



# WEATHER FORECAST FOR BN

*02 OCT-05 OCT 2020*



# WEATHER FORECAST – DHAKA

## 02.10.2020

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

## 02.10.2020

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

## 02.10.2020

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	03 Oct 2020	04 Oct 2020	05 Oct 2020
<b>Temperature (C)</b>	31 °C/ 27 °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>	5h51m00s/17h43m18s	5h51m30s/17h42m30s	5h52m00s/17h41m30s
<b>Day Length</b>	11h52m18s	11h51m00s	11h51m30s
<b>Moon Rise/ Set</b>	6:48 PM 6:49 AM	7:21 PM 7:39 AM	7:54 PM 8:12 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 90%
<b>NauticalTwilight</b>	05:02, 18:32	05:02, 18:31	05:02, 18:31
<b>Civil Twilight</b>	05:28, 18:06	05:28, 18:05	05:28, 18:05
<b>Humidity</b>	D : 76% N : 84%	D : 76% N : 84%	D : 76% N : 84%
<b>Barometer (mb)</b>	1004	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	40%	50%	50%
<b>Wind (mph)</b>	10 Km/h SE	12 Km/h SE	12 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	03 Oct 2020	04 Oct 2020	05 Oct 2020
<b>Temperature (C)</b>	32 °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>	5h44m36s/17h38m00s	5h45m06s/17h37m12s	5h45m36s/17h36m18s
<b>Day Length</b>	11h53m24s	11h52m06s	11h52m36s
<b>Moon Rise/ Set</b>	6:43 PM 6:42 AM	7:17 PM 7:32 AM	7:54 PM 8:12 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 90%
<b>NauticalTwilight</b>	04:56, 18:26	04:56, 18:25	04:56, 18:25
<b>Civil Twilight</b>	05:22, 18:00	05:22, 17:59	05:22, 17:59
<b>Humidity</b>	D : 82% N : 91%	D : 83% N : 91%	D : 80% N : 91%
<b>Barometer (mb)</b>	1005	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	70%	70%
<b>Wind (mph)</b>	11 Km/h S	12 Km/h SSE	12 Km/h SSE

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



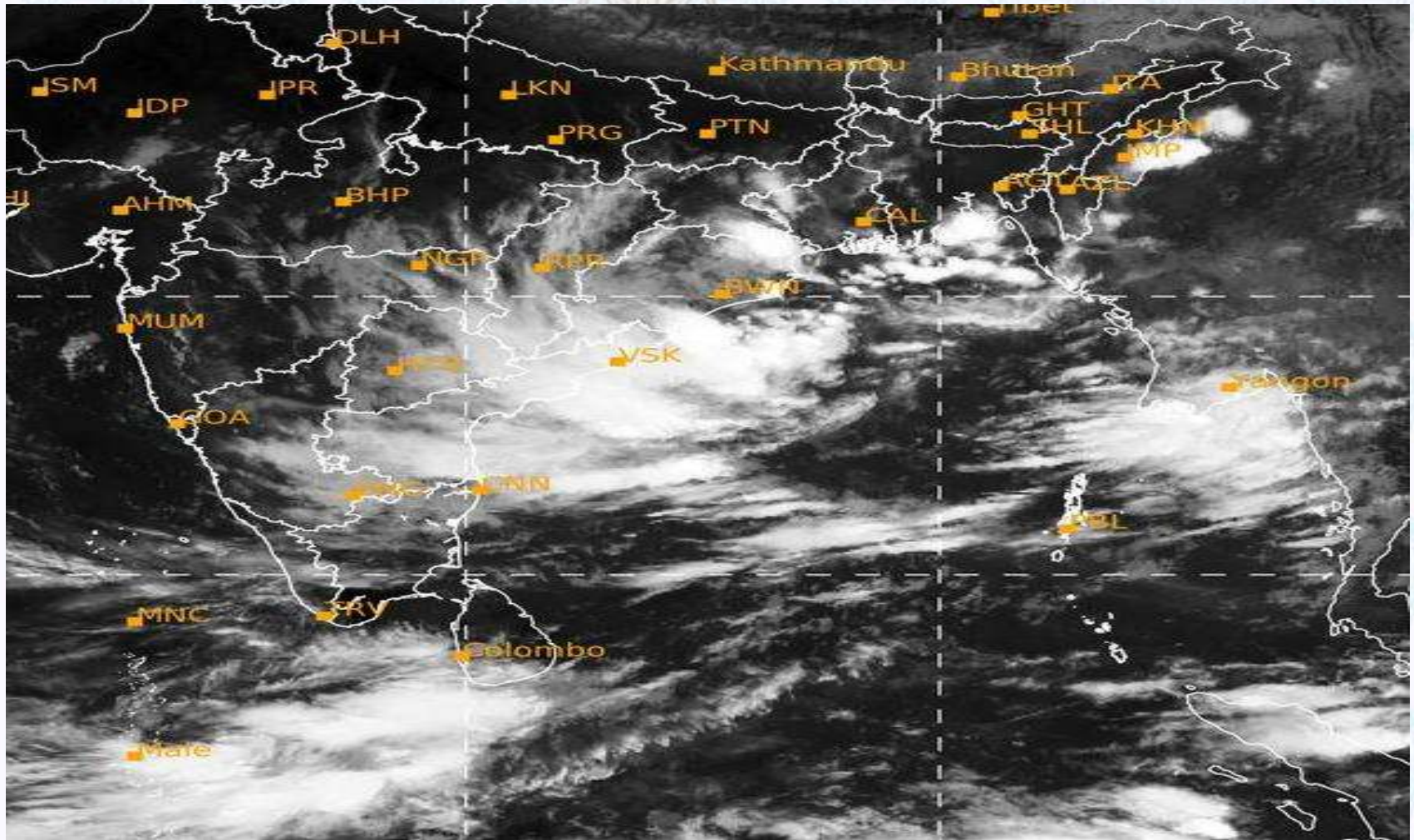
# GENERAL WEATHER FORECAST – KHULNA

Description	03 Oct 2020	04 Oct 2020	05 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>	5h54m00s/17h47m00s	5h54m30s/17h46m12s	5h55m00s/17h45m18s
<b>Day Length</b>	11h53m00s	11h51m42s	11h50m00s
<b>Moon Rise/Set</b>	6:52 PM 6:52 PM	7:26 PM 7:42 PM	7:54 PM 8:12 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 90%
<b>Nautical Twilight</b>	05:05, 18:35	05:05, 18:34	05:05, 18:34
<b>Civil Twilight</b>	05:31, 18:09	05:31, 18:08	05:31, 18:08
<b>Humidity</b>	D : 81% N : 88%	D : 80% N : 88%	D : 80% N : 88%
<b>Barometer (mb)</b>	1004	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	70%	70%
<b>Wind (mph)</b>	11 km/h ESE	14 km/h ESE	14 km/h ESE

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



# SATELLITE VIEW OF BAY OF BENGAL



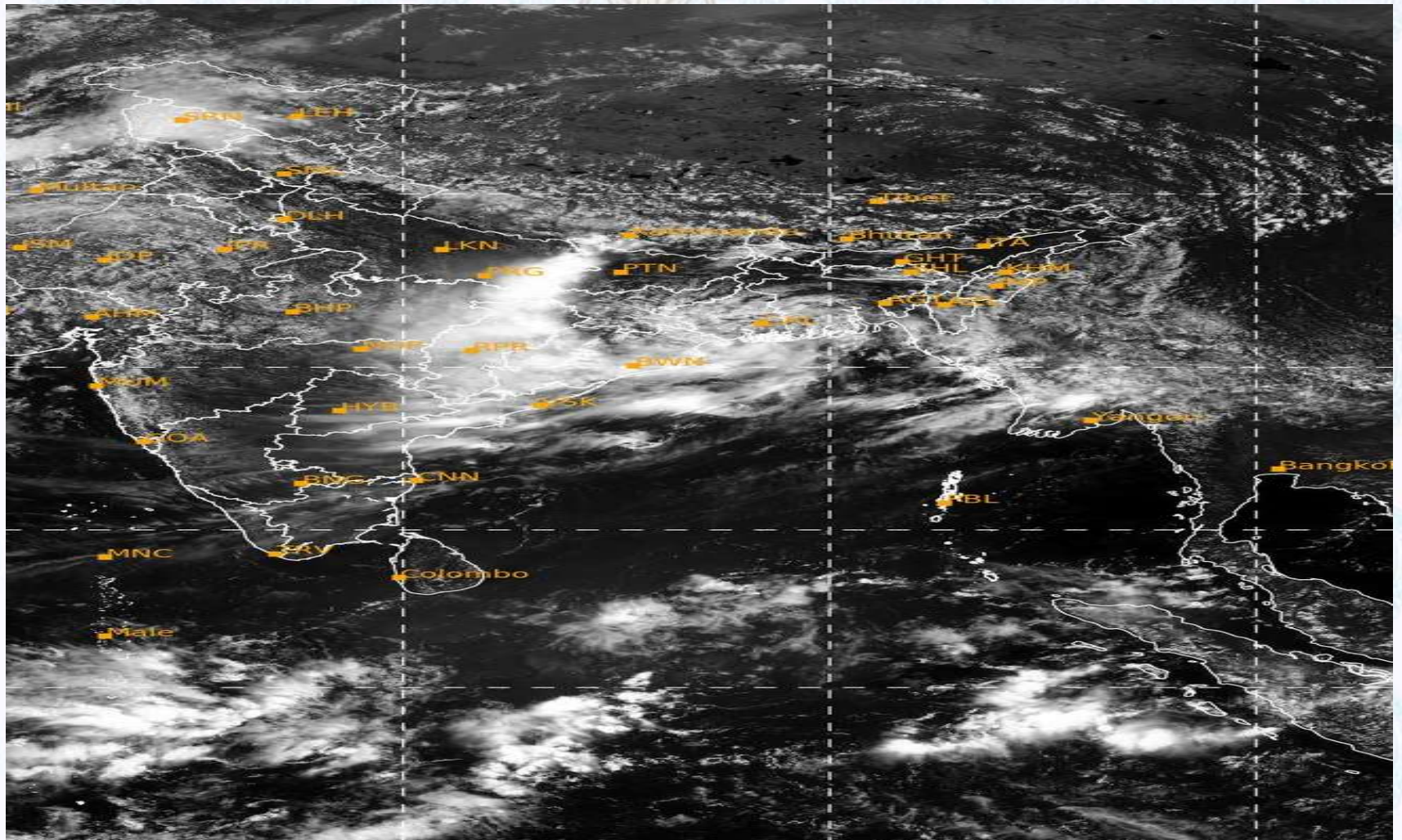
02/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



02/10/2020, 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 02.10.2020)

<b>Part One</b>	<b>NO STORM WARNING.</b>	
<b>Part Two</b>	A LOW PRESSURE AREA HAS FORMED OVER NORTH-WEST BAY AND ADJOINING WEST CENTRAL BAY. MONSOON IS MODERATE TO STRONG ELSEWHERE OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 08-12 KTS, TEMPORARY GUSTING TO 22 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 = 02,0000 UTC. CHATTOGRAM =1002 HPA



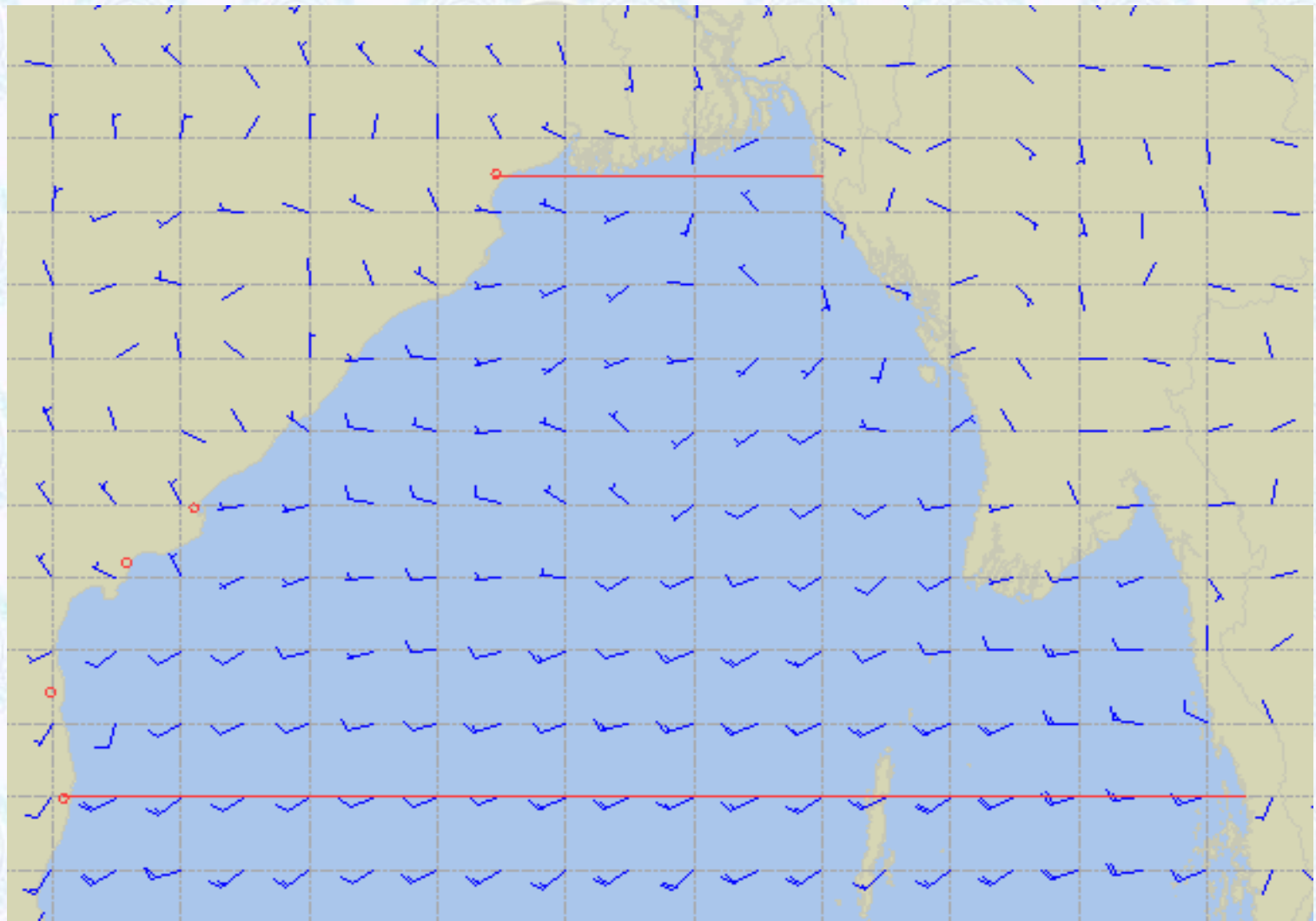
## **Inland River Port Warning** **(VALID TILL 06 PM OF 02.10.2020)**

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

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



# Surface Wind Forecast- 03 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**

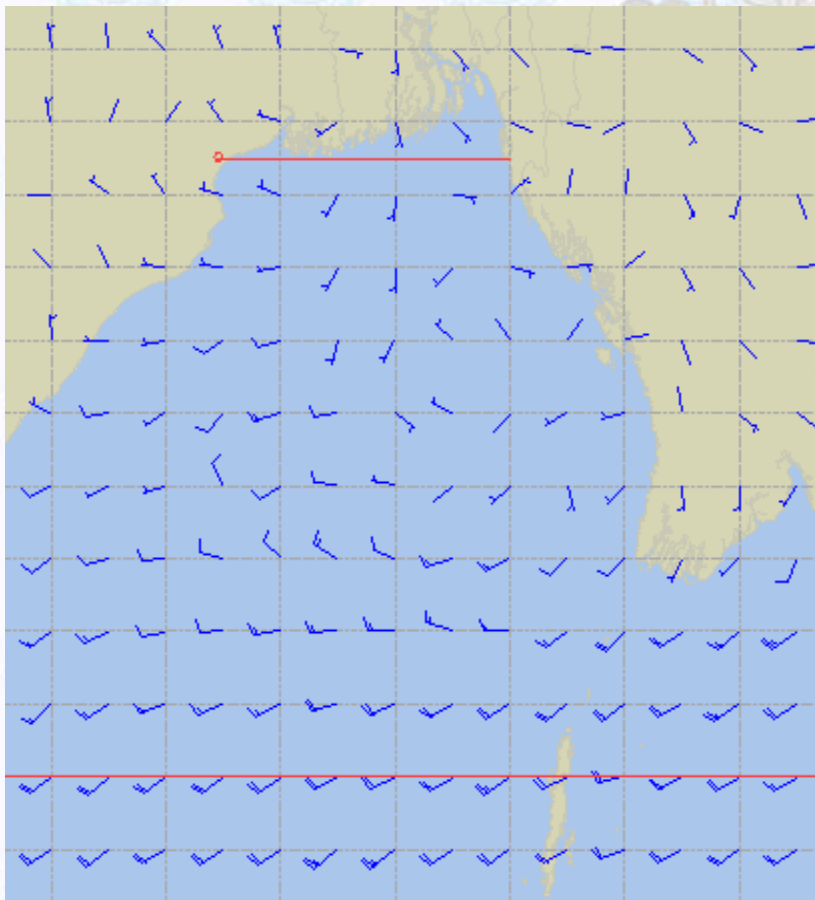


**60 Knots**

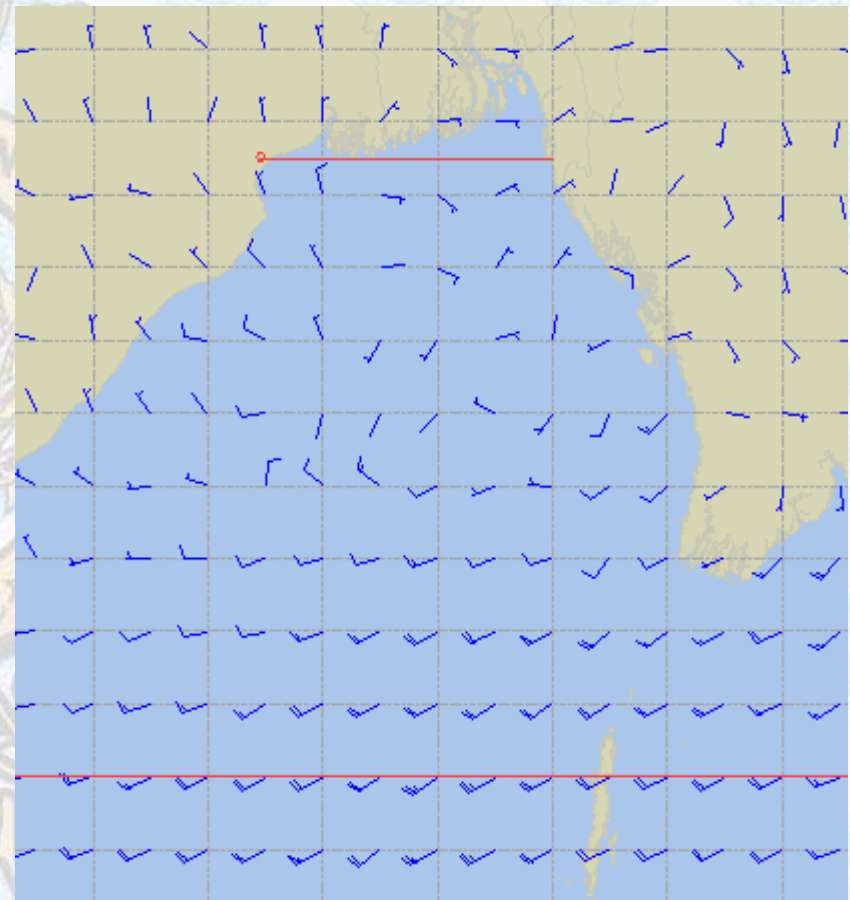


# Surface Wind Forecast – 04 & 05 Oct- 2020

04 Oct 20 Sunday



05 Oct 20 Monday



**Legend:**



**Calm  
Winds**



**5 Knots**



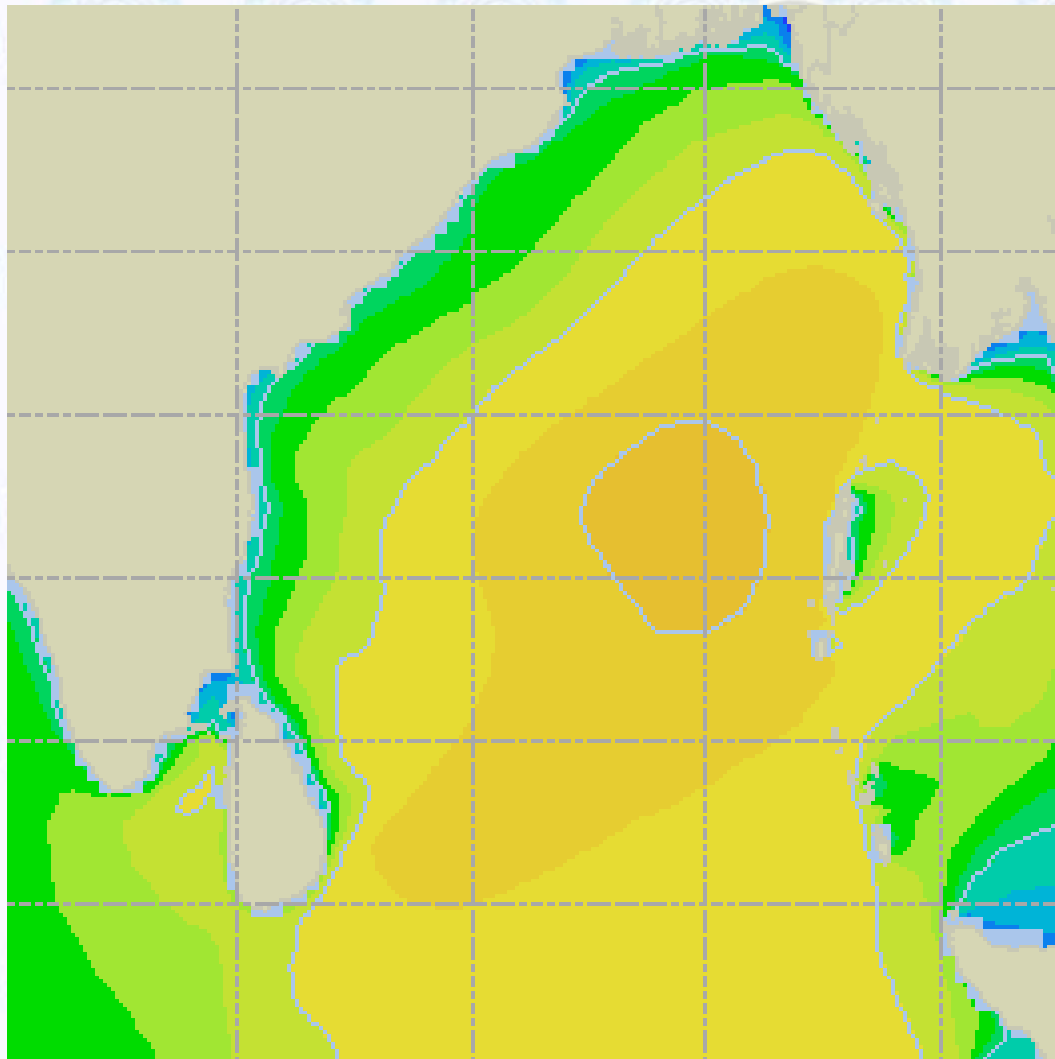
**10 Knots**



**60 Knots**



# Sea State Forecast – 03 Oct- 2020



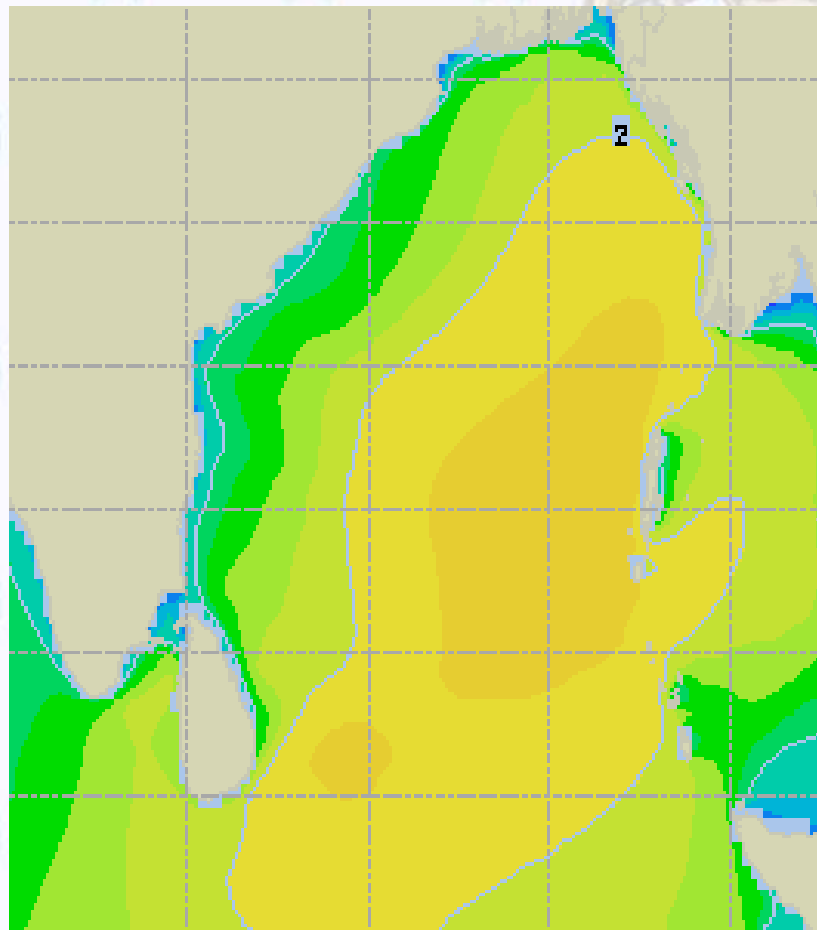
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



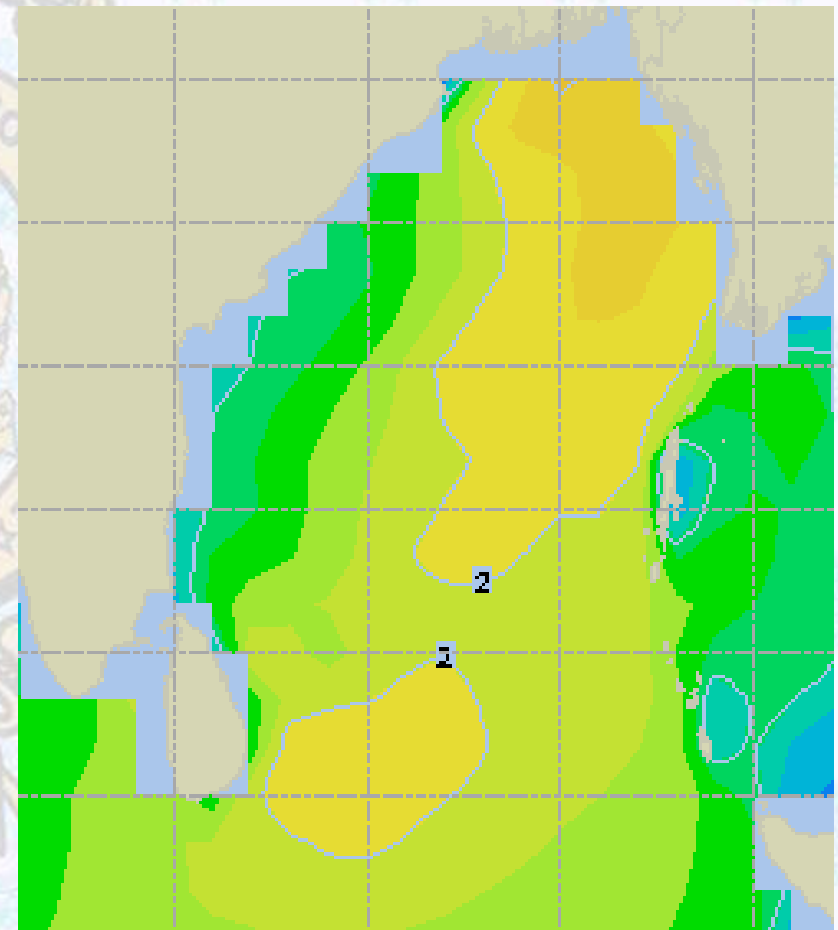


# Sea State Forecast – 04 & 05 Oct- 2020

04 Oct 20 Sunday



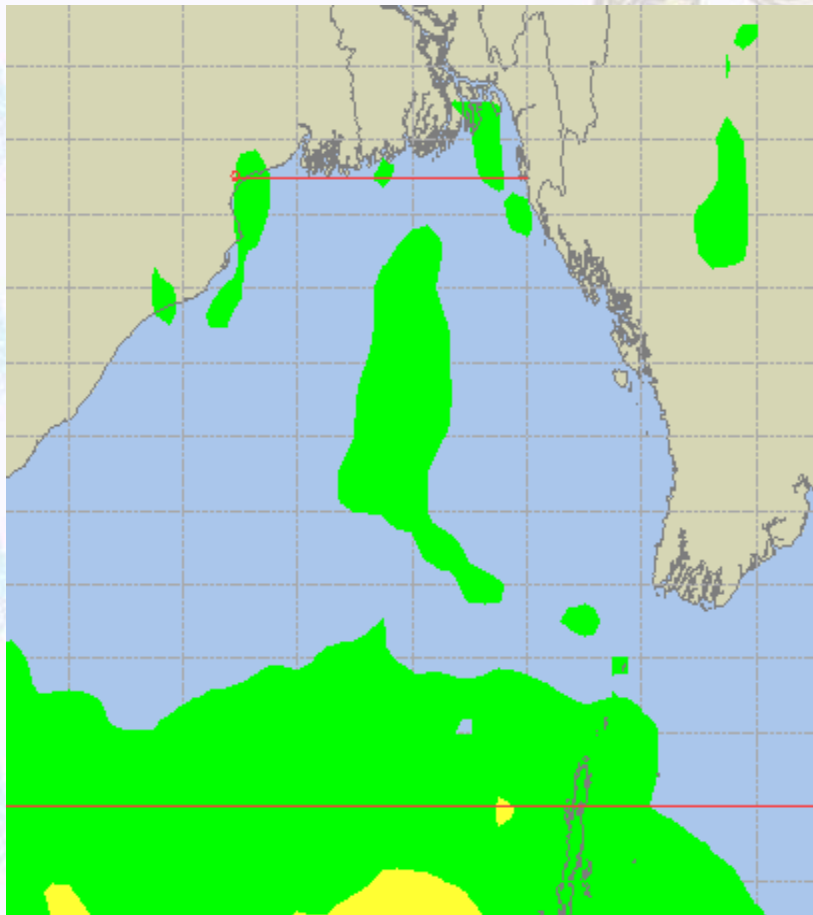
05 Oct 20 Monday



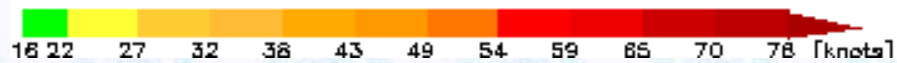
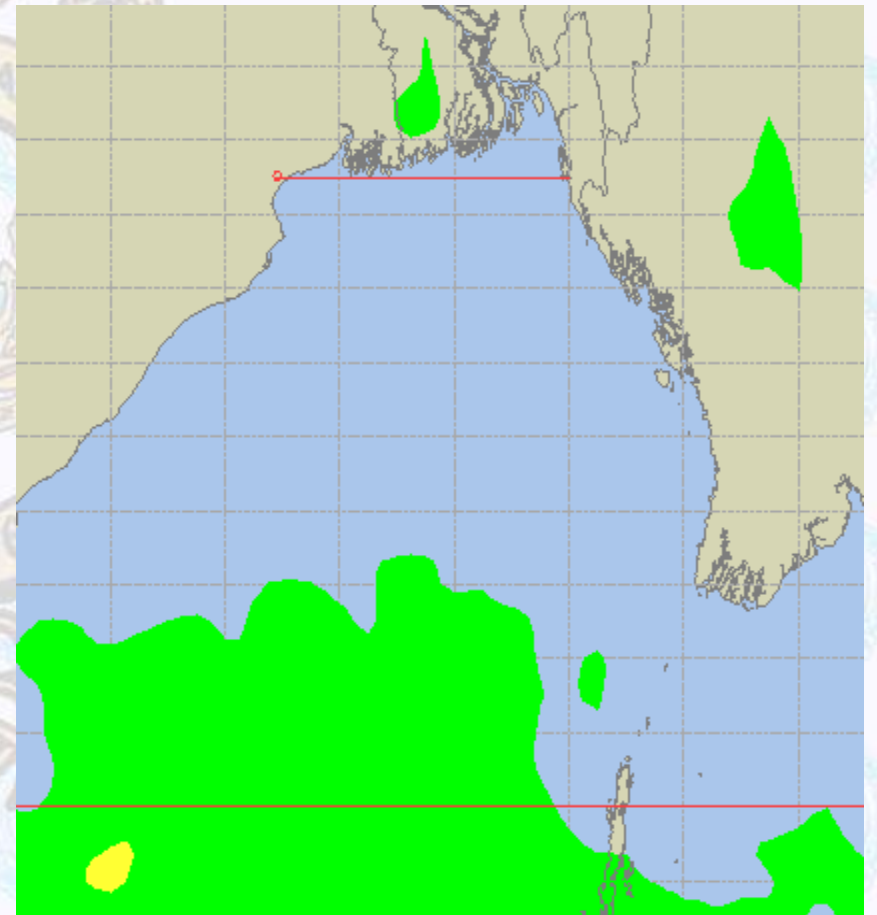


# Peak Gusting Possibilities– 03 & 04 Oct 2020

03 Oct 20 Saturday



04 Oct 20 Sunday

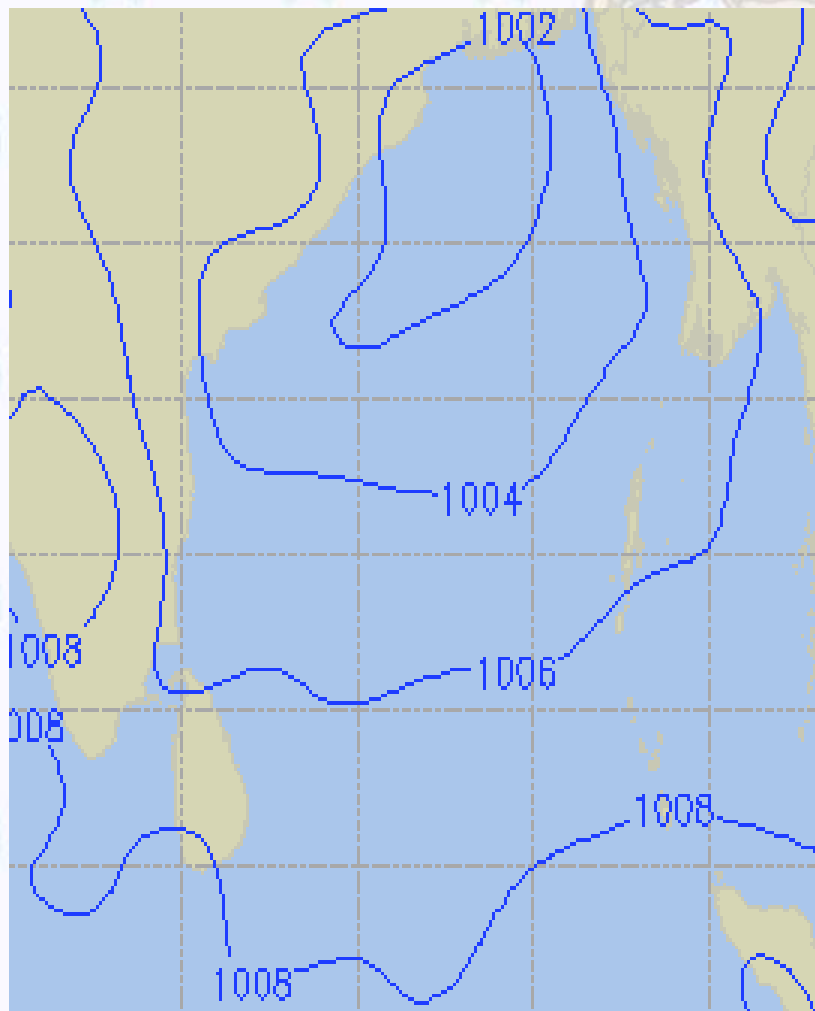




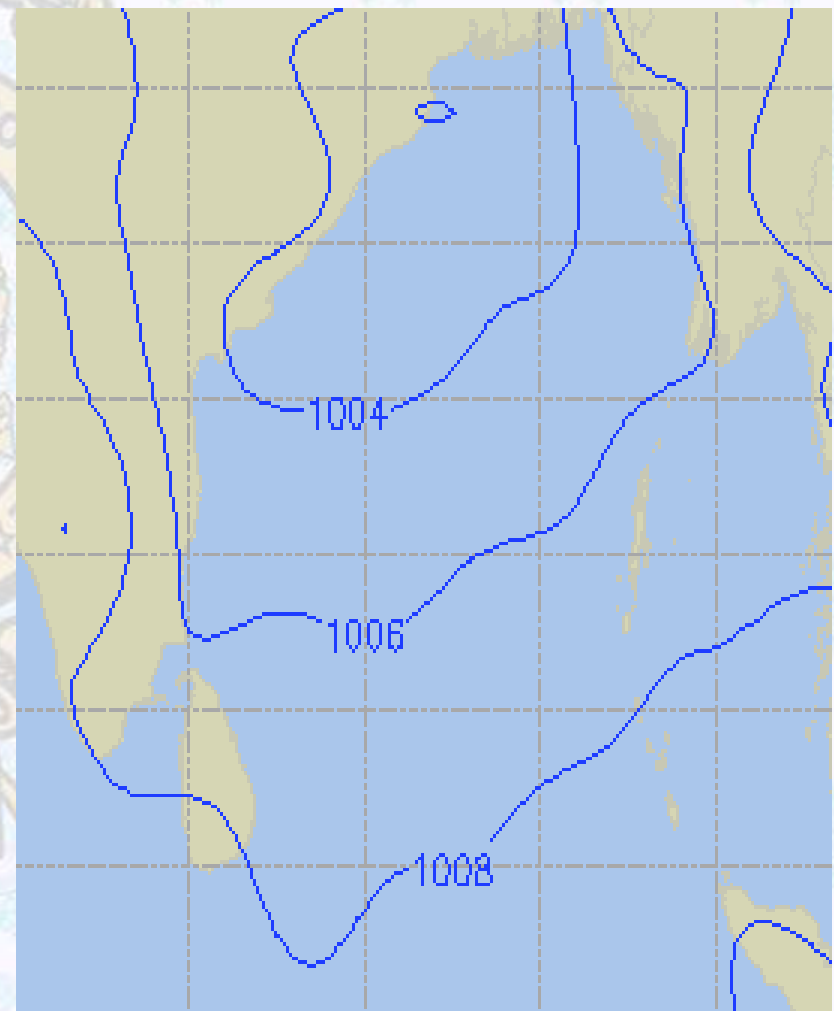


# Surface Pressure forecast– 03 & 04 Oct 2020

03 Oct 20 Saturday



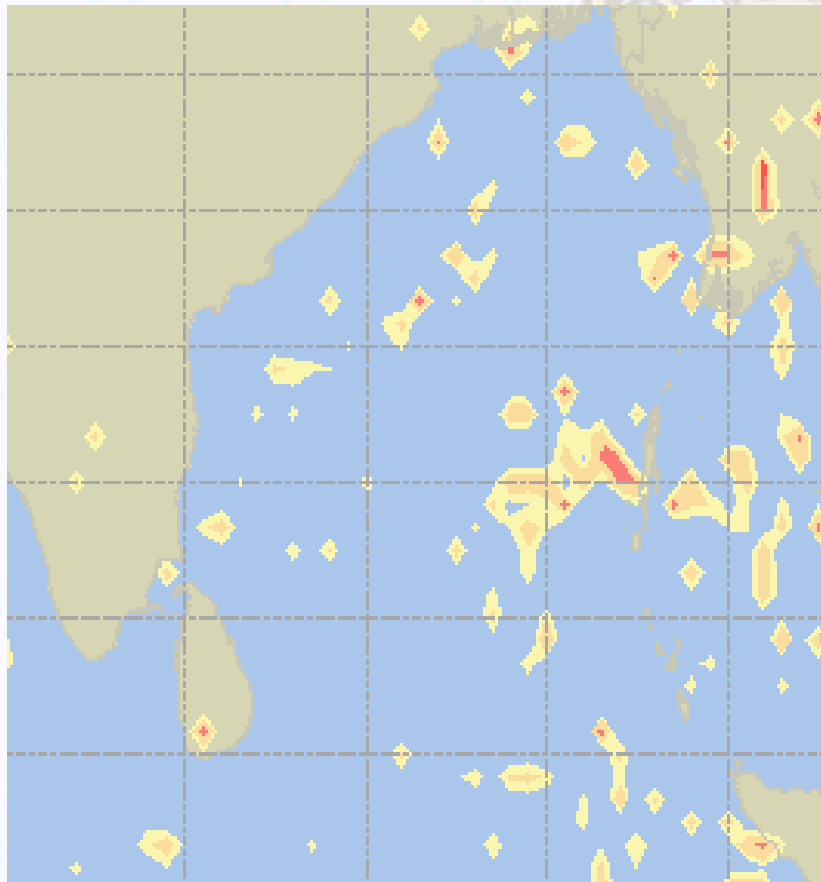
04 Oct 20 Sunday



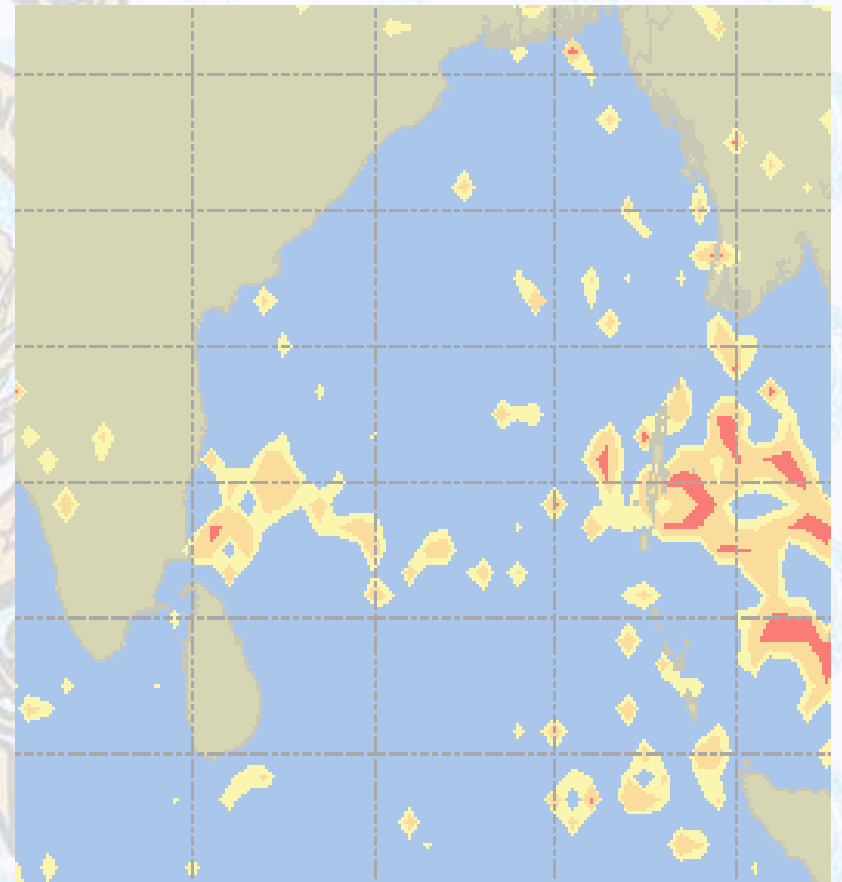


# Visibility at Sea Forecast – 03 & 04 Oct 2020

03 Oct 20 Saturday



04 Oct 20 Sunday



**Visibility Scale:**

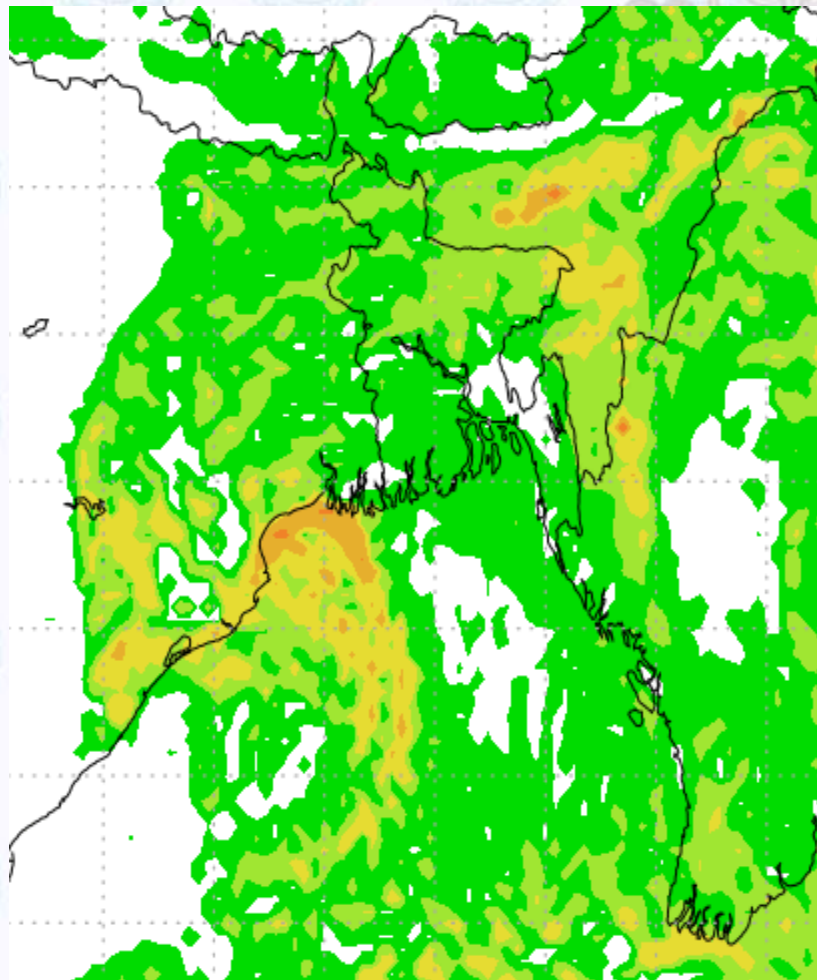


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

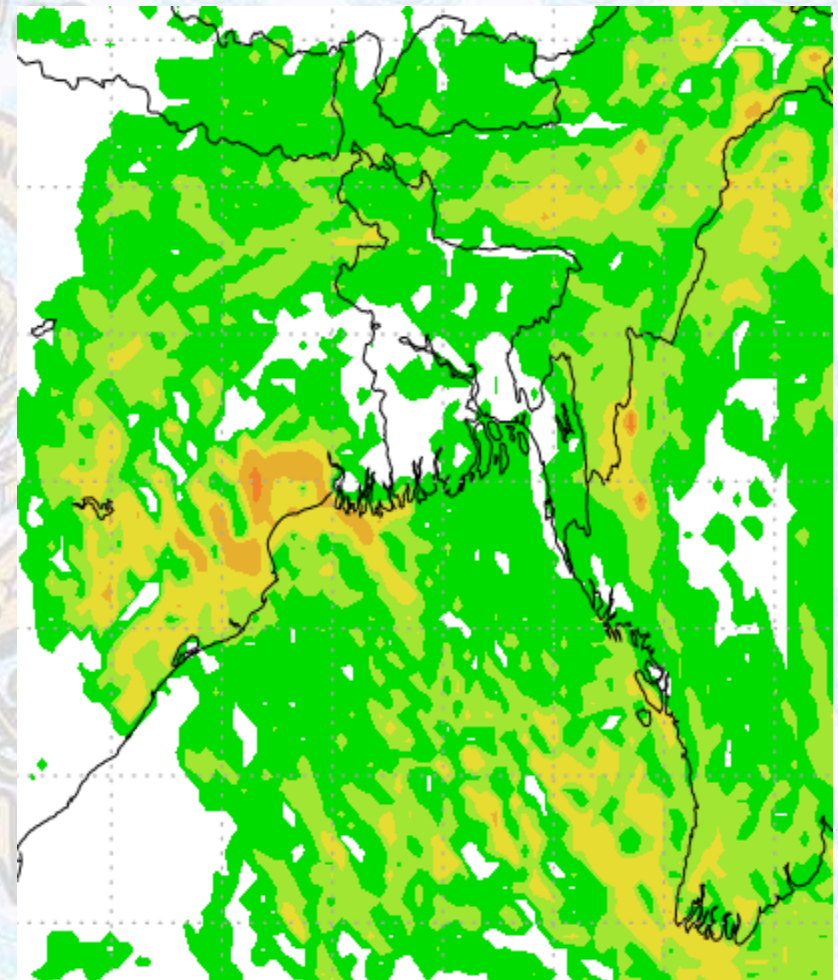


# Precipitation

Rain(mm) 03 & 04 Oct 2020



Rain(mm) 04 & 05 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

Date	Time	Height		Time	Height		Time	Height
03 Oct 2020	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
04 Oct 2020	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
05 Oct 2020	0224	5.12		0015	3.43		0616	0.93
	0854	0.55		0651	0.87		1207	3.00
	1438	4.94		1228	3.27		1820	0.85
	2102	0.52		1900	0.86		-	-