



# WEATHER FORECAST FOR BN

**28 OCT-31 OCT 2020**



# WEATHER FORECAST – DHAKA

## 28.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 22	31 / 22	28 / 22	27 / 21
Wind	8 km/h NNW	8 km/h NNW	4 km/h NW	5 km/h NW
Humidity	55%	59%	70%	73%
Chance of Precip	1%	1%	5%	6%
Cloud Cover	17%	13%	3%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 02 AM 17: 20 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 3.05 km

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





# WEATHER FORECAST – CHATTOGRAM

## 28.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	31 / 26	29 / 26	28 / 26
Wind	9 km/h NW	9 km/h NW	5 km/h NW	4 km/h NNW
Humidity	71%	75%	83%	85%
Chance of Precip.	3%	4%	6%	6%
Cloud Cover	12%	33%	40%	43%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	05: 54 AM			
Sunset	17: 17 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 8.66 Km

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



# WEATHER FORECAST – KHULNA

## 28.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 23	31 / 23	27 / 23	25 / 22
Wind	8 km/h NNW	8 km/h NNW	3 km/h NW	3 km/h NW
Humidity	56%	62%	78%	84%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	5%	3%	2%	6%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 04 AM 17: 26 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 9.66 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	29 Oct 2020	30 Oct 2020	31 Oct 2020
<b>Temperature (C)</b>	33 °C/ 25 °C	34 °C/ 26 °C	30 °C/ 25 °C
<b>Summary</b>	Sunny	Sunny	Partly Cloudy
<b>Sun Rise/Set</b>	6h02m48s/17h20m54s	6h03m24s/17h20m18s	6h03m54s/17h19m48s
<b>Day Length</b>	11h18m06s	11h16m54s	11h16m04s
<b>Moon Rise/ Set</b>	4:19PM 3:55AM	4:50PM 4:45AM	5:18PM 5:28AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	05:12, 18:11	05:13, 18:10	05:13, 18:10
<b>Civil Twilight</b>	05:39, 17:44	05:40, 17:43	05:41, 17:42
<b>Humidity</b>	D : 68%    N : 79%	D : 67%    N : 79%	D : 75%    N : 79%
<b>Barometer (mb)</b>	1010	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	20%
<b>Wind (mph)</b>	7 Km/h NNW	8 Km/h NNW	10 Km/h S

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	29 Oct 2020	30 Oct 2020	31 Oct 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	32 °C/ 25 °C	29 °C/ 25 °C
<b>Summary</b>	Partly Cloudy / Sunny	Partly Cloudy / Sunny	Cloudy
<b>Sun Rise/Set</b>	5h55m18s/17h17m00s	5h55m54s/17h16m24s	5h56m30s/17h15m48s
<b>Day Length</b>	11h21m42s	11h20m30s	11h19m18s
<b>Moon Rise/ Set</b>	4:13PM 3:50AM	4:45PM 4:39AM	5:18PM 5:28AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Full Moon, 99%
<b>NauticalTwilight</b>	05:05 18:06	05:06 18:06	05:07 18:06
<b>Civil Twilight</b>	05:32, 17:40	05:32, 17:39	05:32, 17:41
<b>Humidity</b>	D : 80% N : 91%	D : 81% N : 92%	D : 84% N : 92%
<b>Barometer (mb)</b>	1010	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	40%
<b>Wind (mph)</b>	6 Km/h NNW	6 Km/h NW	7 Km/h SSE

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





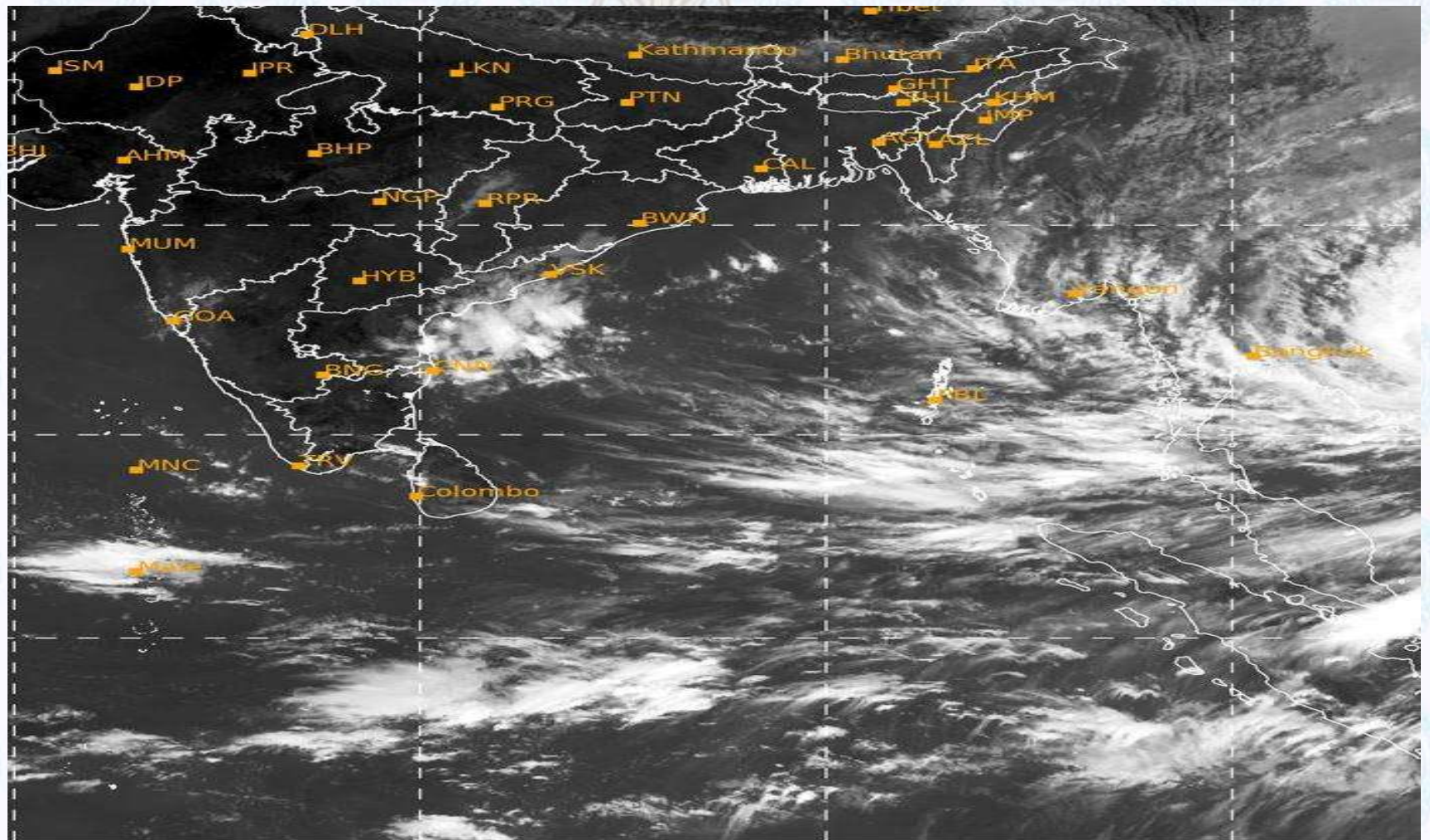
# GENERAL WEATHER FORECAST – KHULNA

Description	29 Oct 2020	30 Oct 2020	31 Oct 2020
<b>Temperature(C)</b>	33°C/ 24°C	33°C/ 25°C	30°C/ 25°C
<b>Summary</b>	Sunny	Partly Cloudy / Sunny	Cloudy
<b>Sun Rise/Set</b>	6h05m06s/17h25m30s	6h05m42s/17h24m54s	6h06m12s/17h24m18s
<b>Day Length</b>	11h20m24s	11h19m12s	11h18m42s
<b>Moon Rise/Set</b>	4:22PM 3:59AM	4:54PM 4:48AM	5:18PM 5:28AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 94%	Waxing Gibbous, 98%	Full Moon, 99%
<b>Nautical Twilight</b>	05:15, 18:15	05:15, 18:14	05:15, 18:13
<b>Civil Twilight</b>	05:41, 17:48	05:42, 17:48	05:43, 17:48
<b>Humidity</b>	D : 74%    N : 85%	D : 74%    N : 85%	D : 82%    N : 92%
<b>Barometer (mb)</b>	1010	1010	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	40%
<b>Wind (mph)</b>	10 km/h NNW	10 km/h NNW	7 km/h ENE

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



# SATELLITE VIEW OF BAY OF BENGAL



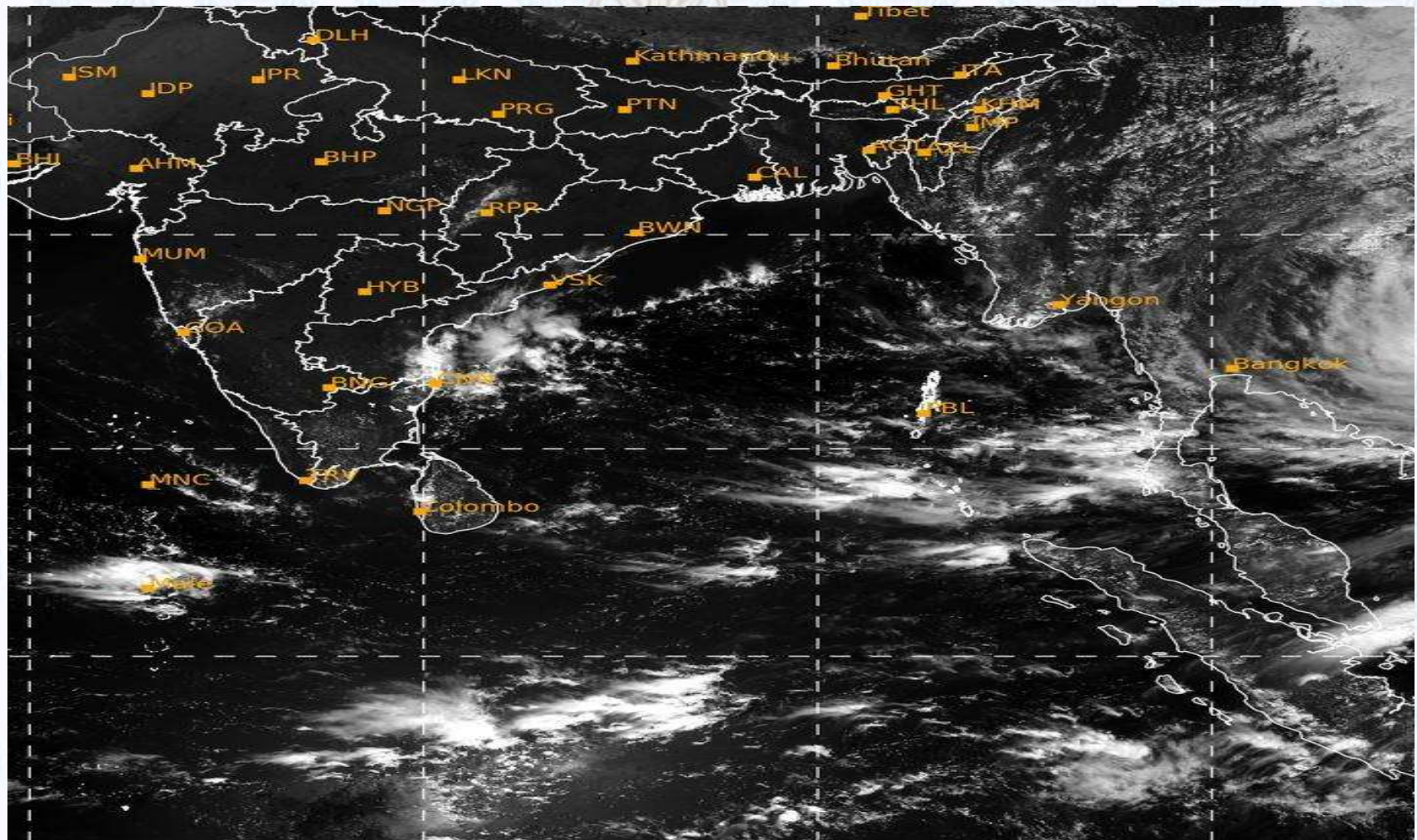
28/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



28/10/2020, 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 28.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	MONSOON IS WEAK OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	EAST/NORTH-EASTERLY, 08-12 KTS, TEMPORARY GUSTING TO 22
	Visibility	03-05 KMS, REDUCING TO 2000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 28,0000 UTC. CHATTOGRAM =1009 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 28.10.2020)

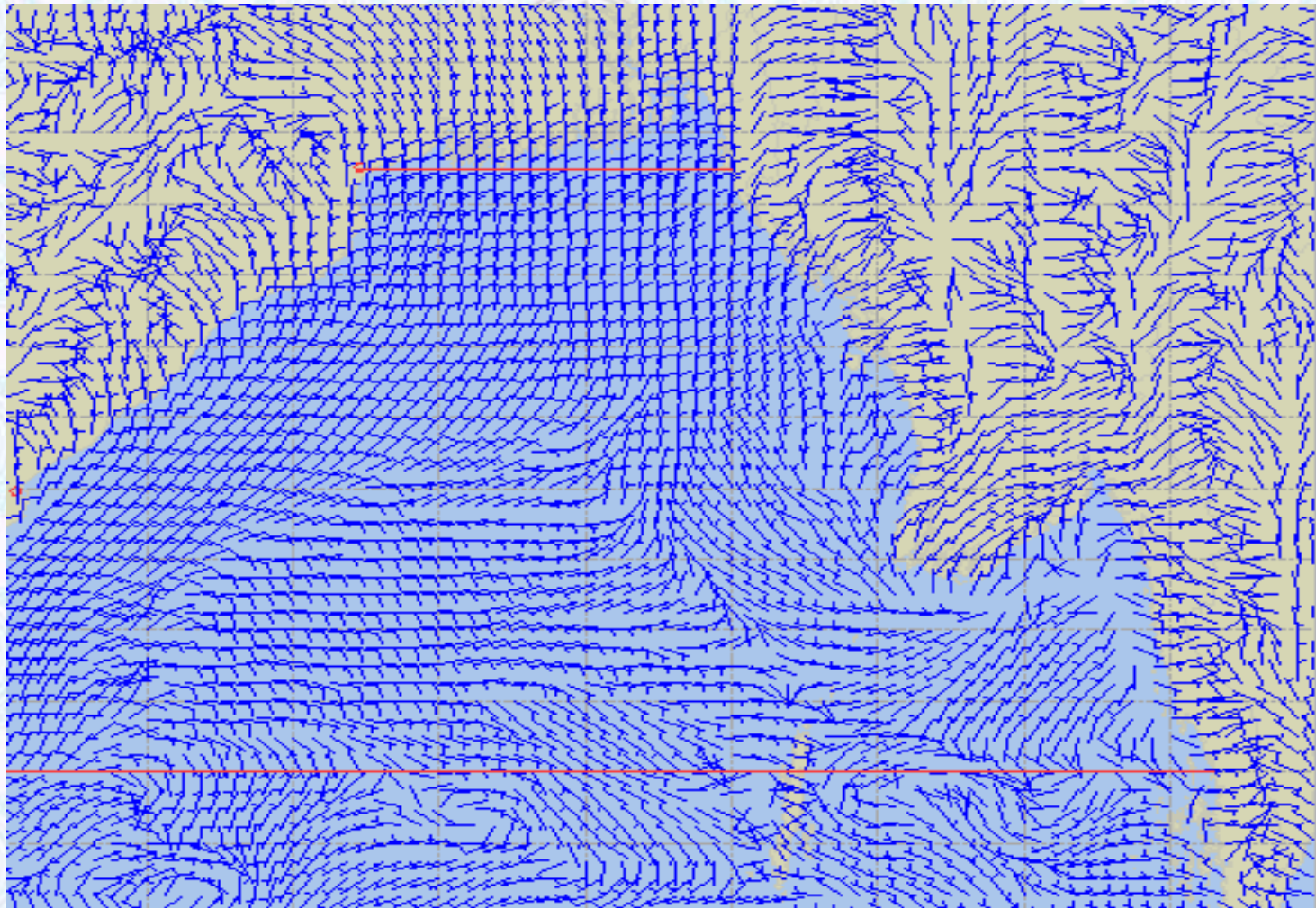
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 29 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

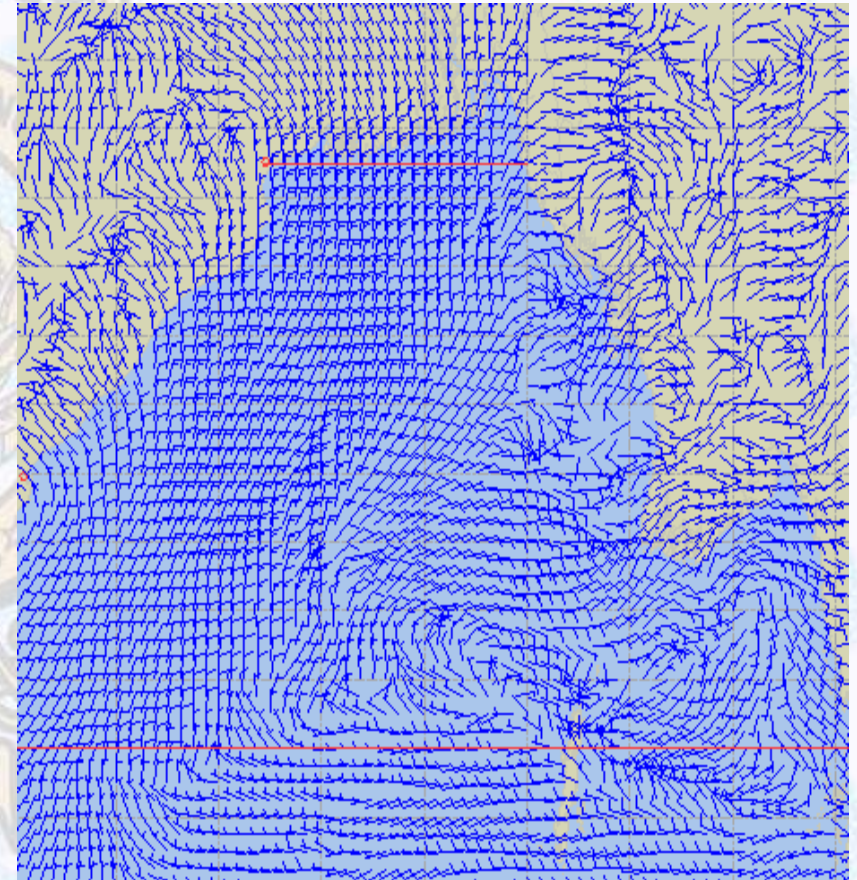
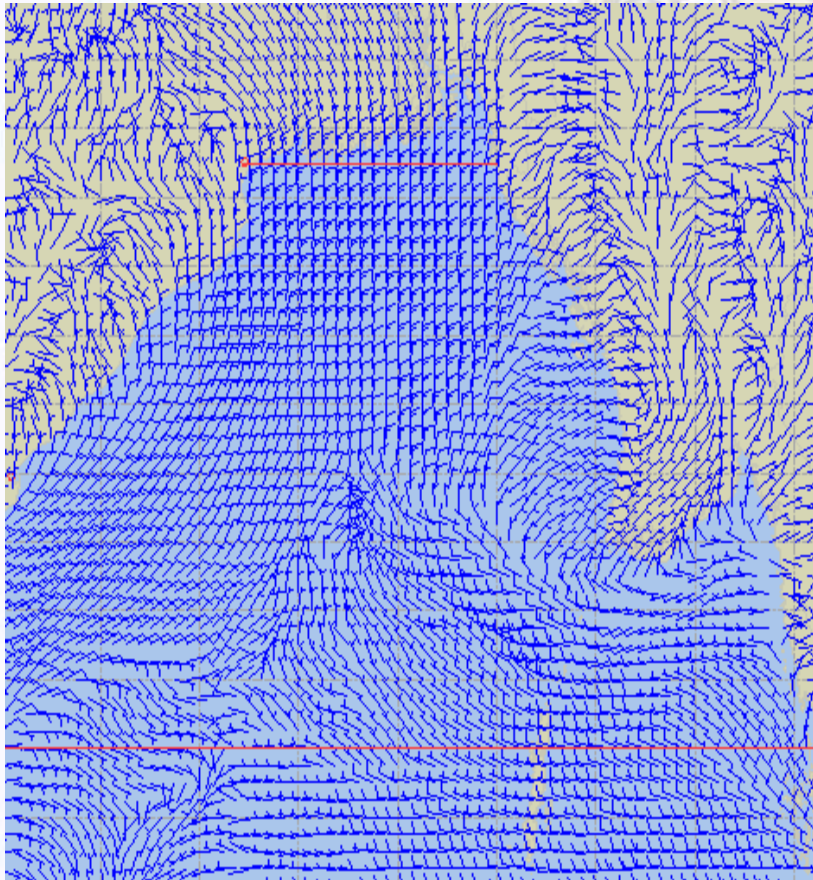




# Surface Wind Forecast – 30 & 31 Oct- 2020

30 Oct 20 Friday

31 Oct 20 Saturday



**Legend:**



Calm  
Winds



5 Knots



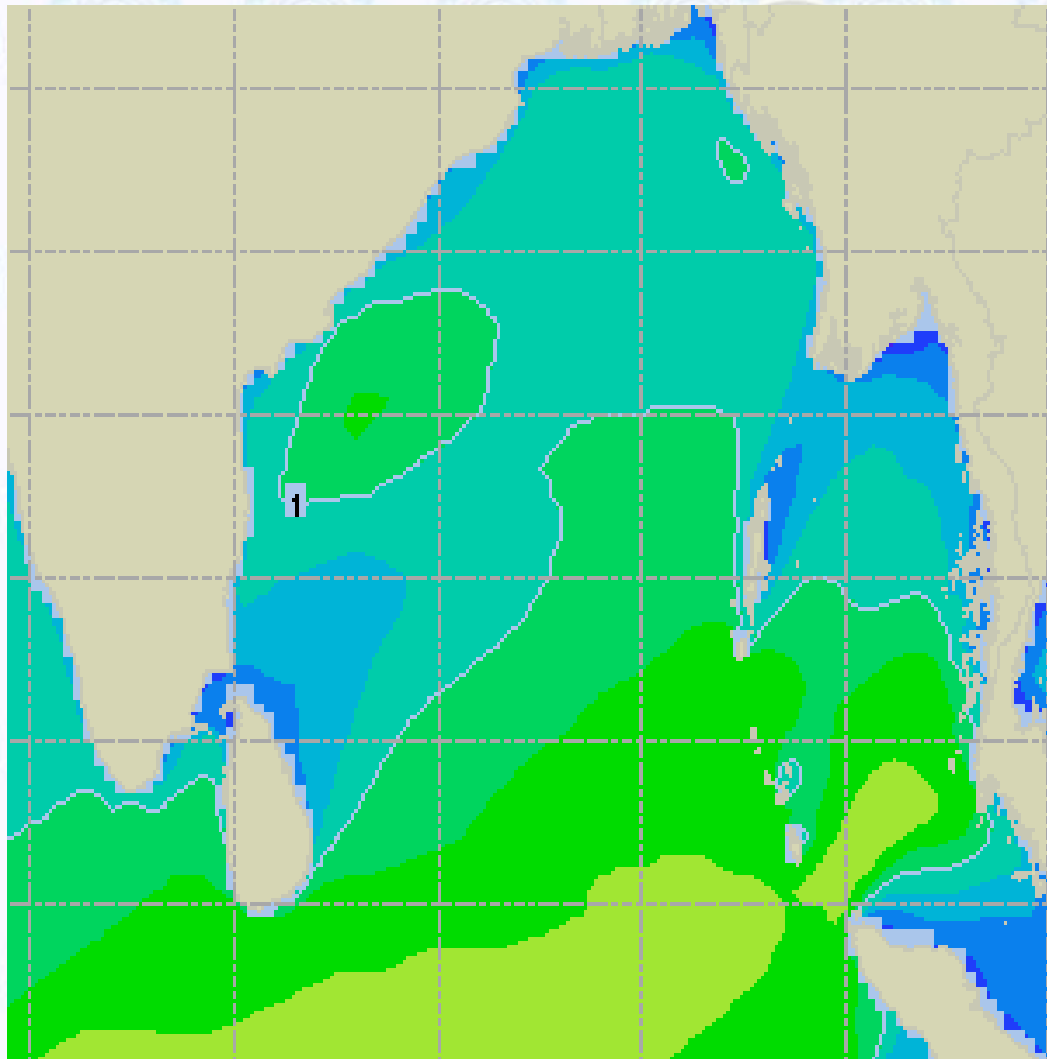
10 Knots



60 Knots



# Sea State Forecast – 29 Oct- 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



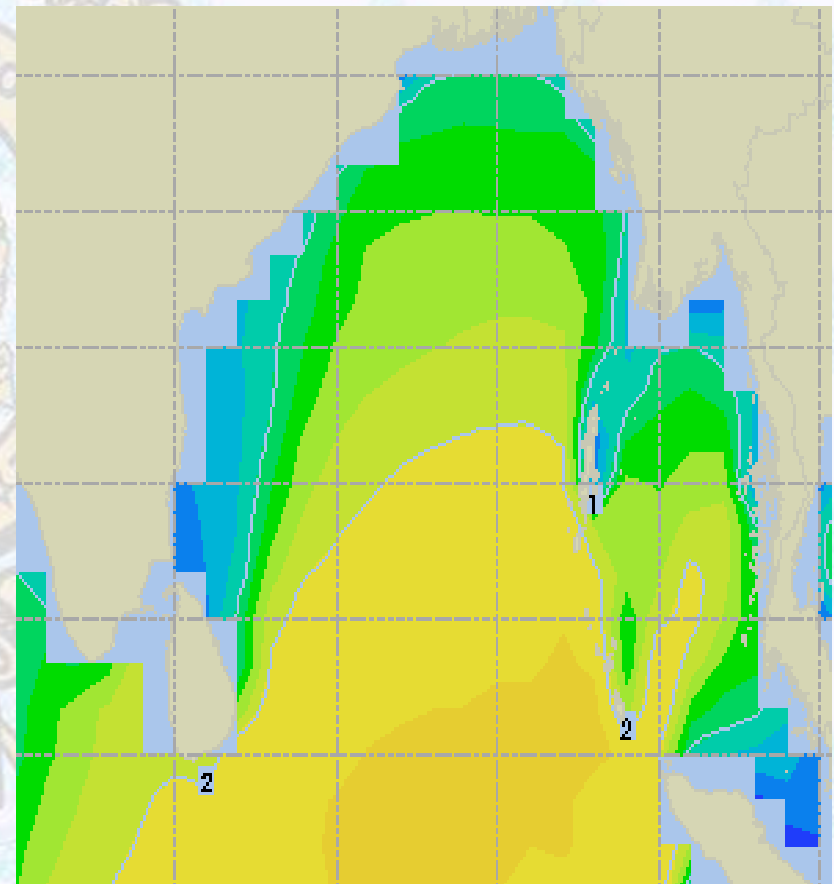
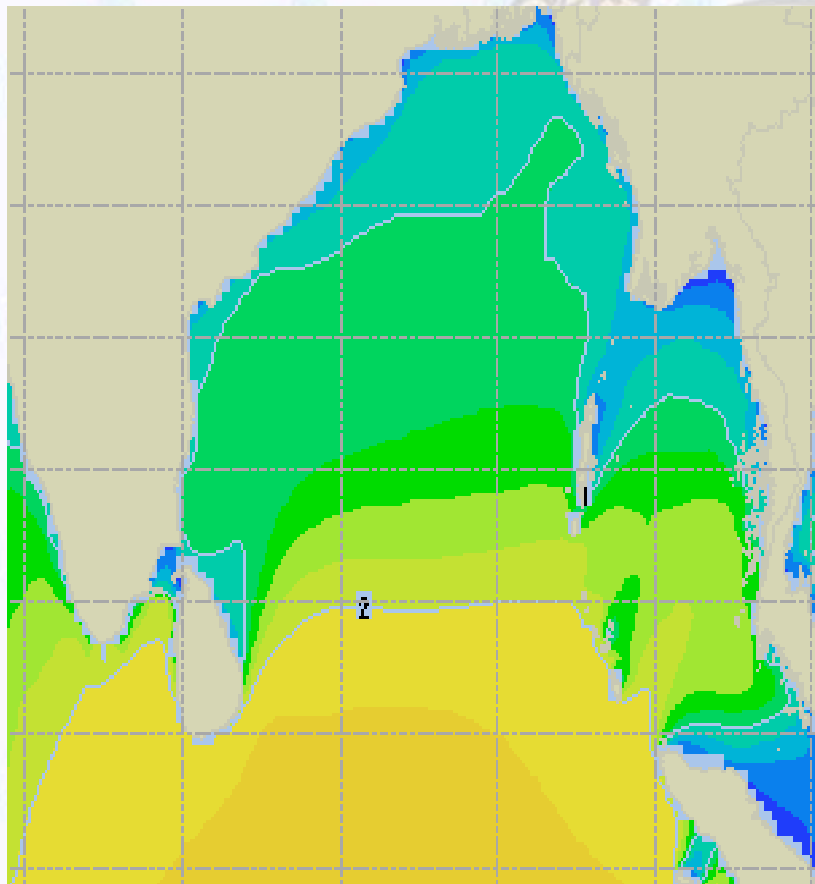




# Sea State Forecast – 30 & 31 Oct- 2020

30 Oct 20 Friday

31 Oct 20 Saturday

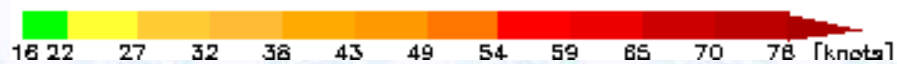
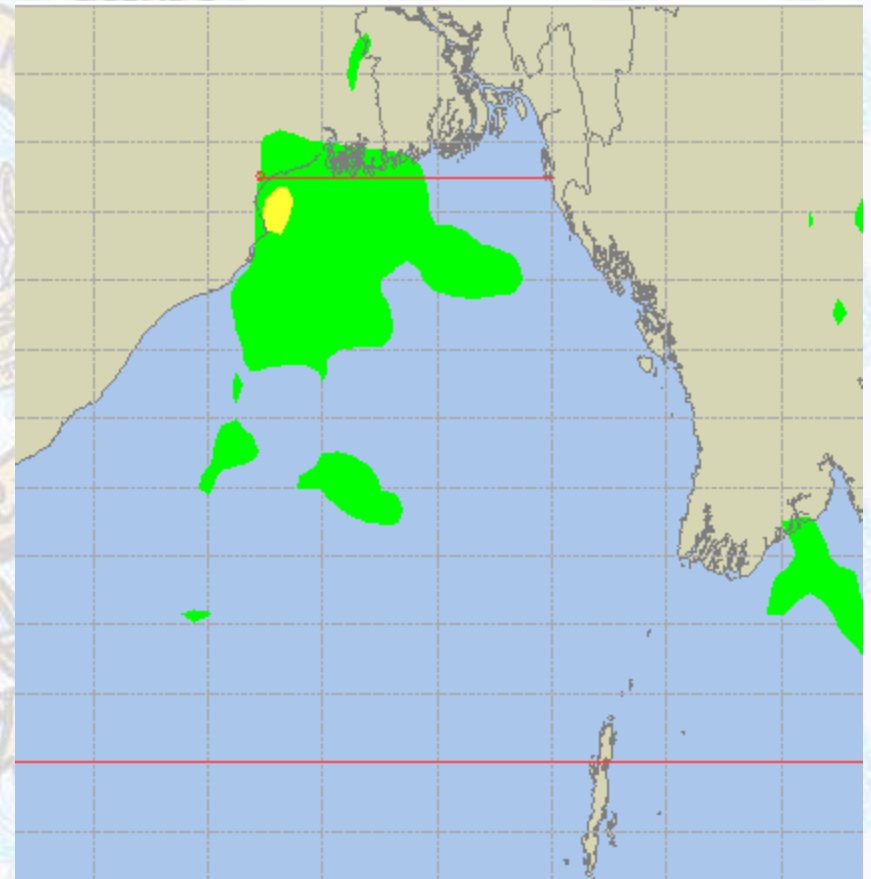
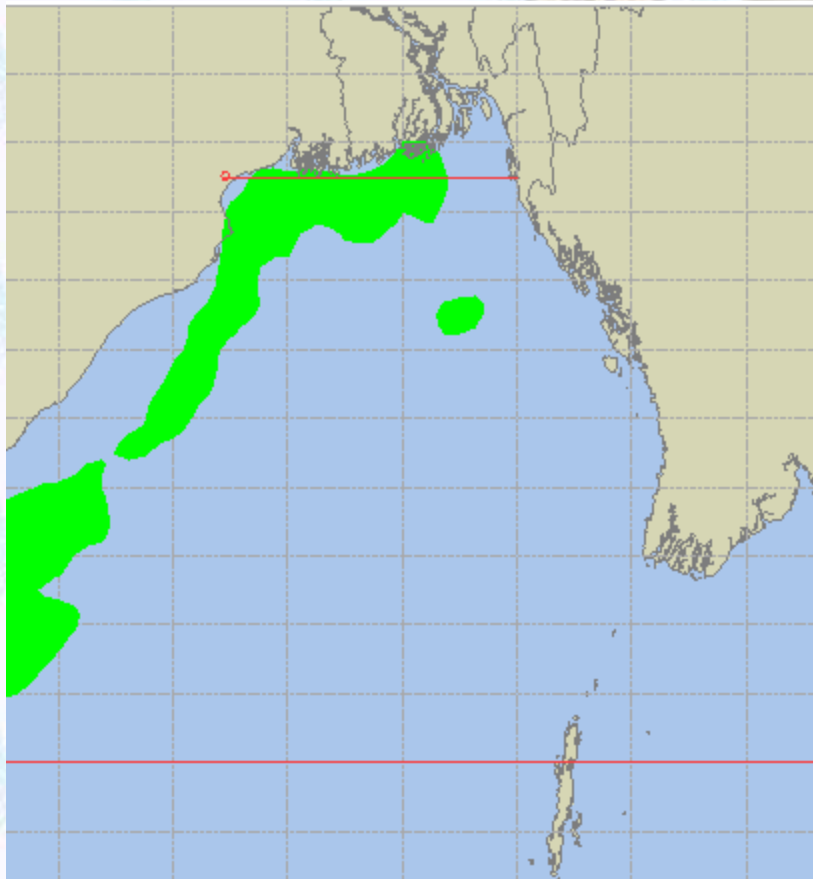




# Peak Gusting Possibilities— 29 & 30 Oct 2020

29 Oct 20 Thursday

30 Oct 20 Friday

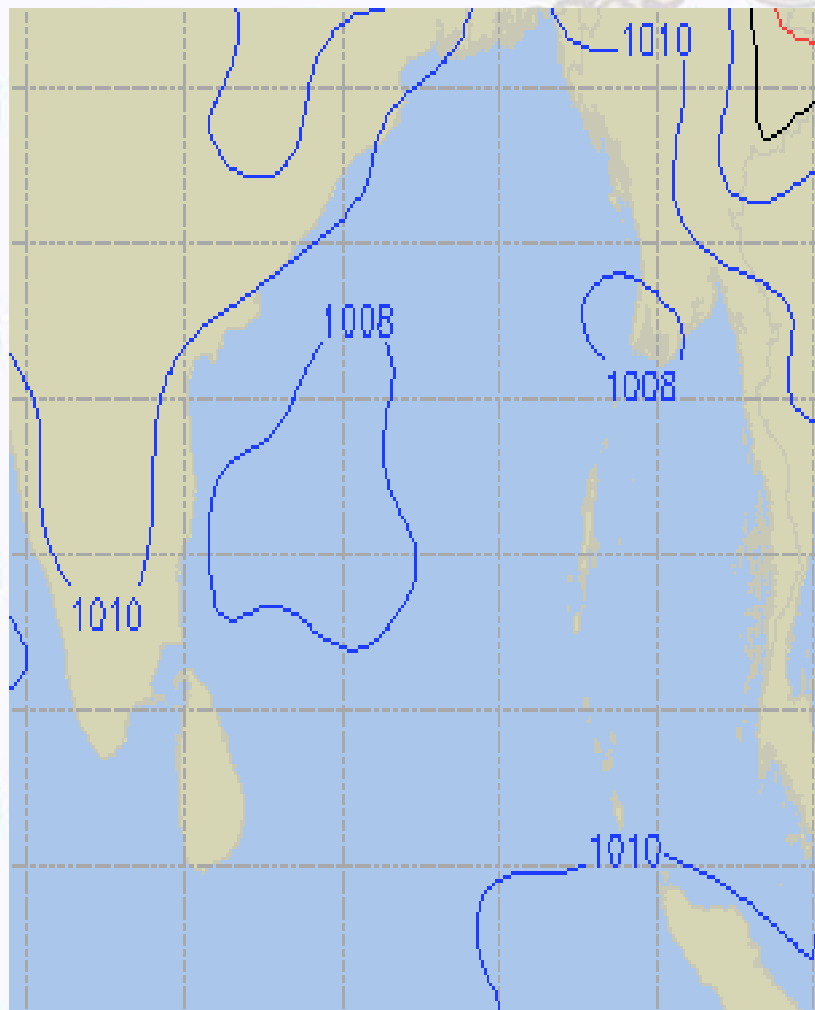




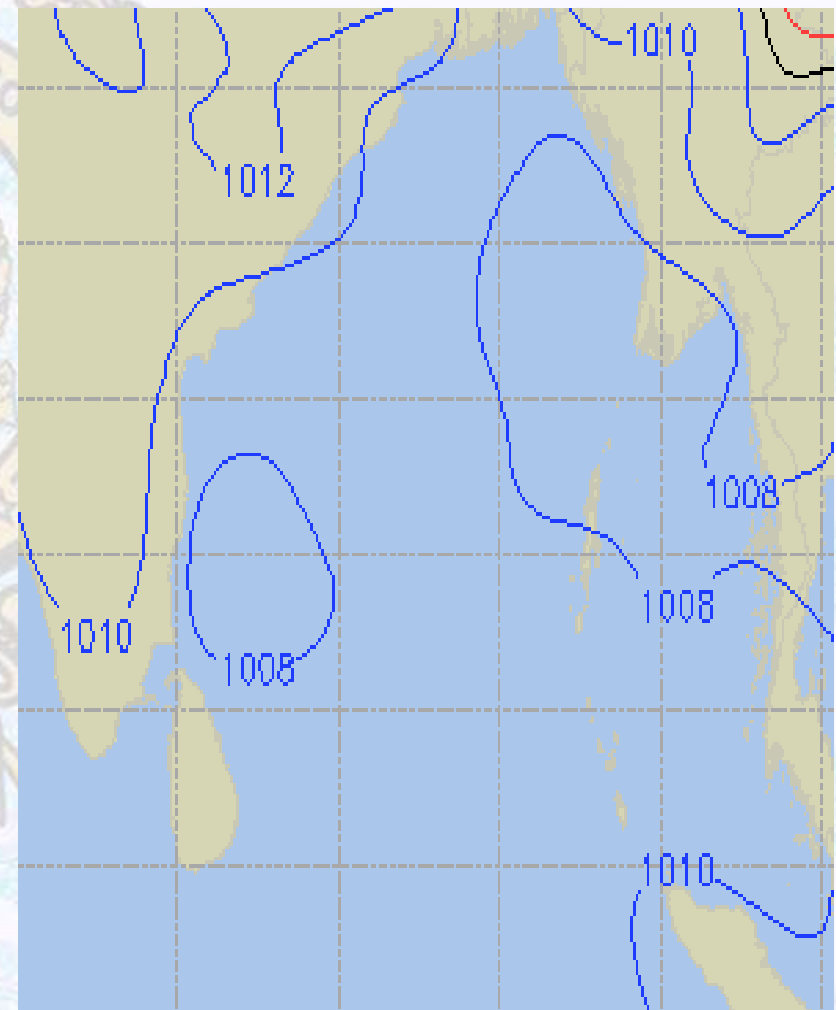


# Surface Pressure forecast– 29 & 30 Oct 2020

29 Oct 20 Thursday



30 Oct 20 Friday

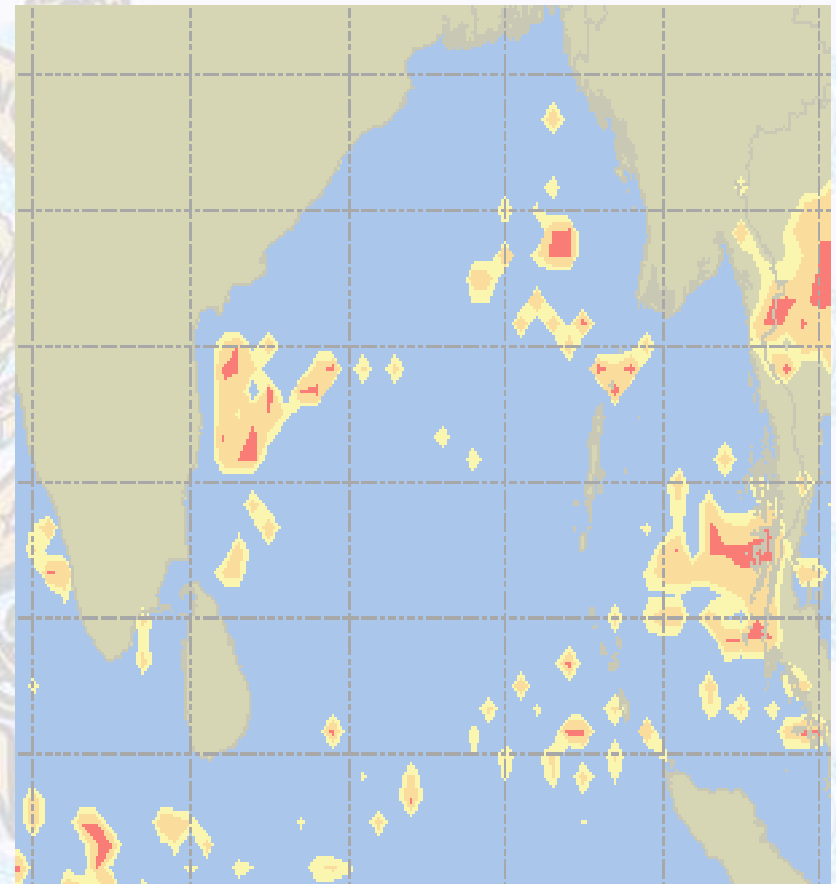
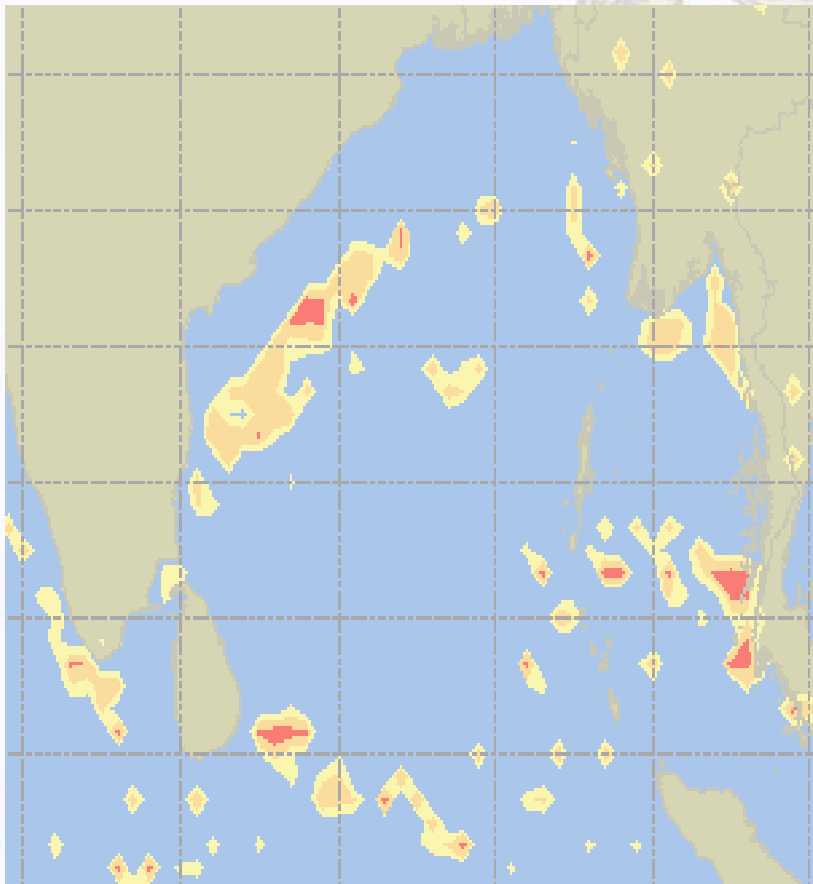




# Visibility at Sea Forecast – 29 & 30 Oct 2020

29 Oct 20 Thursday

30 Oct 20 Friday



**Visibility Scale:**



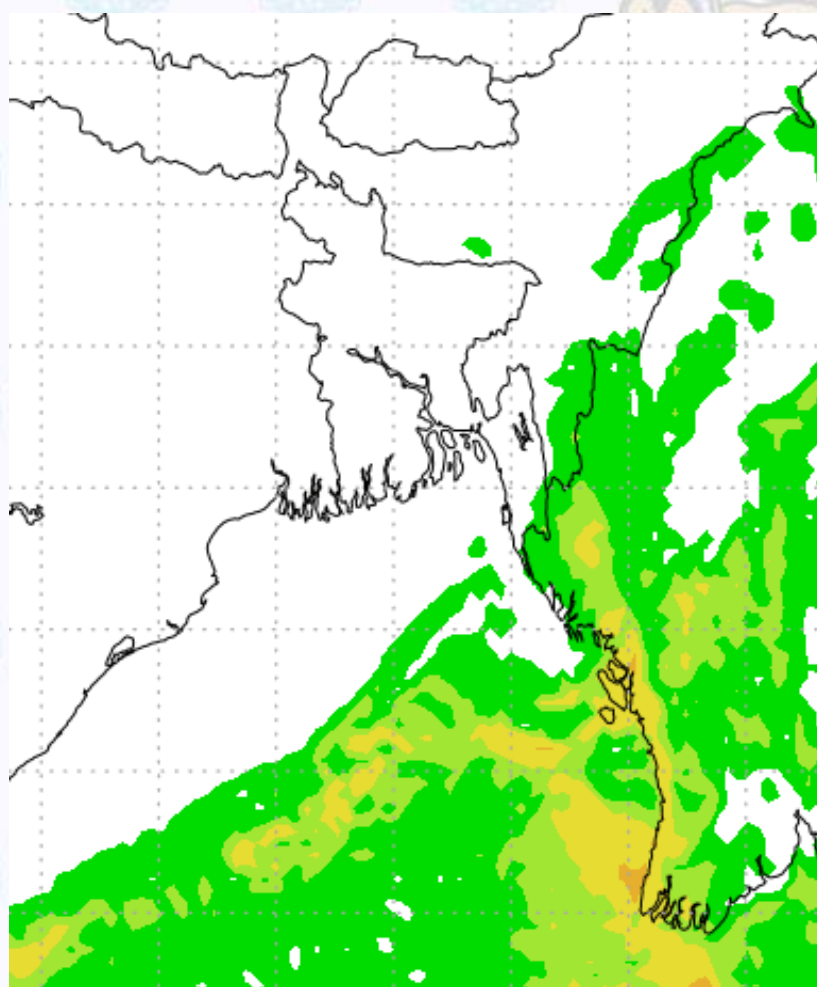
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



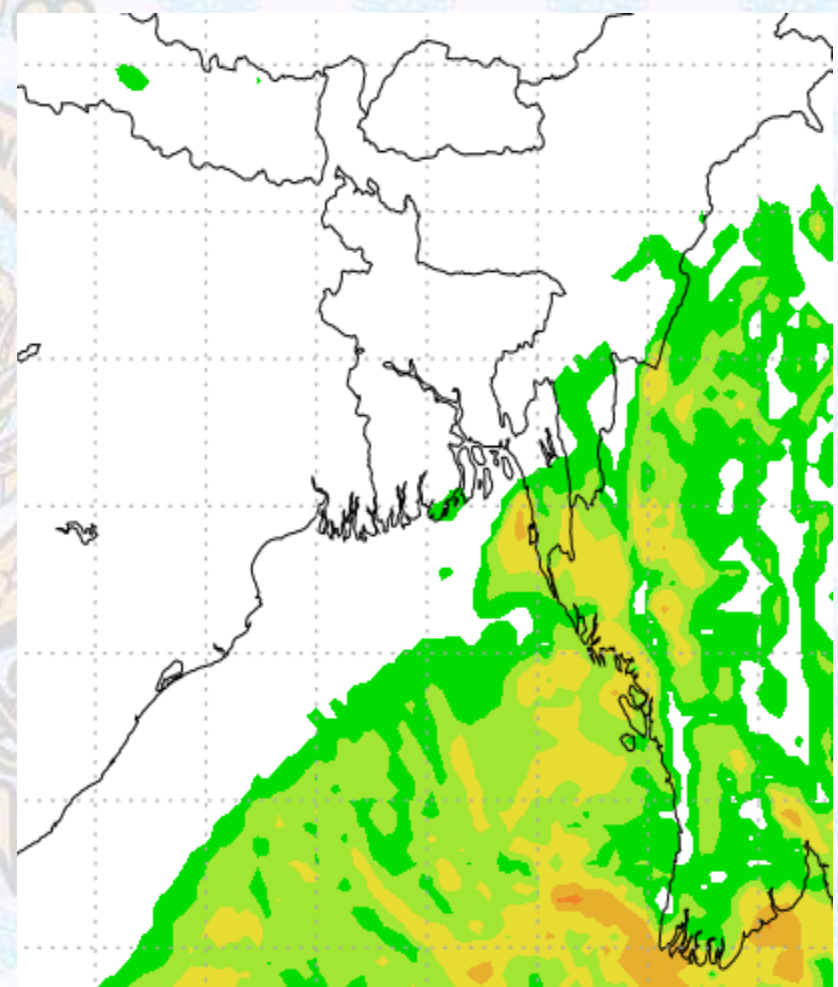


# Precipitation

Rain(mm) 29 & 30 Oct 2020



Rain(mm) 30 & 31 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>29 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0607	0.72		0346	0.94		0327	1.03
	1159	4.49		0925	3.08		0925	2.88
	1819	0.62		1558	0.86		1538	0.86
	-	-		2145	3.32		2147	3.06
<b>30 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0019	4.80		0424	0.85		0401	0.92
	0641	0.59		0959	3.18		0956	2.91
	1229	4.57		1633	0.78		1608	0.79
	1849	0.56		2217	3.44		2215	3.13
<b>31 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0045	4.88		0457	0.78		0433	0.86
	0710	0.52		1031	3.23		1025	2.91
	1255	4.62		1705	0.72		1635	0.74
	1916	0.52		2248	3.50		2242	3.15