



# WEATHER FORECAST FOR BN

*01 OCT-04 OCT 2020*



# WEATHER FORECAST – DHAKA

## 01.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 25	29 / 25	28 / 25
Wind	5 km/h SE	5 km/h SSE	6 km/h SE	5 km/h SE
Humidity	73%	73%	77%	79%
Chance of Precip	17%	24%	22%	24%
Cloud Cover	91%	87%	69%	76%
Conditions	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
Sunrise Sunset	5: 51 AM 17: 47 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 9.66 km

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





# WEATHER FORECAST – CHATTOGRAM

## 01.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 26	28 / 26	28 / 26
Wind	13 km/h SSW	11 km/h S	6 km/h SE	8 km/h ESE
Humidity	76%	80%	90%	90%
Chance of Precip.	20%	18%	48%	50%
Cloud Cover	26%	84%	87%	83%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 45 AM 17: 41 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 01.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 27	28 / 26
Wind	12 km/h ESE	8 km/h ESE	5 km/h E	4 km/h E
Humidity	83%	85%	90%	93%
Chance of Precip.	20%	20%	8%	14%
Cloud Cover	81%	76%	75%	77%
Conditions	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain	Mostly Cloudy/ Light Rain
Sunrise Sunset	5: 54 AM 17: 50 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 11.27 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	02 Oct 2020	03 Oct 2020	04 Oct 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	31 °C/ 27 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h50m36s/17h44m18s	5h51m00s/17h43m18s	5h51m30s/17h42m30s
<b>Day Length</b>	11h53m42s	11h52m18s	11h51m00s
<b>Moon Rise/ Set</b>	6:16 PM 5:59 AM	6:48 PM 6:49 AM	7:21 PM 7:39 AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 94%
<b>NauticalTwilight</b>	05:02, 18:34	05:02, 18:32	05:02, 18:31
<b>Civil Twilight</b>	05:28, 18:08	05:28, 18:06	05:28, 18:05
<b>Humidity</b>	D : 75% N : 84%	D : 76% N : 84%	D : 76% N : 84%
<b>Barometer (mb)</b>	1003	1004	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	40%	50%
<b>Wind (mph)</b>	10 Km/h SE	10 Km/h SE	12 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	02 Oct 2020	03 Oct 2020	04 Oct 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	32 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h44m18s/17h39m00s	5h44m36s/17h38m00s	5h45m06s/17h37m12s
<b>Day Length</b>	11h54m42s	11h53m24s	11h52m06s
<b>Moon Rise/ Set</b>	6:11 PM 6:53 AM	6:43 PM 6:42 AM	7:17 PM 7:32 AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 94%
<b>NauticalTwilight</b>	04:56, 18:28	04:56, 18:26	04:56, 18:25
<b>Civil Twilight</b>	05:20, 18:02	05:22, 18:00	05:22, 17:59
<b>Humidity</b>	D : 82% N : 92%	D : 82% N : 91%	D : 83% N : 91%
<b>Barometer (mb)</b>	1004	1005	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	70%	70%
<b>Wind (mph)</b>	11 Km/h S	11 Km/h S	12 Km/h SSE

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





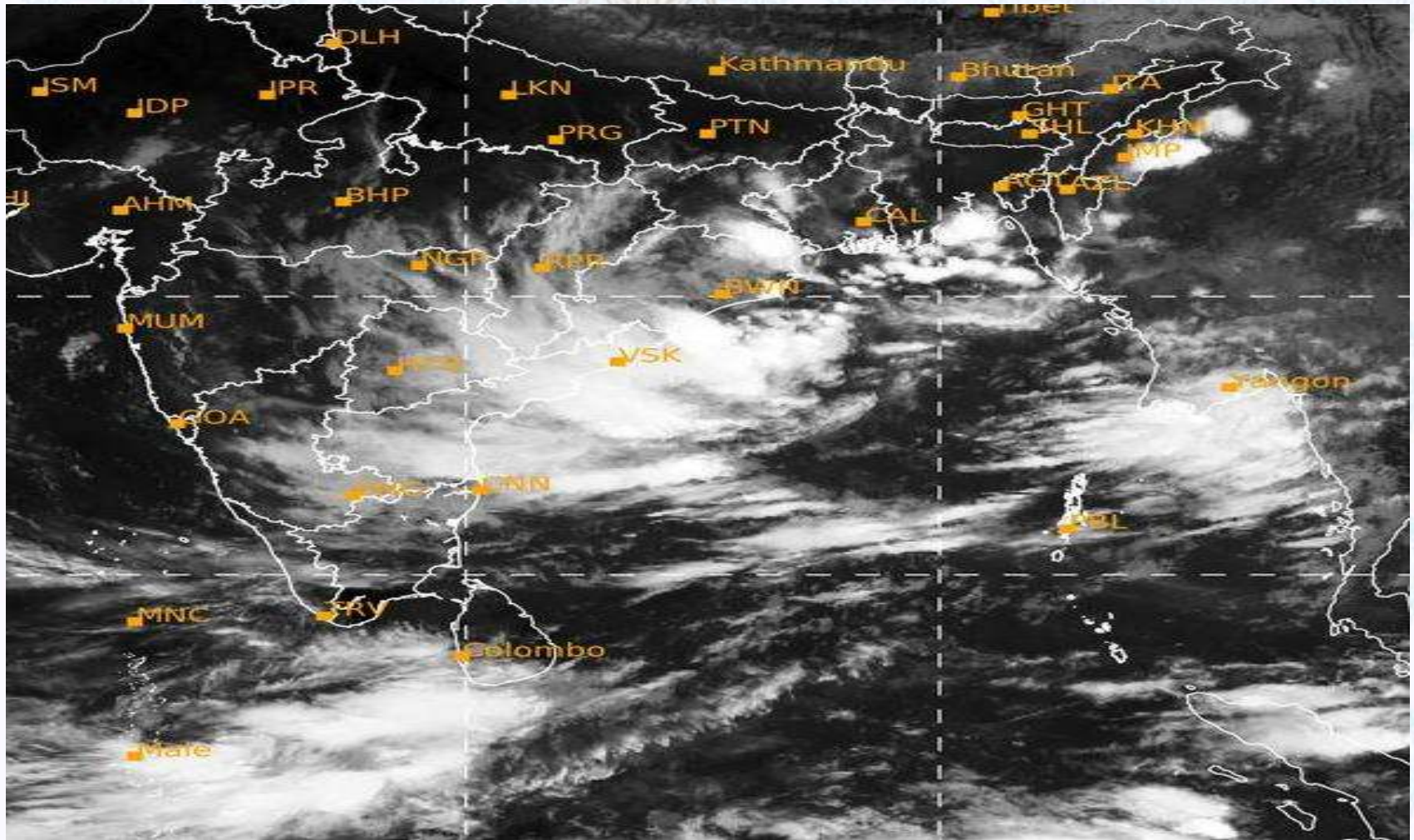
# GENERAL WEATHER FORECAST – KHULNA

Description	02 Oct 2020	03 Oct 2020	04 Oct 2020
<b>Temperature(C)</b>	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h53m36s/17h48m00s	5h54m00s/17h47m00s	5h54m30s/17h46m12s
<b>Day Length</b>	11h54m24s	11h53m00s	11h51m42s
<b>Moon Rise/Set</b>	6:20 PM 6:03 PM	6:52 PM 6:52 PM	7:26 PM 7:42 PM
<b>Moon Phase/illu</b>	Full Moon, 99%	Waning Gibbous, 98%	Waning Gibbous, 94%
<b>Nautical Twilight</b>	05:05, 18:37	05:05, 18:35	05:05, 18:34
<b>Civil Twilight</b>	05:29, 18:11	05:31, 18:09	05:31, 18:08
<b>Humidity</b>	D : 81% N : 89%	D : 81% N : 88%	D : 80% N : 88%
<b>Barometer (mb)</b>	1003	1004	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	70%
<b>Wind (mph)</b>	12 km/h ESE	11 km/h ESE	14 km/h ESE

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



# SATELLITE VIEW OF BAY OF BENGAL



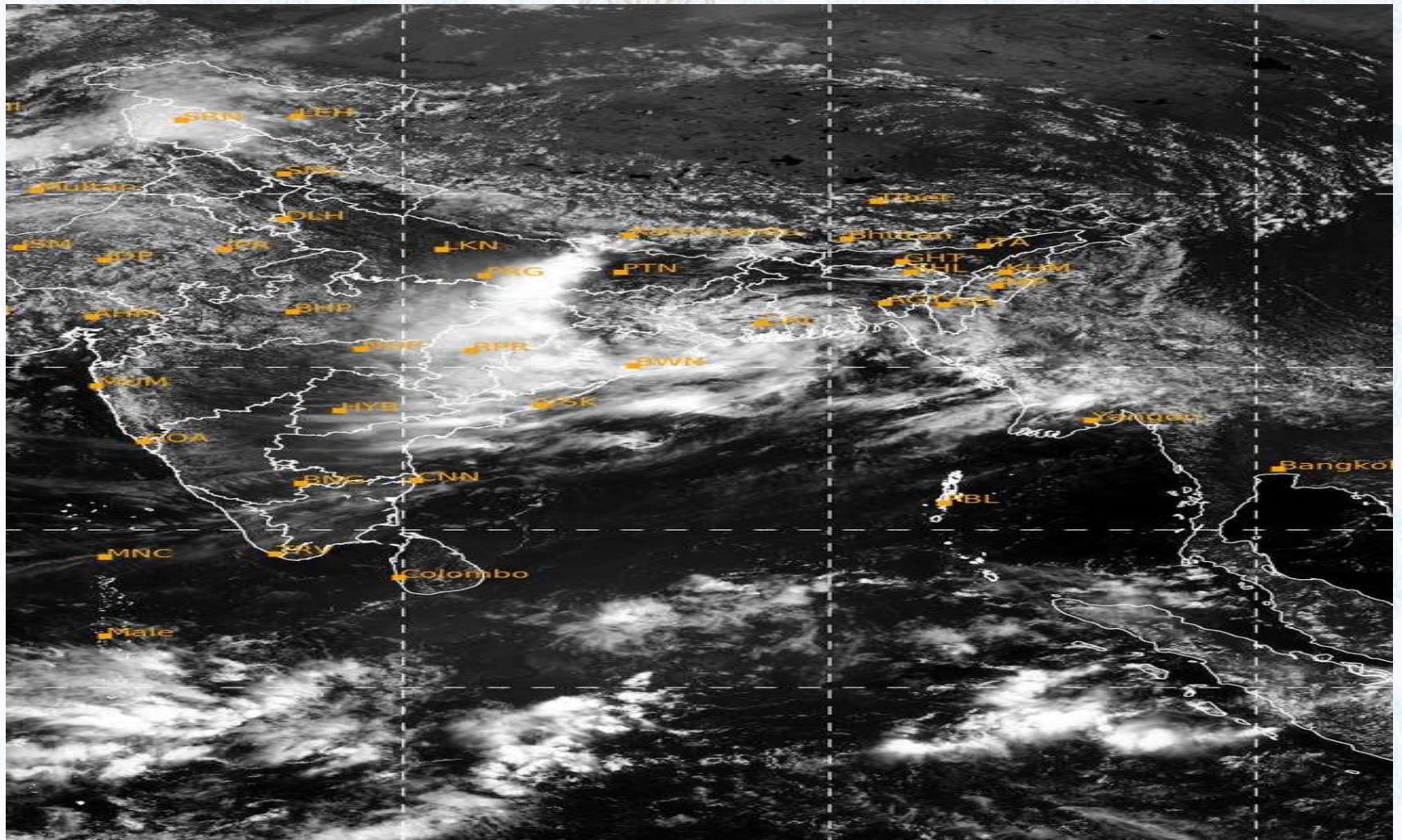
01/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



01/10/2020, 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 01.10.2020)

<b>Part One</b>	<b>NO STORM WARNING.</b>	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 10-15 KTS. TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 METERS OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 01,0000 UTC. CHATTOGRAM =1002 HPA





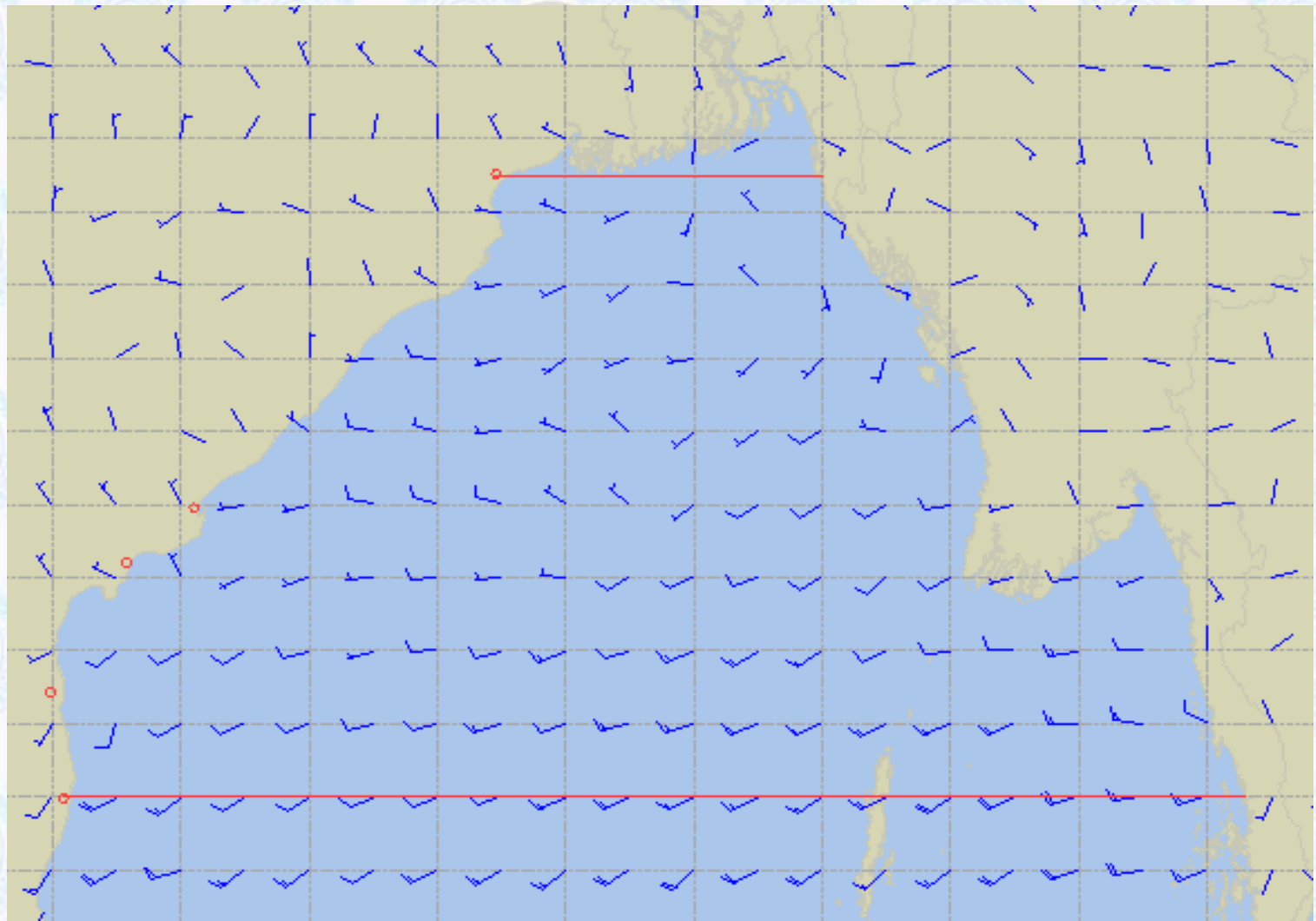
## **Inland River Port Warning** **(VALID TILL 06 PM OF 01.10.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast-02 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



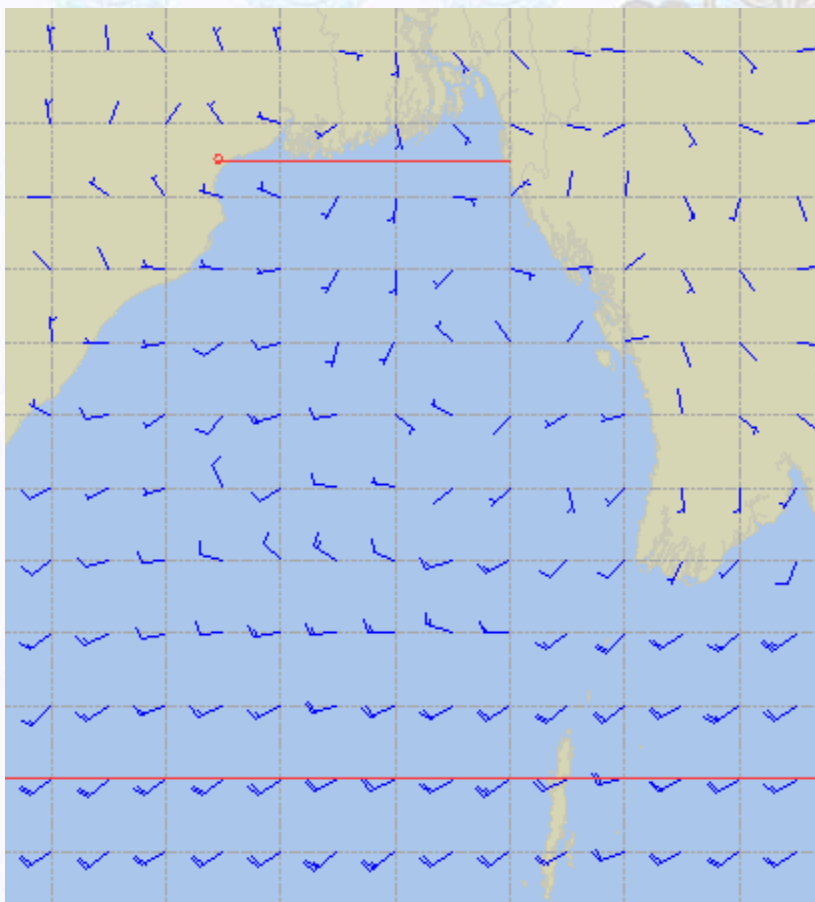
**60 Knots**



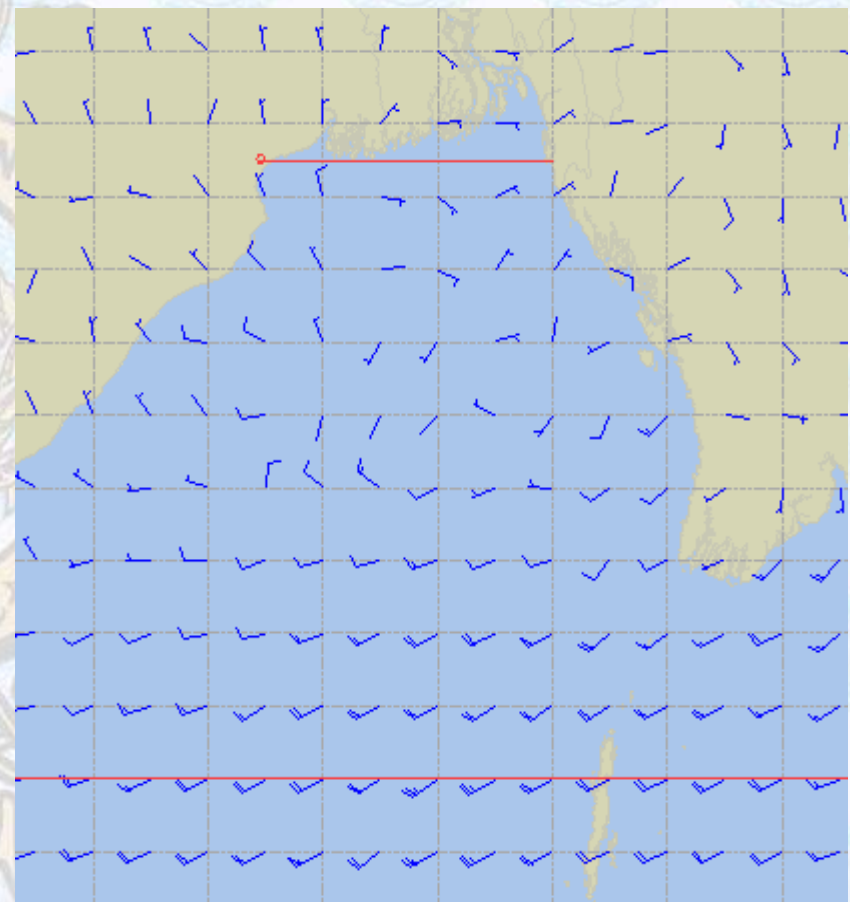


# Surface Wind Forecast – 03 & 04 Oct- 2020

03 Oct 20 Saturday



04 Oct 20 Sunday



**Legend:**



**Calm  
Winds**



**5 Knots**



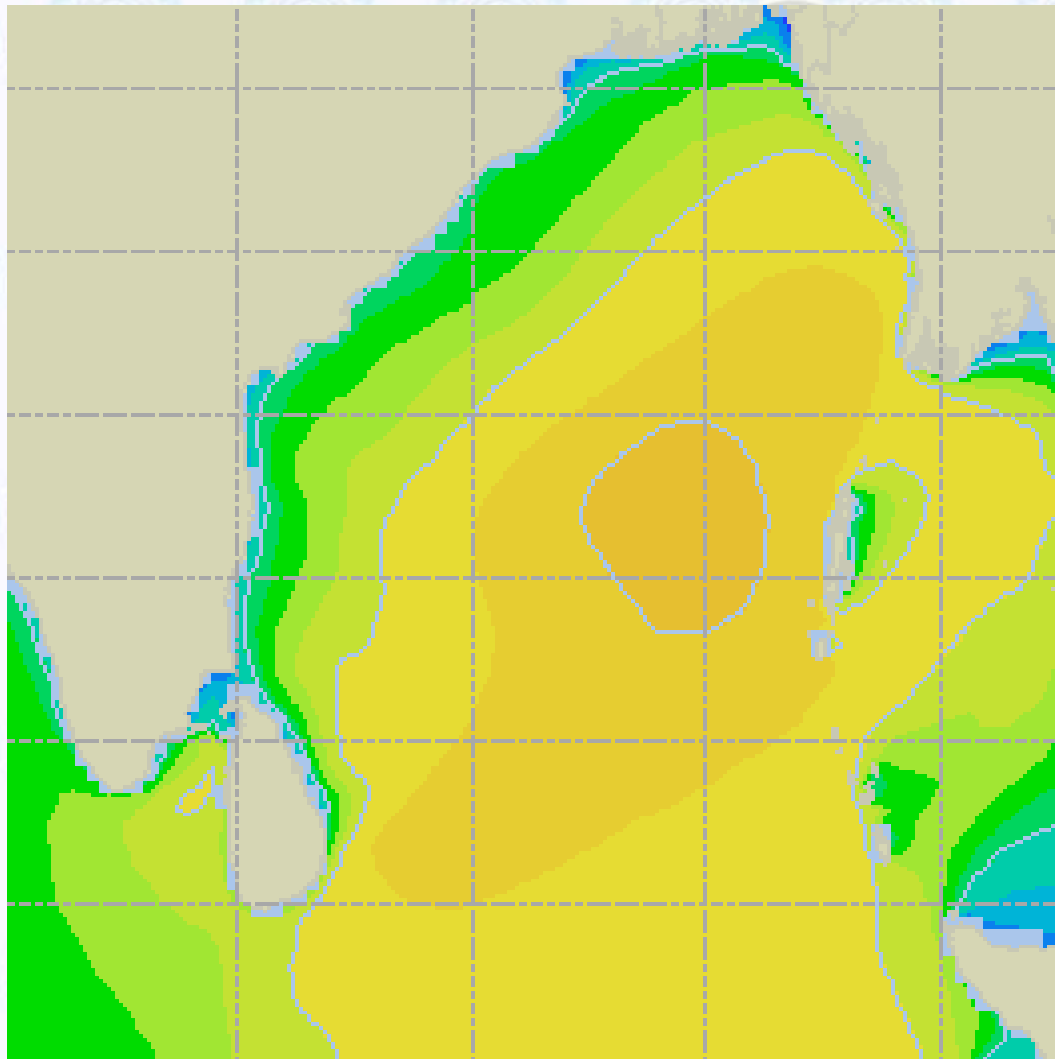
**10 Knots**



**60 Knots**



# Sea State Forecast – 02 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

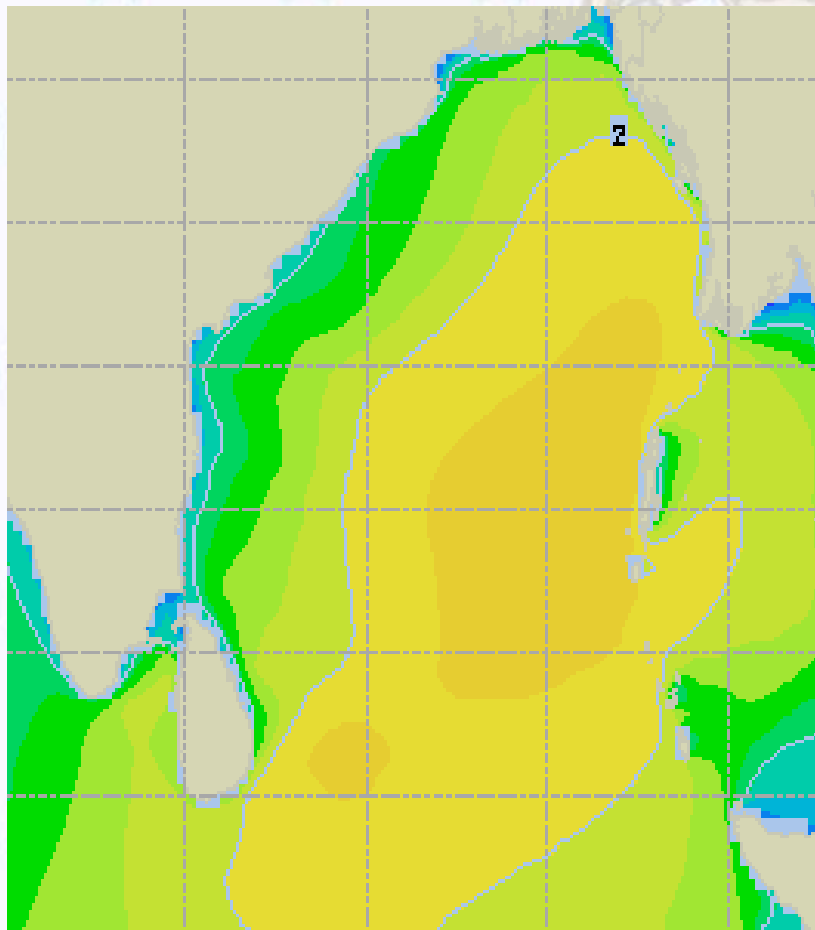




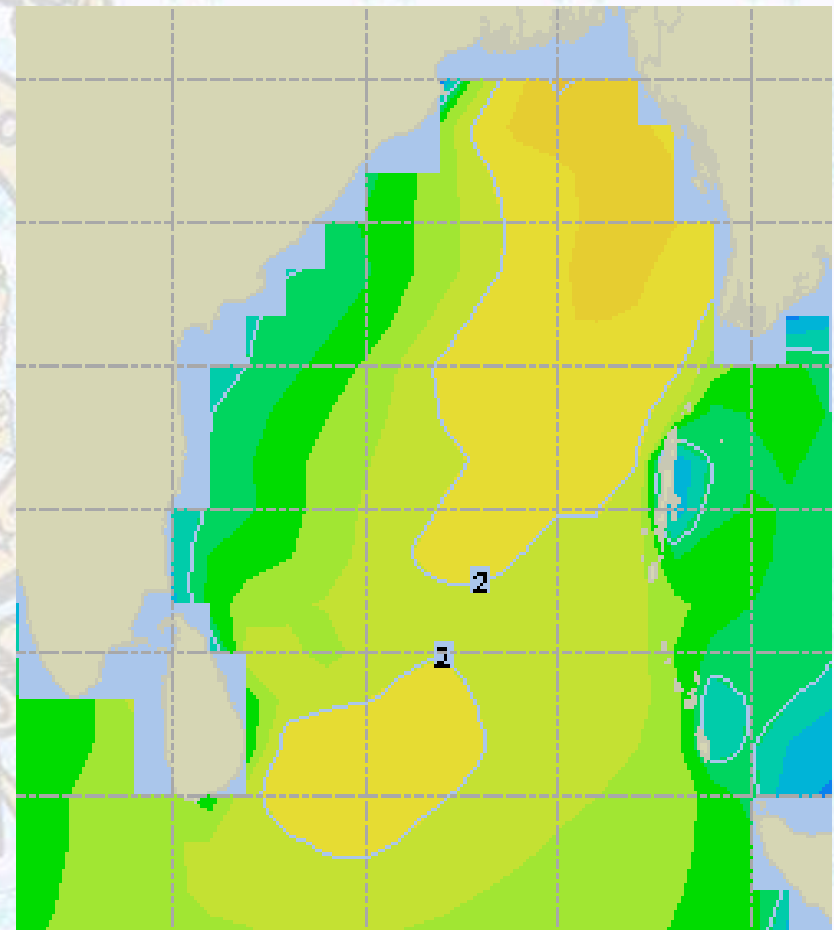


# Sea State Forecast – 03 & 04 Oct- 2020

03 Oct 20 Saturday



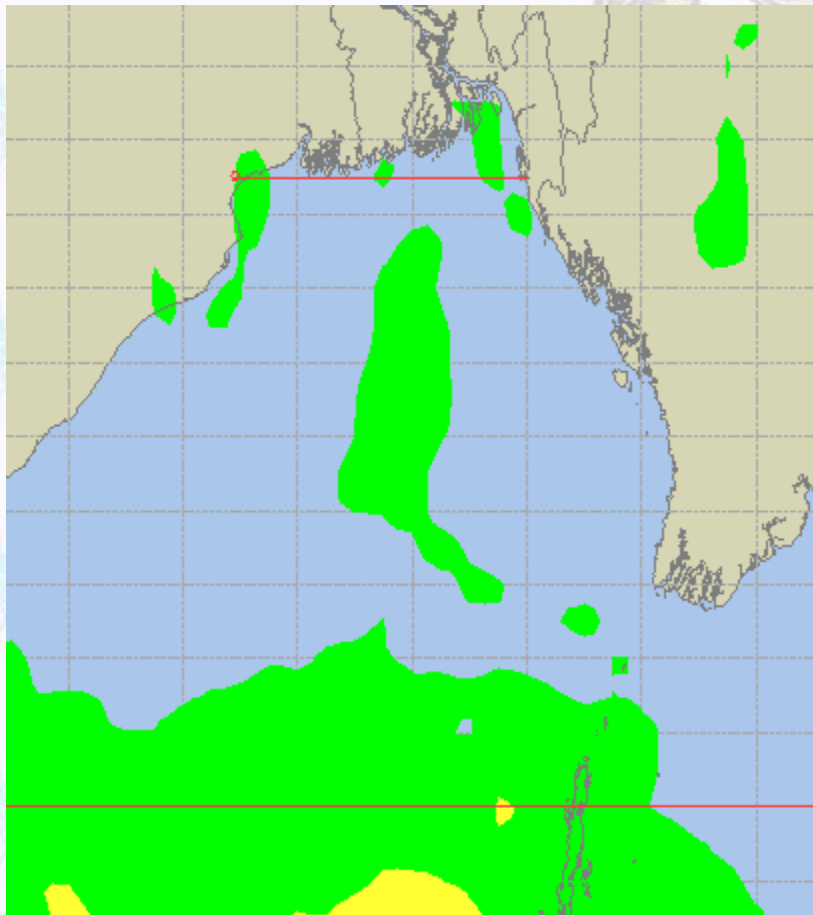
04 Oct 20 Sunday



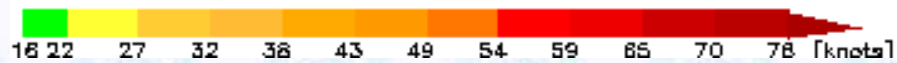
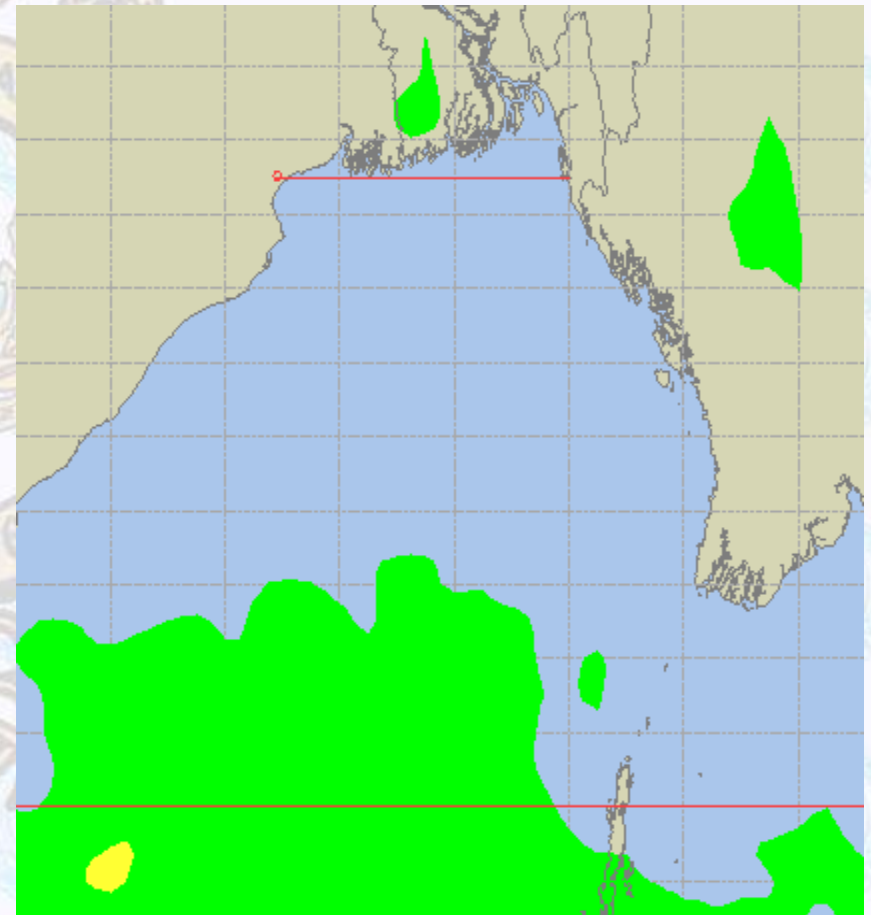


# Peak Gusting Possibilities– 02 & 03 Oct 2020

02 Oct 20 Friday



03 Oct 20 Saturday

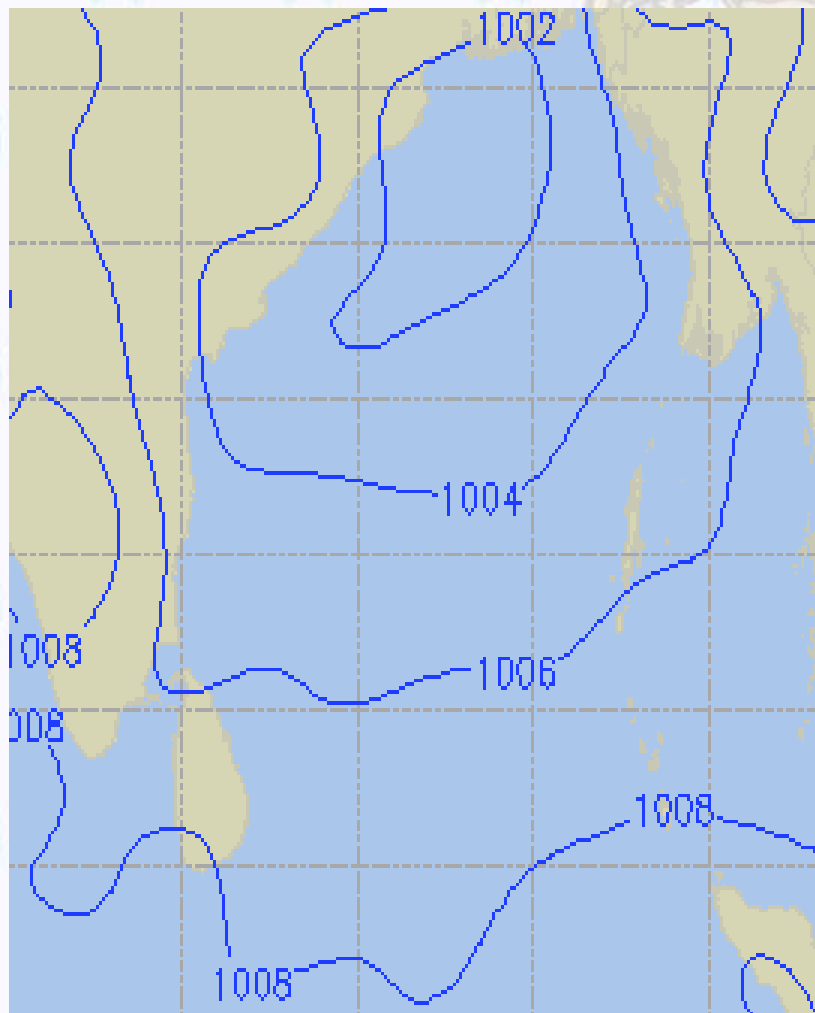




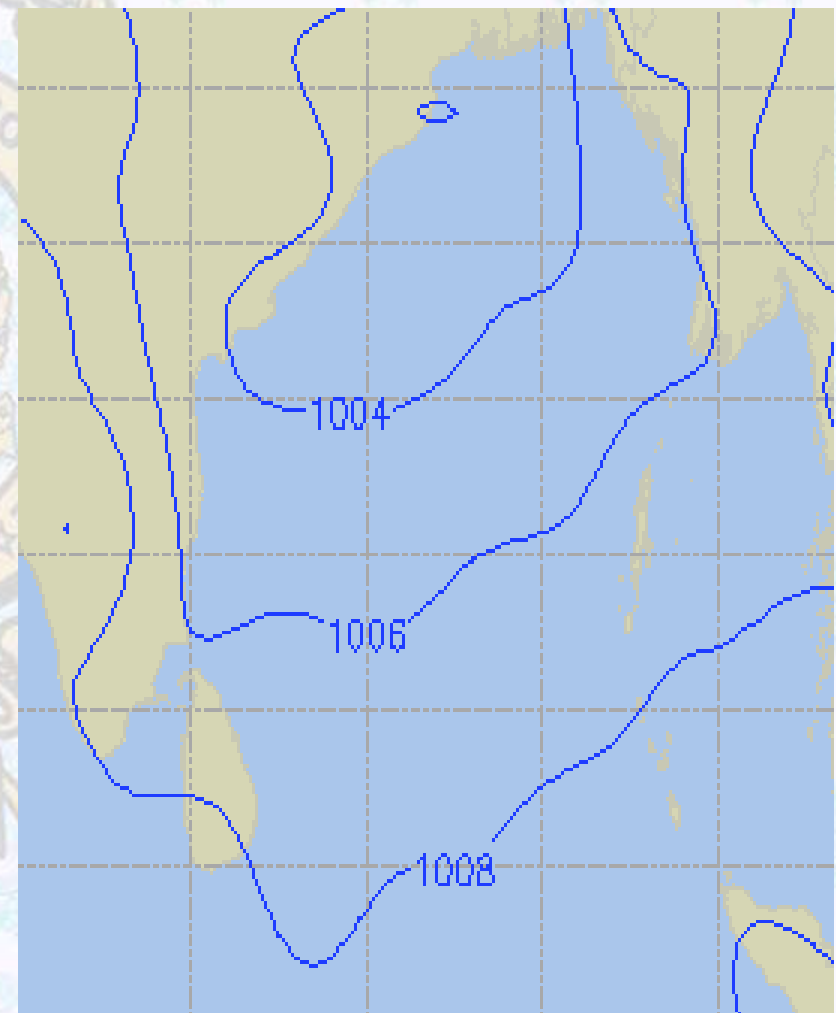


# Surface Pressure forecast– 02 & 03 Oct 2020

02 Oct 20 Friday



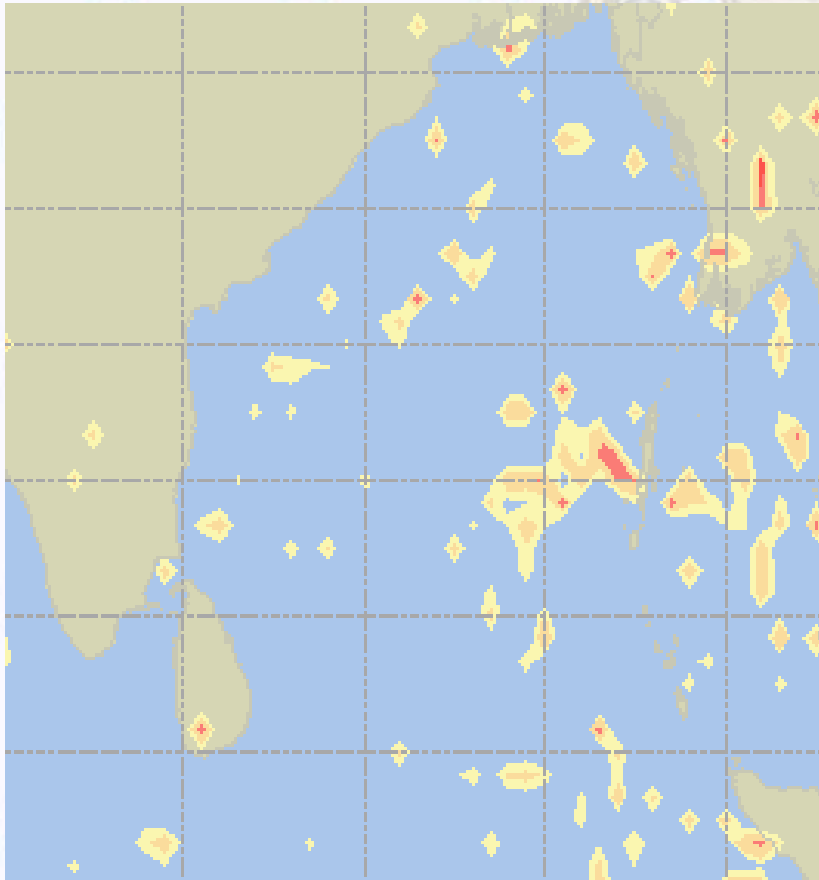
03 Oct 20 Saturday



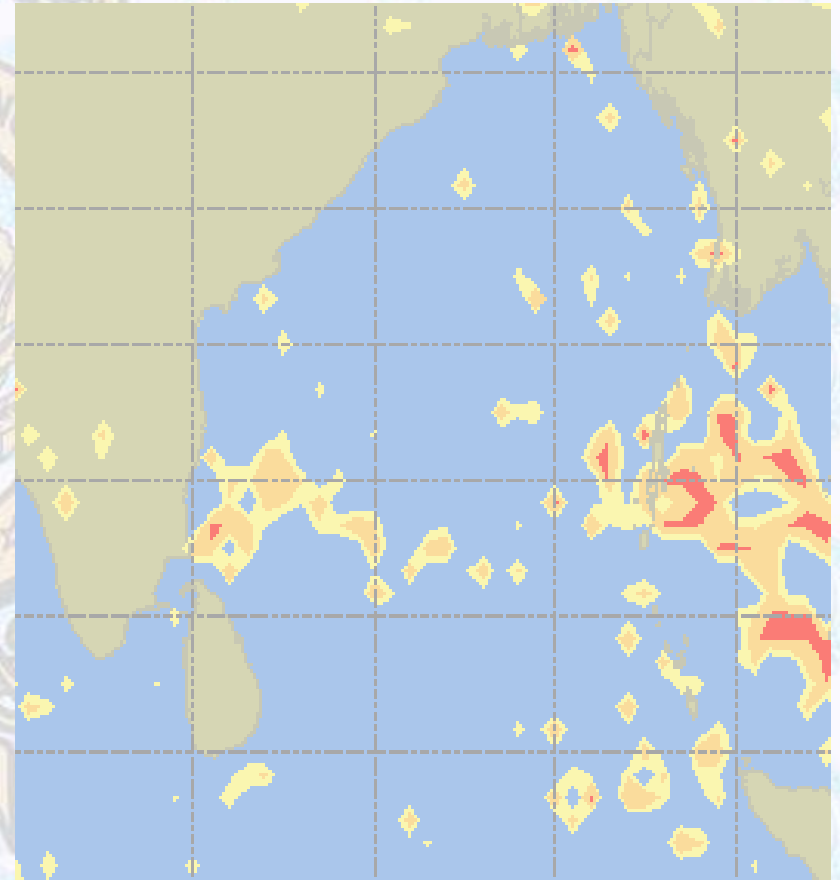


# Visibility at Sea Forecast – 02 & 03 Oct 2020

02 Oct 20 Friday



03 Oct 20 Saturday



**Visibility Scale:**



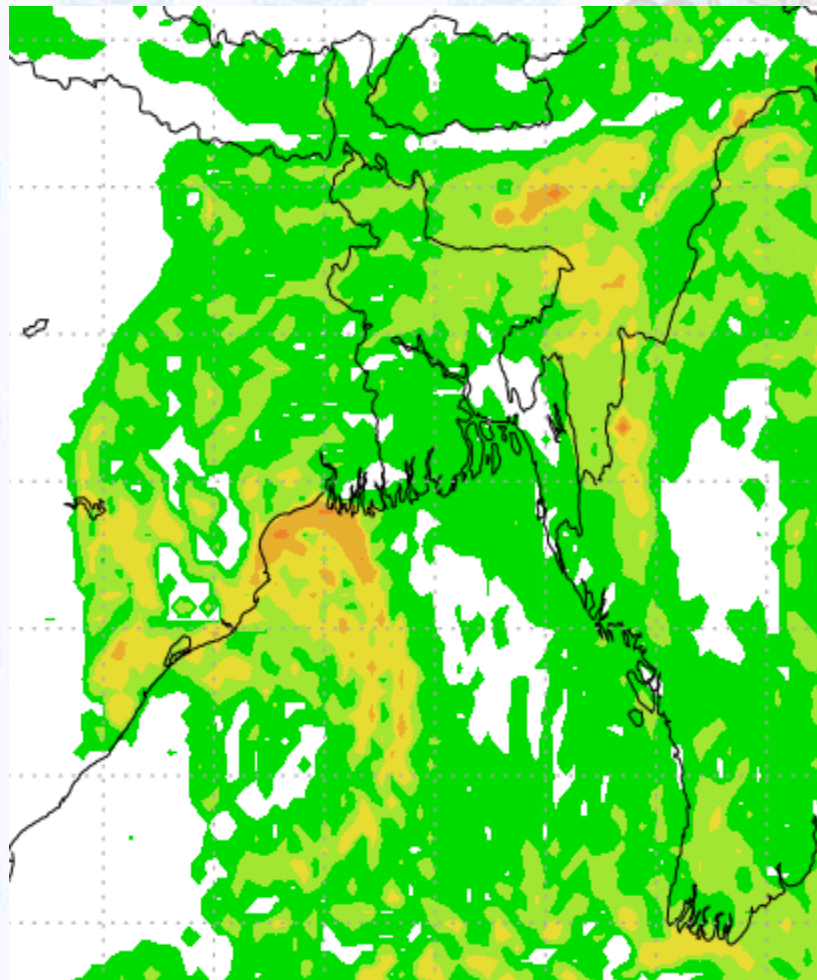
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



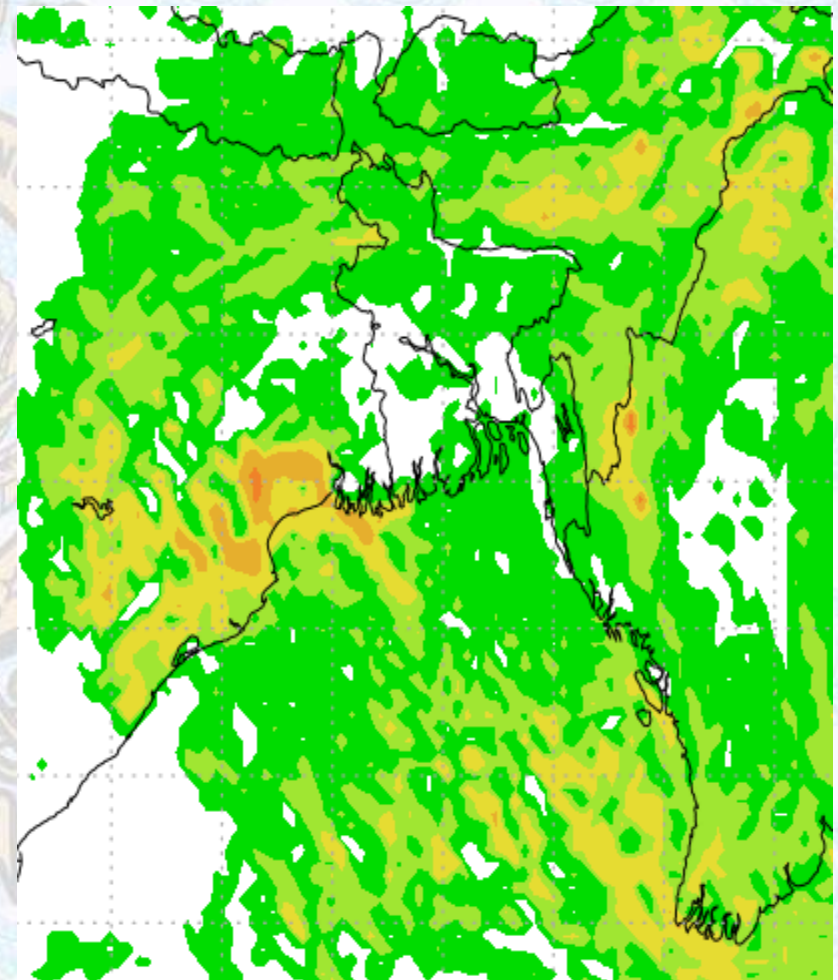


# Precipitation

Rain(mm) 02 & 03 Oct 2020



Rain(mm) 03 & 04 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>02 Oct 2020</b>	0112	5.09		0523	0.84		0455	0.88
	0734	0.56		1057	3.50		1050	3.15
	1318	5.07		1736	0.80		1707	0.80
	1947	0.53		2314	3.53		2307	3.24
<b>03 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0135	5.15		0554	0.83		0523	0.86
	0801	0.52		1128	3.48		1115	3.12
	1343	5.09		1805	0.79		1731	0.79
	2012	0.50		2344	3.51		2331	3.23
<b>04 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0159	5.16		0623	0.84		0549	0.88
	0827	0.52		1158	3.40		1140	3.07
	1410	5.05		1833	0.81		1755	0.80
	2036	0.49		-	-		2356	3.20