



**WEATHER FORECAST FOR BN**

**18 - 21 APR 2021**





# WEATHER FORECAST – DHAKA

## 18.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 23	29 / 22	30 / 23	28 / 23
Wind	15 km/h SSW	15 km/h SSW	9 km/h S	12 m/h S
Humidity	60%	49%	58%	68%
Chance of Precip	9%	1%	1%	5%
Cloud Cover	39%	72%	8%	4%
Conditions	Rain	Rain	Clear	Clear
Sunrise Sunset	05: 34 AM 18: 21 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 18.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 25	29 / 27	27 / 26
Wind	15 km/h WSW	14 km/h SW	12 km/h WSW	7 km/h SSW
Humidity	69%	72%	89%	90%
Chance of Precip.	1%	2%	5%	7%
Cloud Cover	1%	3%	5%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 30 AM			
Sunset	18: 14 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 3.54 Km

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



# WEATHER FORECAST – KHULNA

## 18.04.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 22	34 / 22	31 / 25	29 / 24
Wind	15 km/h SSW	14 km/h SSW	17 km/h SSW	10 m/h SSW
Humidity	48%	49%	70%	78%
Chance of Precip.	23%	97%	3%	7%
Cloud Cover	29%	75%	7%	3%
Conditions	Partly Cloudy	Rain	Clear	Clear
Sunrise Sunset	05: 38 AM 18: 24 PM			

### Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	19 Apr 2021	20 Apr 2021	21 Apr 2021
<b>Temperature (C)</b>	37°C/ 27°C	37°C/ 27°C	37°C/ 27°C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	5h 33m42s/18h22m12s	5h 32m54s/18h22m36s	5h 32m00s/18h22m54s
<b>Day Length</b>	12h48m30s	12h49m42s	12h50m54s
<b>Moon Rise/ Set</b>	10:35AM - - -	11:31AM 12:38AM	12:28PM 1:26AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 37%	First Quarter, 47%	Waxing Gibbous, 58%
<b>Nautical Twilight</b>	04:44, 19:09	04:44, 19:09	04:44, 19:09
<b>Civil Twilight</b>	05:11, 18:45	05:11, 18:45	05:11, 18:45
<b>Humidity</b>	D : 62% N : 72%	D : 52% N : 72%	D : 62% N : 72%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	6%	6%	17%
<b>Wind (km/hr)</b>	17 Km/h, SW	18 Km/h, SSW	15 Km/h, S

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	19 Apr 2021	20 Apr 2021	21 Apr 2021
<b>Temperature (C)</b>	31°C / 26°C	32°C / 26°C	32°C / 26°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h29m30s/ 18h15m00s	5h28m42s/ 18h15m18s	5h27m48s/ 18h15m36s
<b>Day Length</b>	12h45m30s	12h46m36s	12h47m34s
<b>Moon Rise/ Set</b>	10:35AM - - -	11:31AM 12:28AM	12:18PM 1:36AM
<b>Moon Phase/ illu</b>	Waxing Crescent, 37%	First Quarter, 47%	Waxing Gibbous, 58%
<b>Nautical Twilight</b>	04:40, 19:03	04:40, 19:02	04:40, 19:02
<b>Civil Twilight</b>	05:07, 18:36	05:07, 18:37	05:07, 18:37
<b>Humidity</b>	D : 79%    N : 93%	D : 78%    N : 95%	D : 78%    N : 95%
<b>Barometer (mb)</b>	1008	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	15%	10%	06%
<b>Wind (km/hr)</b>	18 Km/h, SSW	16 Km/h, SSW	14 Km/h, SW

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



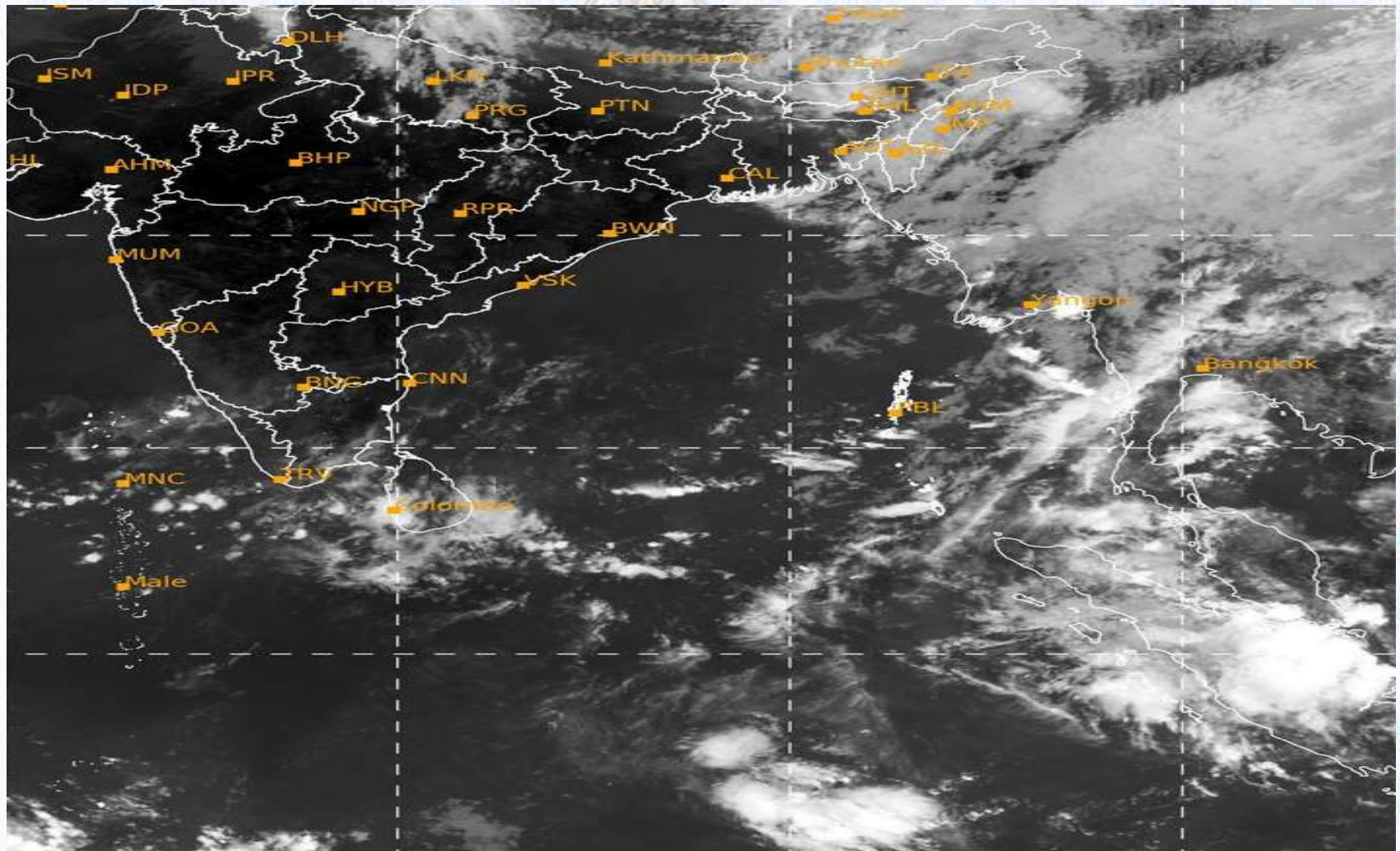
# GENERAL WEATHER FORECAST – KHULNA

Description	19 Apr 2021	20 Apr 2021	21 Apr 2021
<b>Temperature(C)</b>	36°C/ 28°C	35°C/ 28°C	35°C/ 28°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h38m06s/ 18h24m36s	5h37m18s/ 18h25m00s	5h36m30s/ 18h25m18s
<b>Day Length</b>	12h 46m 30s	12h 47m 42s	12h 48m 48s
<b>Moon Rise/Set</b>	10:35AM - - -	11:31AM 12:28AM	12:08PM 11:06AM
<b>Moon Phase/illu</b>	Waxing Crescent, 37%	First Quarter, 47%	Waxing Gibbous, 58%
<b>Nautical Twilight</b>	04:49, 19:13	04:49, 19:12	04:49, 19:12
<b>Civil Twilight</b>	05:16, 18:46	05:16, 18:46	05:16, 18:46
<b>Humidity</b>	D : 70% N : 87%	D : 70% N : 87%	D : 70% N : 87%
<b>Barometer (mb)</b>	1008	1008	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	9%	11%	6%
<b>Wind (km/hr)</b>	9 Km/h, SW	17 Km/h, SSW	18 Km/h, SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



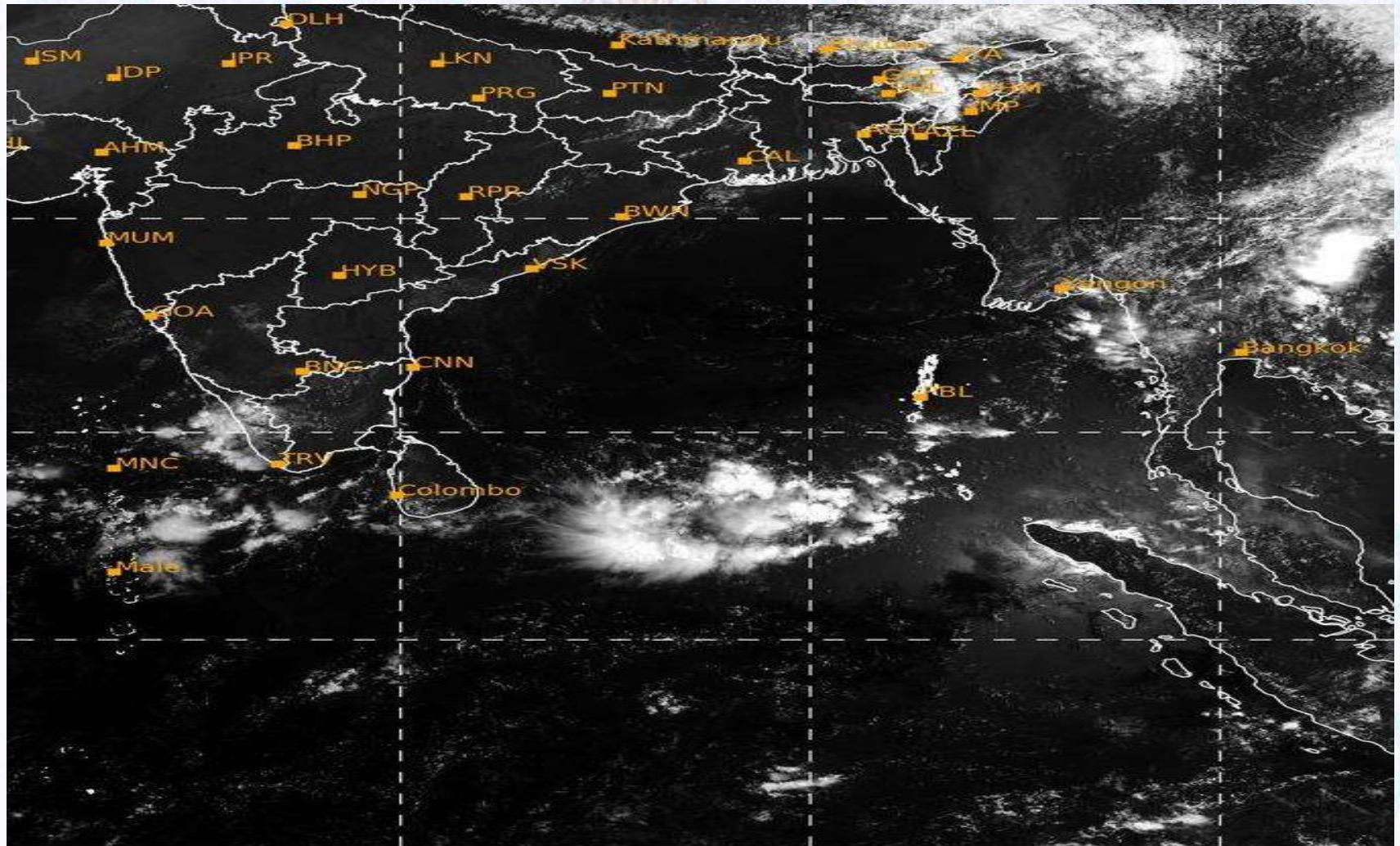
18/04/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/04/2021, 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 18.04.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA -C90.
	Wind	SOUTH/SOUTH-WESTERLY 08-12 KTS.
	Visibility	02-04 KMS, REDUCING TO 2000 M OR LESS IN HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1011 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 18.04.2020)

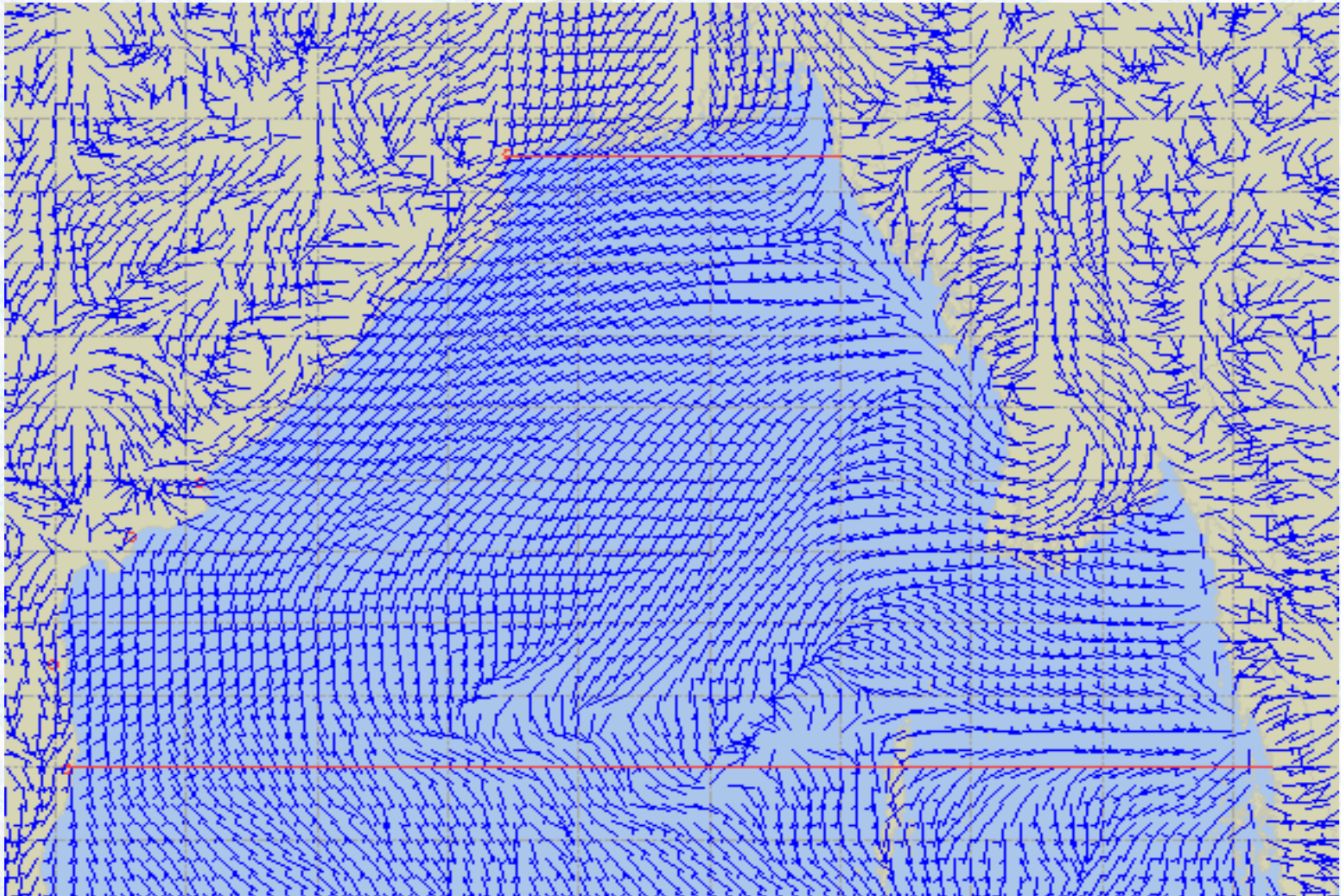
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 19 Apr - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



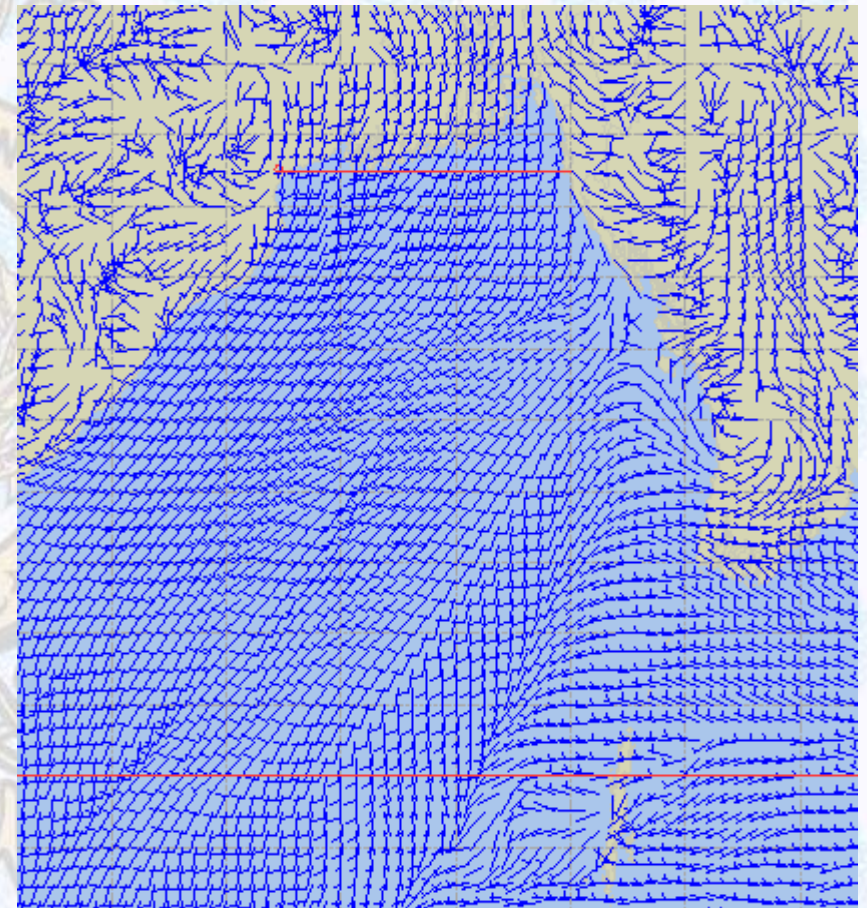
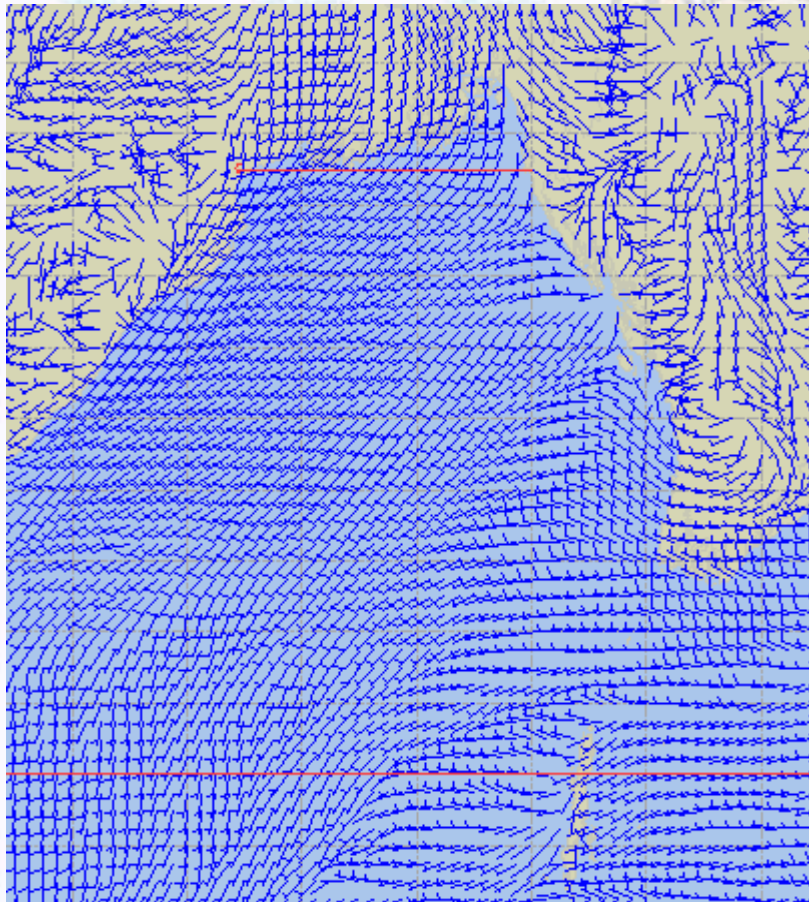
**60 Knots**



# Surface Wind Forecast – 20 & 21 Apr - 2021

20 Apr 21 Tuesday

21 Apr 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



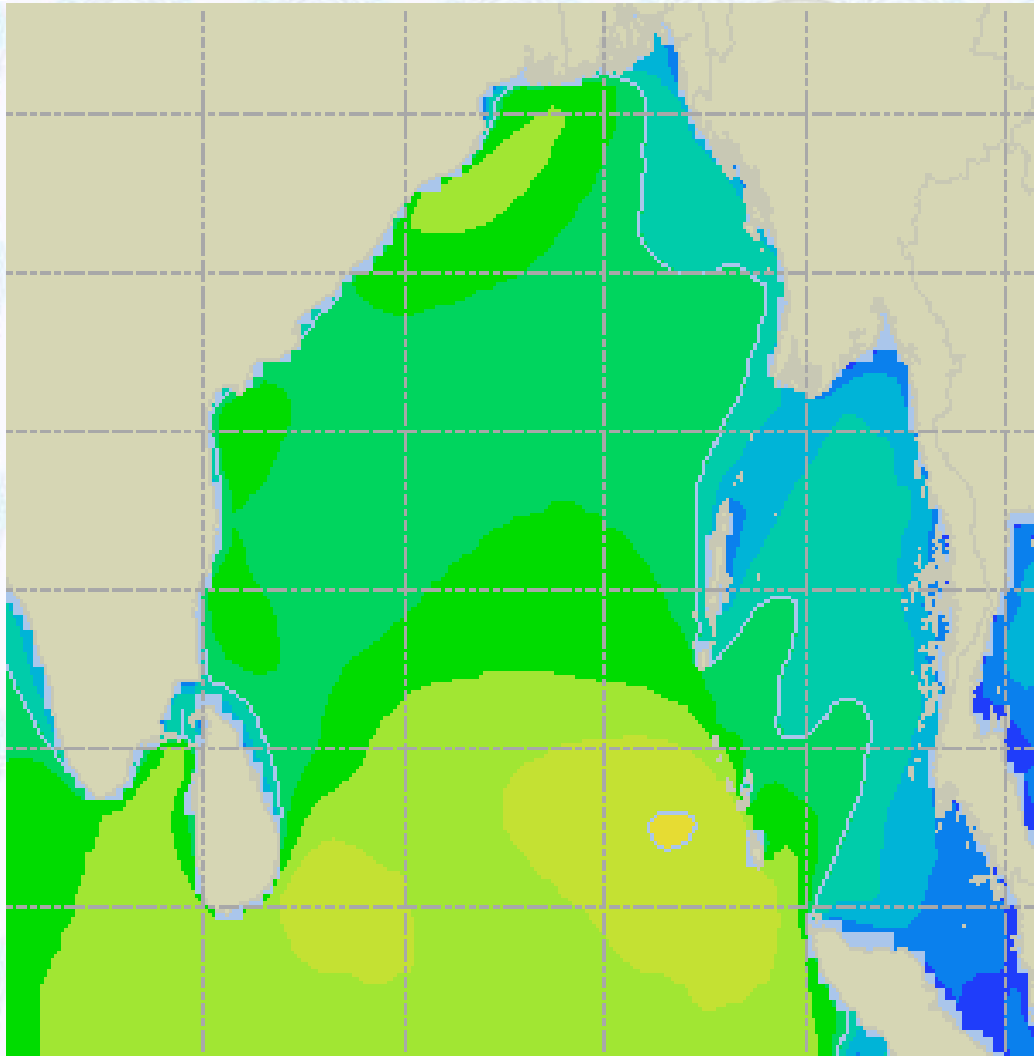
10 Knots



60 Knots



# Sea State Forecast – 19 Apr - 2021



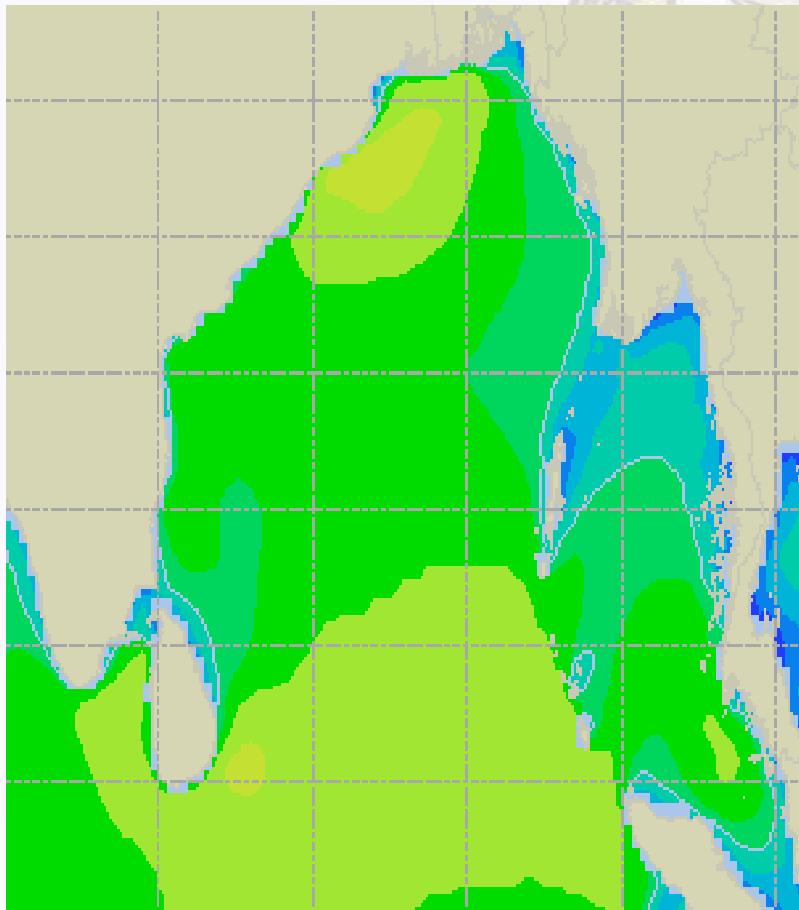
Sea State	Ht (m)
0	0
1	0 - 0.1
2	0.1 - 0.5
3	0.5 - 1.25
4	1.25 - 2.5
5	2.5 - 4.0
6	4 - 6
7	6 - 9
8	9 - 14
9	Over 14



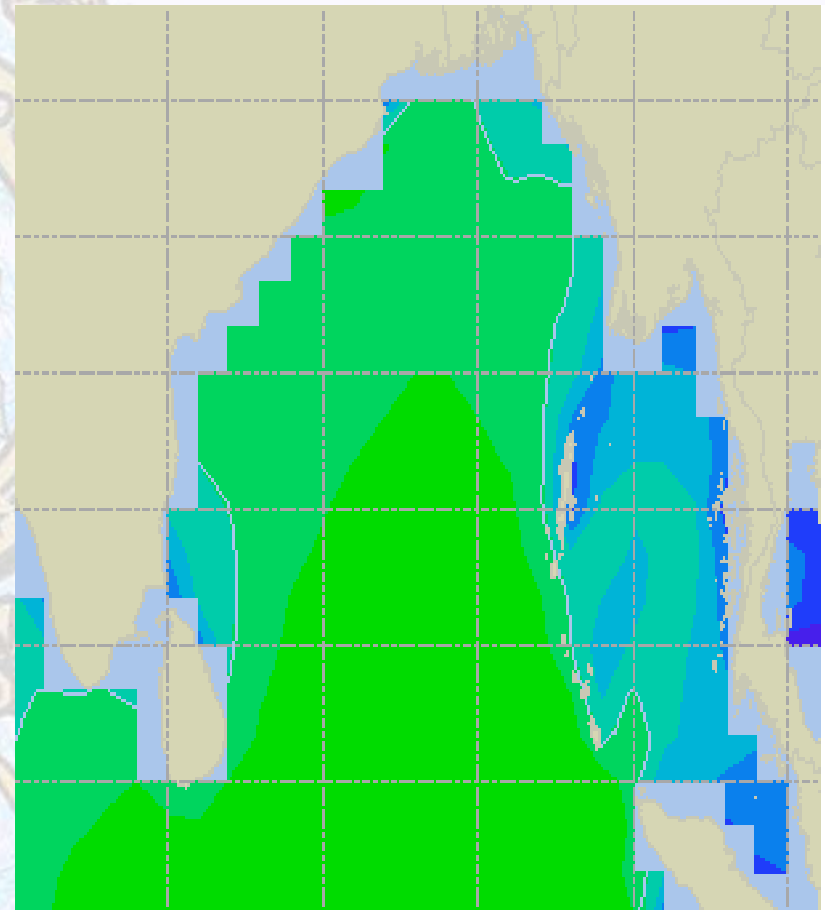


# Sea State Forecast – 20 & 21 Apr - 2021

20 Apr 21 Tuesday



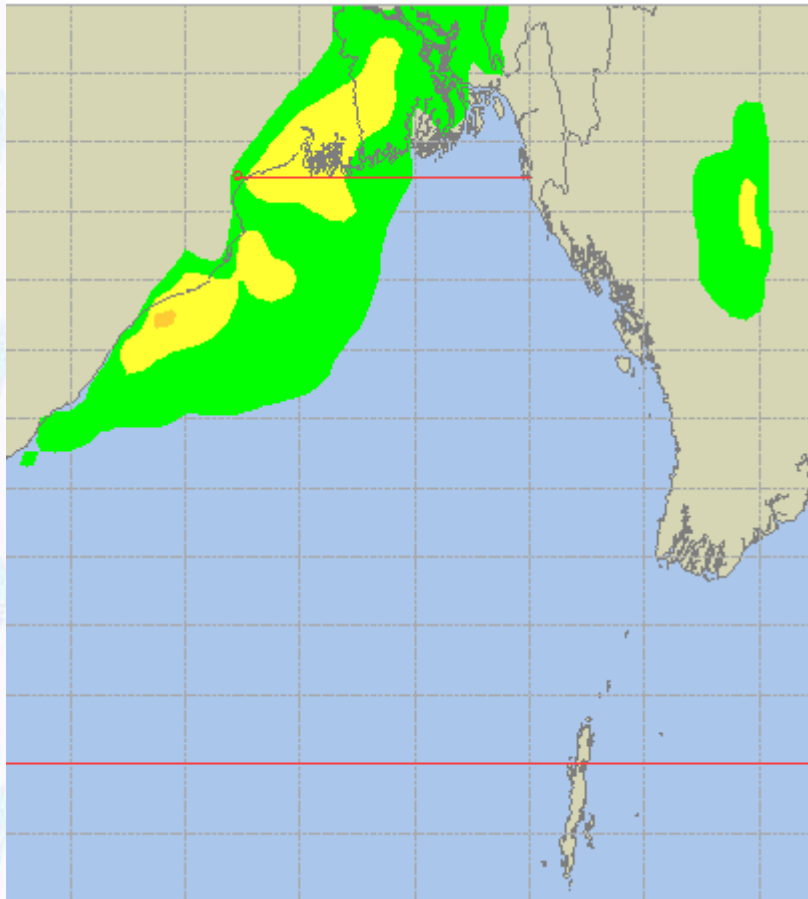
21 Apr 21 Wednesday



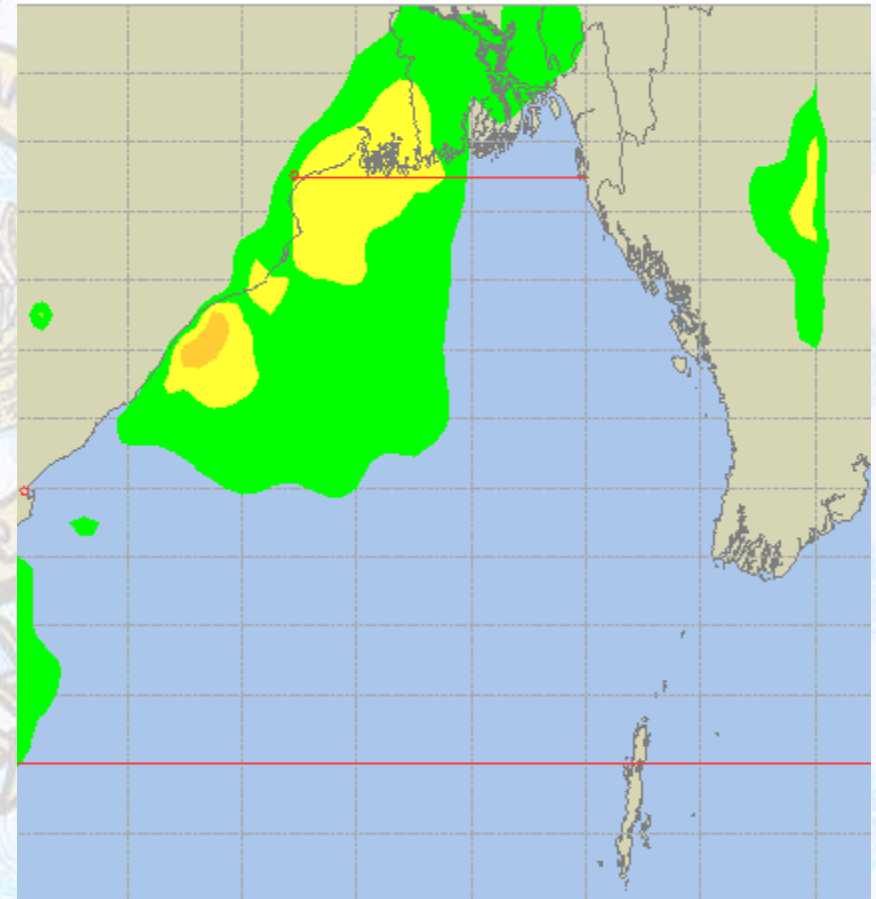


# Peak Gusting Possibilities– 19 & 20 Apr 2021

19 Apr 21 Monday



20 Apr 21 Tuesday

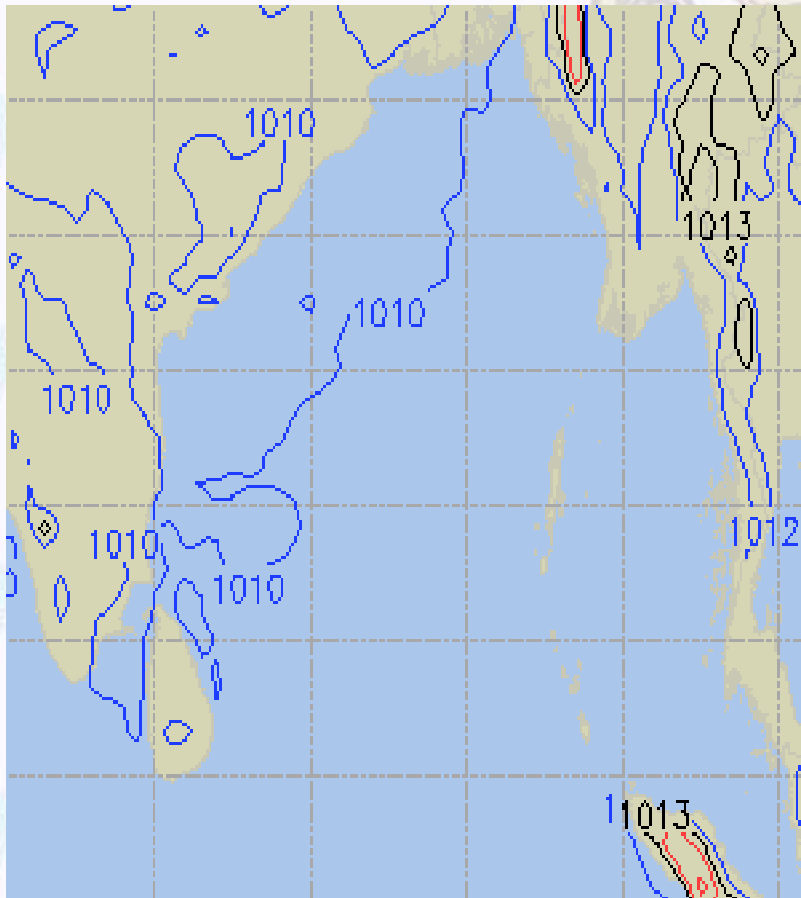




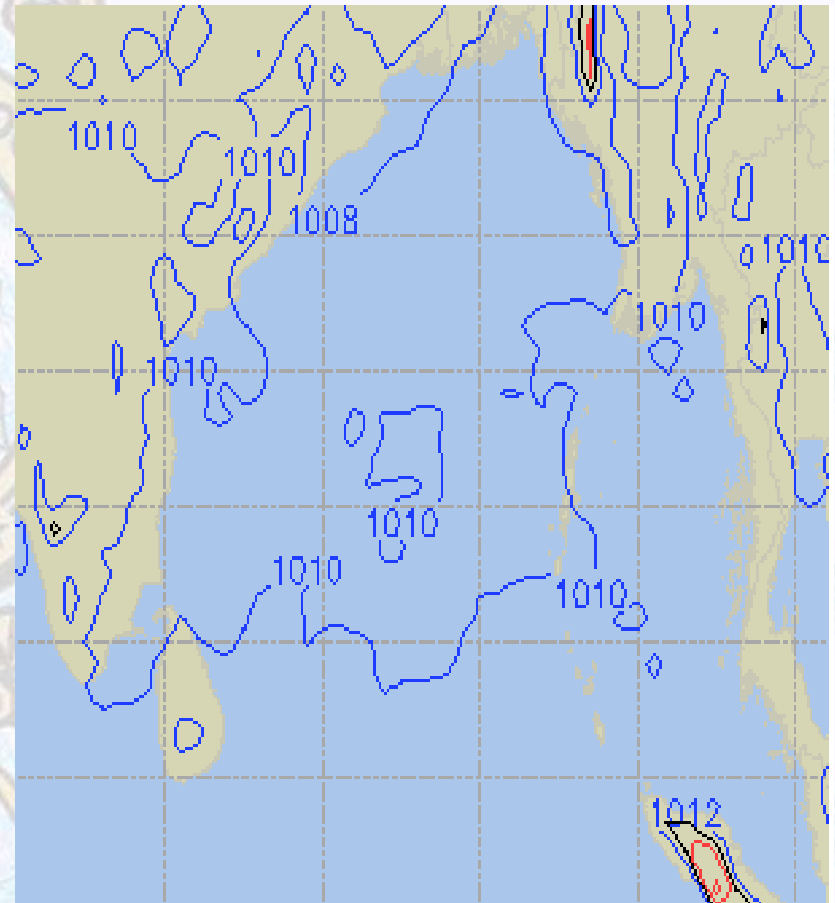


# Surface Pressure forecast – 19 & 20 Apr 2021

**19 Apr 21 Monday**



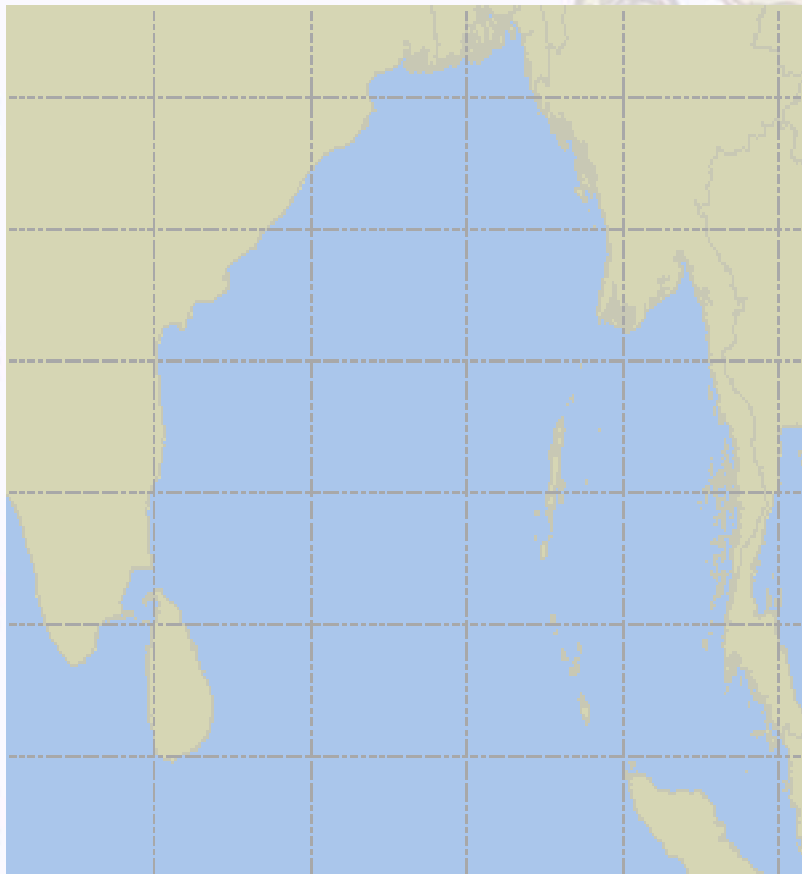
**20 Apr 21 Tuesday**



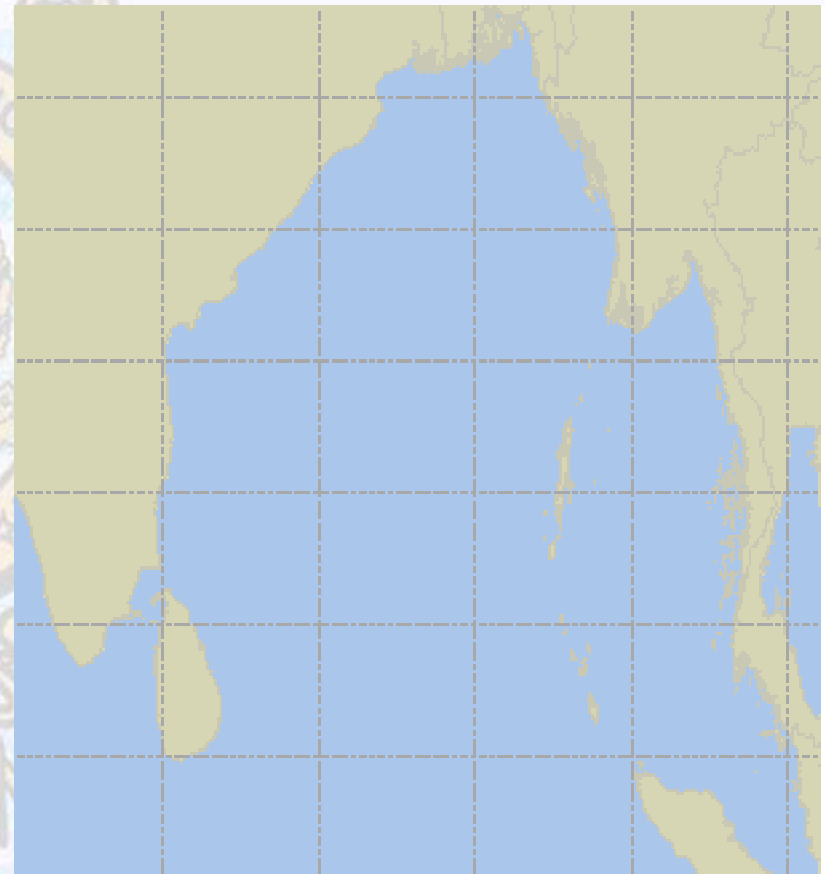


# Visibility at Sea Forecast – 19 & 20 Apr 2021

19 Apr 21 Monday



20 Apr 21 Tuesday



**Visibility Scale:**

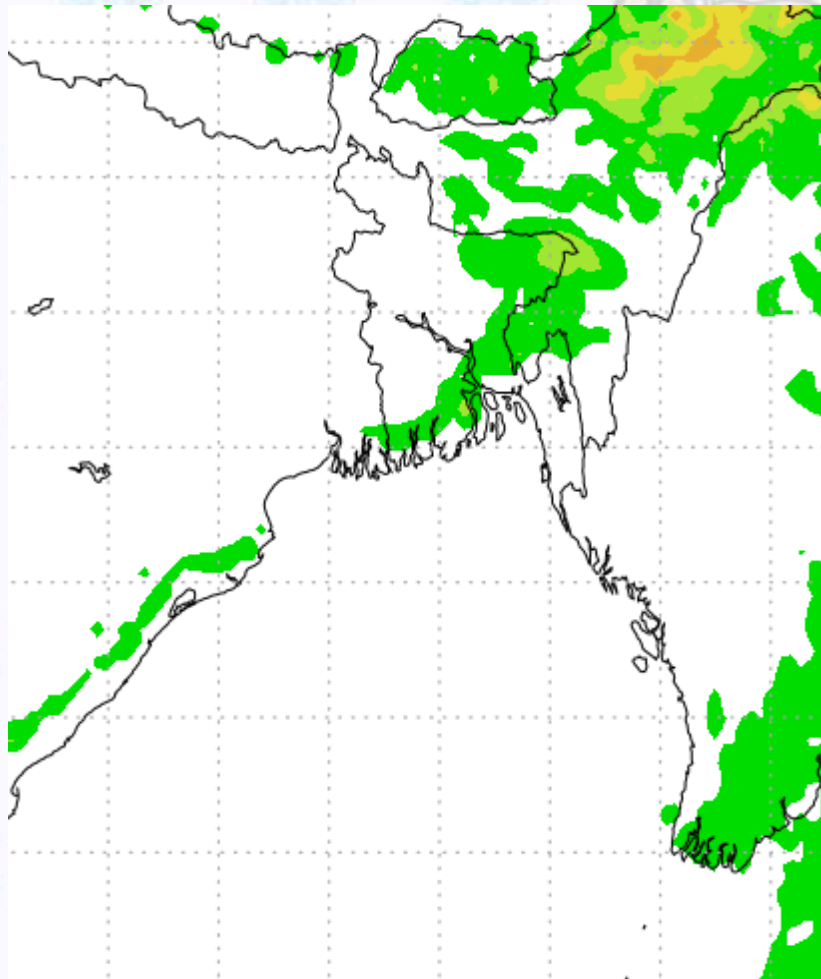


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

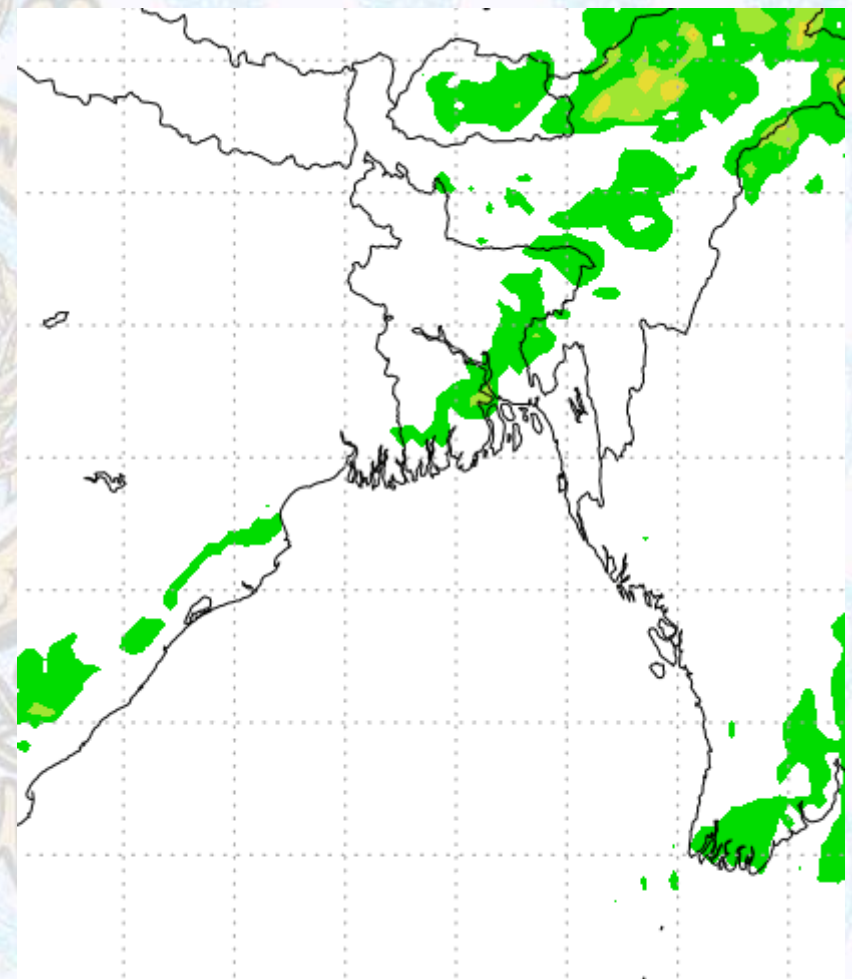


# Precipitation

Rain(mm) 19 & 20 Apr 21



Rain(mm) 20 & 21 Apr 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>19 Apr 2021</b>	0456	3.52		0231	2.36		0217	2.27
	1103	1.14		0839	0.87		0819	1.03
	1722	3.82		1504	2.58		1450	2.49
	2355	1.30		2128	1.00		2121	1.25
<b>20 Apr 2021</b>	Time	Height		Time	Height		Time	Height
	0604	3.31		0327	2.19		0316	2.14
	1208	1.44		0936	1.06		0921	1.20
	1839	3.68		1610	2.45		1559	2.41
	-	-		2242	1.14		2246	1.31
<b>21 Apr 2021</b>	Time	Height		Time	Height		Time	Height
	0119	1.43		0449	2.12		0443	2.09
	0731	3.27		1100	1.20		1053	1.30
	1338	1.59		1741	2.45		1724	2.41
	2002	3.72		-	-		-	-