



# WEATHER FORECAST FOR BN

**19 - 22 NOV 2020**





# WEATHER FORECAST – DHAKA

## 19.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 18	29 / 17	26 / 19	25 / 20
Wind	5 km/h NW	6 km/h WNW	3 km/h SE	2 km/h SSE
Humidity	49%	48%	65%	72%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	13%	23%	15%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 16 AM			
Sunset	17: 11 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 3.22 km

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





# WEATHER FORECAST – CHATTOGRAM

## 19.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 17	29 / 19	26 / 20	24 / 20
Wind	9 km/h NW	9 km/h NW	9 km/h NW	7 km/h N
Humidity	48%	57%	72%	79%
Chance of Precip.	1%	1%	3%	24%
Cloud Cover	14%	6%	7%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 08 AM			
Sunset	17: 08 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 19.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 21	30 / 20	26 / 21	24 / 22
Wind	7 km/h NW	6 km/h WNW	3 km/h S	1 km/h S
Humidity	56%	56%	77%	88%
Chance of Precip.	3%	8%	4%	6%
Cloud Cover	14%	10%	7%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 18 AM 17: 16 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	20 Nov 2020	21 Nov 2020	22 Nov 2020
<b>Temperature (C)</b>	30 °C/ 22 °C	30 °C/ 21 °C	29 °C/ 17 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h16m54s/17h11m06s	6h17m36s/17h11m00s	6h18m18s/17h10m54s
<b>Day Length</b>	10h54m12s	10h53m24s	10h52m36s
<b>Moon Rise/ Set</b>	11:16 AM 10:16 PM	12:01 AM 11:14 PM	- -
<b>Moon Phase/ illu</b>	Waxing Crescent, 37%	Waxing Crescent, 47%	First Quarter, 1%
<b>Nautical Twilight</b>	05:24, 18:03	05:25, 18:02	05:25, 18:01
<b>Civil Twilight</b>	05:52, 17:35	05:53, 17:35	05:54, 17:35
<b>Humidity</b>	D : 64% N : 80%	D : 64% N : 74%	D : 52% N : 65%
<b>Barometer (mb)</b>	1012	1012	1013
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	20%	10%	1%
<b>Wind (mph)</b>	6 Km/h WSW	8 Km/h W	10 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Nov 2020	21 Nov 2020	22 Nov 2020
<b>Temperature (C)</b>	30 °C/ 21 °C	30 °C/ 20 °C	30 °C/ 19 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h08m36s/17h07m54s	6h09m12s/17h07m48s	6h09m48s/17h07m48s
<b>Day Length</b>	10h59m18s	10h58m36s	10h58m00s
<b>Moon Rise/ Set</b>	11:07 AM 10:13 PM	11:53 AM 11:10 PM	- -
<b>Moon Phase/ illu</b>	Waxing Crescent, 37%	Waxing Crescent, 47%	First Quarter, 1%
<b>Nautical Twilight</b>	05:17 17:59	05:17 17:59	05:18 17:58
<b>Civil Twilight</b>	05:44, 17:32	05:45, 17:31	05:46, 17:31
<b>Humidity</b>	D : 66% N : 86%	D : 68% N : 85%	D : 65% N : 76%
<b>Barometer (mb)</b>	1012	1012	1013
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	8 Km/h N	8 Km/h NNW	11 Km/h N

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





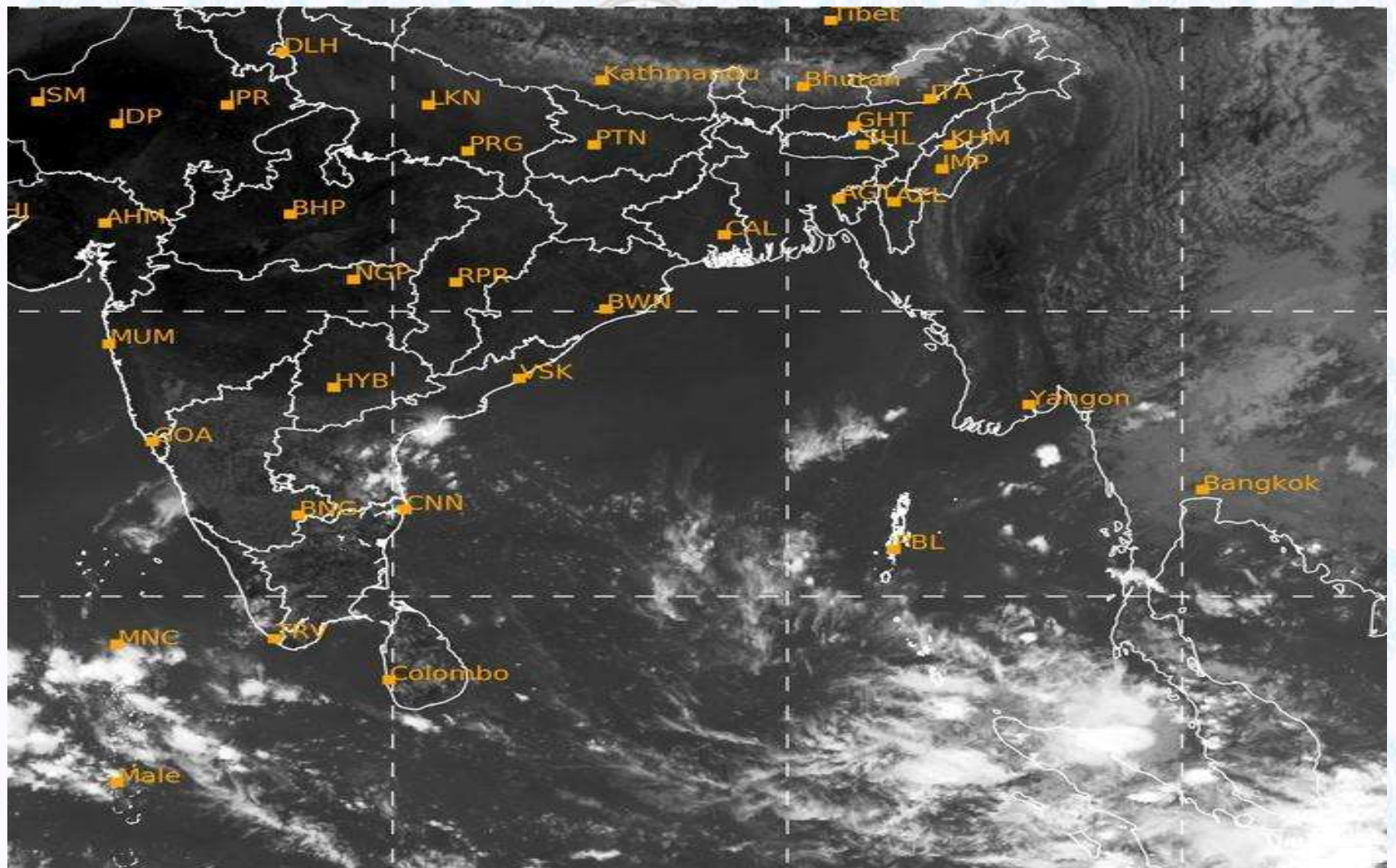
# GENERAL WEATHER FORECAST – KHULNA

Description	20 Nov 2020	21 Nov 2020	22 Nov 2020
<b>Temperature(C)</b>	31°C/ 22°C	31°C/ 21°C	29°C/ 17°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h18m36s/17h16m06s	6h19m12s/17h16m06s	6h19m54s/17h16m00s
<b>Day Length</b>	10h57m30s	10h56m54s	10h56m06s
<b>Moon Rise/Set</b>	11:17 AM 10:21 PM	12:03 AM 11:19 PM	- -
<b>Moon Phase/illu</b>	Waxing Crescent, 37%	Waxing Crescent, 47%	First Quarter, 1%
<b>Nautical Twilight</b>	05:27, 18:07	05:27, 18:07	05:28, 18:06
<b>Civil Twilight</b>	05:54, 17:40	05:55, 17:40	05:55, 17:39
<b>Humidity</b>	D : 70% N : 88%	D : 71% N : 84%	D : 60% N : 74%
<b>Barometer (mb)</b>	1012	1012	1013
<b>Visibility</b>	Good/ Moderate	Good/ Moderate	Good/ Moderate
<b>Precip Chance</b>	20%	20%	1%
<b>Wind (mph)</b>	6 km/h W	9 km/h NW	11 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



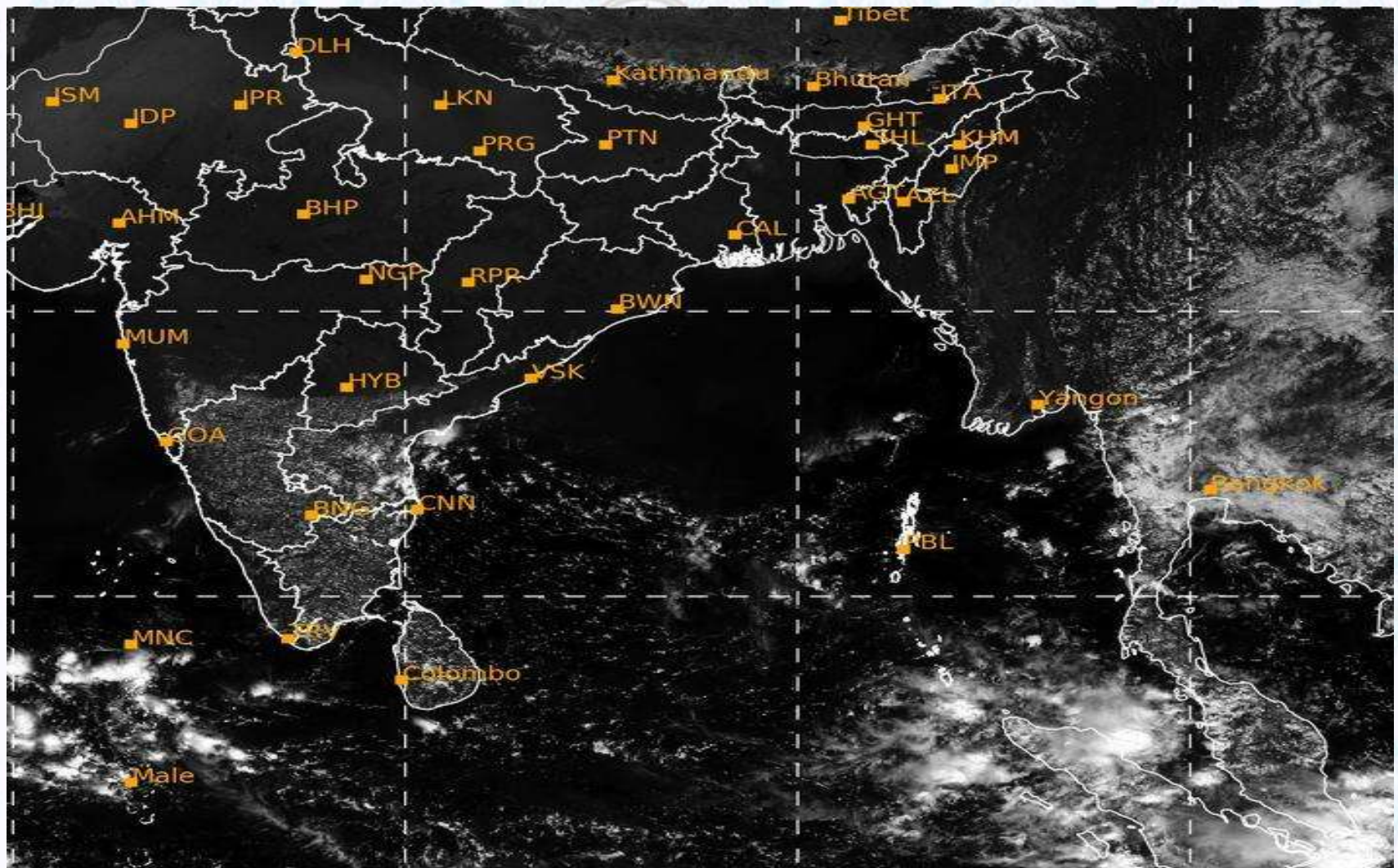
19/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/11/2020, 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 19.11.2020)

<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 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 = 19,0000 UTC. CHATTOGRAM =1013 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 19.11.2020)

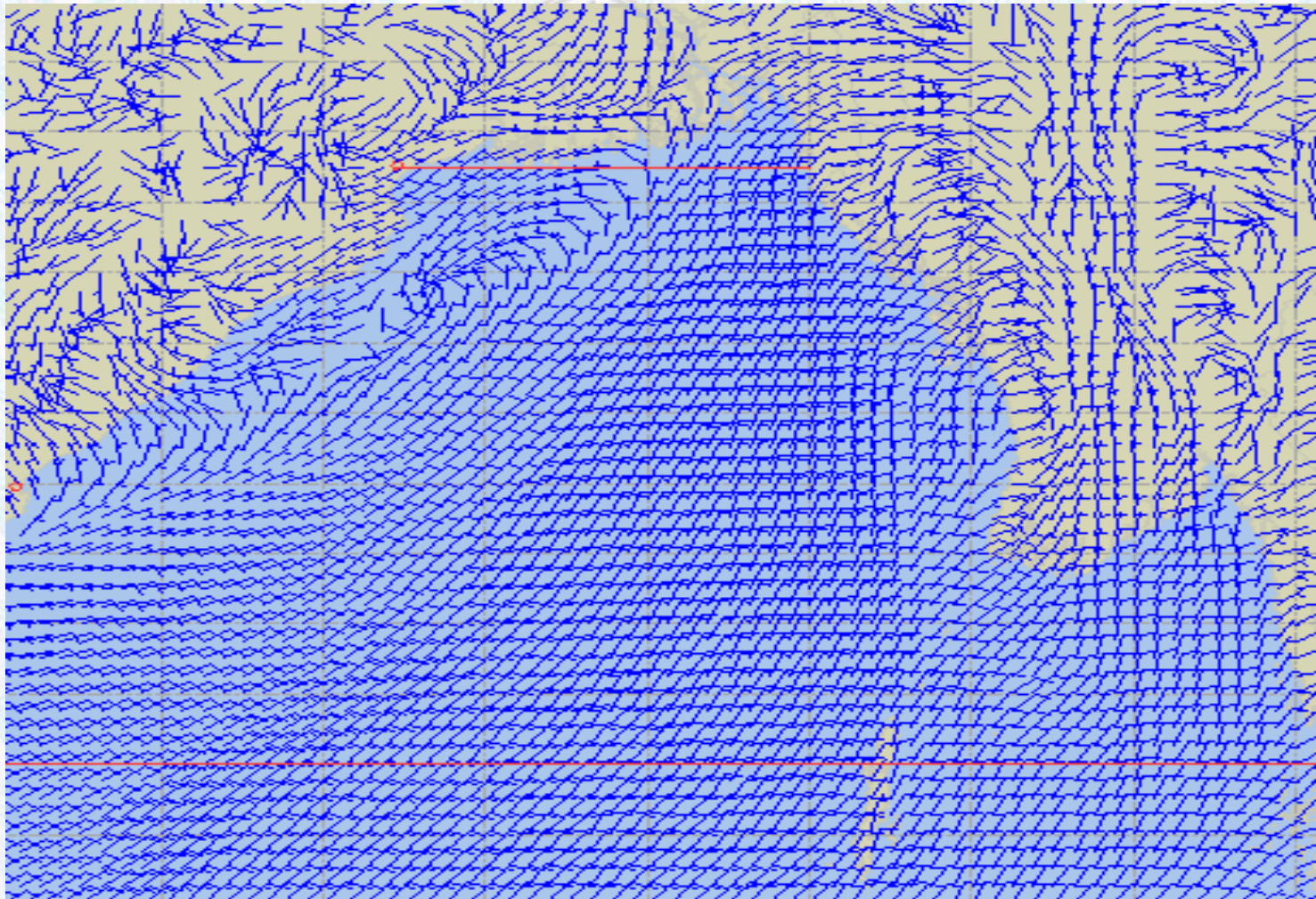
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 20 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

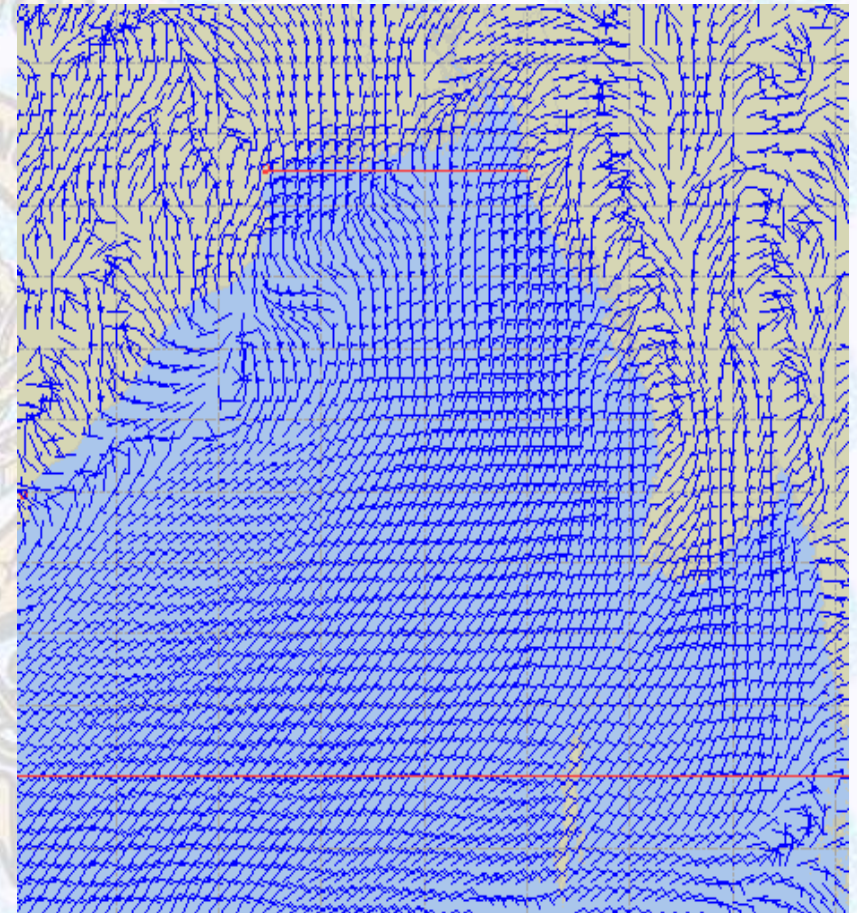
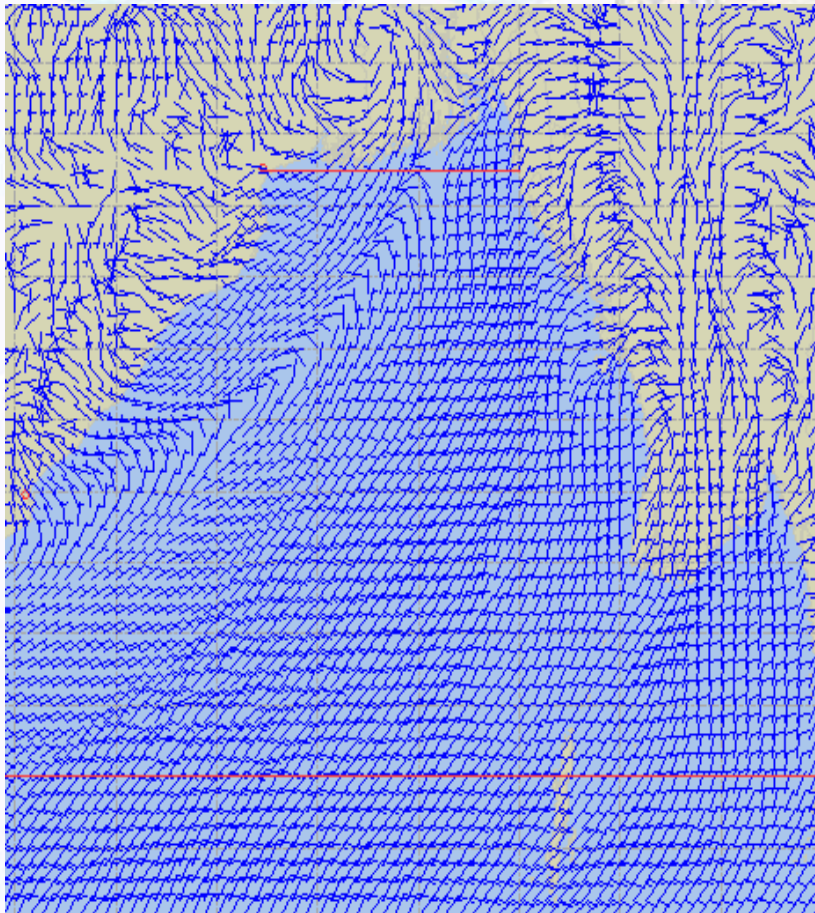




# Surface Wind Forecast – 21 & 22 Nov- 2020

21 Nov 20 Saturday

22 Nov 20 Sunday



**Legend:**



Calm  
Winds



5 Knots



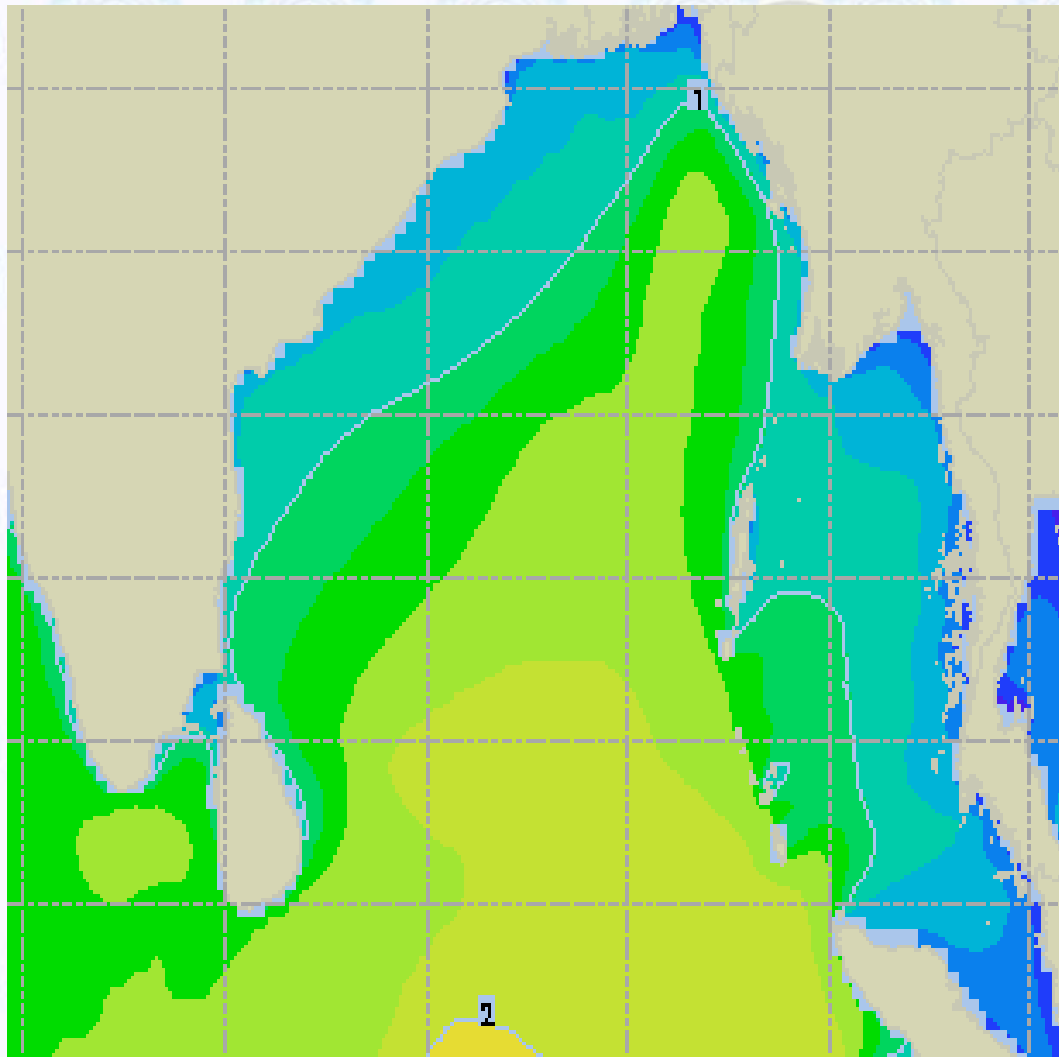
10 Knots



60 Knots



# Sea State Forecast – 20 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



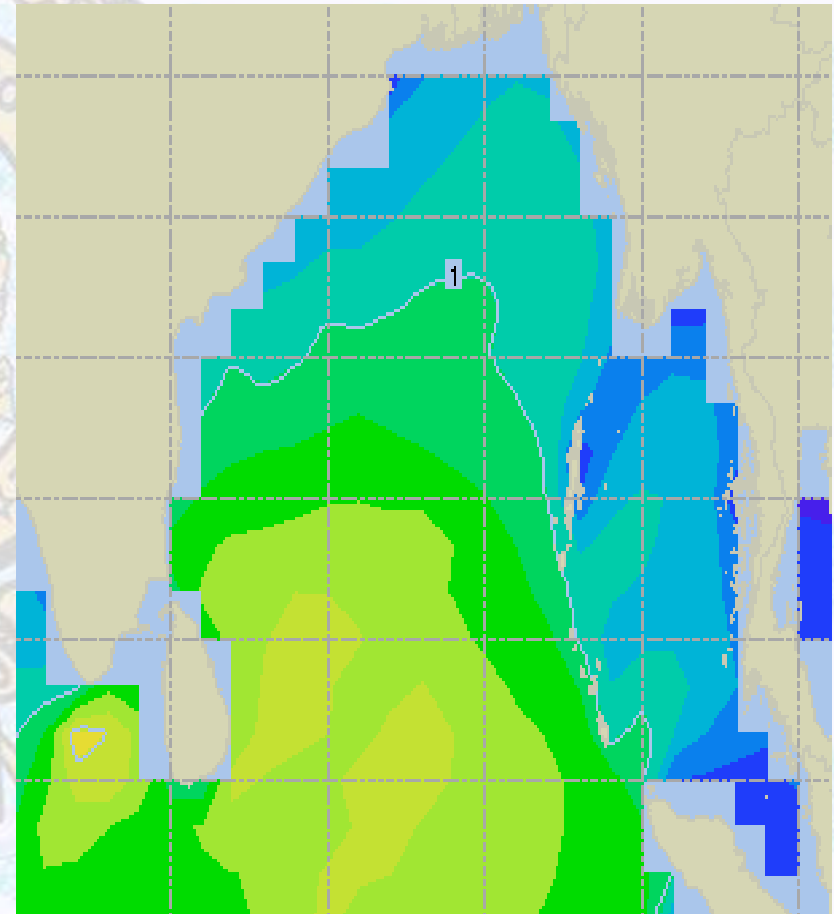
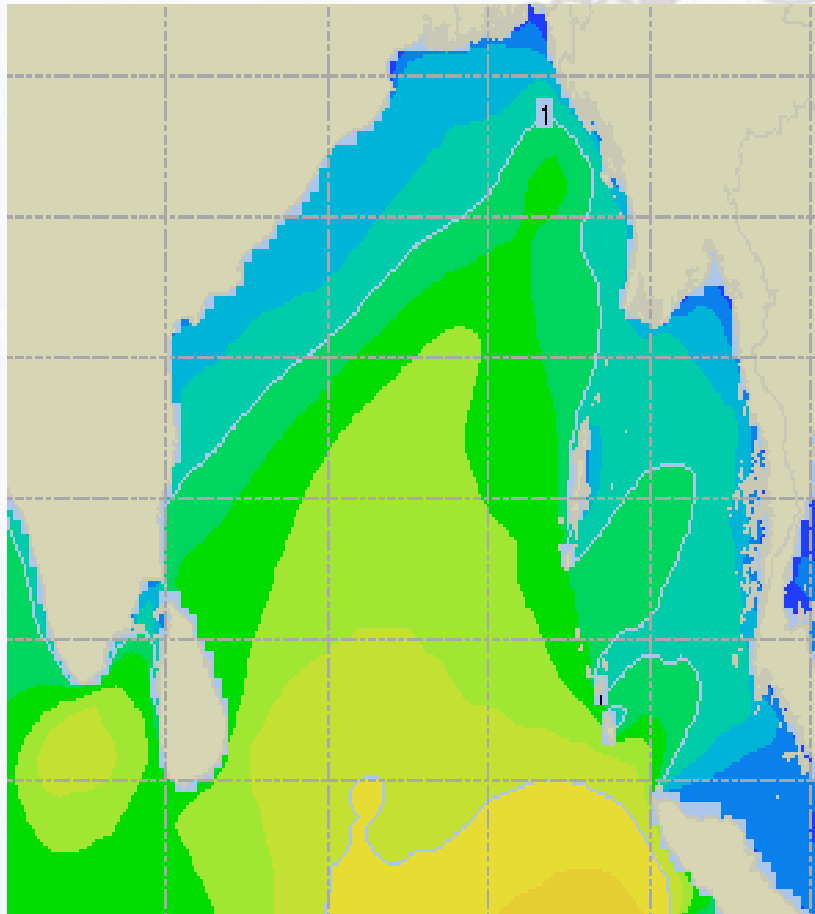




# Sea State Forecast – 21 & 22 Nov- 2020

21 Nov 20 Saturday

22 Nov 20 Sunday

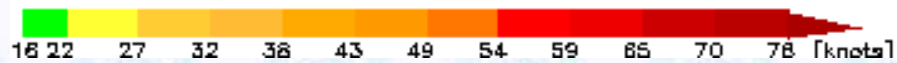
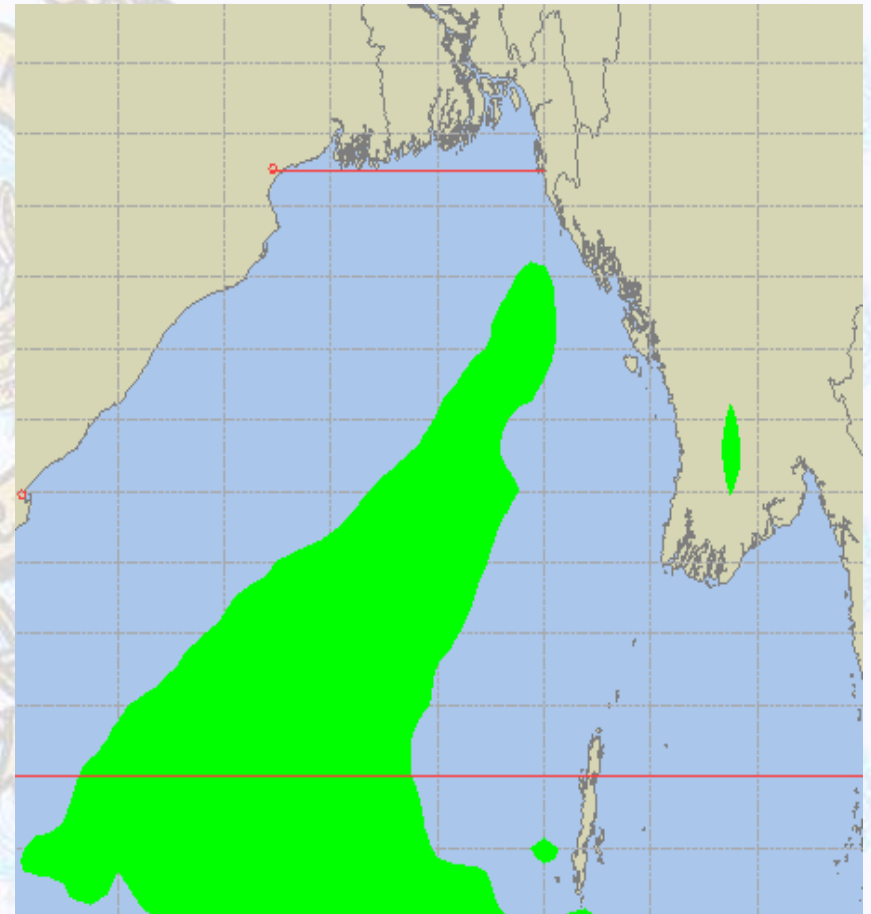
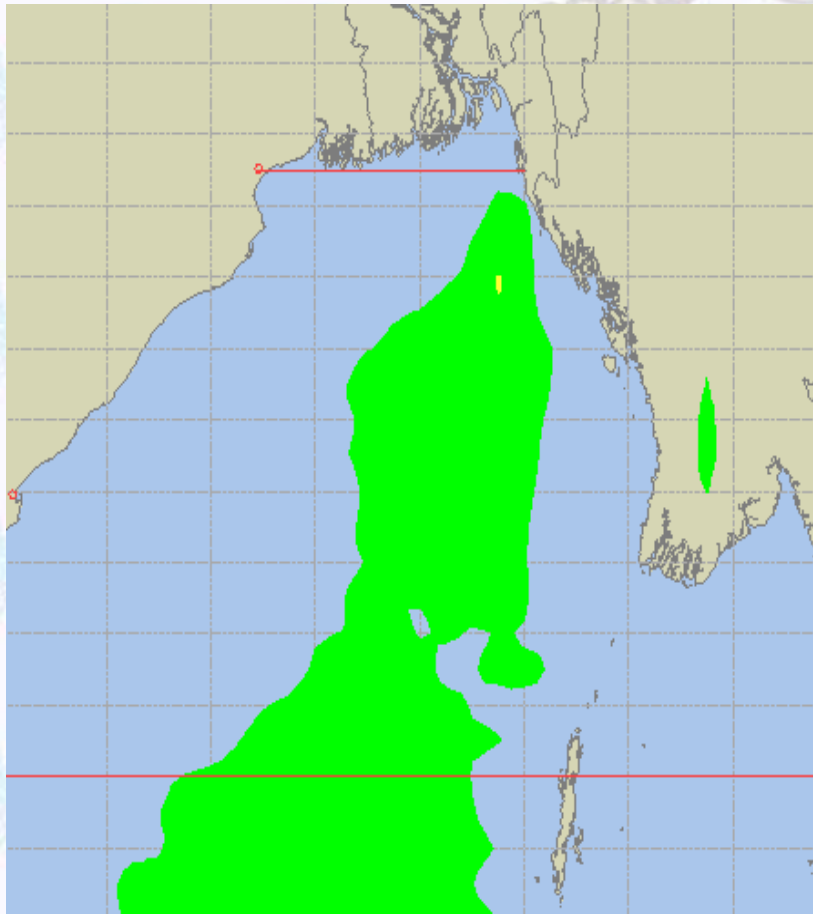




# Peak Gusting Possibilities— 20 & 21 Nov 2020

20 Nov 20 Friday

21 Nov 20 Saturday

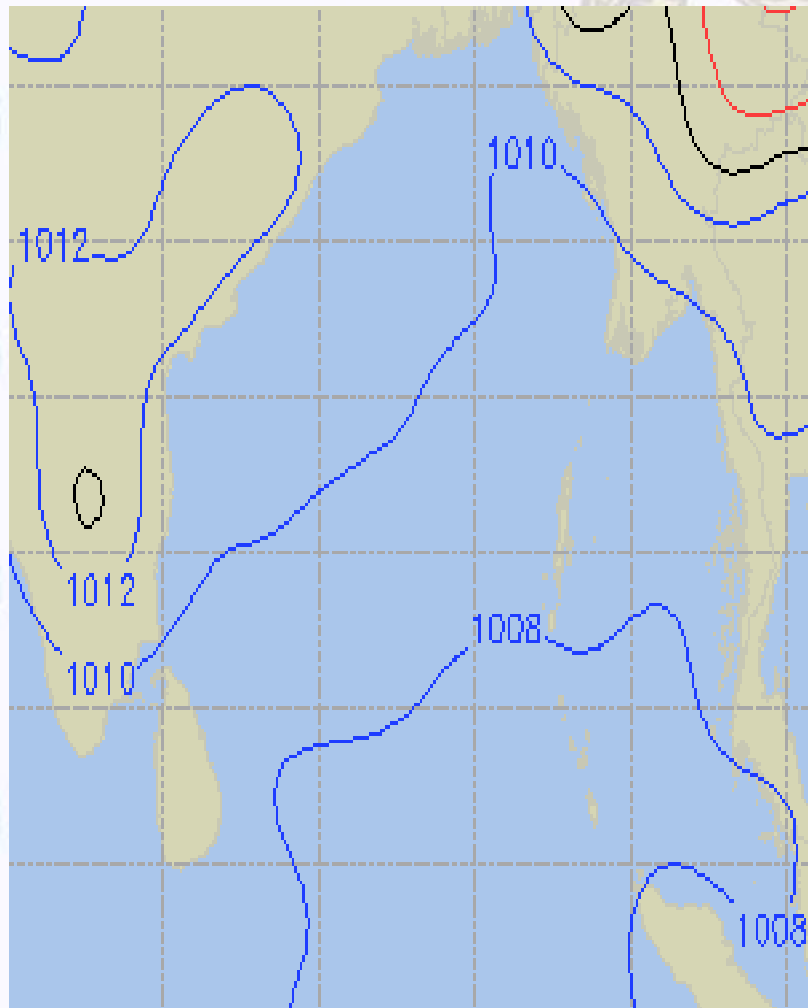




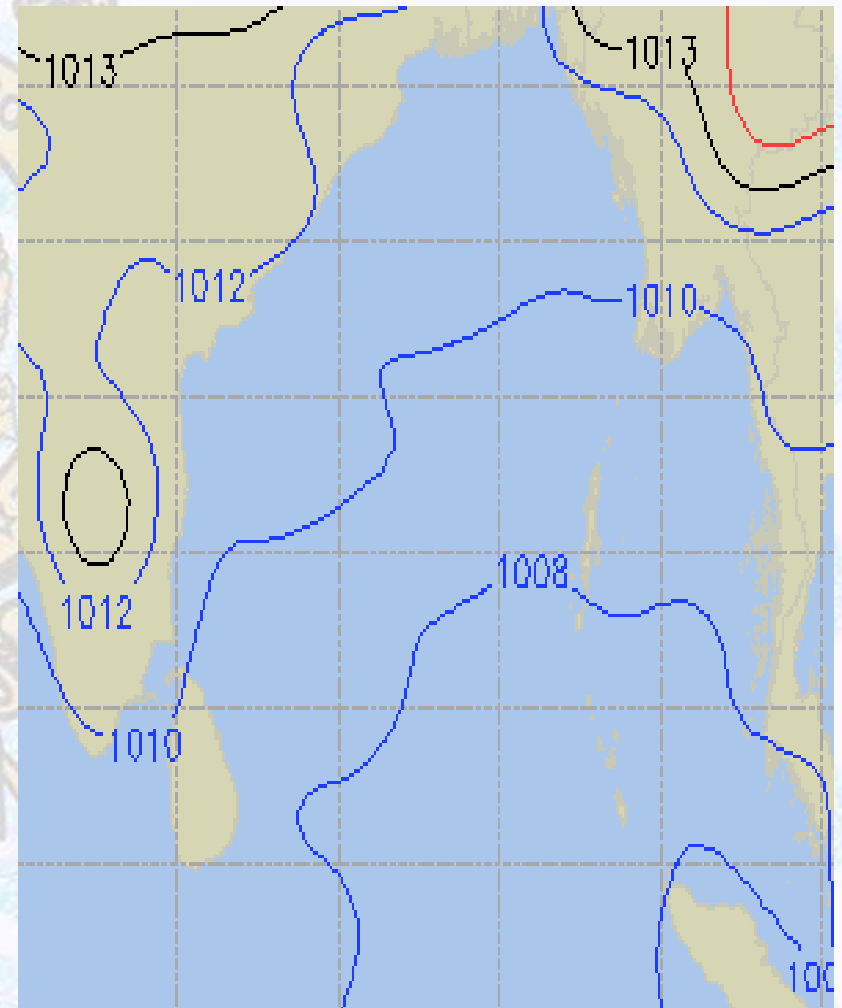


# Surface Pressure forecast– 20 & 21 Nov 2020

20 Nov 20 Friday



21 Nov 20 Saturday

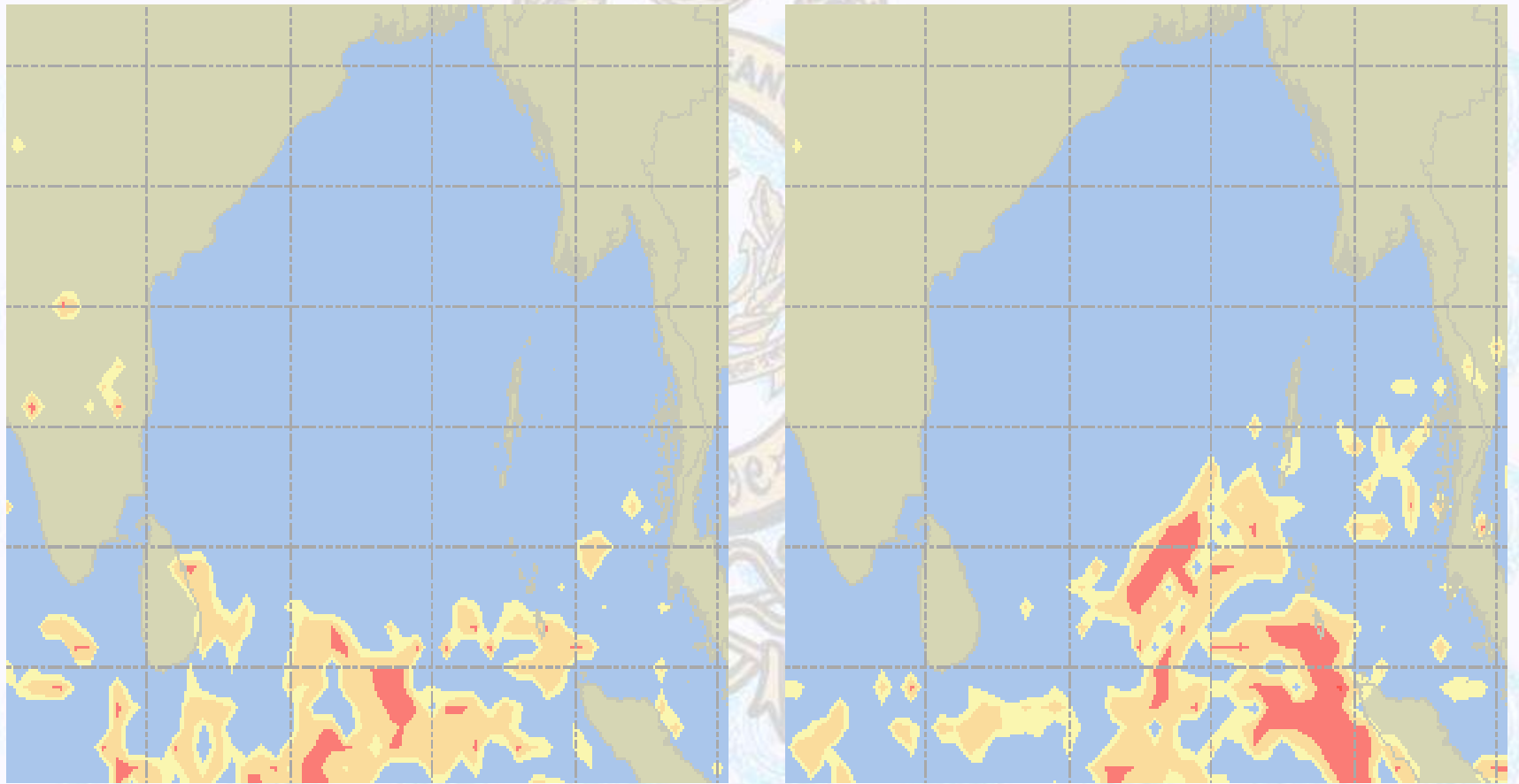




# Visibility at Sea Forecast – 20 & 21 Nov 2020

20 Nov 20 Friday

21 Nov 20 Saturday



**Visibility Scale:**



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

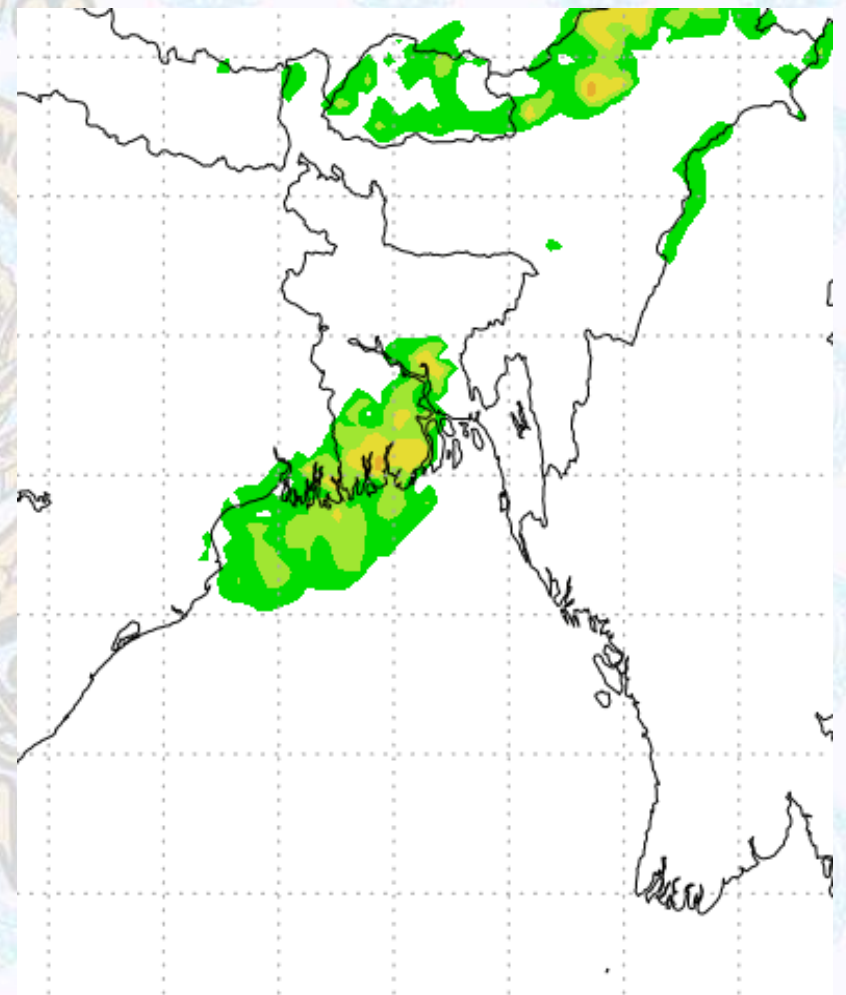
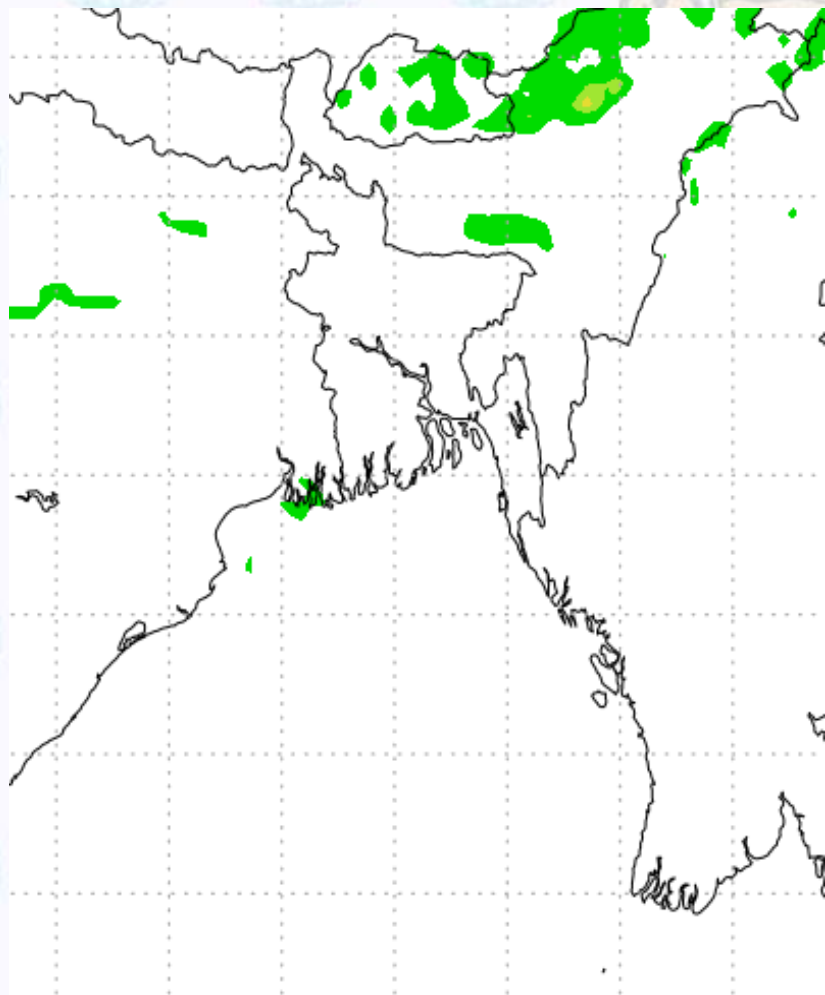




# Precipitation

Rain(mm) 20 & 21 Nov 2020

Rain(mm) 21 & 22 Nov 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0401		4.53			0142	3.28
<b>20 Nov 2020</b>	1049	0.75		0824	0.85		0814	1.05
	1641	3.98		1408	2.77		1404	2.51
	2252	1.09		2038	0.97		2007	1.15
<b>21 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0458	4.23		0231	3.02		0225	2.77
	1149	0.93		0913	1.01		0912	1.18
	1749	3.76		1504	2.58		1505	2.38
	2359	1.36		2134	1.14		2107	1.34
<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