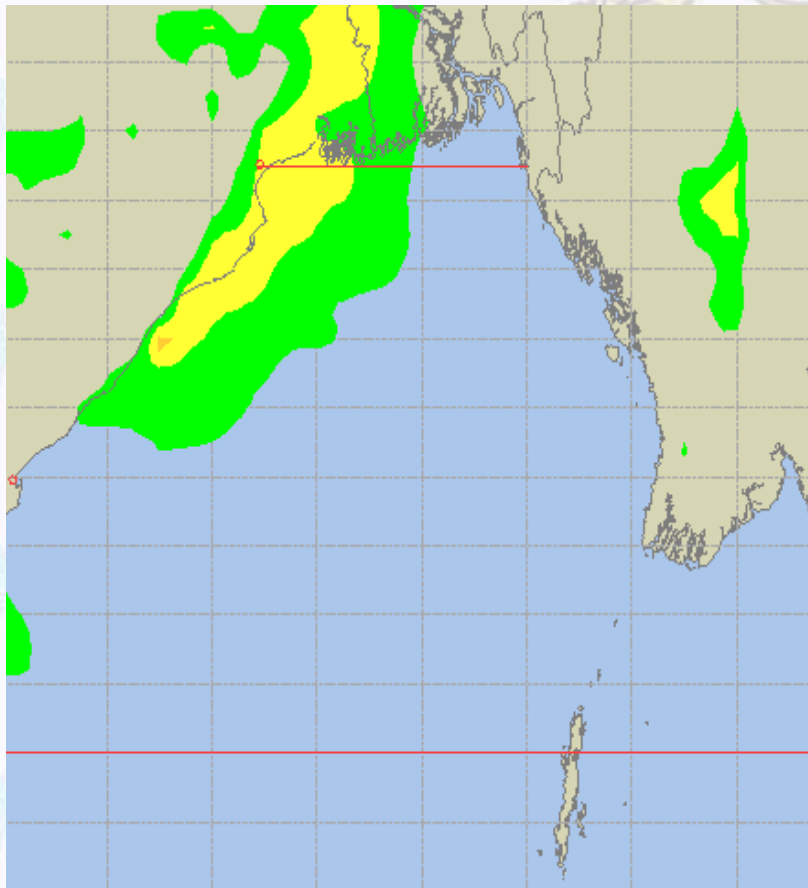




# Peak Gusting Possibilities— 18 & 19 May 2021

18 May 21 Tuesday

19 May 21 Wednesday

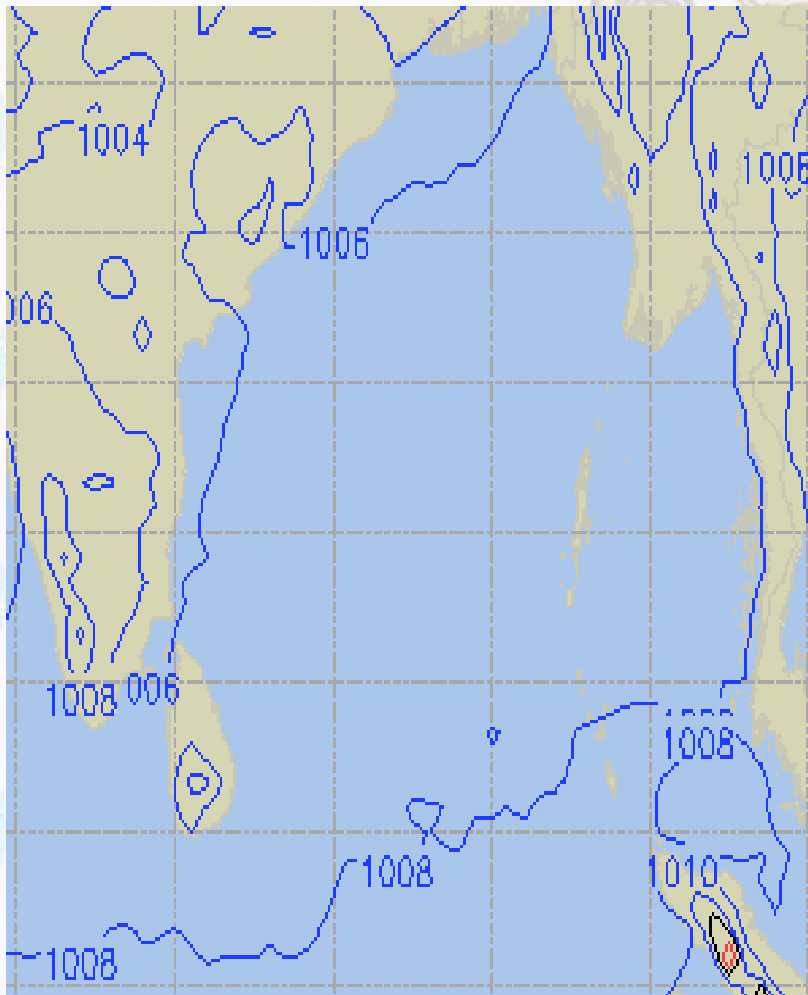




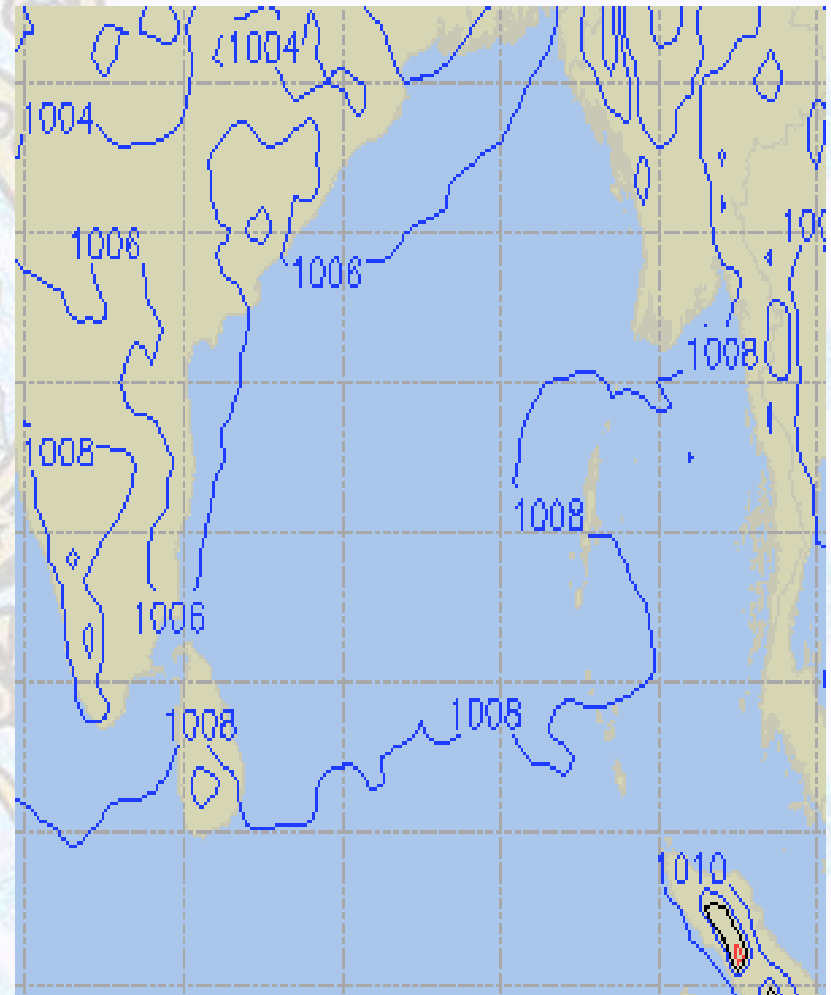


# Surface Pressure forecast – 18 & 19 May 2021

**18 May 21 Tuesday**



**19 May 21 Wednesday**

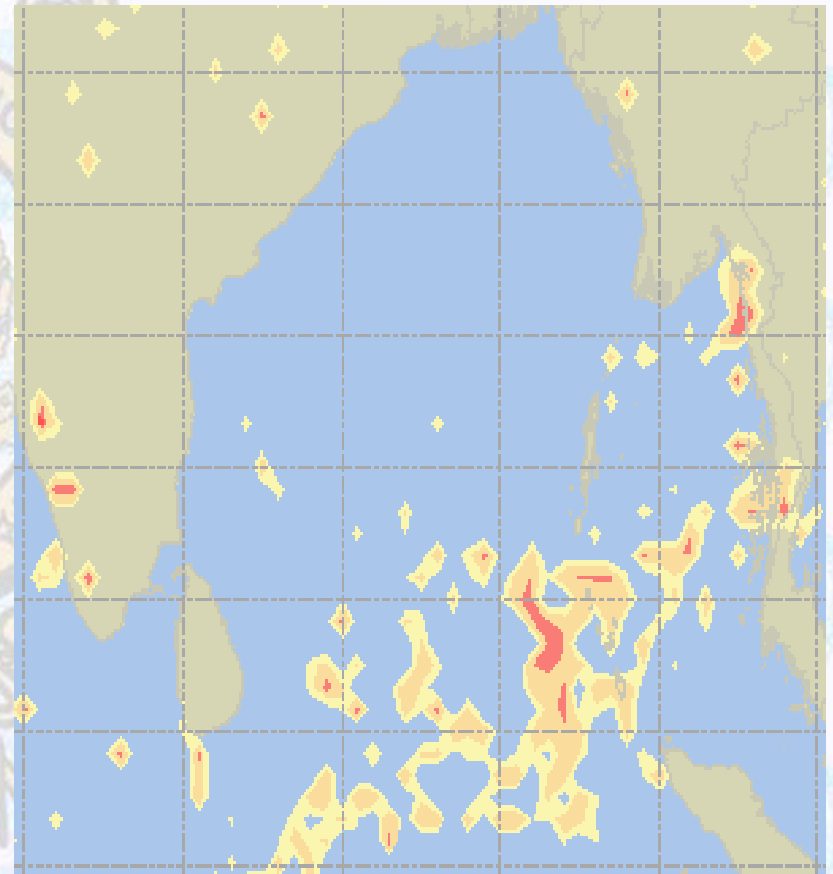
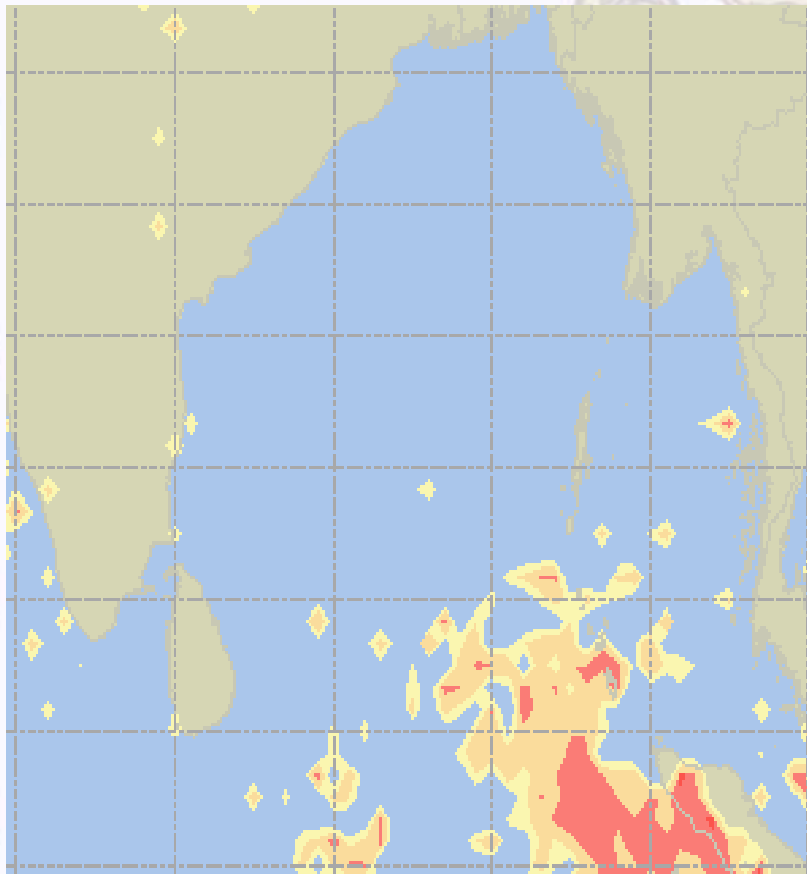




# Visibility at Sea Forecast – 18 & 19 May 2021

18 May 21 Tuesday

19 May 21 Wednesday



**Visibility Scale:**



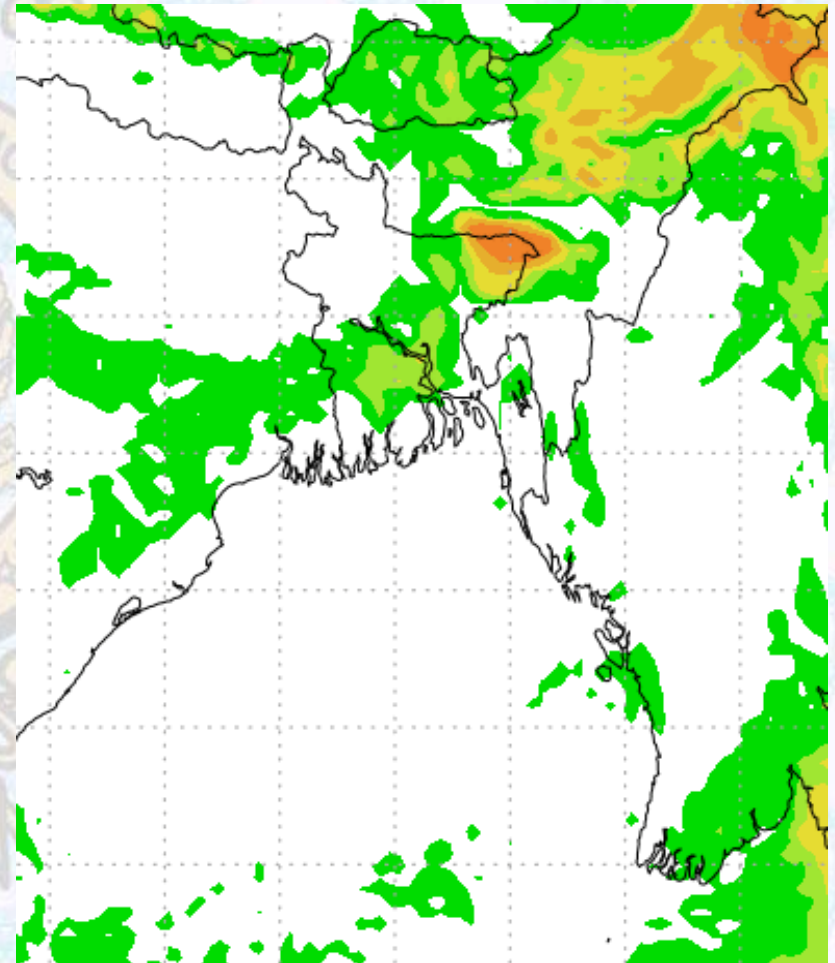
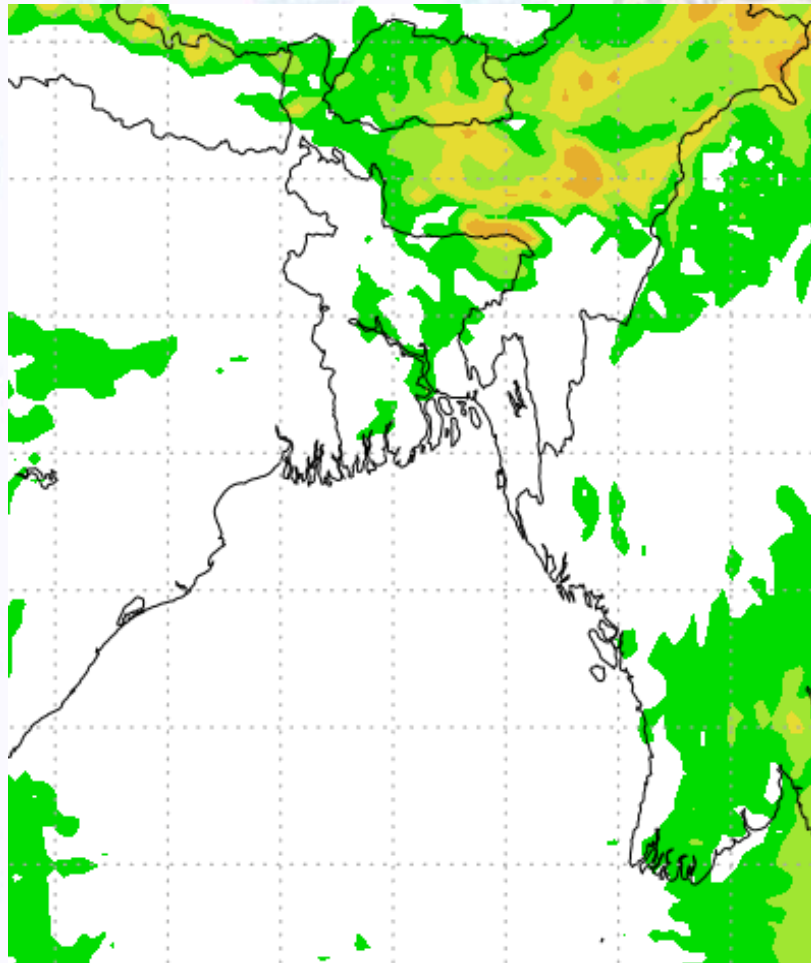
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 18 & 19 May 2021

Rain(mm) 19 & 20 May 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>18 May 2021</b>	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
<b>19 May 2021</b>	Time	Height		Time	Height		Time	Height
	0543	3.85		0310	2.49		0258	2.46
	1152	1.16		0919	1.22		0900	1.29
	1810	4.17		1545	2.78		1525	2.74
	-	-		2215	1.25		2209	1.28
<b>20 May 2021</b>	Time	Height		Time	Height		Time	Height
	0051	1.35		0423	2.47		0413	2.45
	0659	3.86		1038	1.32		1019	1.38
	1312	1.57		1702	2.75		1636	2.70
	1926	4.16		2345	1.25		2324	1.23