



# **WEATHER FORECAST FOR BN**

***21 - 24 NOV 2020***





# WEATHER FORECAST – DHAKA

## 21.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 20	28 / 19	26 / 20	26 / 20
Wind	6 km/h NW	8 km/h NW	4 km/h NW	3 km/h NW
Humidity	62%	60%	71%	72%
Chance of Precip	9%	20%	8%	12%
Cloud Cover	36%	45%	37%	42%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 17 AM 17: 11 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 6.44 km

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



# WEATHER FORECAST – CHATTOGRAM

## 21.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 22	29 / 22	26 / 23	25 / 23
Wind	6 km/h WNW	7 km/h WNW	6 km/h WNW	4 km/h NNW
Humidity	65%	69%	87%	89%
Chance of Precip.	1%	2%	6%	7%
Cloud Cover	8%	7%	23%	11%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 09 AM			
Sunset	17: 07 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 3.86 Km

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



# WEATHER FORECAST – KHULNA

## 21.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 21	27 / 21	26 / 21	24 / 21
Wind	9 km/h NNW	8 km/h NNW	3 km/h NNW	2 km/h NW
Humidity	73%	67%	76%	81%
Chance of Precip.	73%	47%	9%	9%
Cloud Cover	90%	50%	38%	32%
Conditions	Sunny/Partly Cloudy	Sunny/Partly Cloudy	Clear	Clear
Sunrise Sunset	06: 19 AM 17: 16 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 6.44 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	22 Nov 2020	23 Nov 2020	24 Nov 2020
<b>Temperature (C)</b>	29°C/ 18°C	28°C/ 18°C	29°C/ 18°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h18m18s/17h10m54s	6h18m54s/17h10m48s	6h19m36s/17h10m42s
<b>Day Length</b>	10h52m36s	10h51m54s	10h51m06s
<b>Moon Rise/ Set</b>	- -	1:17 PM 12:08 AM	1:50 PM 1:01 AM
<b>Moon Phase/ illu</b>	First Quarter, 1%	Waxing Gibbous, 57%	Waxing Gibbous, 67%
<b>Nautical Twilight</b>	05:25, 18:01	05:26, 18:01	05:27, 18:02
<b>Civil Twilight</b>	05:54, 17:35	05:54, 17:34	05:55, 17:35
<b>Humidity</b>	D : 54% N : 67%	D : 53% N : 72%	D : 60% N : 75%
<b>Barometer (mb)</b>	1012	1015	1014
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	10%	1%	10%
<b>Wind (mph)</b>	6 Km/h NW	4 Km/h NNW	4 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 Nov 2020	23 Nov 2020	24 Nov 2020
<b>Temperature (C)</b>	30°C/ 19°C	29°C/ 18°C	29°C/ 19°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h09m48s/17h07m48s	6h10m24s/17h07m42s	6h11m00s/17h07m36s
<b>Day Length</b>	10h58m00s	10h57m18s	10h56m36s
<b>Moon Rise/ Set</b>	- -	1:10 PM 12:04 AM	1:44 PM 12:56 AM
<b>Moon Phase/ illu</b>	First Quarter, 1%	Waxing Gibbous, 57%	Waxing Gibbous, 67%
<b>NauticalTwilight</b>	05:18 17:58	05:18 17:57	05:19 17:59
<b>Civil Twilight</b>	05:46, 17:31	05:47, 17:30	05:46, 17:31
<b>Humidity</b>	D : 69% N : 78%	D : 62% N : 83%	D : 69% N : 86%
<b>Barometer (mb)</b>	1012	1015	1014
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	10 Km/h N	10 Km/h NNW	6 Km/h NNW

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



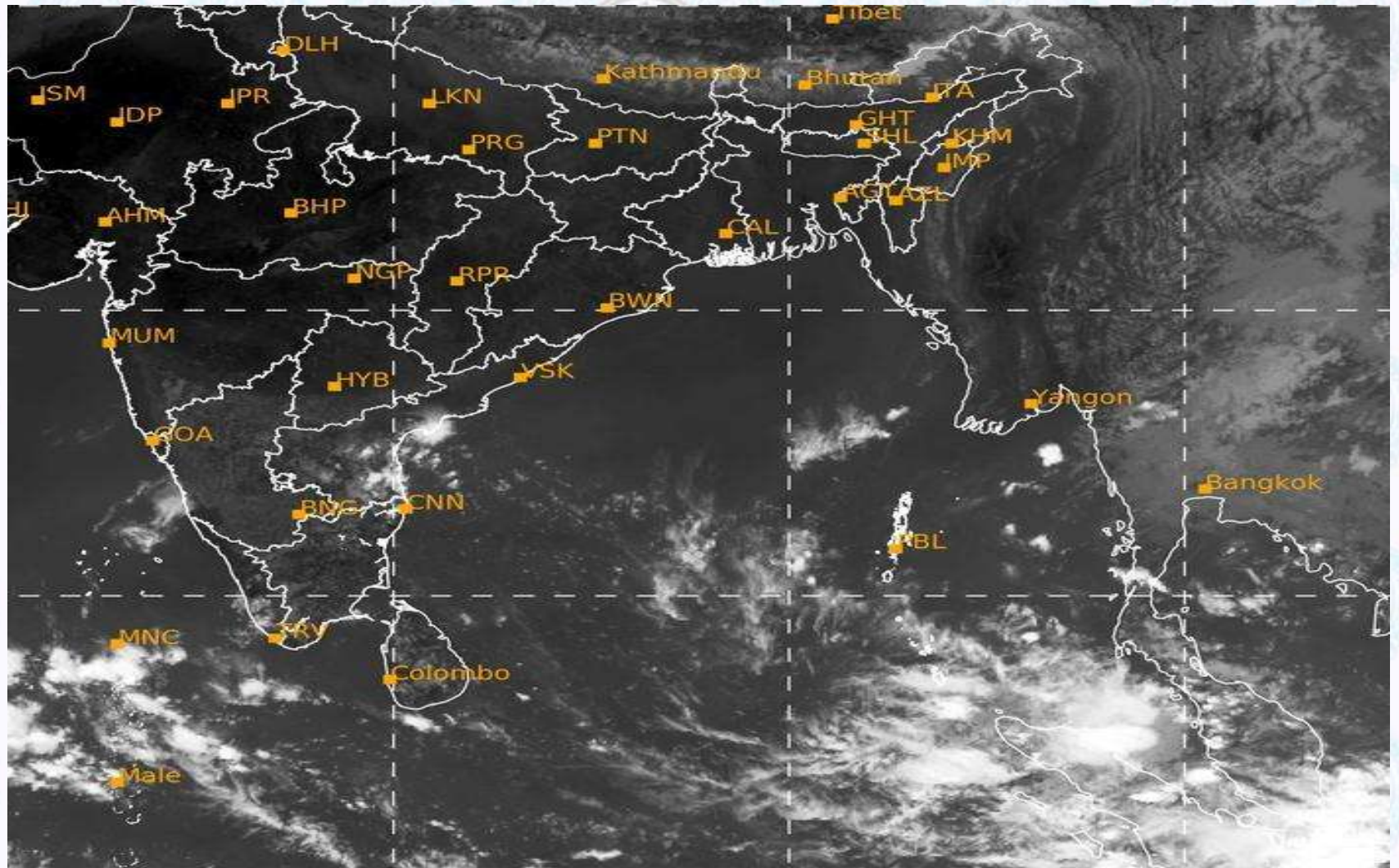
# GENERAL WEATHER FORECAST – KHULNA

Description	22 Nov 2020	23 Nov 2020	24 Nov 2020
<b>Temperature(C)</b>	29°C/ 16°C	28°C/ 16°C	28°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h19m54s/17h16m00s	6h20m30s/17h15m54s	6h21m12s/17h15m54s
<b>Day Length</b>	10h56m06s	10h55m24s	10h54m42s
<b>Moon Rise/Set</b>	- -	1:20 PM 12:13 AM	1:53 PM 1:05 AM
<b>Moon Phase/illu</b>	First Quarter, 1%	Waxing Gibbous, 57%	Waxing Gibbous, 67%
<b>Nautical Twilight</b>	05:28, 18:06	05:28, 18:06	05:29, 18:07
<b>Civil Twilight</b>	05:55, 17:39	05:56, 17:38	05:56, 17:40
<b>Humidity</b>	D : 49% N : 64%	D : 51% N : 70 %	D : 60% N : 75%
<b>Barometer (mb)</b>	1013	1015	1015
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	1%	1%	10%
<b>Wind (mph)</b>	7 km/h NNW	7 km/h NNW	5 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



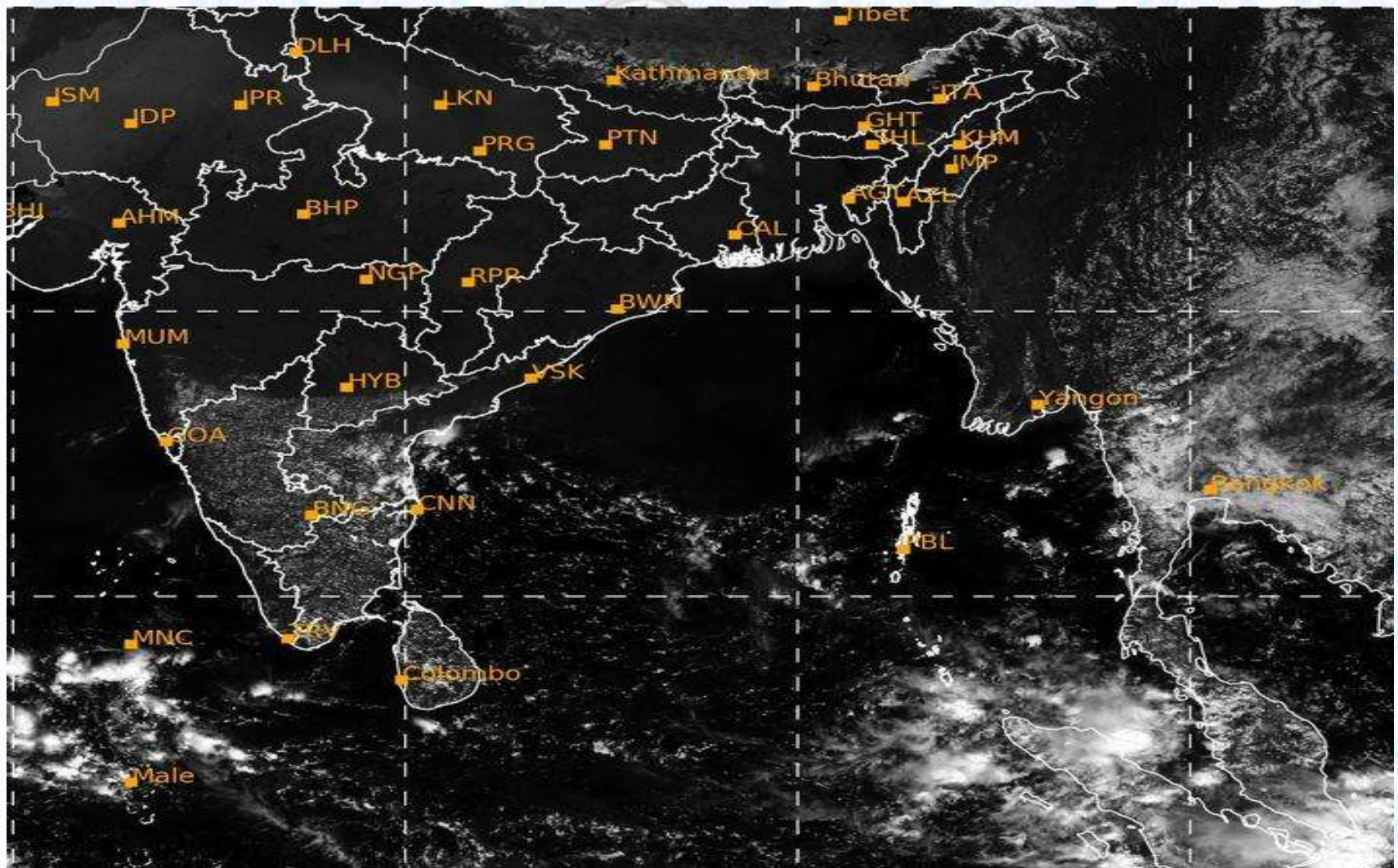
21/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



21/11/2020, 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 21.11.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY EXTENDING ITS TROUGH TO NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY SKY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 21,0000 UTC. CHATTOGRAM =1013 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 21.11.2020)

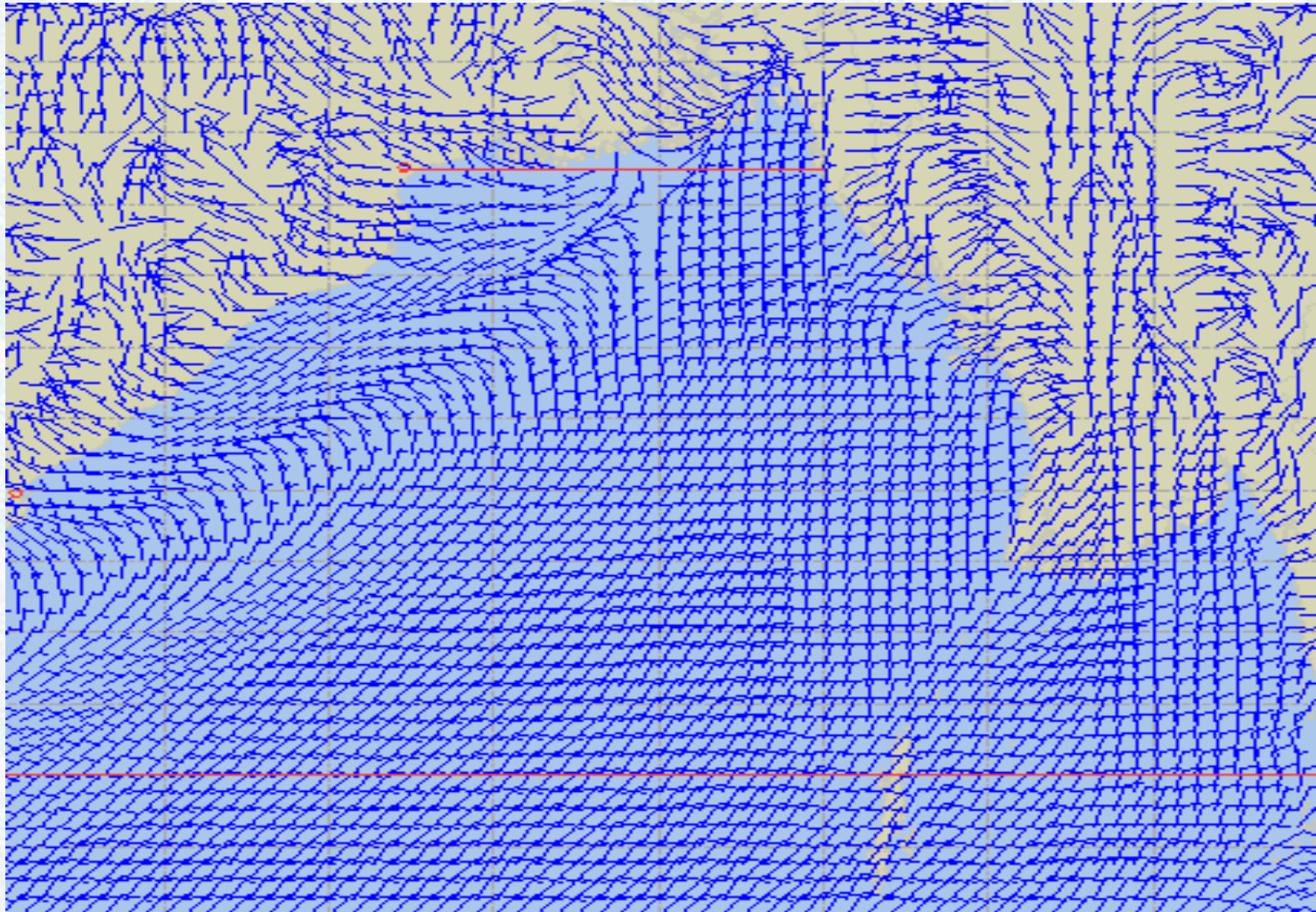
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 22 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



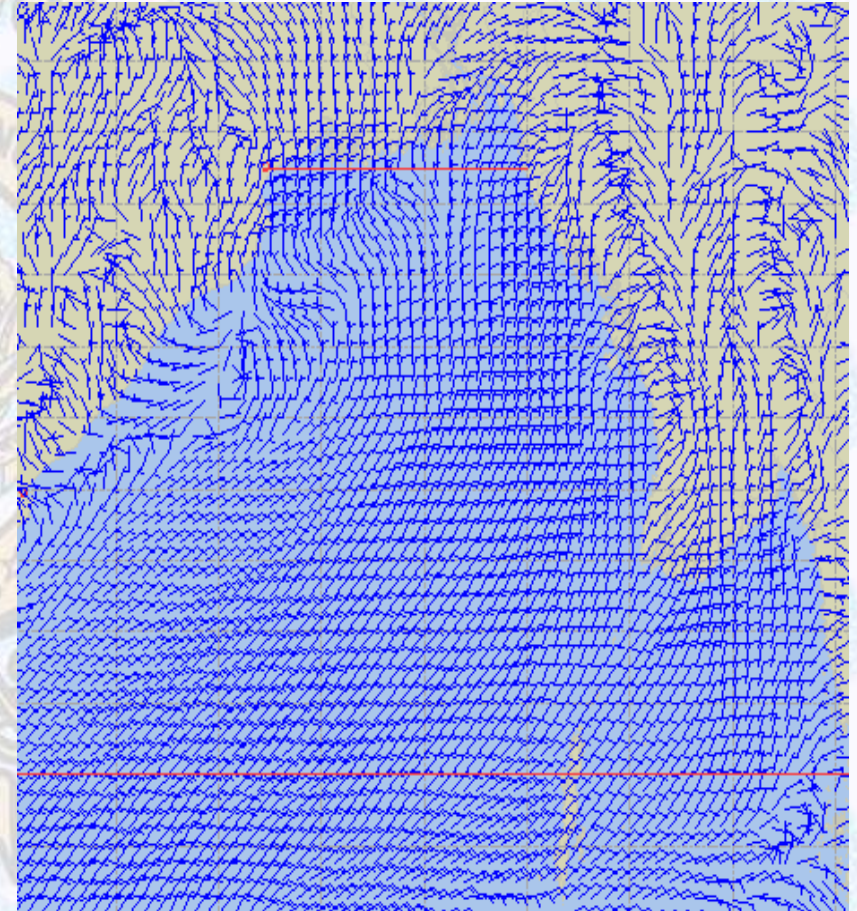
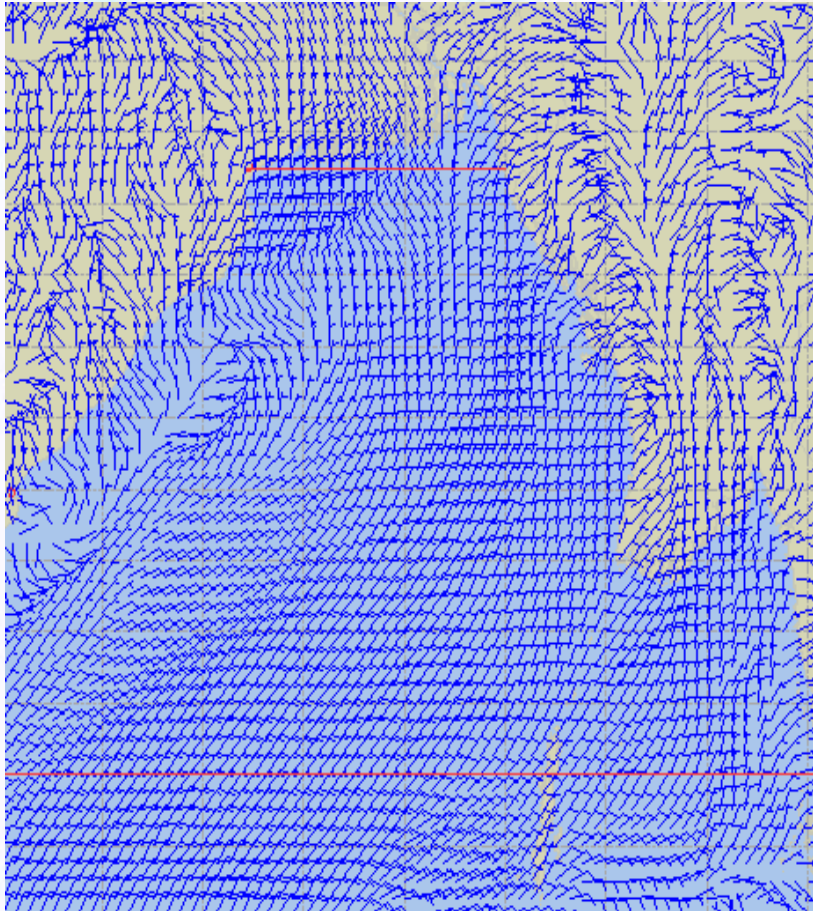
**60 Knots**



# Surface Wind Forecast – 23 & 24 Nov- 2020

23 Nov 20 Monday

24 Nov 20 Tuesday



**Legend:**



Calm  
Winds



5 Knots



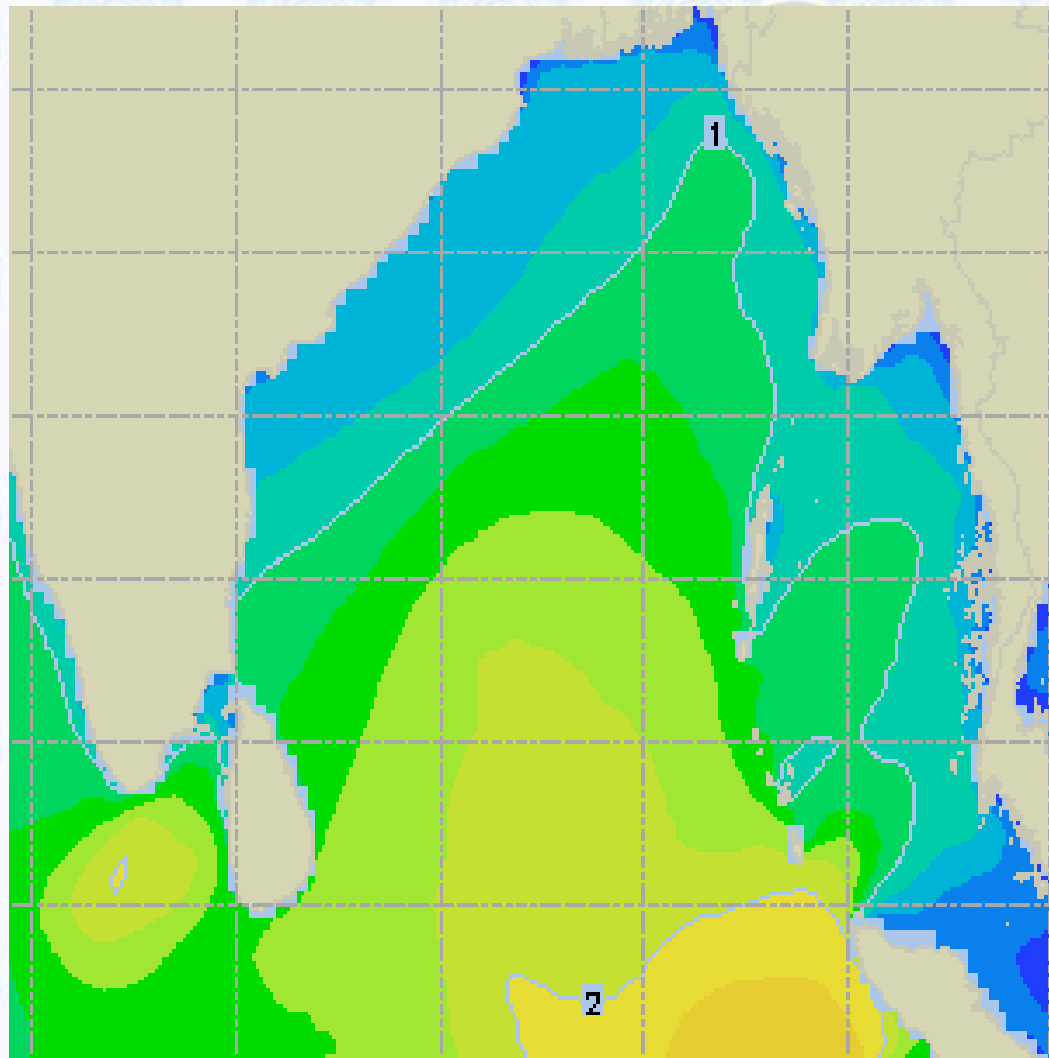
10 Knots



60 Knots



# Sea State Forecast – 22 Nov- 2020



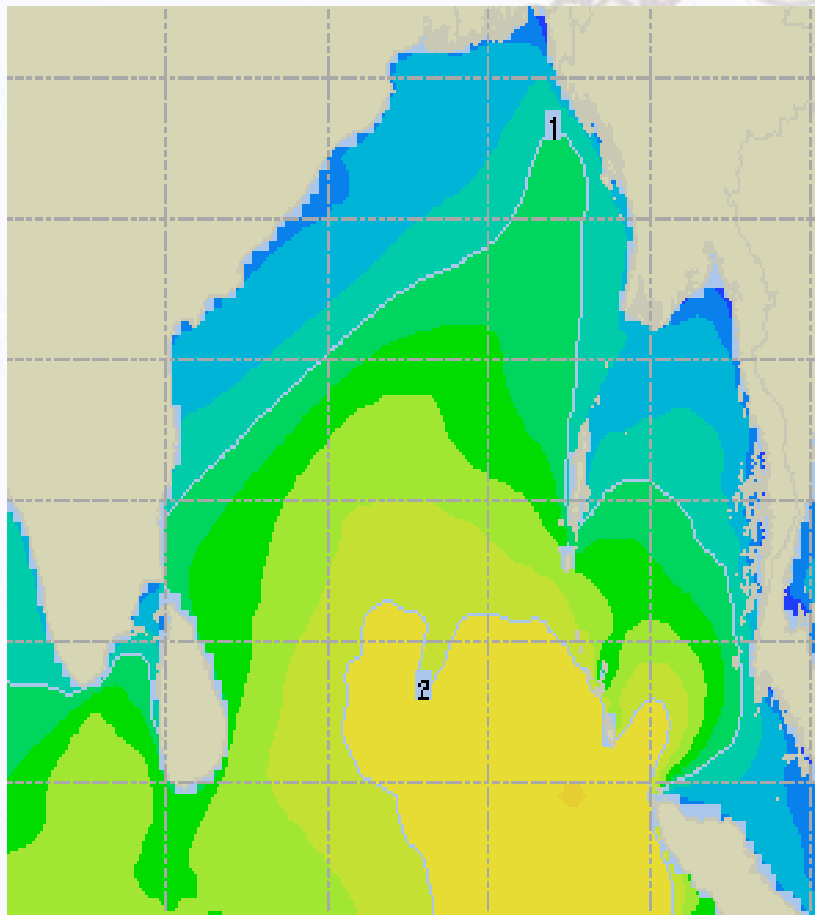
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



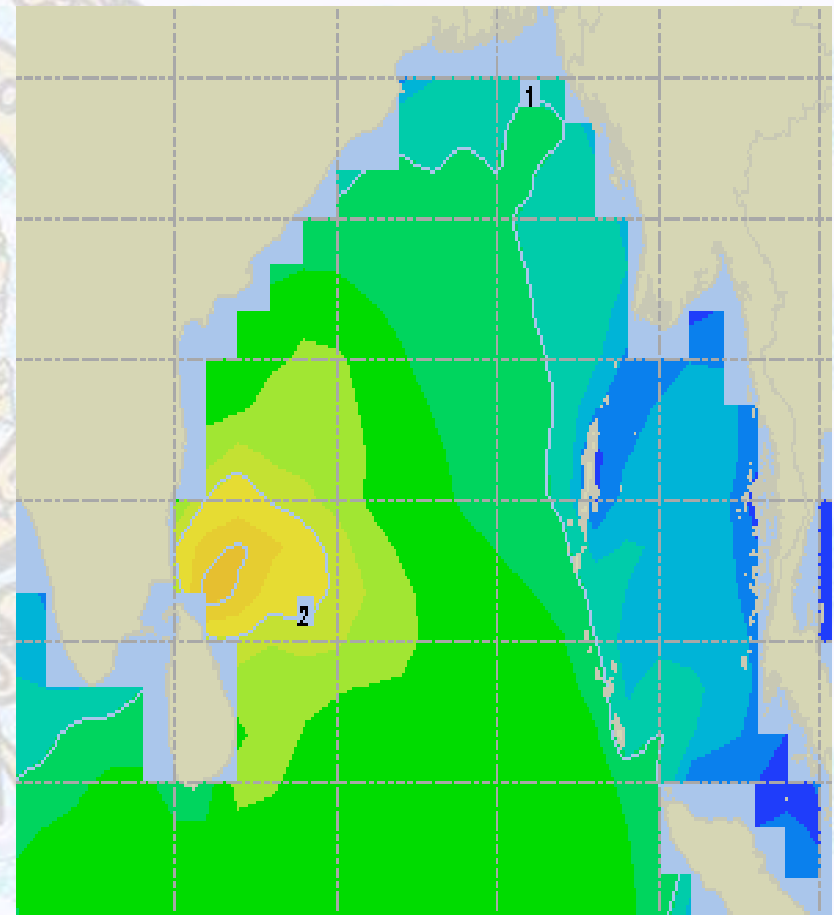


# Sea State Forecast – 23 & 24 Nov- 2020

23 Nov 20 Monday



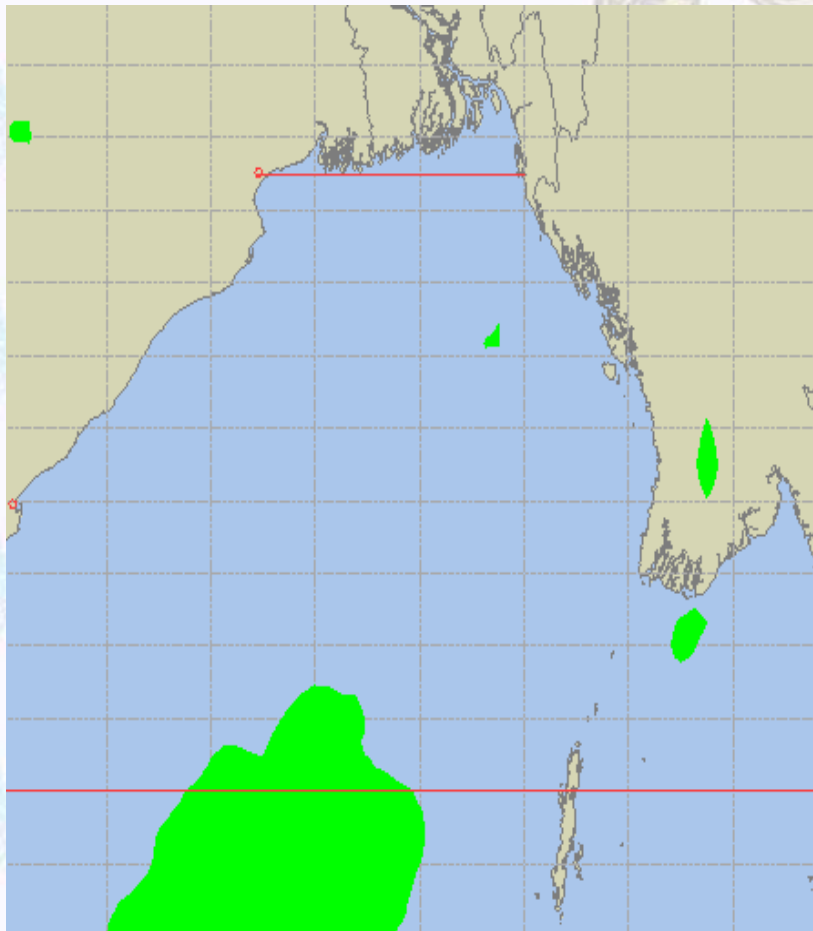
24 Nov 20 Tuesday



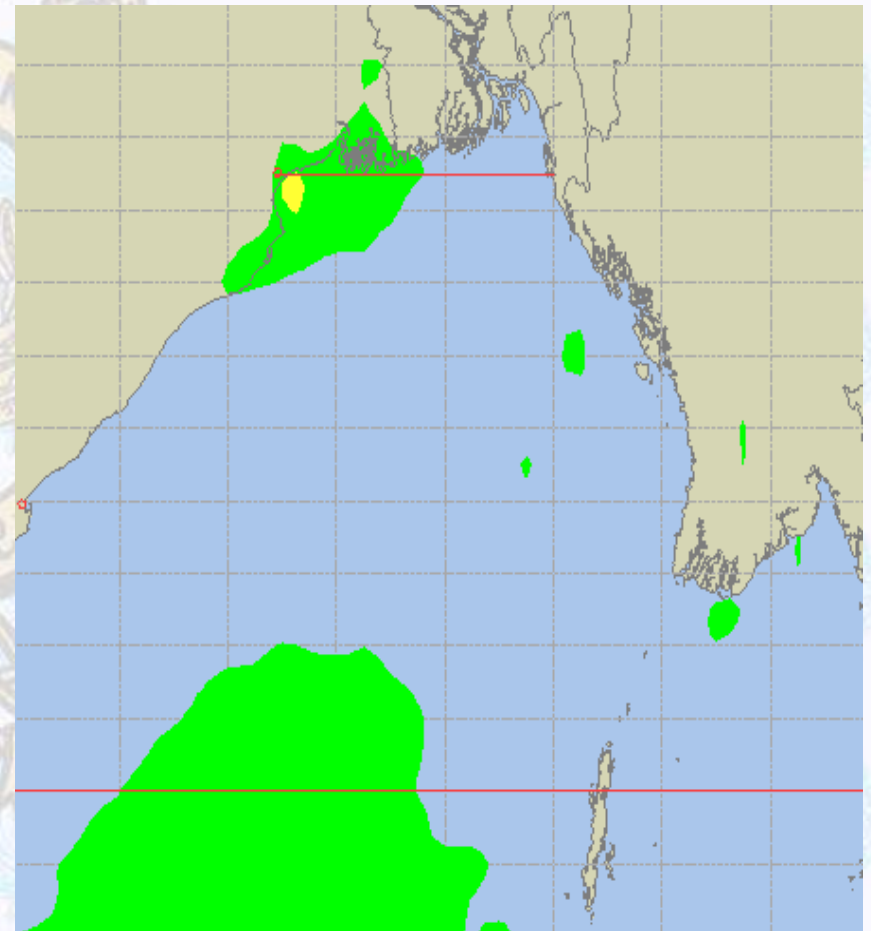


# Peak Gusting Possibilities— 22 & 23 Nov 2020

22 Nov 20 Sunday



23 Nov 20 Monday

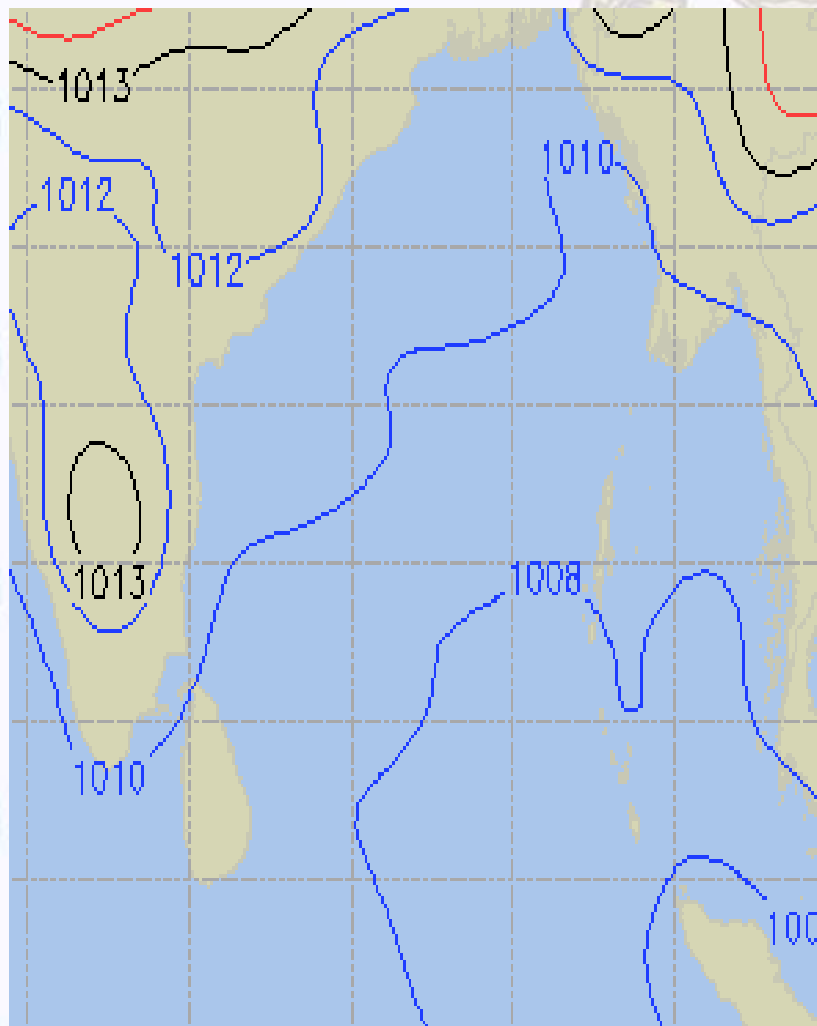




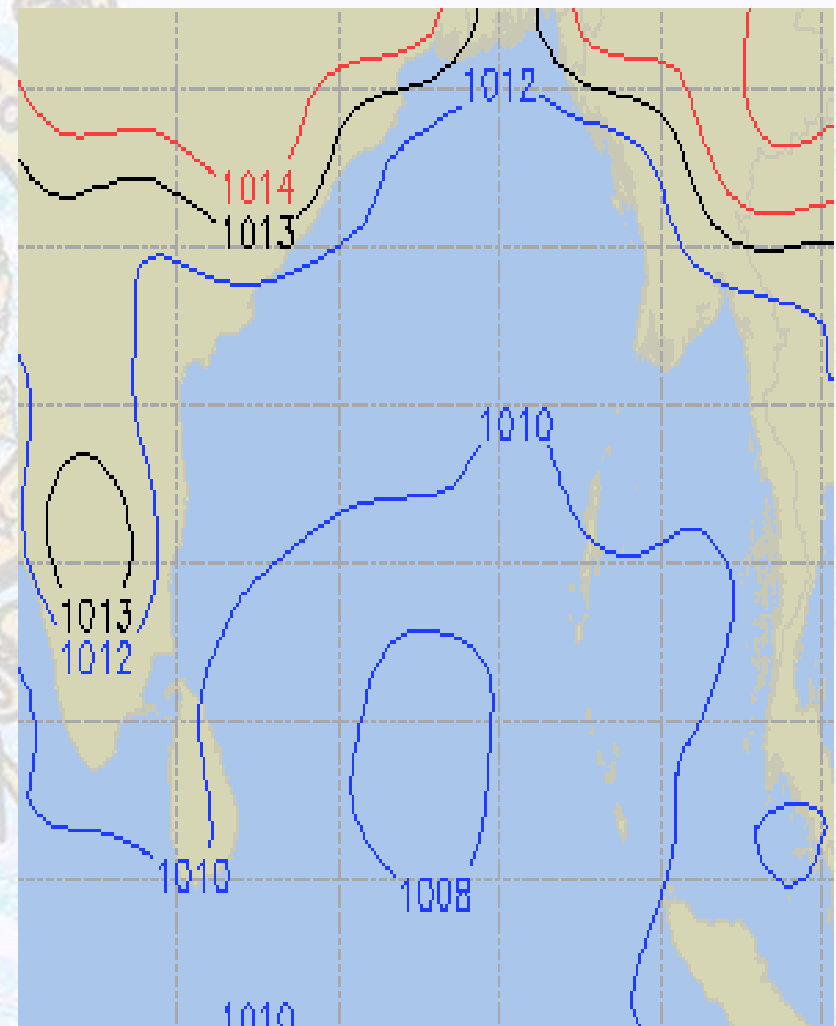


# Surface Pressure forecast– 22 & 23 Nov 2020

22 Nov 20 Sunday



23 Nov 20 Monday

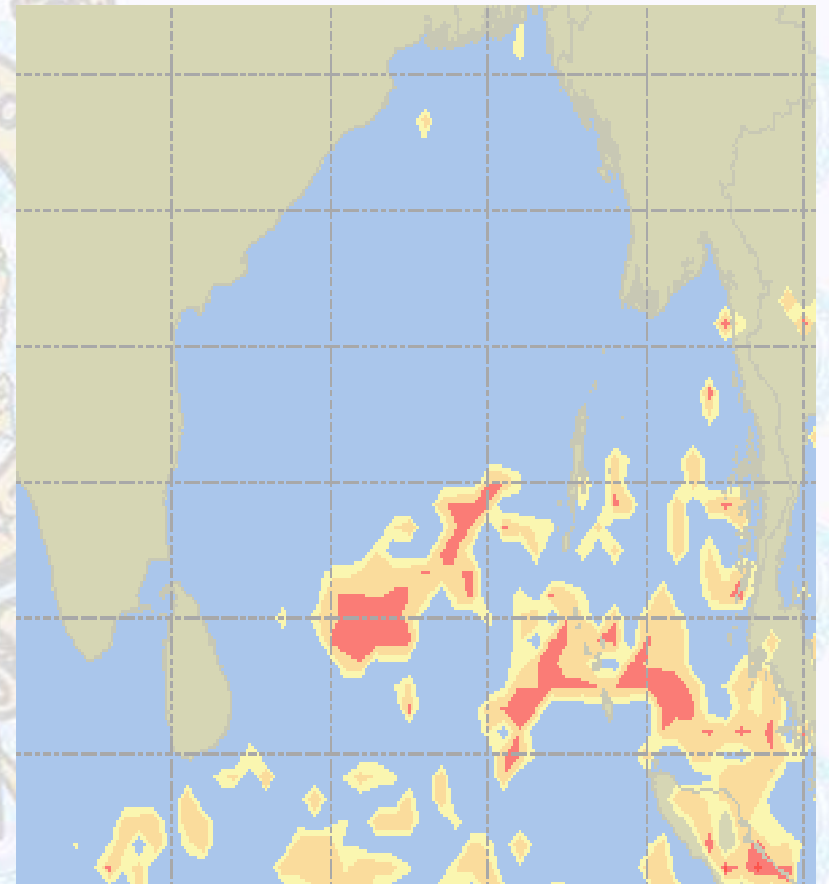
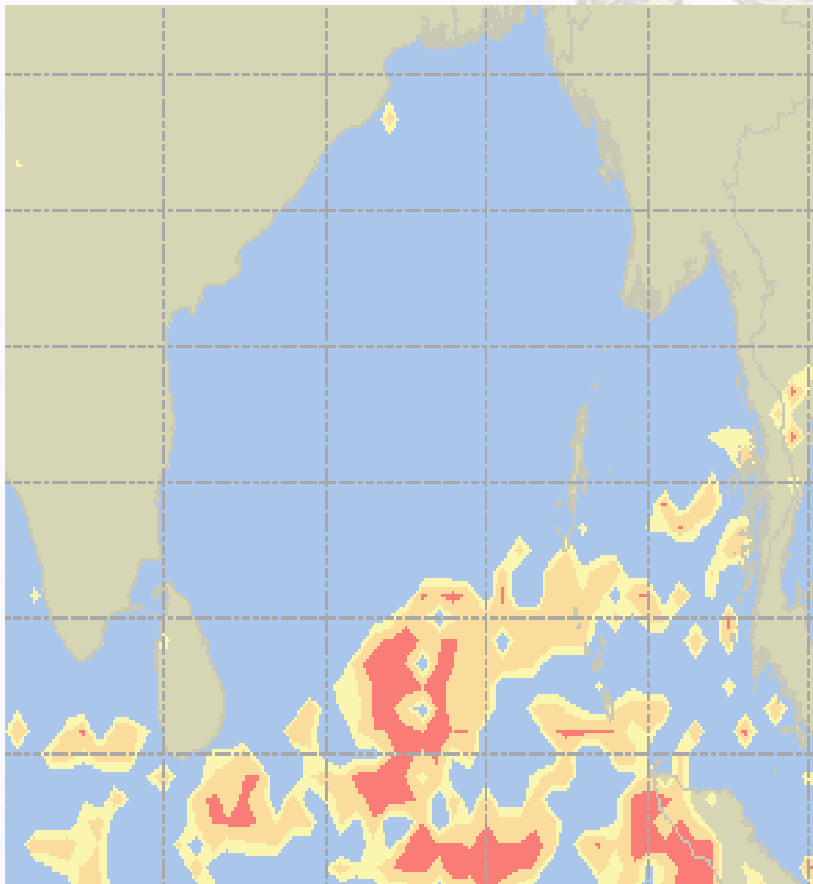




# Visibility at Sea Forecast – 22 & 23 Nov 2020

22 Nov 20 Sunday

23 Nov 20 Monday



**Visibility Scale:**



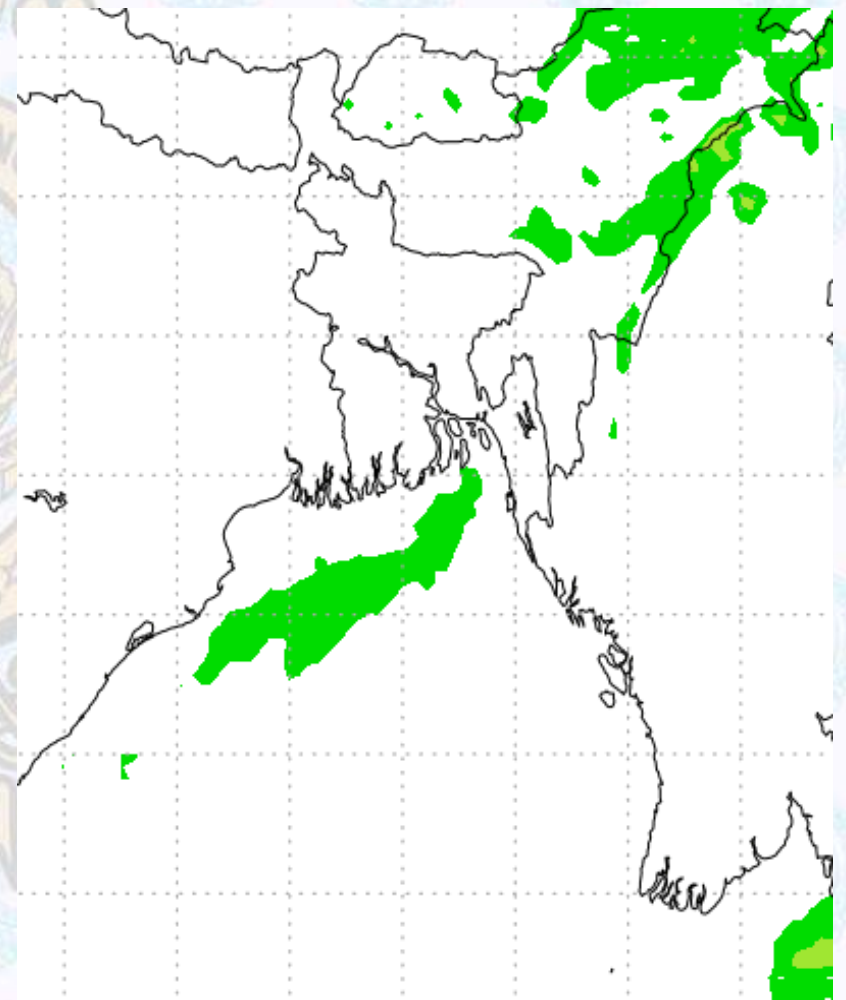
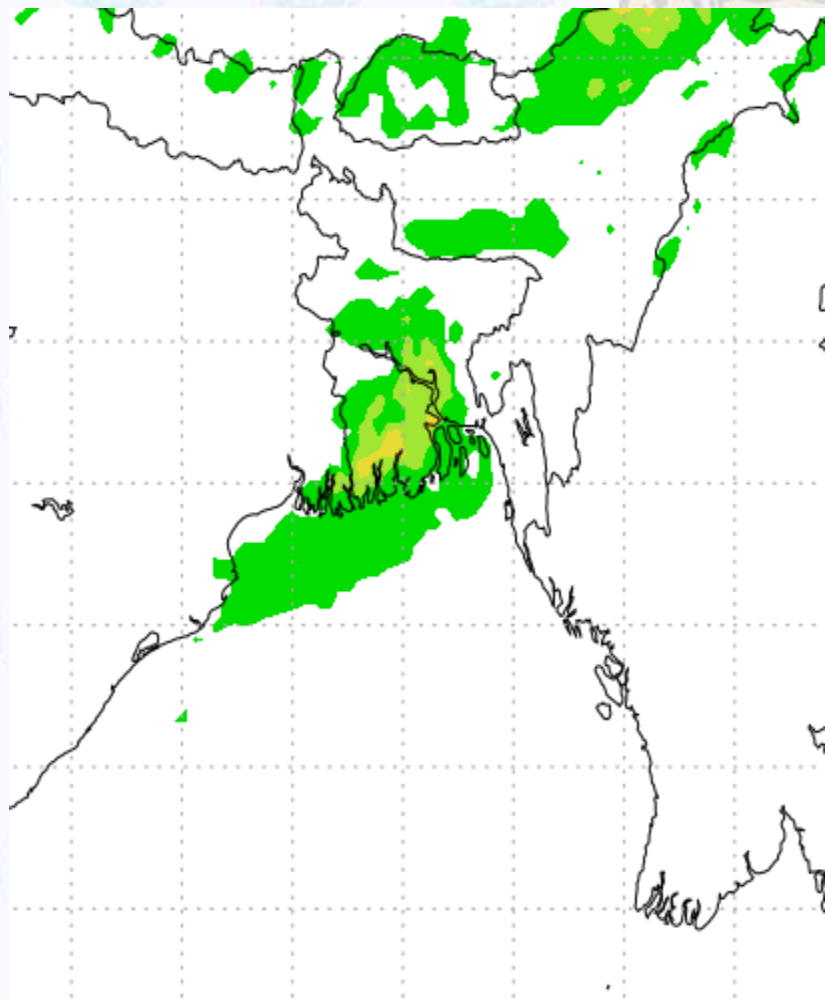
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 22 & 23 Nov 2020

Rain(mm) 23 & 24 Nov 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>22 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0607	3.95		0327	2.77		0326	2.61
	1300	1.05		1016	1.14		1020	1.26
	1911	3.66		1613	2.44		1625	2.31
	-	-		2246	1.26		2227	1.45
<b>23 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0124	1.50		0436	2.58		0444	2.50
	0728	3.75		1136	1.21		1134	1.26
	1413	1.08		1741	2.43		1758	2.34
	2035	3.72		-	-		2357	1.46
<b>24 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0249	1.44		0008	1.28		0607	2.46
	0848	3.70		0600	2.51		1240	1.19
	1519	1.01		1250	1.18		1910	2.47
	2142	3.91		1859	2.55		-	-