



# WEATHER FORECAST FOR BN

*05 OCT-08 OCT 2020*



# WEATHER FORECAST – DHAKA

## 05.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 25	30 / 24	28 / 24	28 / 24
Wind	12 km/h SSE	10 km/h S	7 km/h SE	6 km/h SE
Humidity	73%	74%	80%	81%
Chance of Precip	24%	21%	1%	13%
Cloud Cover	77%	77%	85%	86%
Conditions	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy
Sunrise Sunset	05: 55 AM 17: 45 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 8.08 km

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





# WEATHER FORECAST – CHATTOGRAM

## 05.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 26	28 / 26	28 / 26
Wind	12 km/h SSW	11 km/h S	9 km/h SE	9 km/h SE
Humidity	81%	84%	89%	89%
Chance of Precip.	19%	24%	47%	57%
Cloud Cover	73%	89%	87%	84%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	05: 45 AM 17: 36 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 05.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 26	27 / 26
Wind	12 km/h SE	9 km/h SE	5 km/h ESE	4 km/h ESE
Humidity	82%	86%	91%	94%
Chance of Precip.	38%	24%	24%	17%
Cloud Cover	82%	82%	82%	79%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 55 AM 17: 45 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 6.44 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	06 Oct 2020	07 Oct 2020	08 Oct 2020
<b>Temperature (C)</b>	30°C/ 26°C	31°C/ 26°C	33°C/ 26°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h52m30s/17h40m36s	5h53m00s/17h39m36s	5h53m30s/17h38m30s
<b>Day Length</b>	11h48m06s	11h46m36s	11h45m00s
<b>Moon Rise/ Set</b>	8:34 PM 9:22 AM	9:16PM 10:15AM	10:03PM 11:09AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 82%	Waning Gibbous, 74%	Waning Gibbous, 65%
<b>Nautical Twilight</b>	05:03, 18:29	05:03, 18:28	05:03, 18:27
<b>Civil Twilight</b>	05:29, 18:03	05:29, 18:02	05:30, 18:01
<b>Humidity</b>	D : 78% N : 86%	D : 79% N : 87%	D : 73% N : 83%
<b>Barometer (mb)</b>	1006	1008	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	50%	20%
<b>Wind (mph)</b>	11 Km/h SSE	10 Km/h SE	5 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	06 Oct 2020	07 Oct 2020	08 Oct 2020
<b>Temperature (C)</b>	30°C/ 25°C	31°C/ 26°C	32°C/ 26°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h46m06s/17h35m30s	5h46m36s/17h34m36s	5h47m06s/17h33m30s
<b>Day Length</b>	11h49m24s	11h48m00s	11h46m24s
<b>Moon Rise/ Set</b>	8:31 PM 9:14 AM	9:14PM 10:06AM	10:00PM 11:00AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 82%	Waning Gibbous, 74%	Waning Gibbous, 65%
<b>NauticalTwilight</b>	04:57, 18:23	04:57, 18:22	04:58, 18:21
<b>Civil Twilight</b>	05:23, 17:57	05:23, 17:56	05:24, 17:56
<b>Humidity</b>	D : 84% N : 92%	D : 83% N : 92%	D : 80% N : 91%
<b>Barometer (mb)</b>	1007	1009	1009
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	60%	20%
<b>Wind (mph)</b>	12 Km/h S	10 Km/h SSW	7 Km/h NW

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





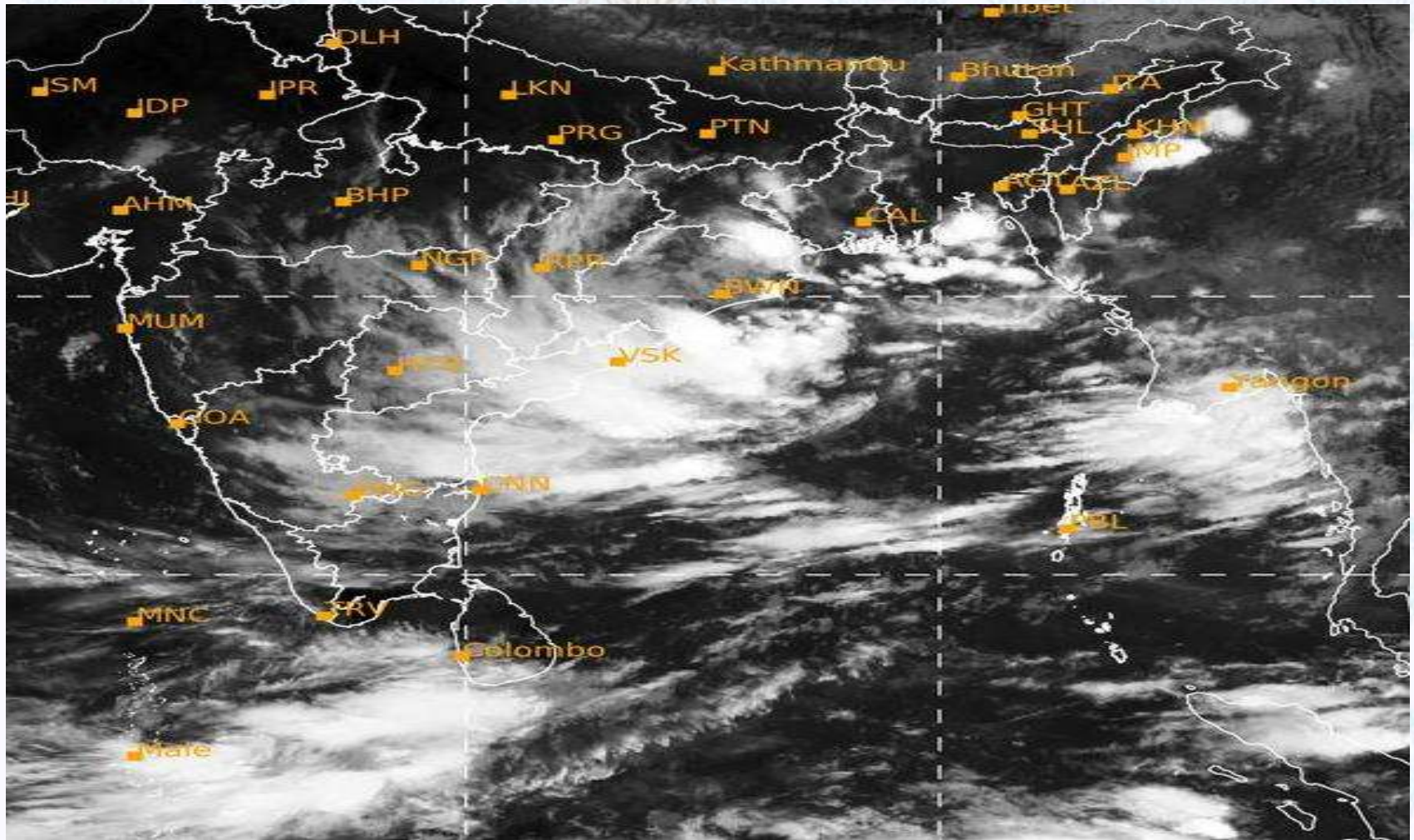
# GENERAL WEATHER FORECAST – KHULNA

Description	06 Oct 2020	07 Oct 2020	08 Oct 2020
<b>Temperature(C)</b>	31°C/ 27°C	31°C/ 26°C	32°C/ 26°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h55m30s/17h44m24s	5h56m00s/17h43m30s	5h56m24s/17h42m24s
<b>Day Length</b>	11h48m54s	11h47m30s	11h46m00s
<b>Moon Rise/Set</b>	8:39 PM 9:24 AM	9:22 PM 10:16 AM	10:09 PM 11:11 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 82%	Waning Gibbous, 74%	Waning Gibbous, 65%
<b>Nautical Twilight</b>	05:06, 18:32	05:06, 18:31	05:07, 18:31
<b>Civil Twilight</b>	05:32, 18:08	05:32, 18:05	05:33, 18:04
<b>Humidity</b>	D : 82% N : 89%	D : 81% N : 89%	D : 78% N : 88%
<b>Barometer (mb)</b>	1006	1007	1008
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	60%
<b>Wind (mph)</b>	12 km/h SE	11 km/h SE	6 km/h SSE

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



# SATELLITE VIEW OF BAY OF BENGAL



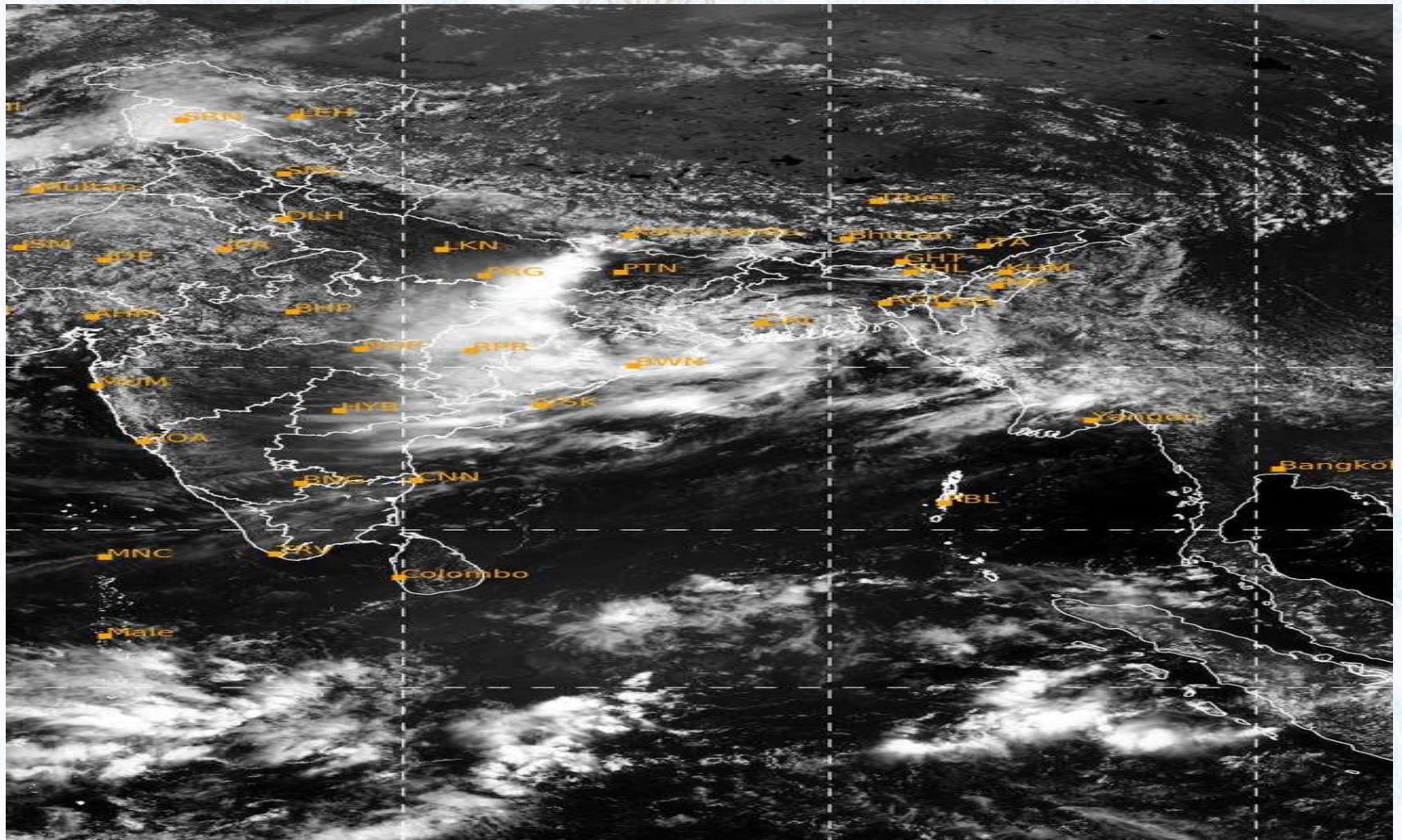
05/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



05/10/2020, 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 05.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	THE LOW OVER NORTH-WEST BAY AND ADJONING ODISHA COST PERSISTS. MONSOON IS MODETATE OVER NOTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/T.SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 08-12 KTS, TEMPORAYT GUSTING TO 22 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN <b>RAIN/SHOWERS.</b>
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 05,0000 UTC. CHATTOGRAM =1008 HPA





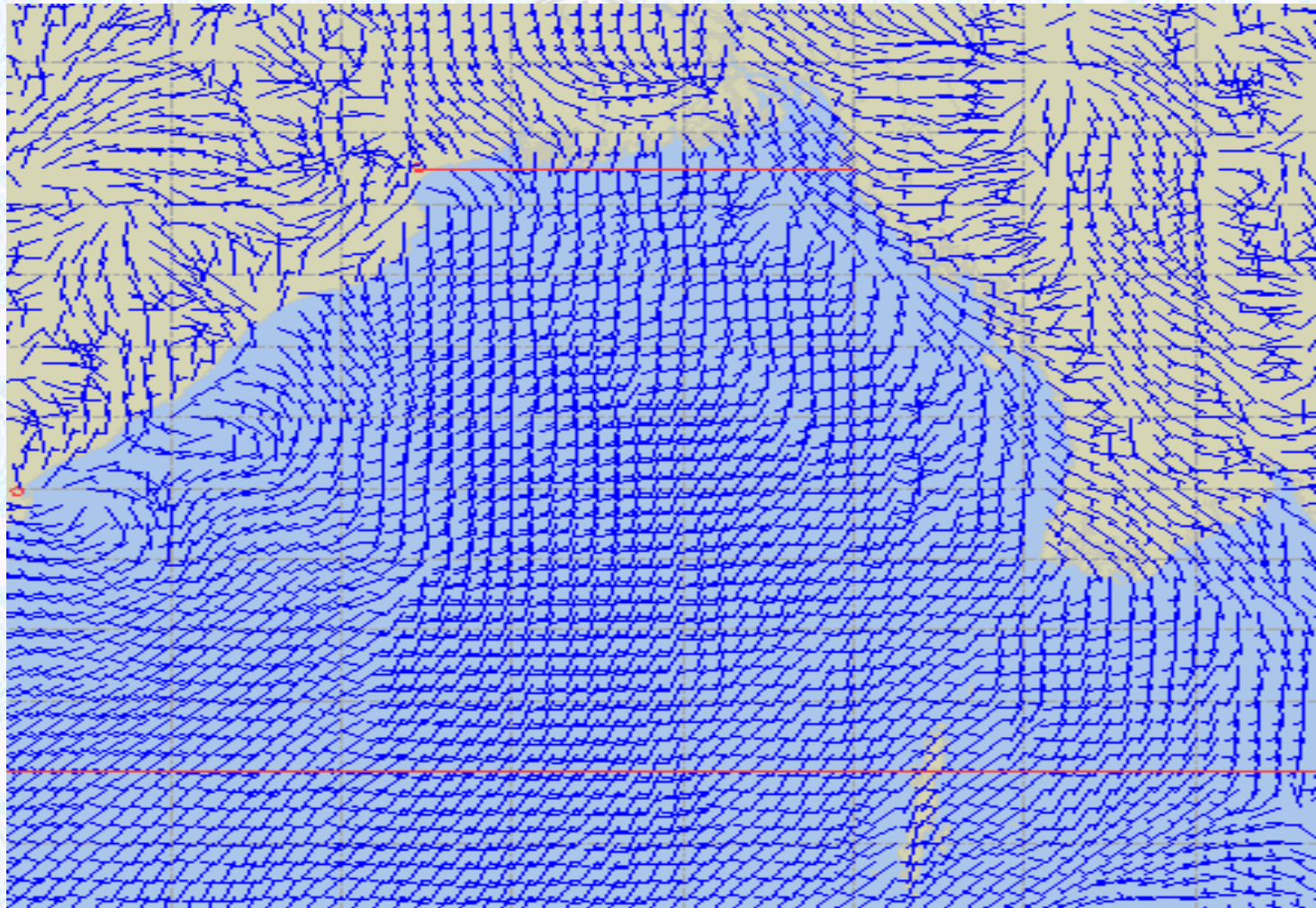
## Inland River Port Warning (VALID TILL 06 PM OF 05.10.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED **45-60** KPH 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 AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 06 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

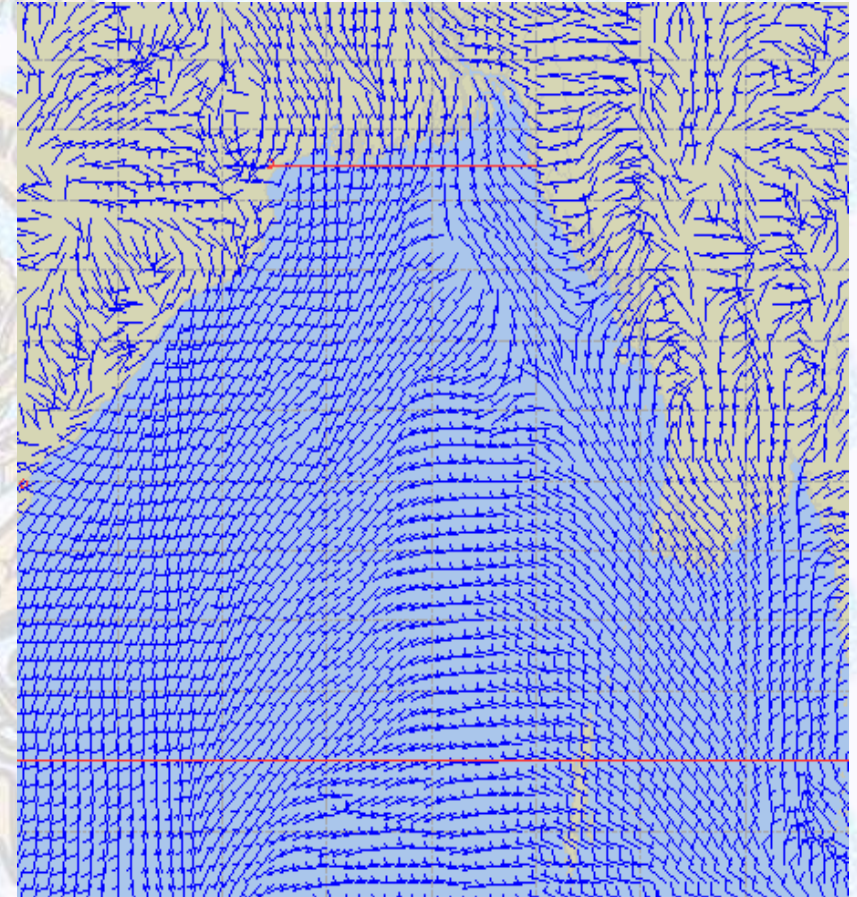
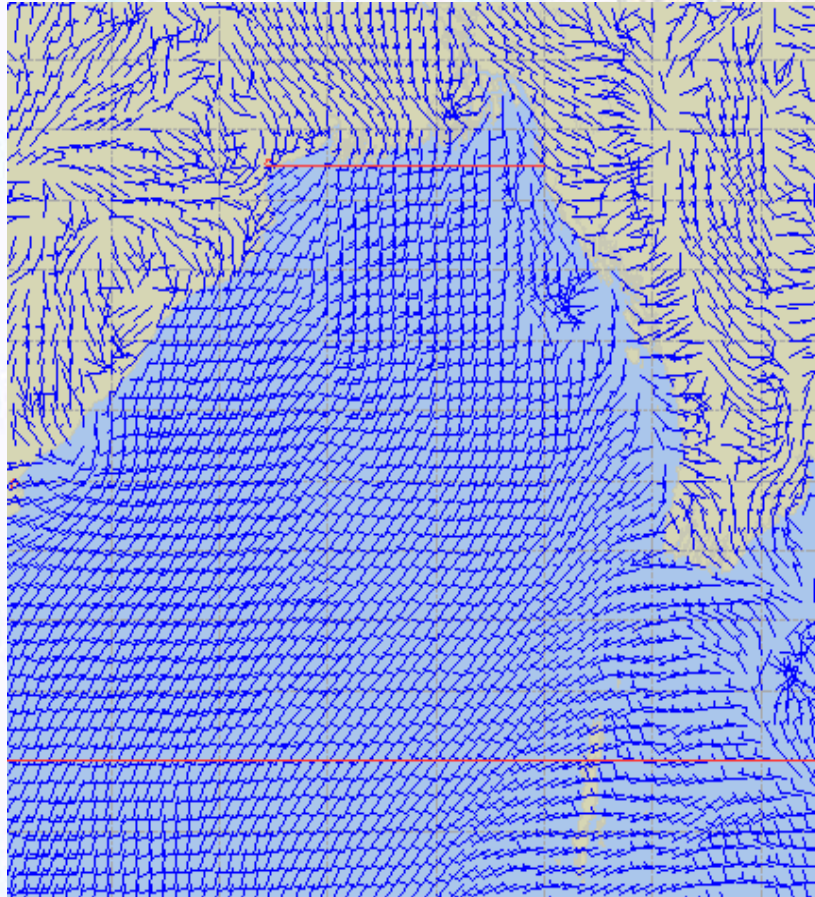




# Surface Wind Forecast – 07 & 08 Oct- 2020

07 Oct 20 Wednesday

08 Oct 20 Thursday



**Legend:**



Calm  
Winds



5 Knots



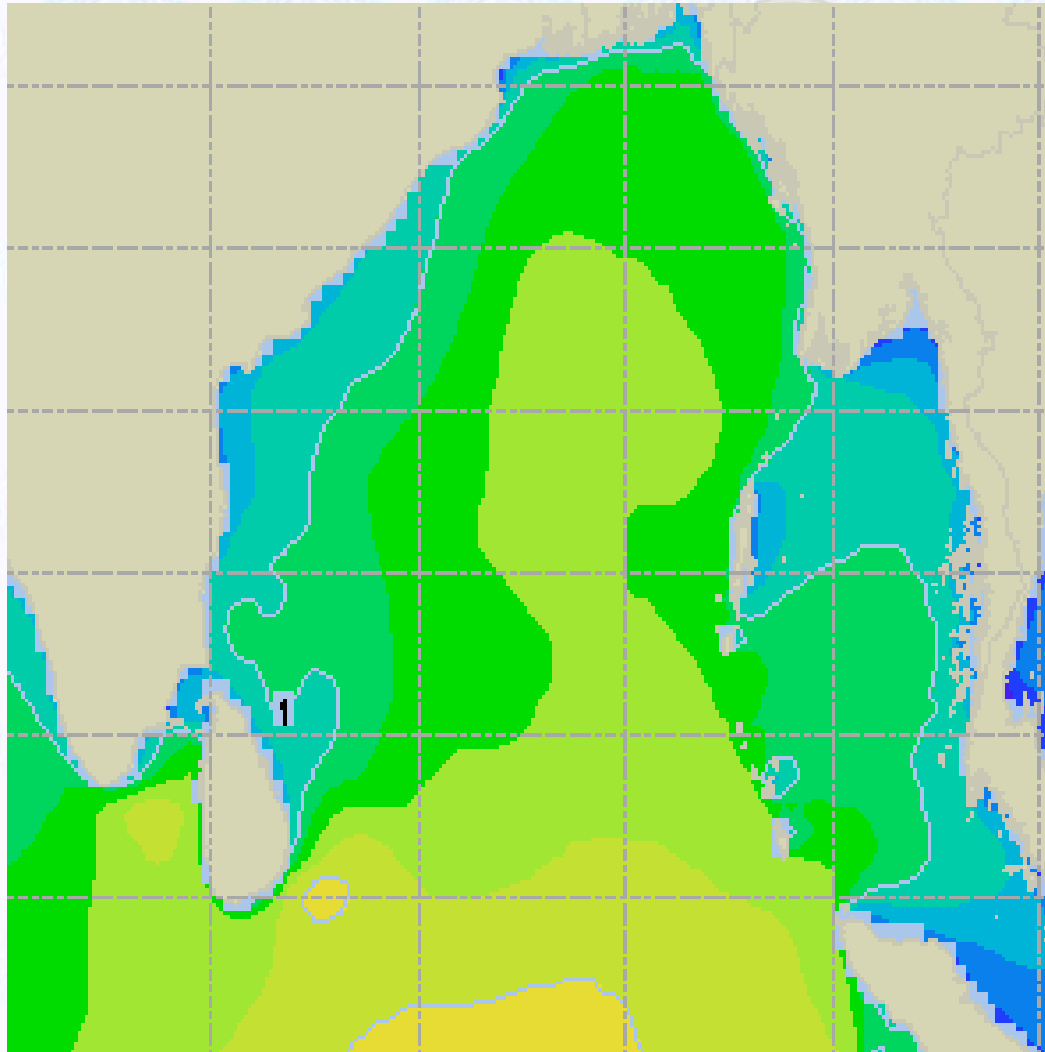
10 Knots



60 Knots



# Sea State Forecast – 06 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

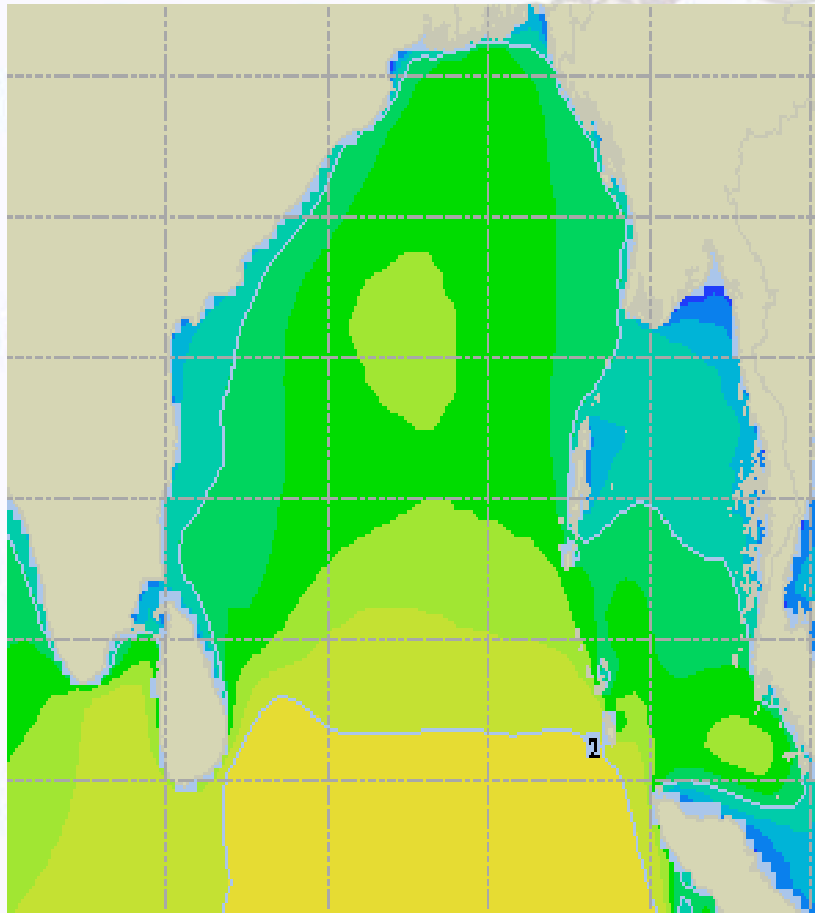




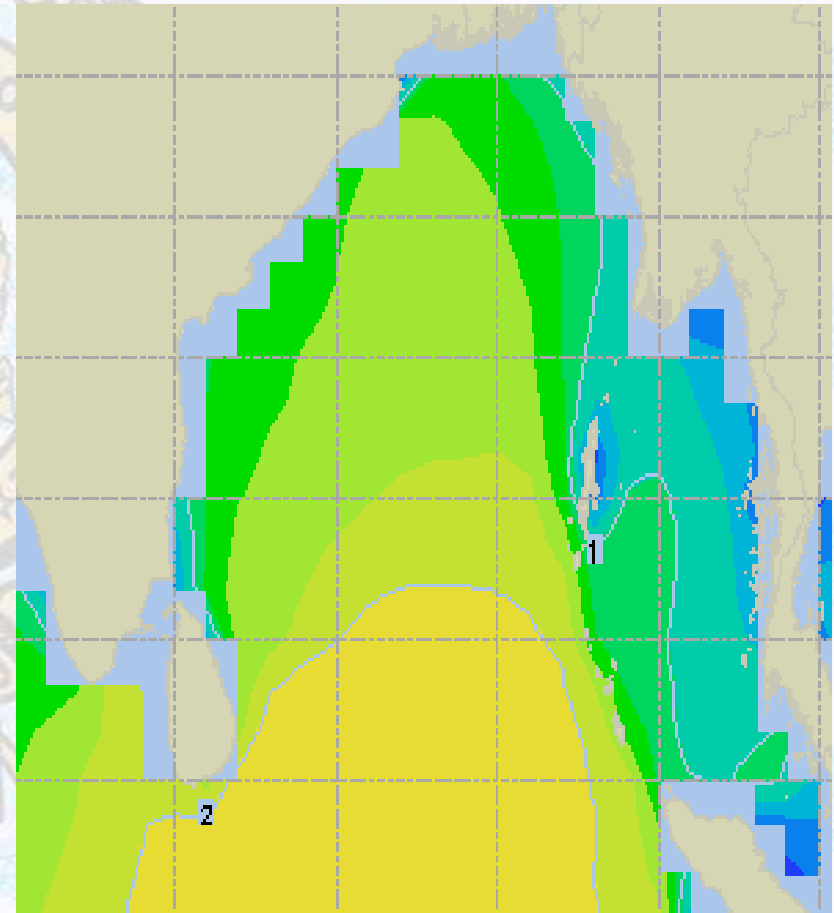


# Sea State Forecast – 07 & 08 Oct- 2020

07 Oct 20 Wednesday



08 Oct 20 Thursday

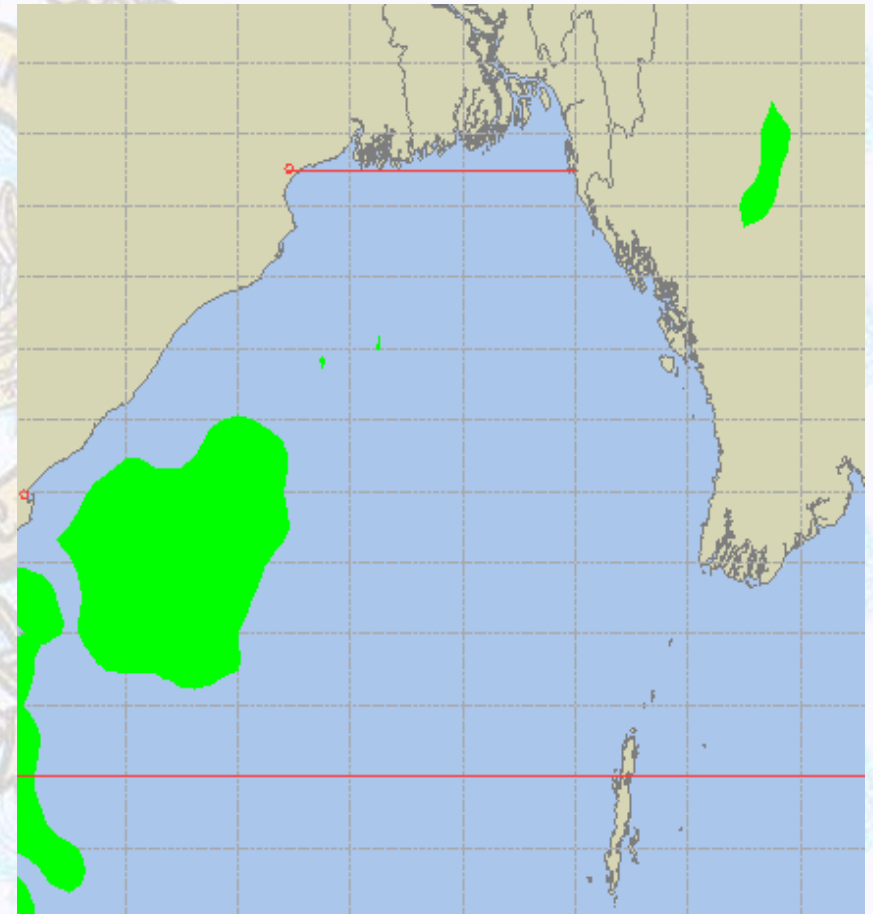
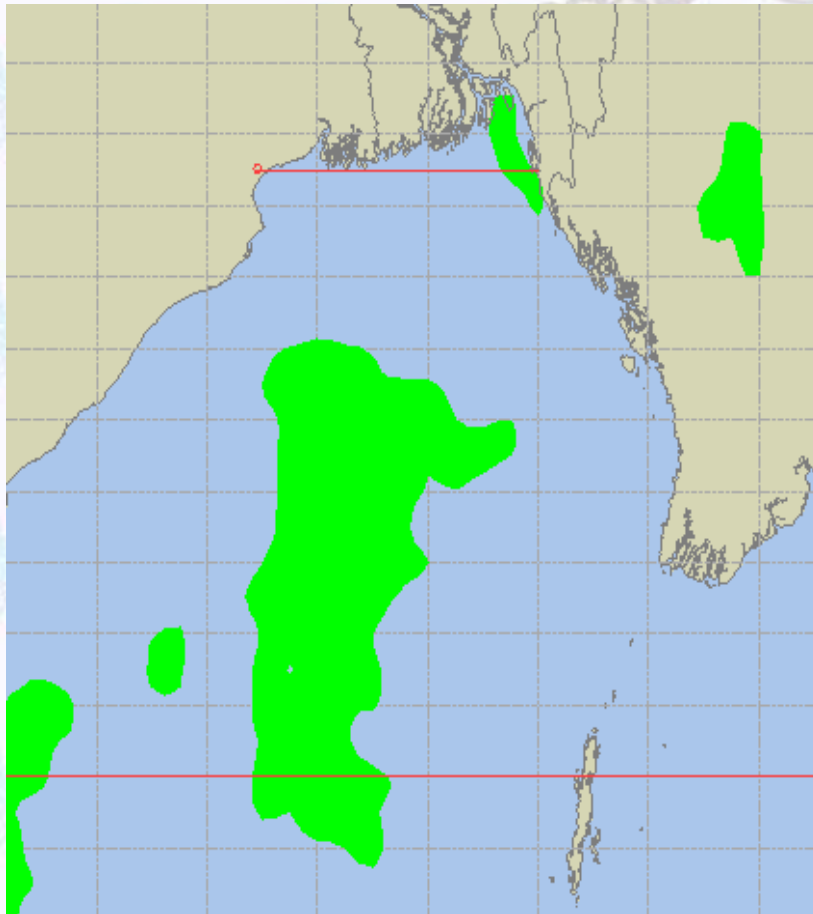




# Peak Gusting Possibilities—06 & 07 Oct 2020

06 Oct 20 Tuesday

07 Oct 20 Wednesday

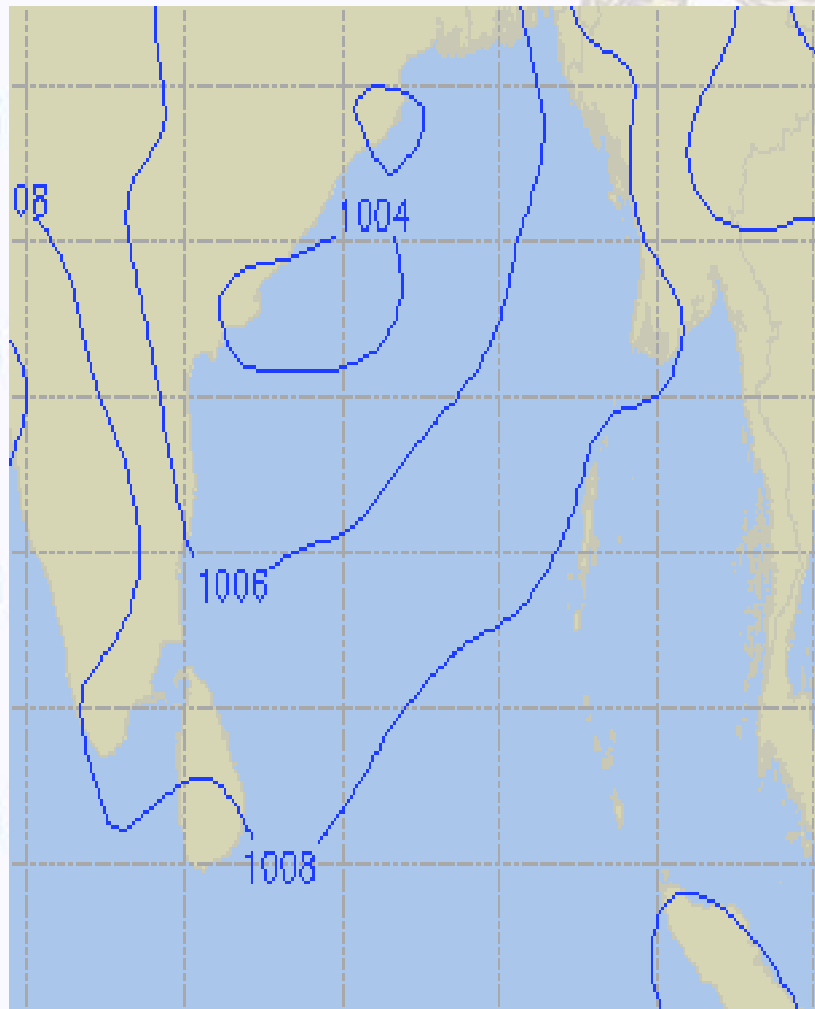




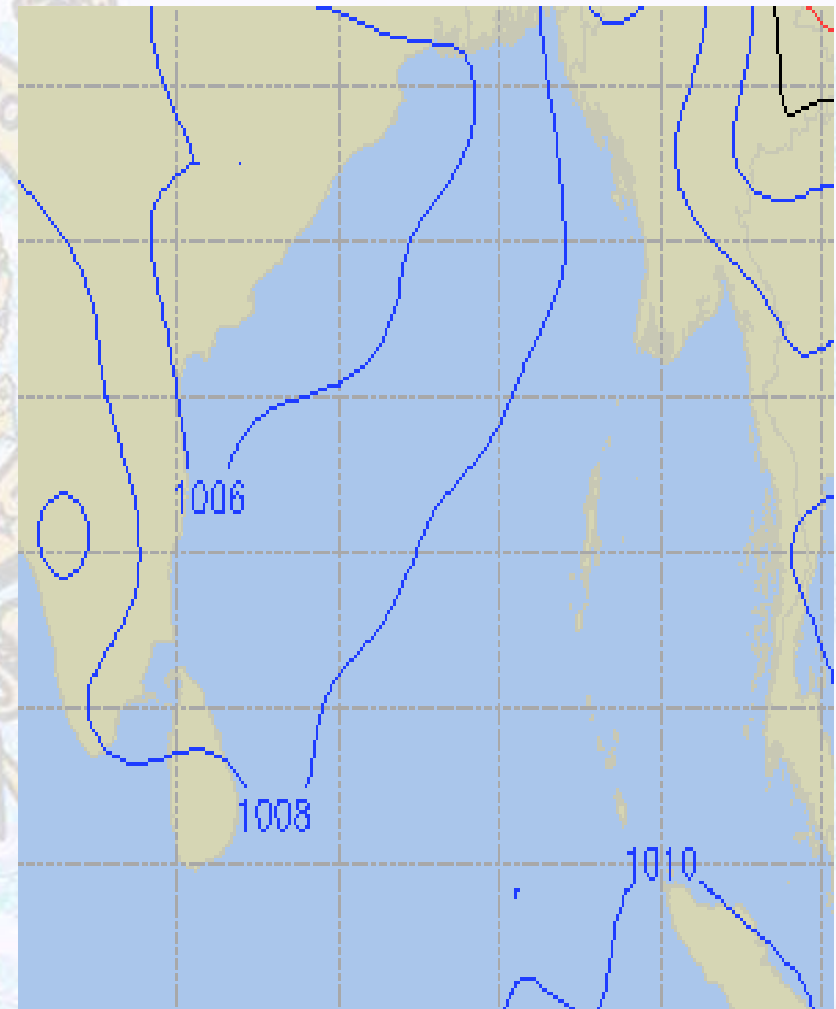


# Surface Pressure forecast– 06 & 07 Oct 2020

06 Oct 20 Tuesday



07 Oct 20 Wednesday

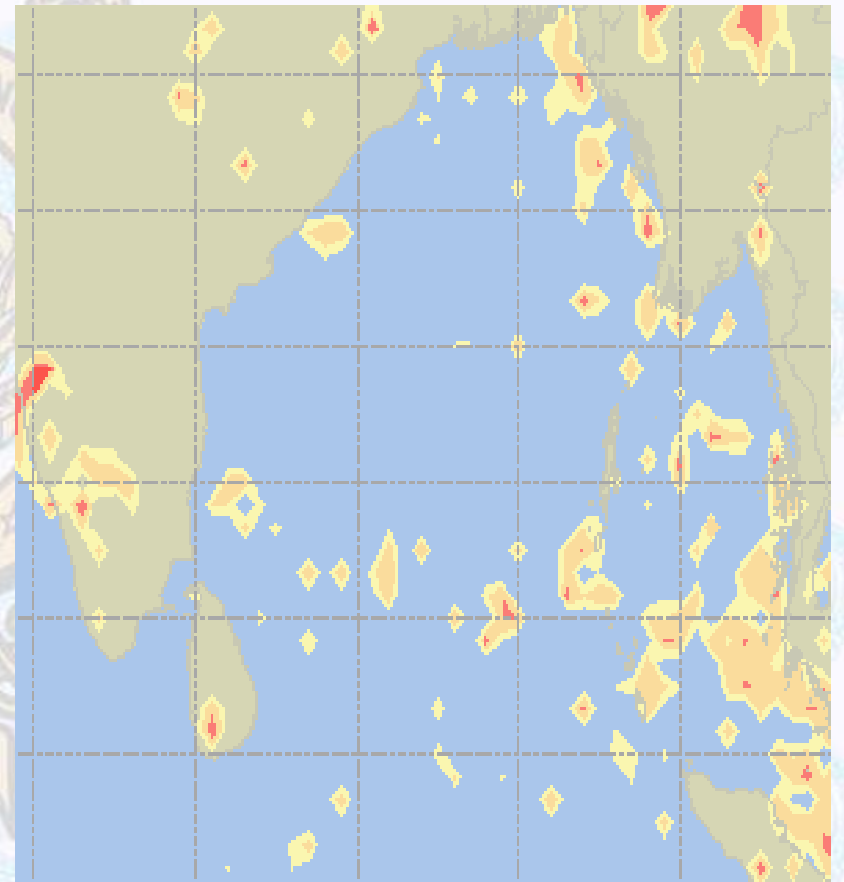
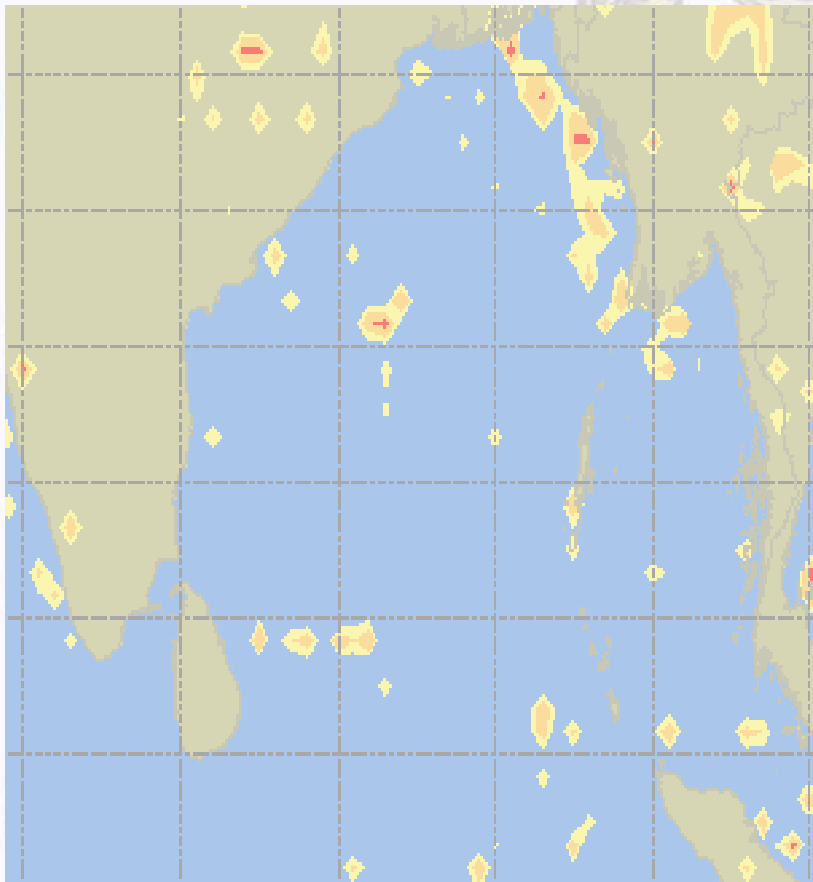




# Visibility at Sea Forecast – 06 & 07 Oct 2020

06 Oct 20 Tuesday

07 Oct 20 Wednesday



**Visibility Scale:**



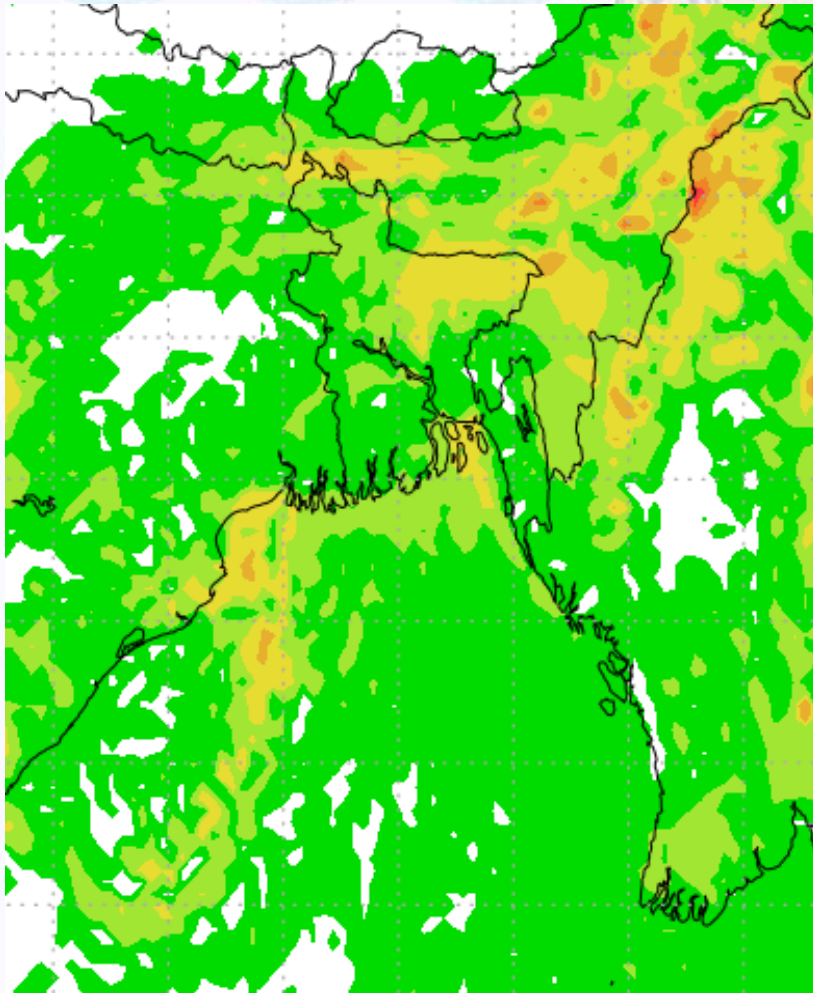
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



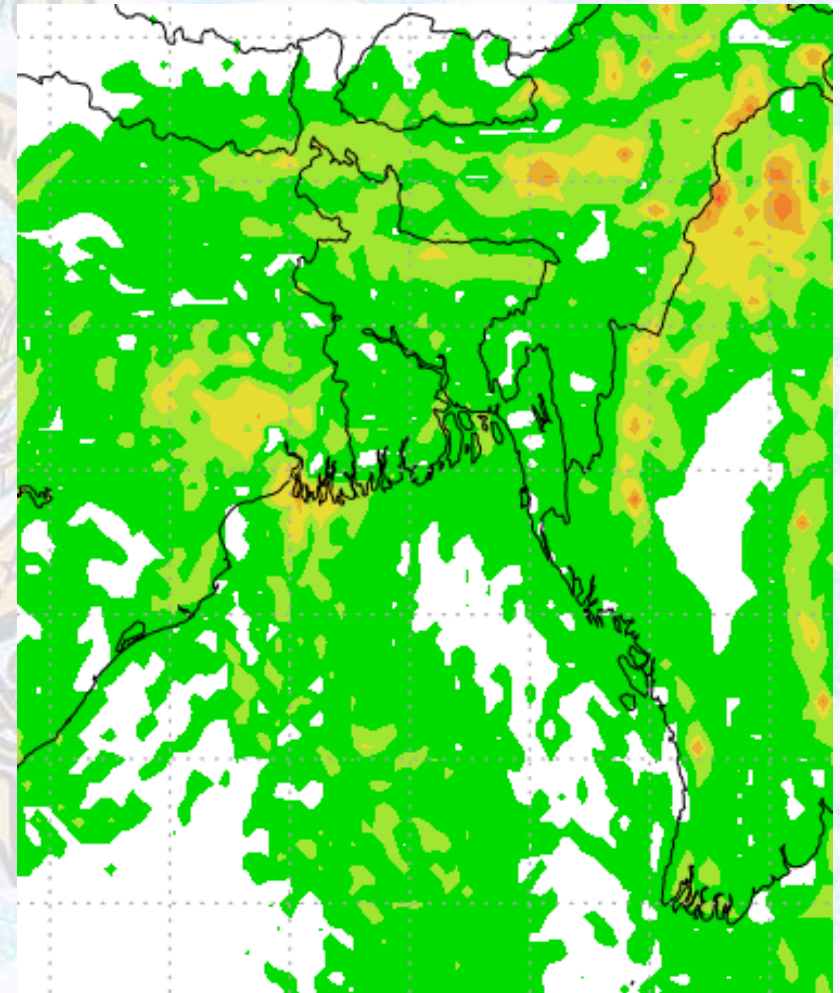


# Precipitation

Rain(mm) 06 & 07 Oct 2020



Rain(mm) 07 & 08 Oct 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>06 Oct 2020</b>	0252	5.01		0047	3.31		0023	3.14
	0922	0.63		0720	0.93		0644	1.02
	1509	4.75		1300	3.09		1235	2.91
	2130	0.62		1928	0.95		1846	0.94
<b>07 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0323	4.84		0120	3.15		0053	3.05
	0954	0.77		0751	1.01		0714	1.15
	1545	4.49		1334	2.90		1306	2.79
	2203	0.80		1958	1.06		1915	1.06
<b>08 Oct 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0400	4.62		0157	2.99		0127	2.93
	1032	0.97		0827	1.11		0749	1.30
	1629	4.18		1415	2.70		1342	2.65
	2242	1.07		2035	1.19		1950	1.22