



# **WEATHER FORECAST FOR BN**

**26 - 29 NOV 2020**



# WEATHER FORECAST – DHAKA

## 26.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	27 / 17	24 / 18	23 / 17
Wind	8 km/h NNE	7 km/h NNE	3 km/h NNW	2 km/h N
Humidity	49%	54%	67%	71%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	86%	93%	93%	92%
Conditions	Partly Cloudy	Partly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	06: 21 AM 17: 10 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 2.25 km

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





# WEATHER FORECAST – CHATTOGRAM

## 26.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 20	28 / 20	23 / 20	21 / 19
Wind	7 km/h NW	6 km/h NW	5 km/h NNW	3 km/h NNE
Humidity	60%	64%	83%	87%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	52%	63%	47%	26%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	06: 12 AM			
Sunset	17: 07 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 4.02 Km

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



# WEATHER FORECAST – KHULNA

## 26.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	27 / 17	23 / 17	21 / 17
Wind	8 km/h N	7 km/h NNE	3 km/h N	3 km/h NNW
Humidity	50%	56%	72%	78%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	91%	90%	94%	94%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	06: 22 AM 14: 48 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 08.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	27 Nov 2020	28 Nov 2020	29 Nov 2020
<b>Temperature (C)</b>	29 °C/ 20 °C	29 °C/ 18 °C	30 °C/ 18 °C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h21m54s/17h10m24s	6h22m36s/17h10m18s	6h23m12s/17h10m30s
<b>Day Length</b>	10h48m30s	10h47m42s	10h47m18s
<b>Moon Rise/ Set</b>	3:24PM 3:30AM	3:53PM 4:13AM	4:33PM 5:12AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 90%	Waxing Gibbous, 95%	Waxing Gibbous, 98%
<b>Nautical Twilight</b>	05:28, 18:02	05:29, 18:02	05:30, 18:02
<b>Civil Twilight</b>	05:56, 17:35	05:57, 17:35	05:58, 17:35
<b>Humidity</b>	D : 63%    N : 77%	D : 60%    N : 75%	D : 61%    N : 78%
<b>Barometer (mb)</b>	1015	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	9 Km/h NNW	8 Km/h NNW	8 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Nov 2020	28 Nov 2020	29 Nov 2020
<b>Temperature (C)</b>	29° C/ 19° C	28° C/ 19° C	30° C/ 19° C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	6h13m18s/17h07m30s	6h14m00s/17h07m24s	6h14m36s/17h07m36s
<b>Day Length</b>	10h54m12s	10h53m24s	10h53m00s
<b>Moon Rise/ Set</b>	3:24PM 3:30AM	3:53PM 4:13AM	4:30PM 5:04AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 90%	Waxing Gibbous, 95%	Waxing Gibbous, 98%
<b>NauticalTwilight</b>	05:20 17:59	05:21 17:59	05:22 17:59
<b>Civil Twilight</b>	05:48, 17:31	05:49, 17:31	05:50, 17:31
<b>Humidity</b>	D : 73% N : 88%	D : 74% N : 90%	D : 73% N : 89%
<b>Barometer (mb)</b>	1015	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	7 Km/h NNW	6 Km/h NNW	7 Km/h NNW

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





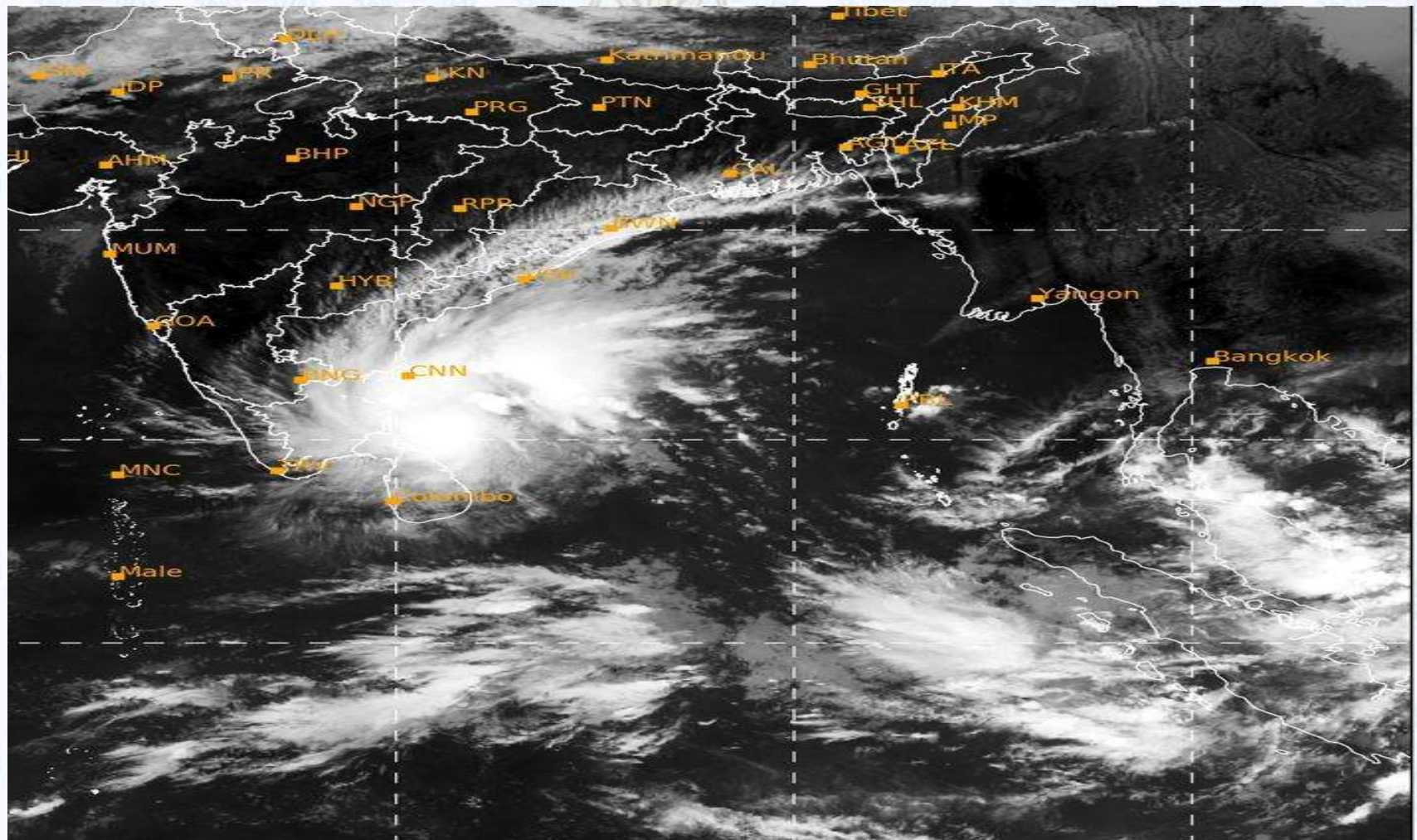
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Nov 2020	28 Nov 2020	29 Nov 2020
<b>Temperature(C)</b>	28°C/ 19°C	29°C/ 18°C	30°C/ 17°C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h23m30s/17h15m42s	6h24m12s/17h15m36s	6h24m42s/17h15m48s
<b>Day Length</b>	10h52m12s	10h51m24s	10h51m06s
<b>Moon Rise/Set</b>	3:24PM 3:30AM	3:53PM 4:13AM	4:38PM 5:14AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 90%	Waxing Gibbous, 95%	Waxing Gibbous, 95%
<b>Nautical Twilight</b>	05:30, 18:07	05:31, 18:07	05:32, 18:07
<b>Civil Twilight</b>	05:58, 17:40	05:59, 17:40	06:00, 17:40
<b>Humidity</b>	D : 65%    N : 75%	D : 58%    N : 73%	D : 59%    N : 76%
<b>Barometer (mb)</b>	1015	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	12 km/h NNW	12 km/h NNW	12 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



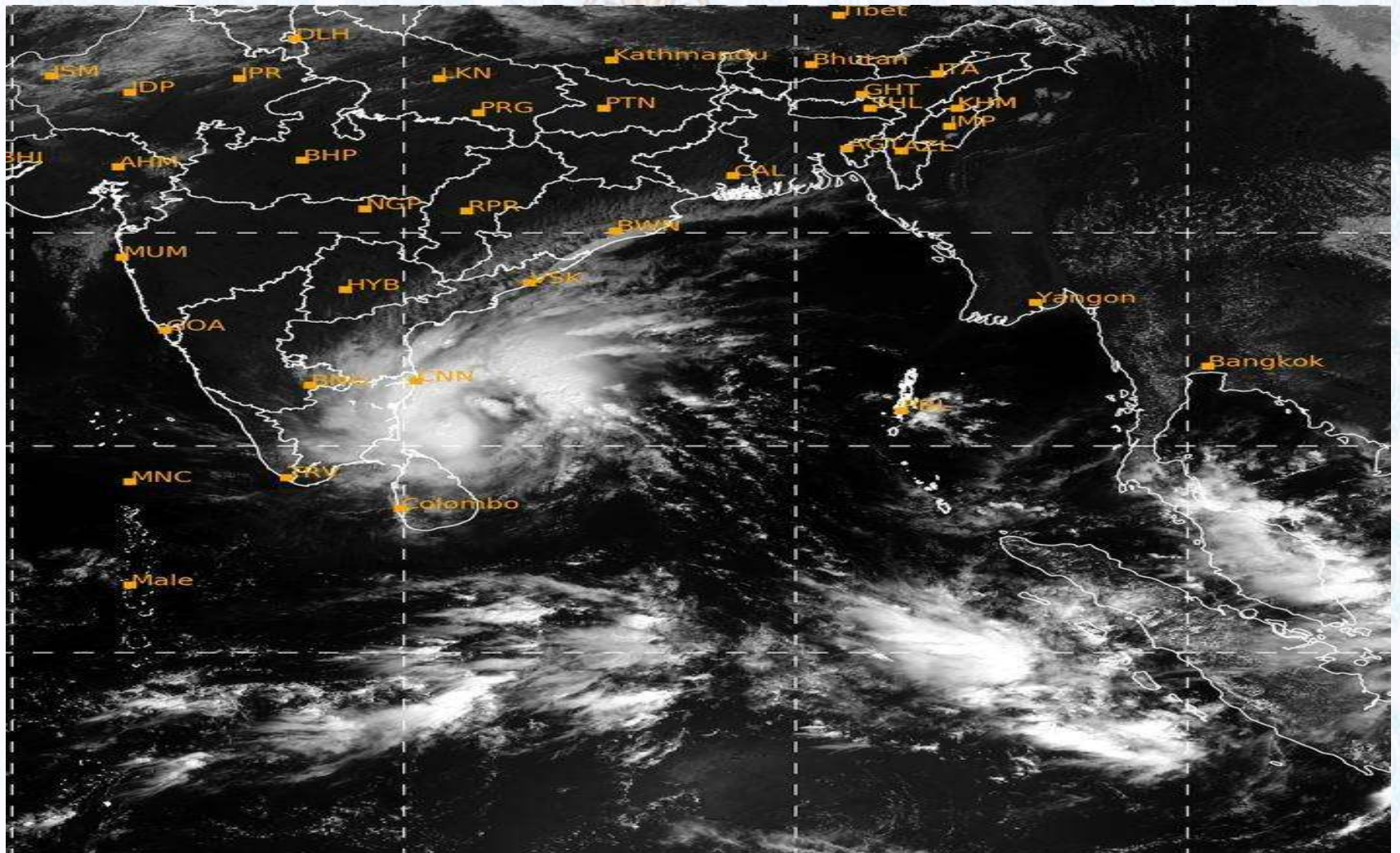
26/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/11/2020, 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 26.11.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	THE VERY SEVERE CYCLONIC STORM " <b>NIVAR</b> " (ECP: 980 HPA) OVER SOUTHWEST BAY AND ADJOINING AREA MOVED WEST-NORTHWESTWARDS CROSSED TAMILNADU-PUDUCHERRY COAST (NEAR PUDUCHERRY) AT ABOUT 25, 2100 UTC AND LAY OVER COASTAL TAMILNADU AT 26, 0000 UTC WITHIN HALF A DEGREE OF LAT 12.1°N AND LONG 79.9°E (R) LAT 12.1°N AND LONG 79.9°E AS A SEVERE CYCLONIC STORM. IT IS LIKELY TO MOVE IN A NORTHWESTERLY DIRECTION FURTHER AND WEAKEN GRADUALLY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	<b>NORTH/NORTH-EASTERLY</b> 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS REDUCING TO <b>1500</b> M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 26,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 26.11.2020)

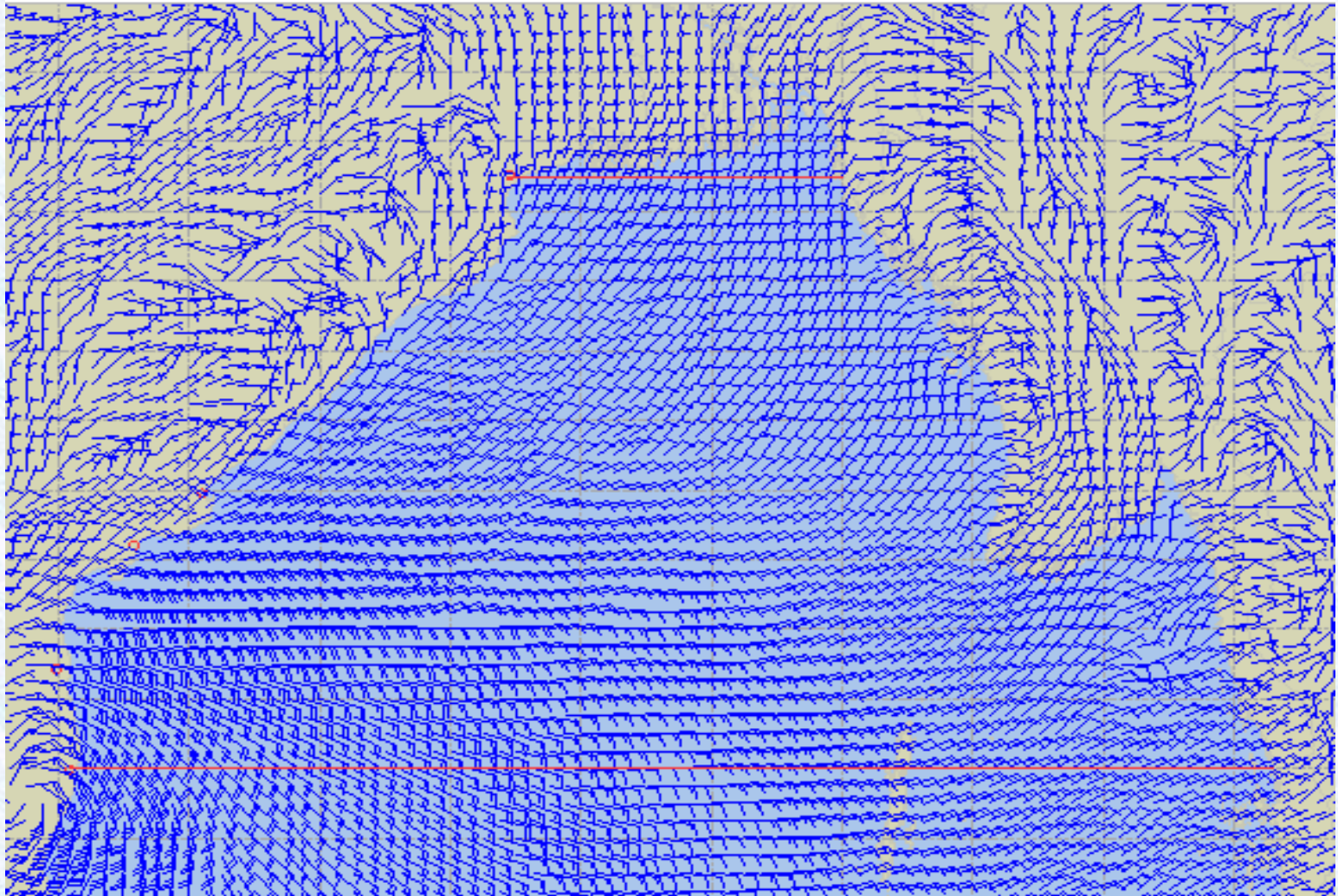
THERE IS NO INLAND RIVERPORT WARNING & NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 27 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

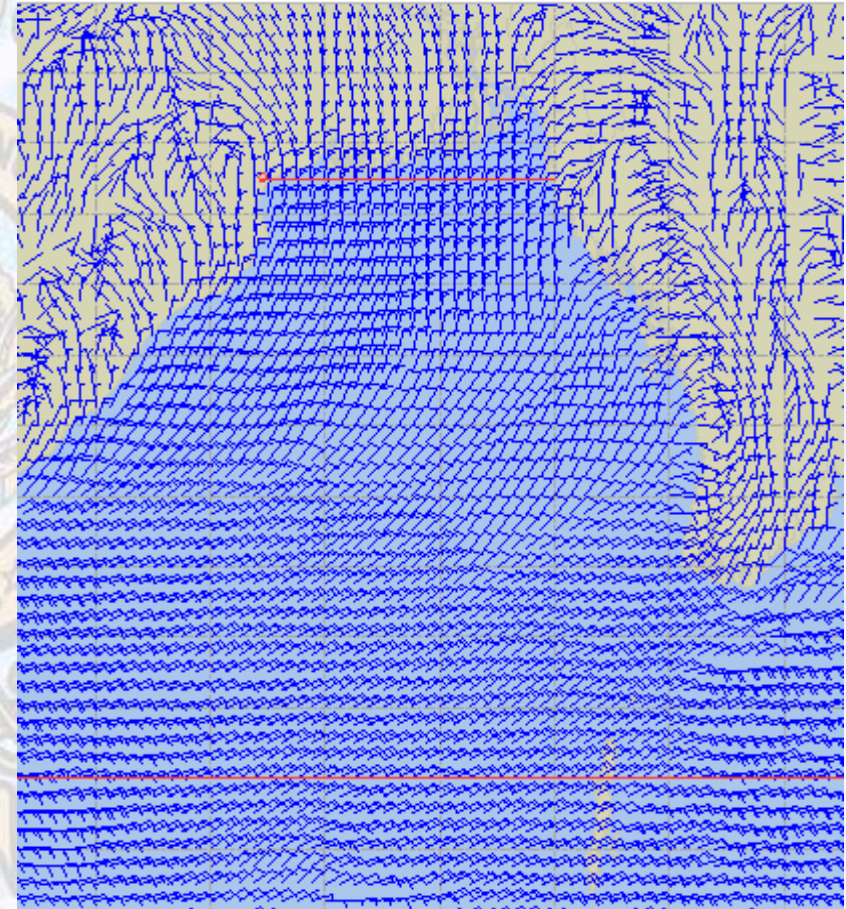
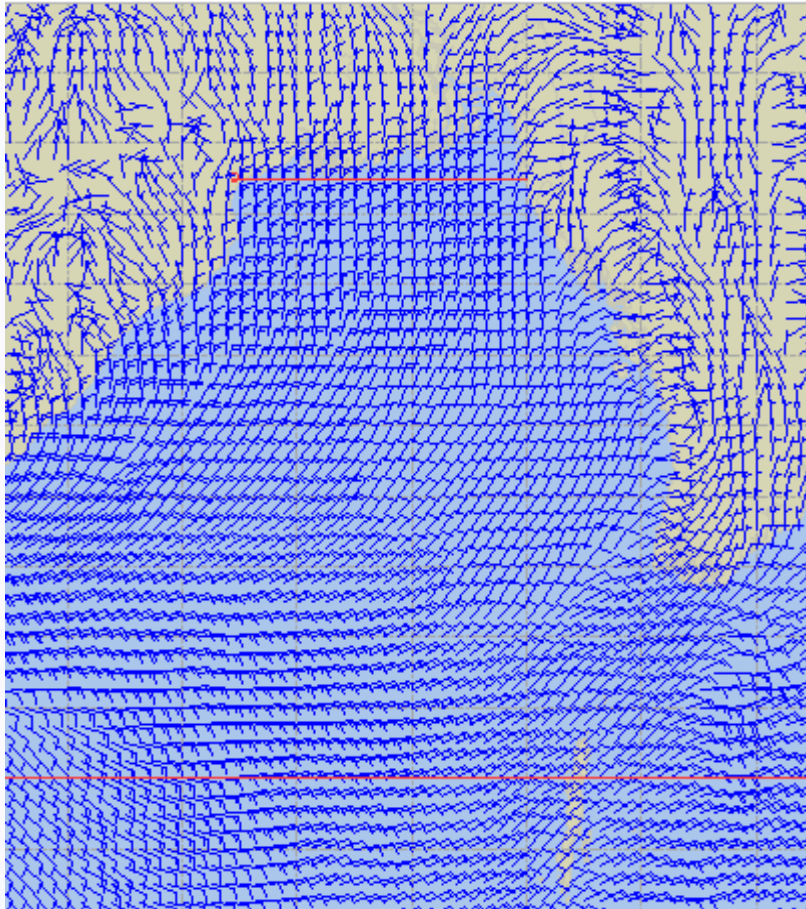




# Surface Wind Forecast – 28 & 29 Nov- 2020

28 Nov 20 Saturday

29 Nov 20 Saturday



**Legend:**



Calm  
Winds



5 Knots



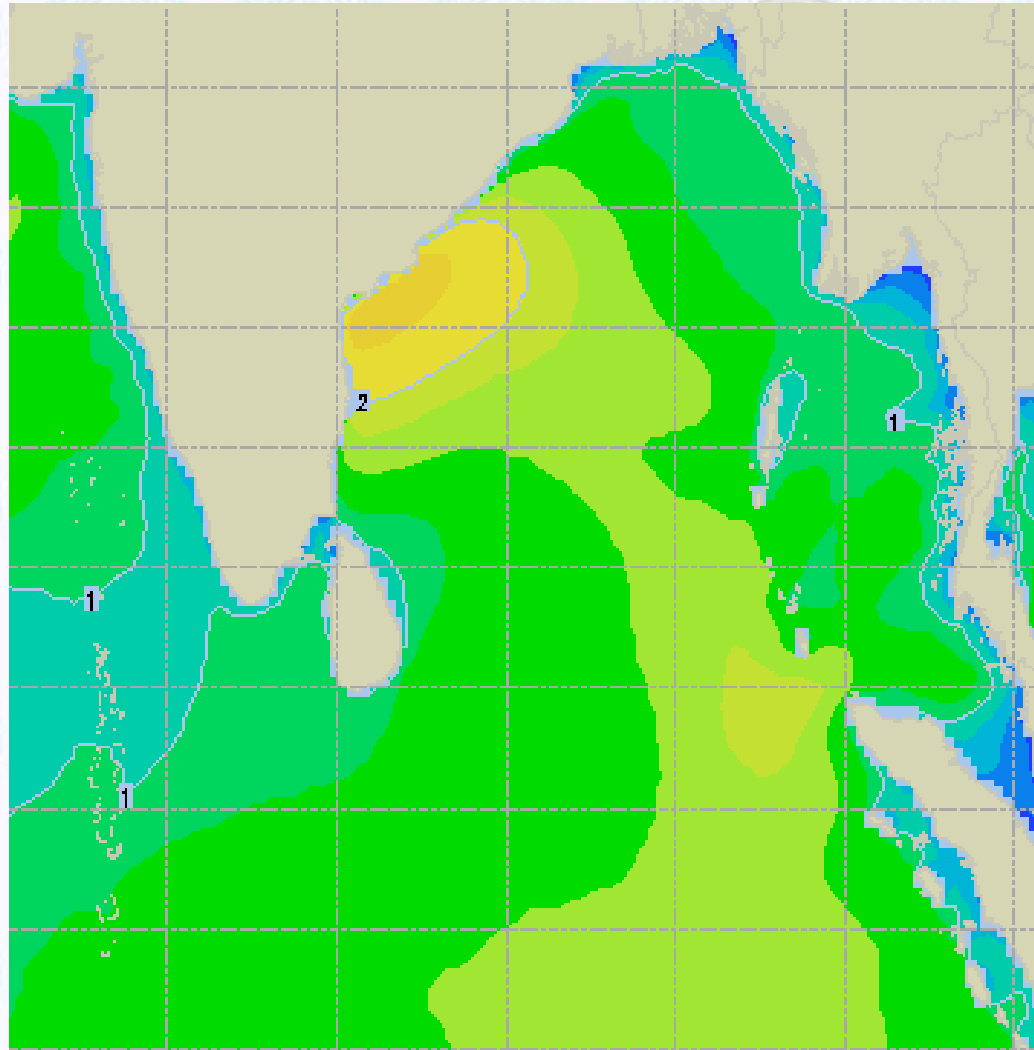
10 Knots



60 Knots



# Sea State Forecast – 27 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



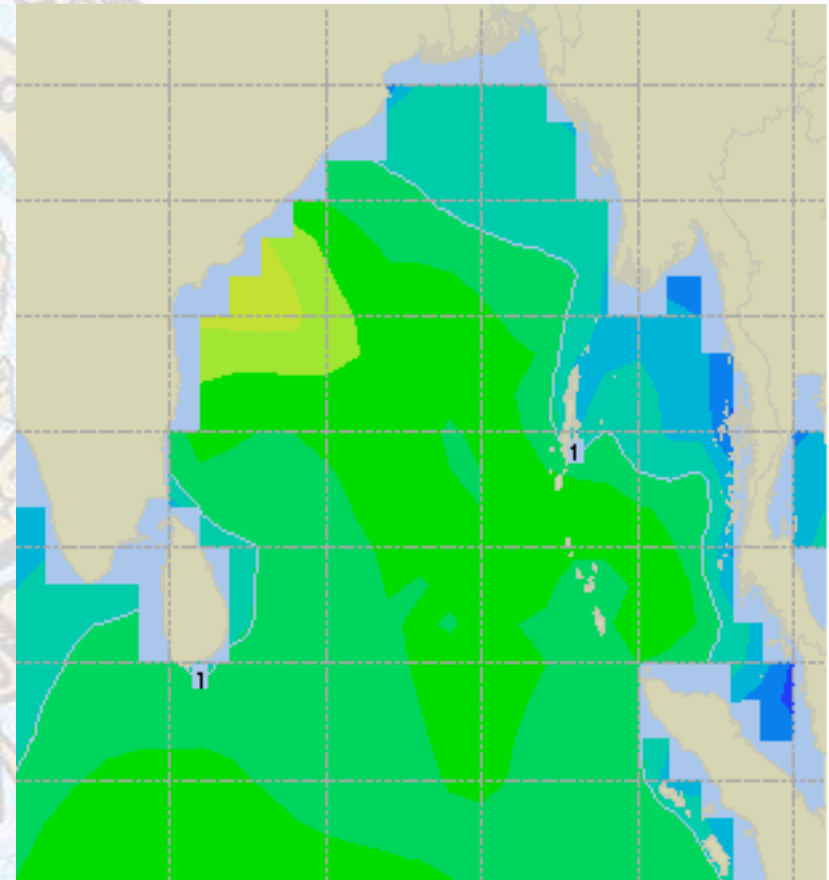
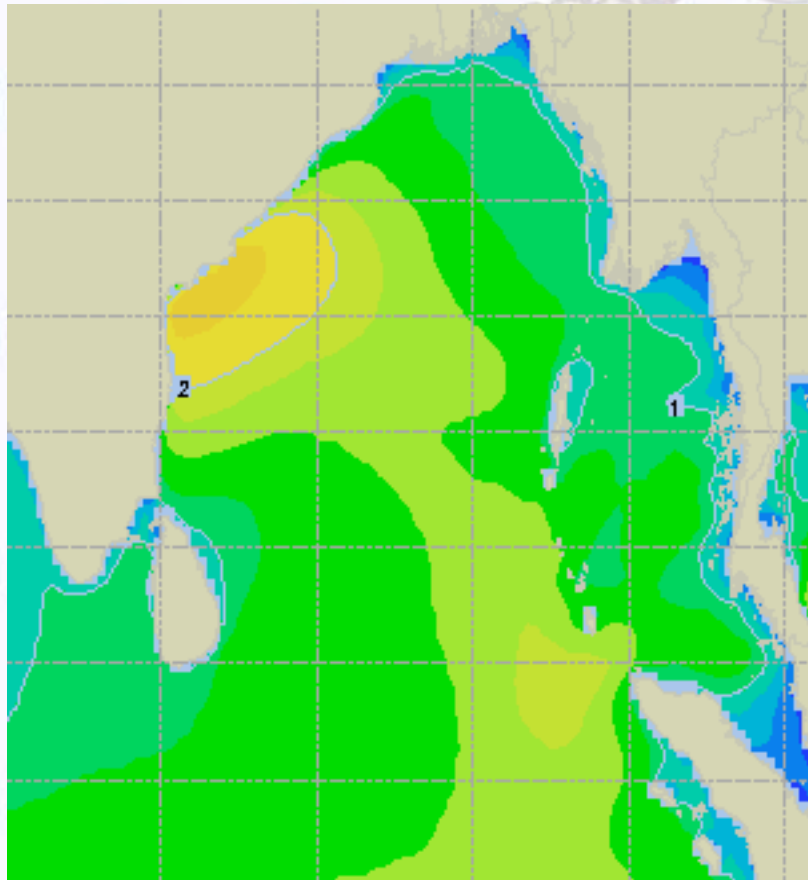




# Sea State Forecast – 28 & 29 Nov- 2020

28 Nov 20 Saturday

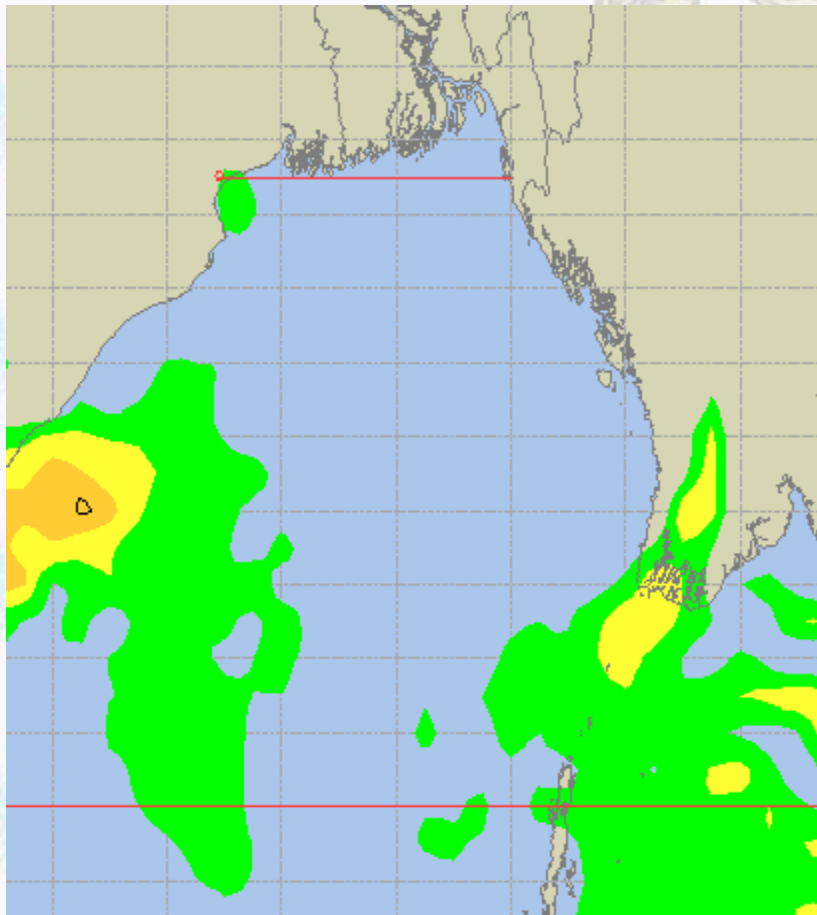
29 Nov 20 Sunday



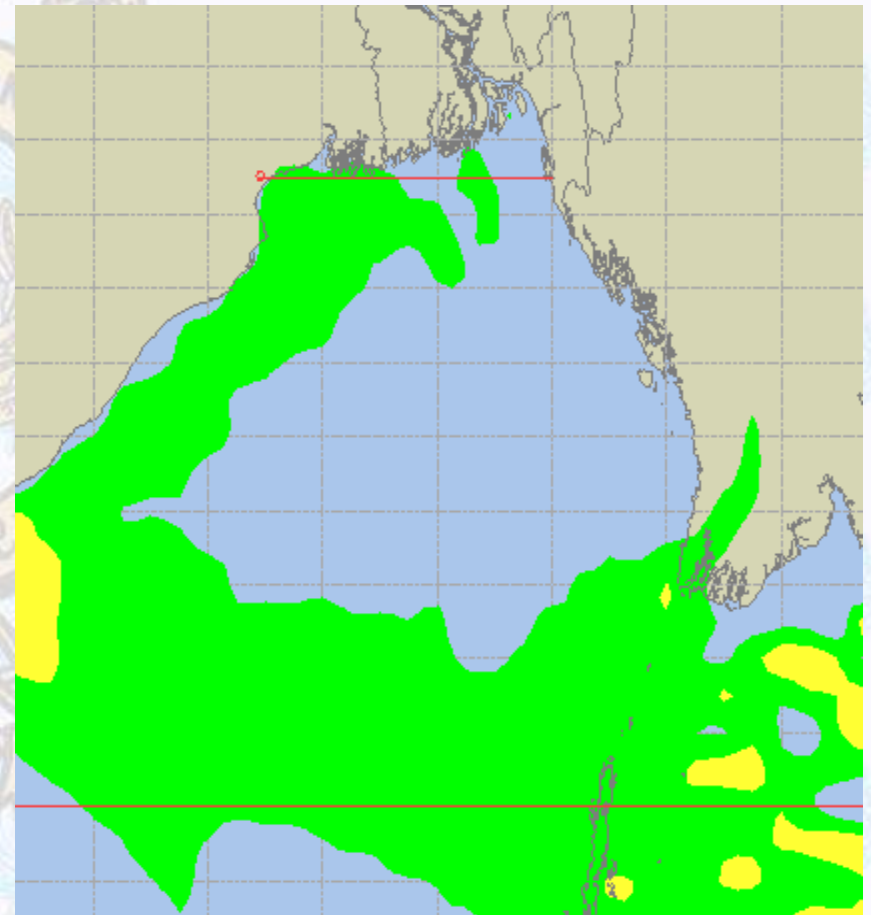


# Peak Gusting Possibilities— 27 & 28 Nov 2020

27 Nov 20 Friday



28 Nov 20 Saturday

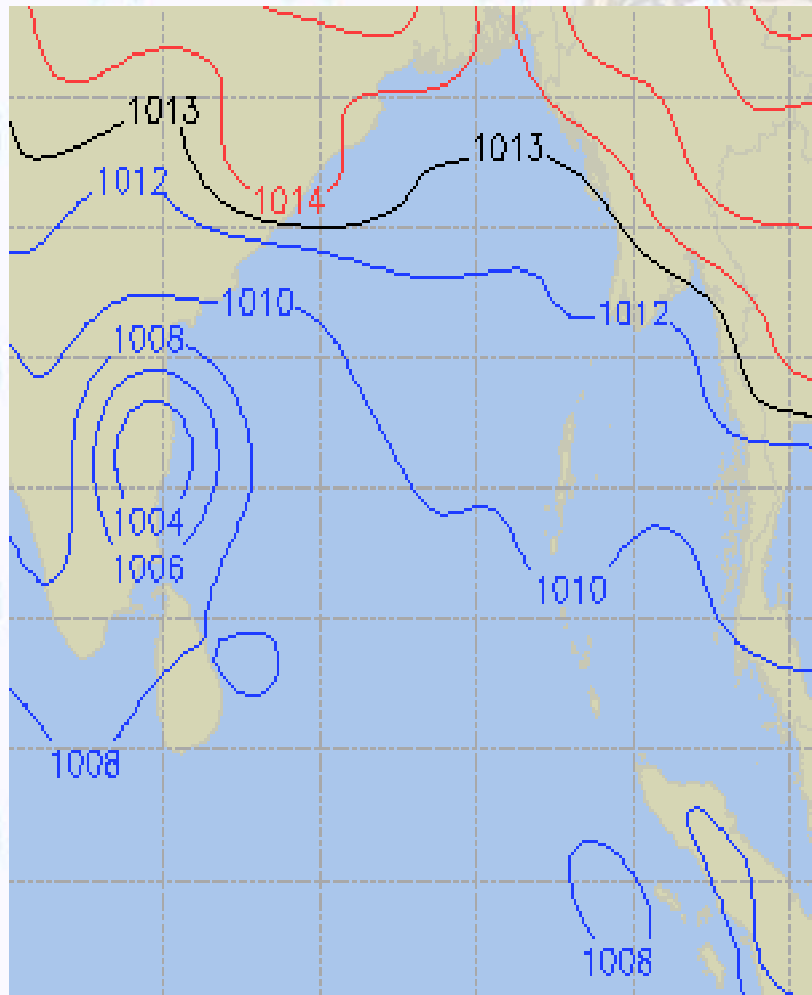




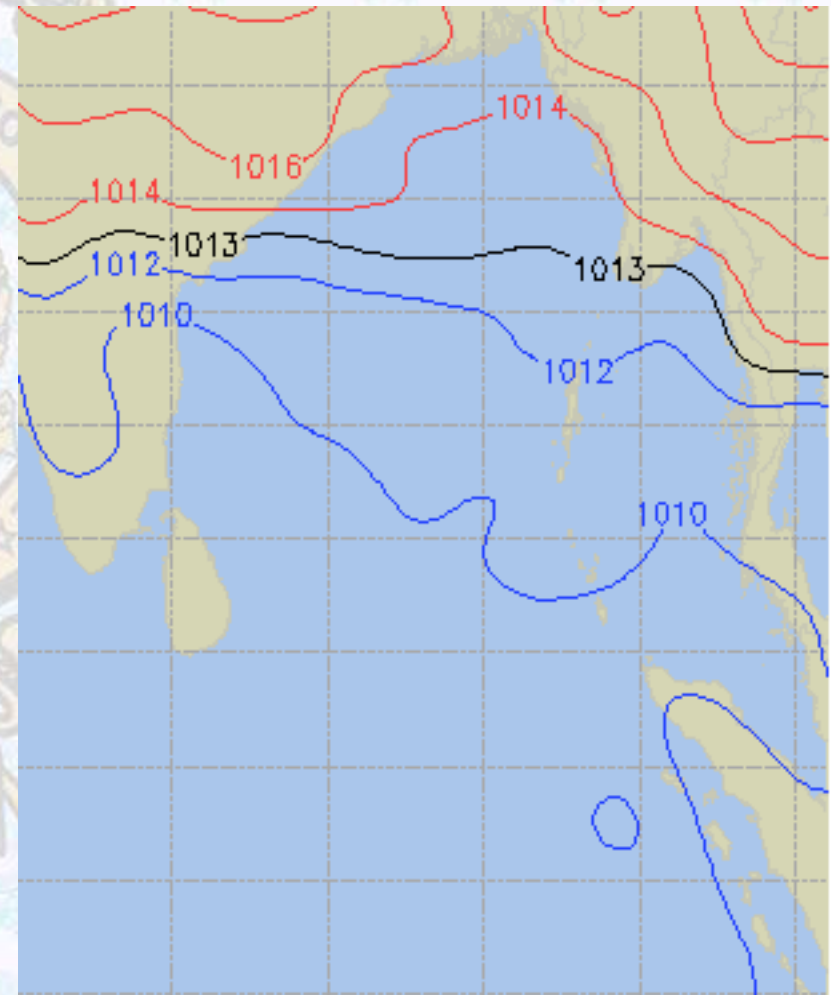


# Surface Pressure forecast– 27 & 28 Nov 2020

27 Nov 20 Friday



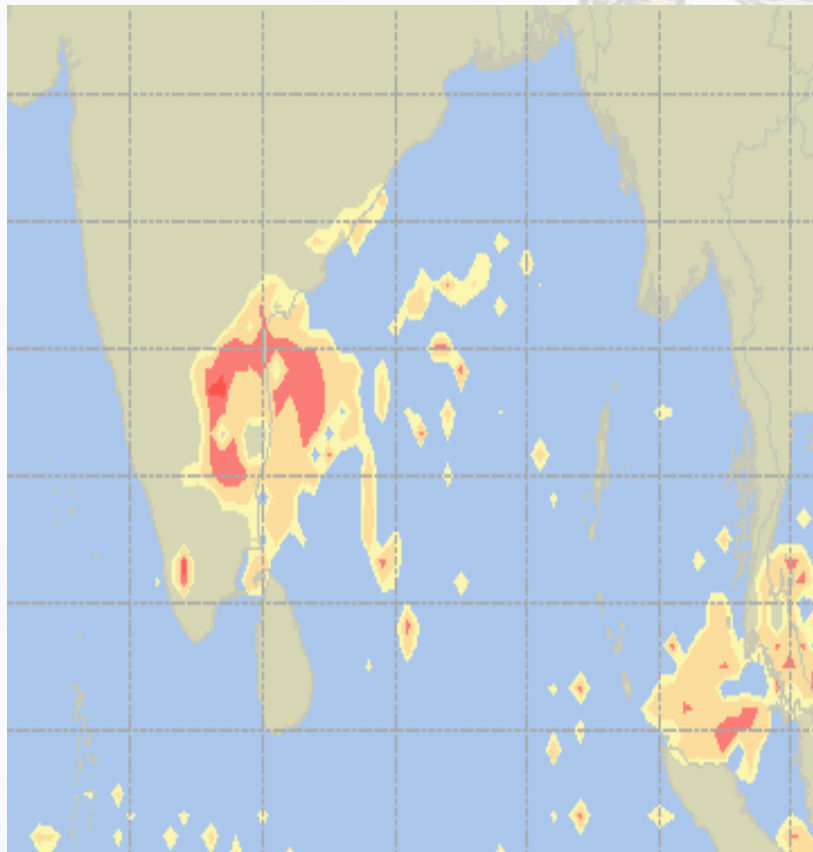
28 Nov 20 Saturday



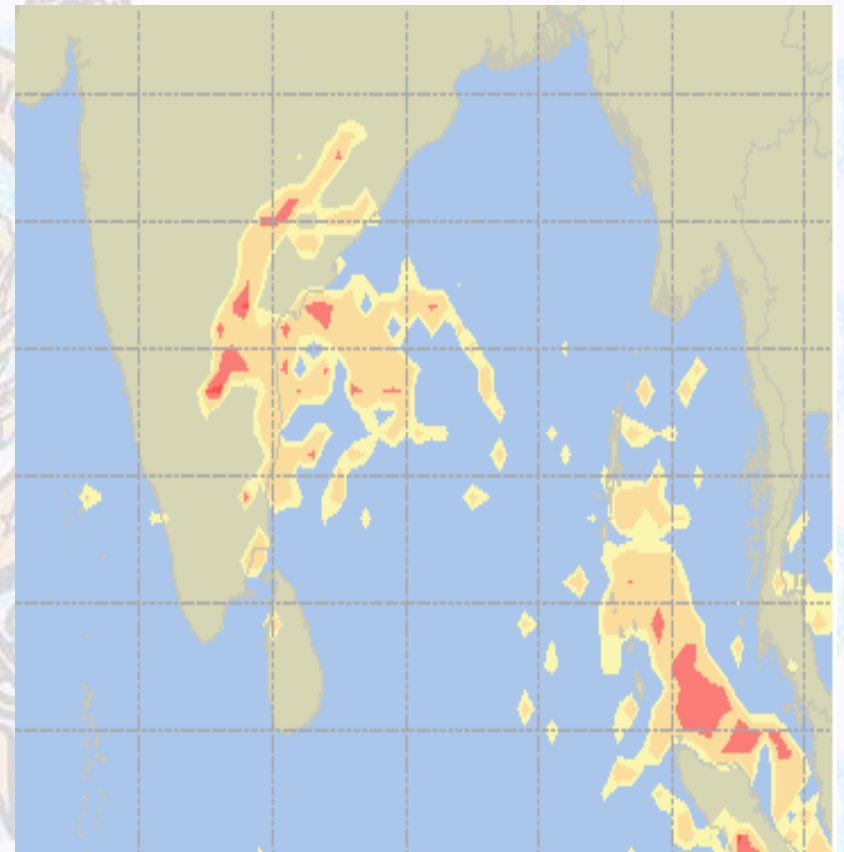


# Visibility at Sea Forecast – 27 & 28 Nov 2020

27 Nov 20 Friday



28 Nov 20 Saturday



**Visibility Scale:**



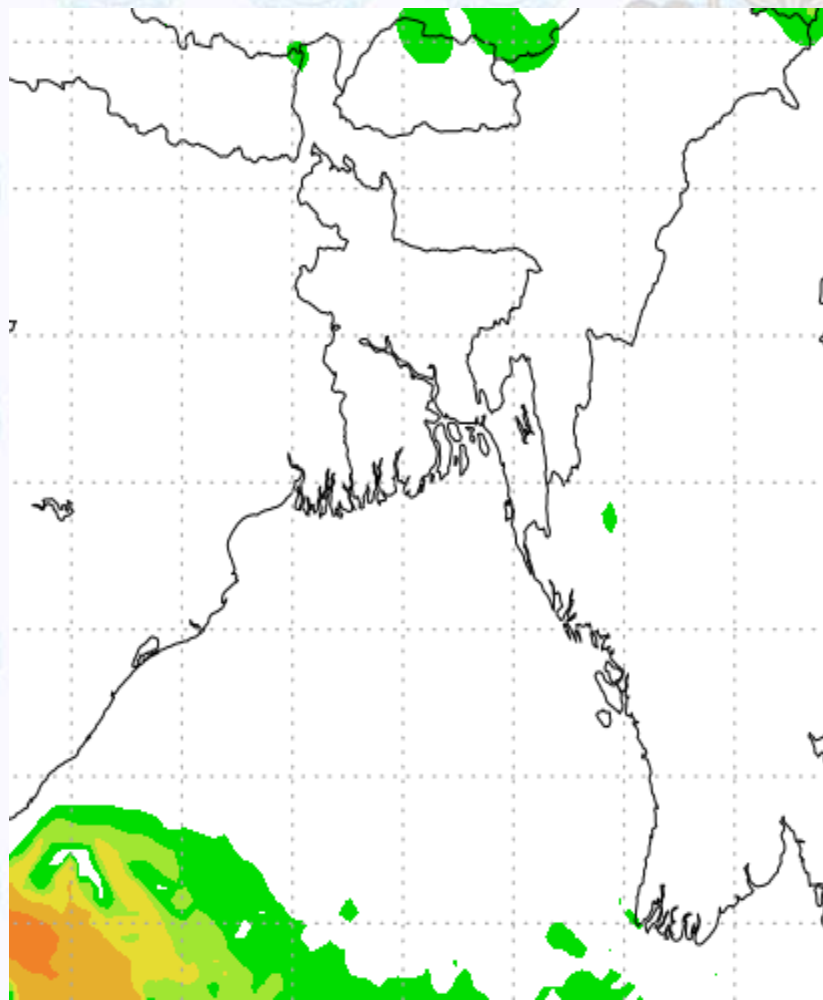
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



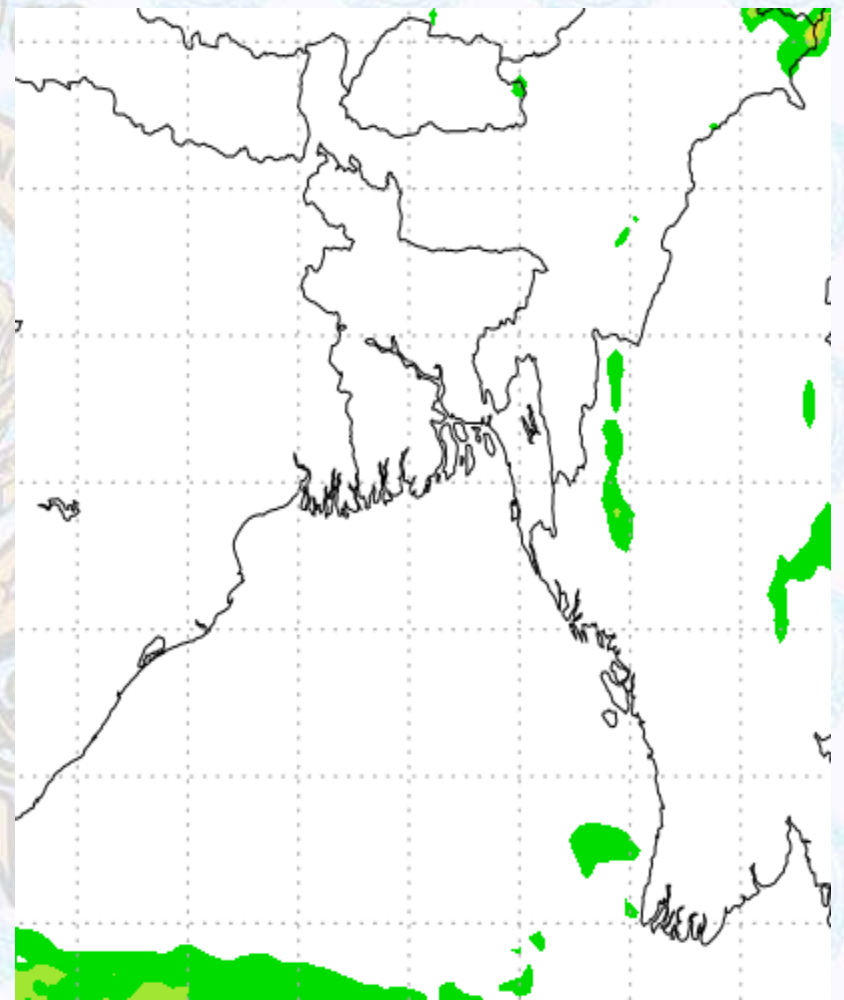


# Precipitation

Rain(mm) 27 & 28 Nov 2020



Rain(mm) 28 & 29 Nov 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>27 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0537	0.82		0311	0.97		0257	1.10
	1127	3.96		0852	2.76		0851	2.56
	1740	0.73		1520	0.88		1459	0.89
	2347	4.45		2115	3.14		2118	2.87
<b>28 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0613	0.68		0353	0.86		0337	0.98
	1201	4.05		0930	2.86		0928	2.60
	1813	0.65		1558	0.77		1533	0.80
	-	-		2150	3.29		2150	2.95
<b>29 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0016	4.53		0429	0.76		0412	0.90
	0646	0.61		1004	2.94		1002	2.63
	1231	4.10		1634	0.69		1606	0.74
	1844	0.59		2223	3.39		2220	2.98