



# WEATHER FORECAST FOR BN

**03 OCT-06 OCT 2020**



# WEATHER FORECAST – DHAKA

## 03.10.2020

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

## 03.10.2020

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

## 03.10.2020

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	04 Oct 2020	05 Oct 2020	06 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>	5h51m30s/17h42m30s	5h52m00s/17h41m30s	5h52m30s/17h40m36s
<b>Day Length</b>	11h51m00s	11h51m30s	11h50m00s
<b>Moon Rise/ Set</b>	7:21 PM 7:39 AM	7:54 PM 8:12 AM	8:27 PM 8:45 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 90%	Waning Gibbous, 82%
<b>NauticalTwilight</b>	05:02, 18:31	05:02, 18:31	05:02, 18:31
<b>Civil Twilight</b>	05:28, 18:05	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>	1005	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	50%	50%
<b>Wind (mph)</b>	12 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	04 Oct 2020	05 Oct 2020	06 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>	5h45m06s/17h37m12s	5h45m36s/17h36m18s	5h46m06s/17h35m30s
<b>Day Length</b>	11h52m06s	11h52m36s	11h51m00s
<b>Moon Rise/ Set</b>	7:17 PM 7:32 AM	7:54 PM 8:12 AM	8:27 PM 8:45 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 90%	Waning Gibbous, 82%
<b>NauticalTwilight</b>	04:56, 18:25	04:56, 18:25	04:57, 18:26
<b>Civil Twilight</b>	05:22, 17:59	05:22, 17:59	05:21, 17:58
<b>Humidity</b>	D : 83% N : 91%	D : 80% N : 91%	D : 84% N : 81%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	70%	70%
<b>Wind (mph)</b>	12 Km/h SSE	12 Km/h SSE	12 Km/h SSE

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



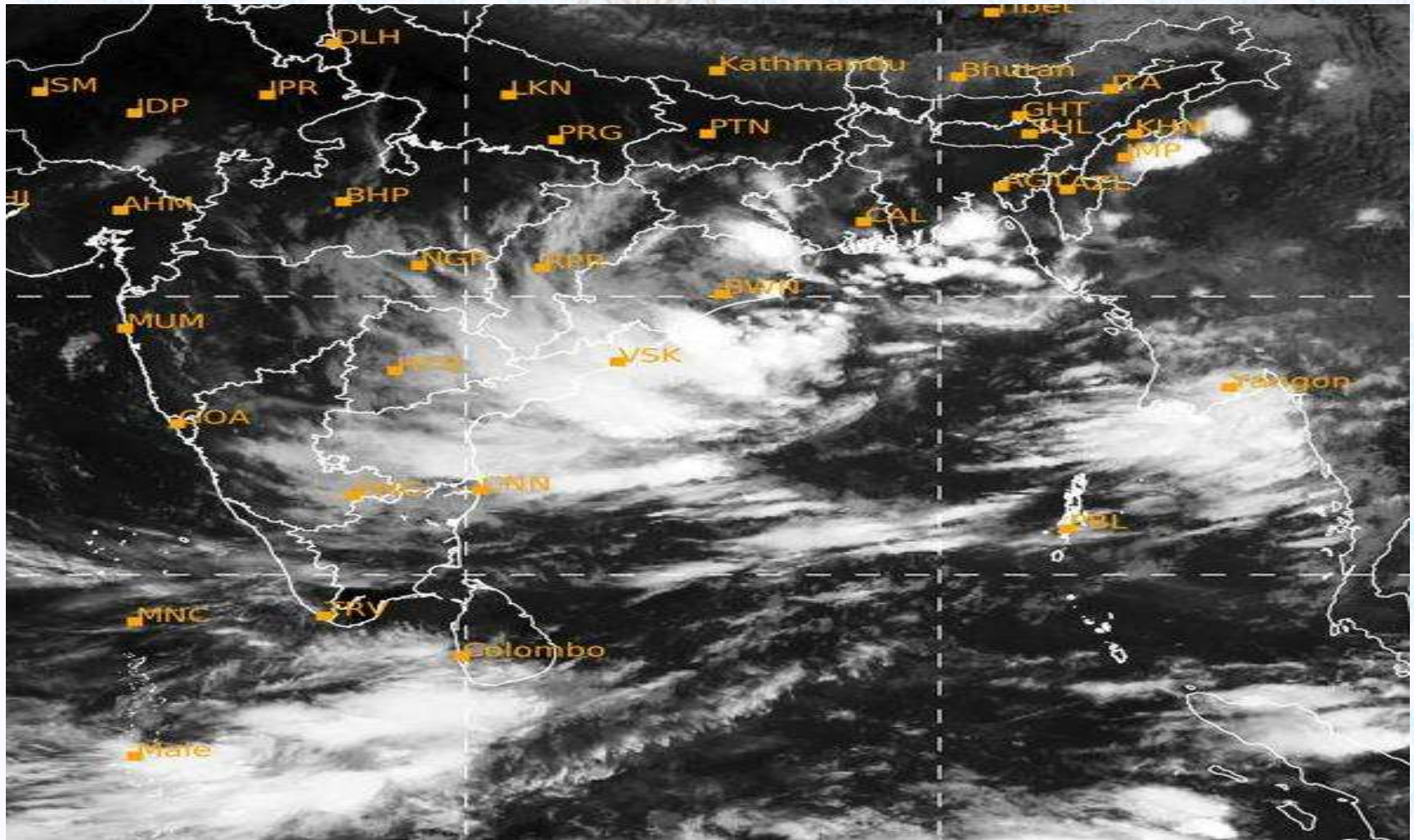
# GENERAL WEATHER FORECAST – KHULNA

Description	04 Oct 2020	05 Oct 2020	06 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>	5h54m30s/17h46m12s	5h55m00s/17h45m18s	5h55m30s/17h44m24s
<b>Day Length</b>	11h51m42s	11h50m00s	11h50m00s
<b>Moon Rise/Set</b>	7:26 PM 7:42 PM	7:54 PM 8:12 AM	8:27 PM 8:45 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 94%	Waning Gibbous, 90%	Waning Gibbous, 82%
<b>Nautical Twilight</b>	05:05, 18:34	05:05, 18:34	05:05, 18:34
<b>Civil Twilight</b>	05:31, 18:08	05:31, 18:08	05:31, 18:08
<b>Humidity</b>	D : 73% N : 88%	D : 82% N : 88%	D : 80% N : 81%
<b>Barometer (mb)</b>	1005	1005	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	70%	70%	70%
<b>Wind (mph)</b>	14 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



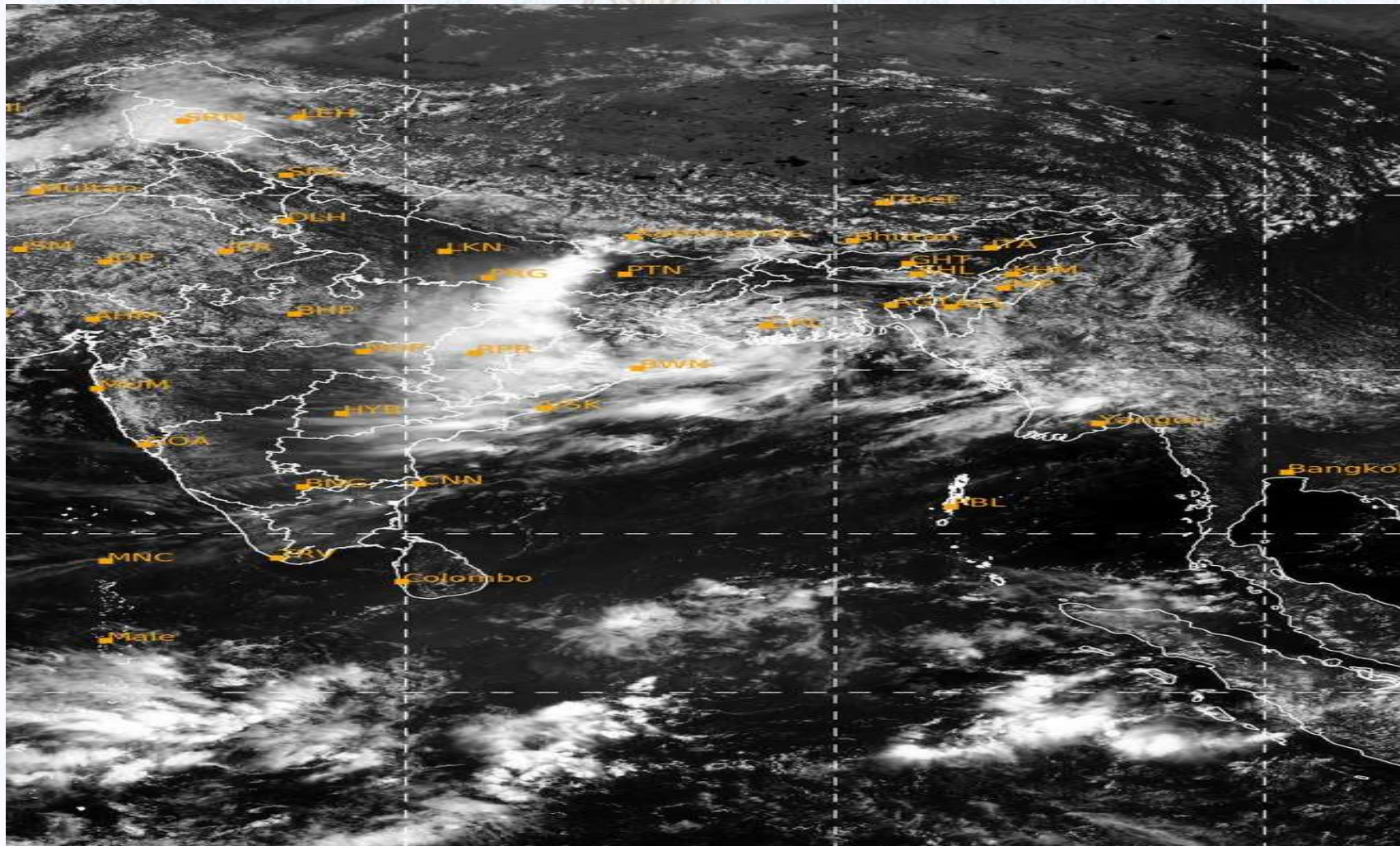
03/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



03/10/2020, 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 03.10.2020)

<b>Part One</b>	<b>NO STORM WARNING.</b>	
<b>Part Two</b>	<b>THE LOW PRESSURE AREA LIES OVER NORTH-WEST BAY AND ADJOINING WEST CENTRAL BAY OFF ANDHYA-ODISHA COAST. MONSOON IS MODERATE OVER NORTH BAY.</b>	
<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 = 03,0000 UTC. CHATTOGRAM =1003 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 03.10.2020)

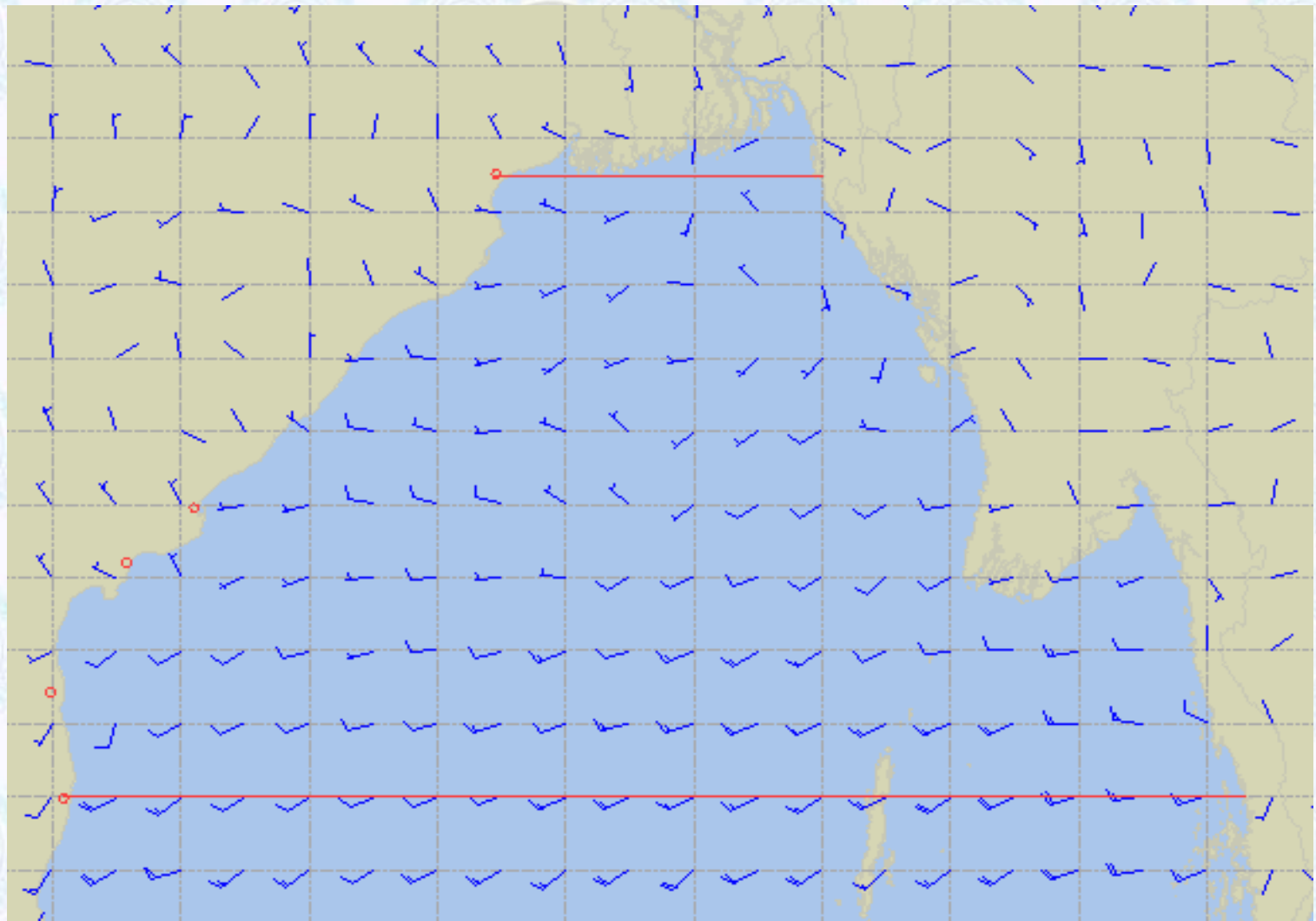
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 04 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**

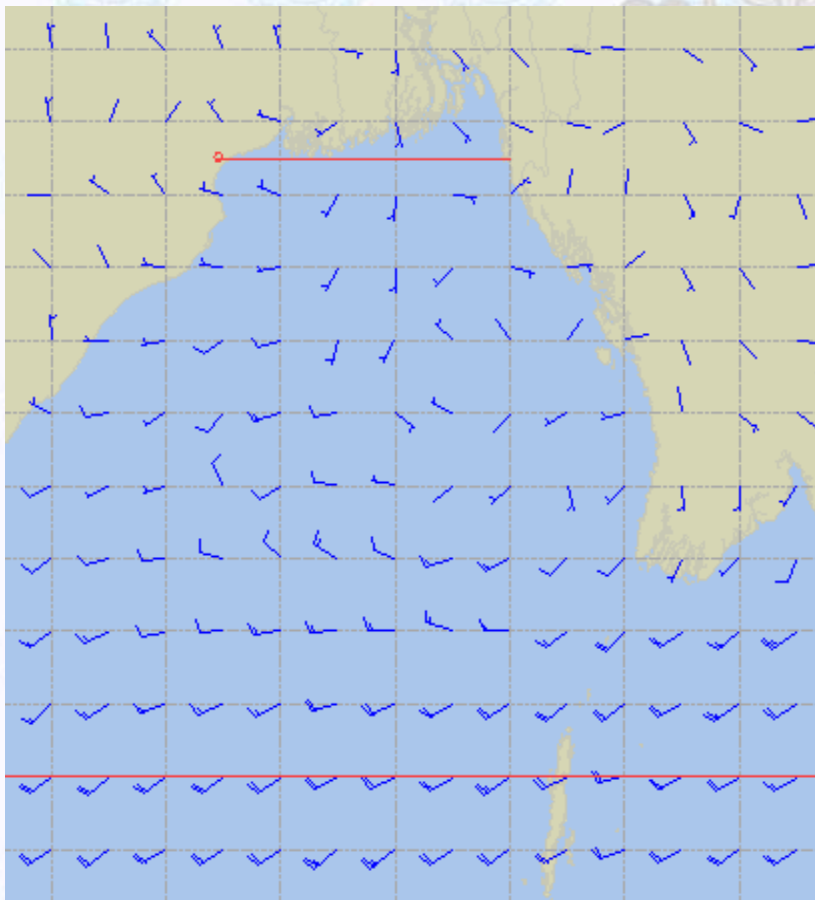


**60 Knots**

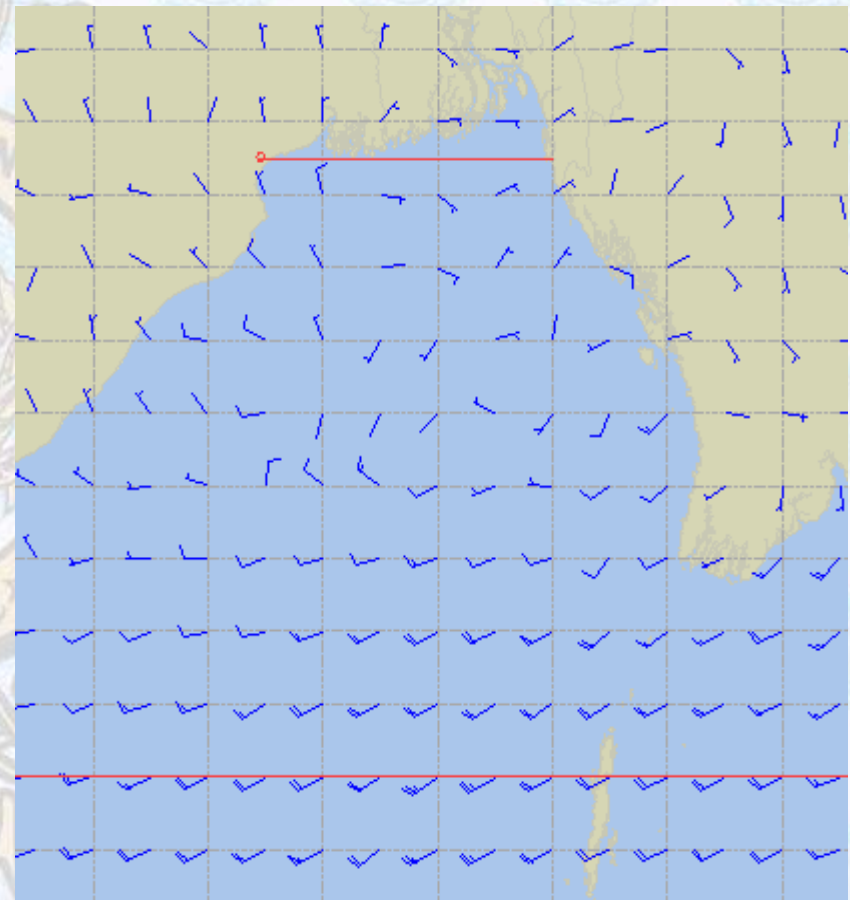


# Surface Wind Forecast – 05 & 06 Oct- 2020

05 Oct 20 Monday



06 Oct 20 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



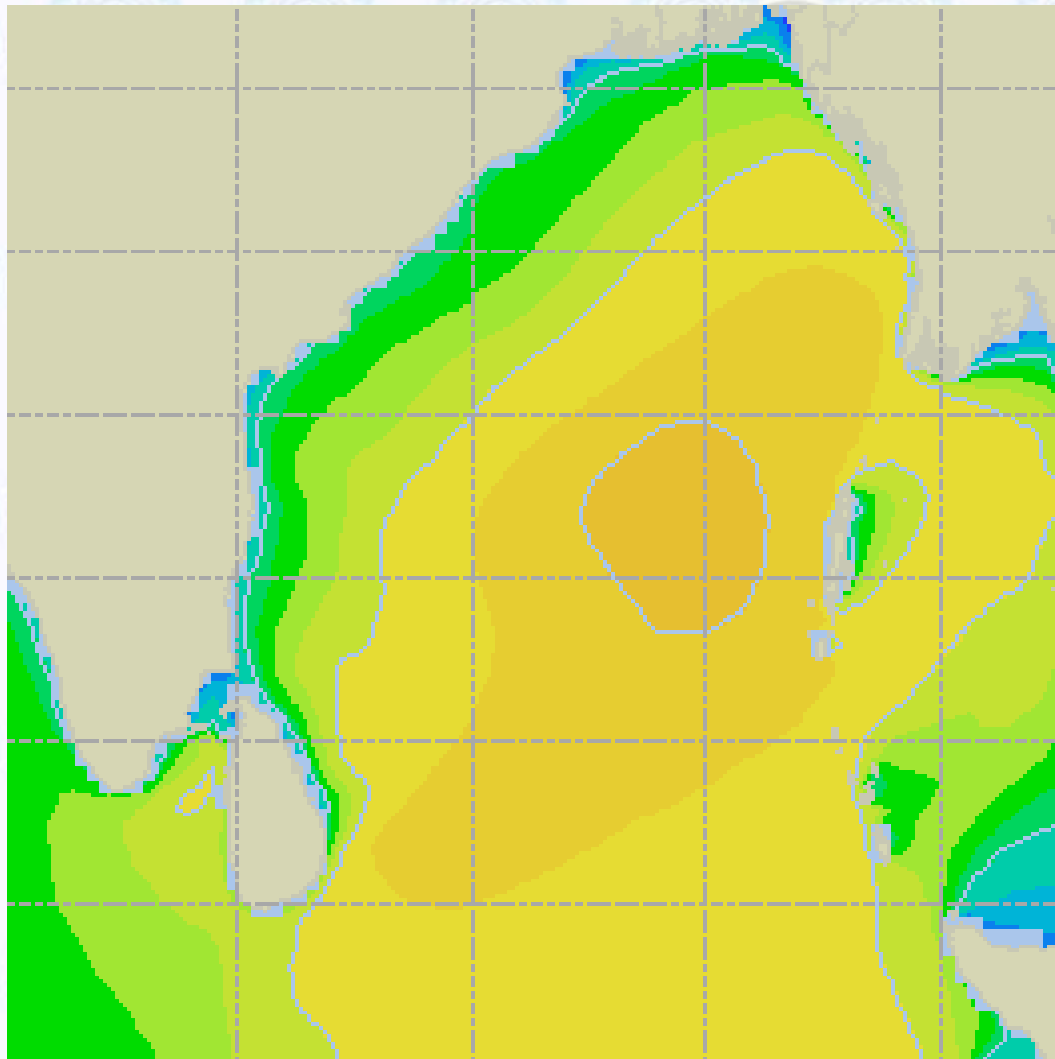
**10 Knots**



**60 Knots**



# Sea State Forecast – 04 Oct- 2020



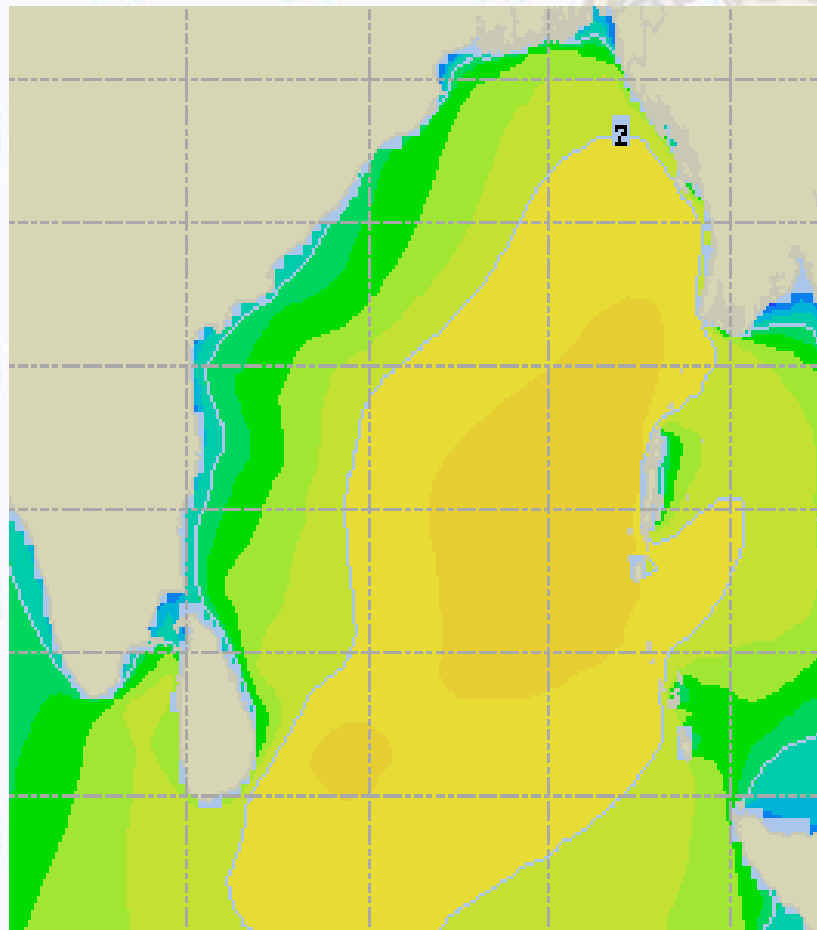
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



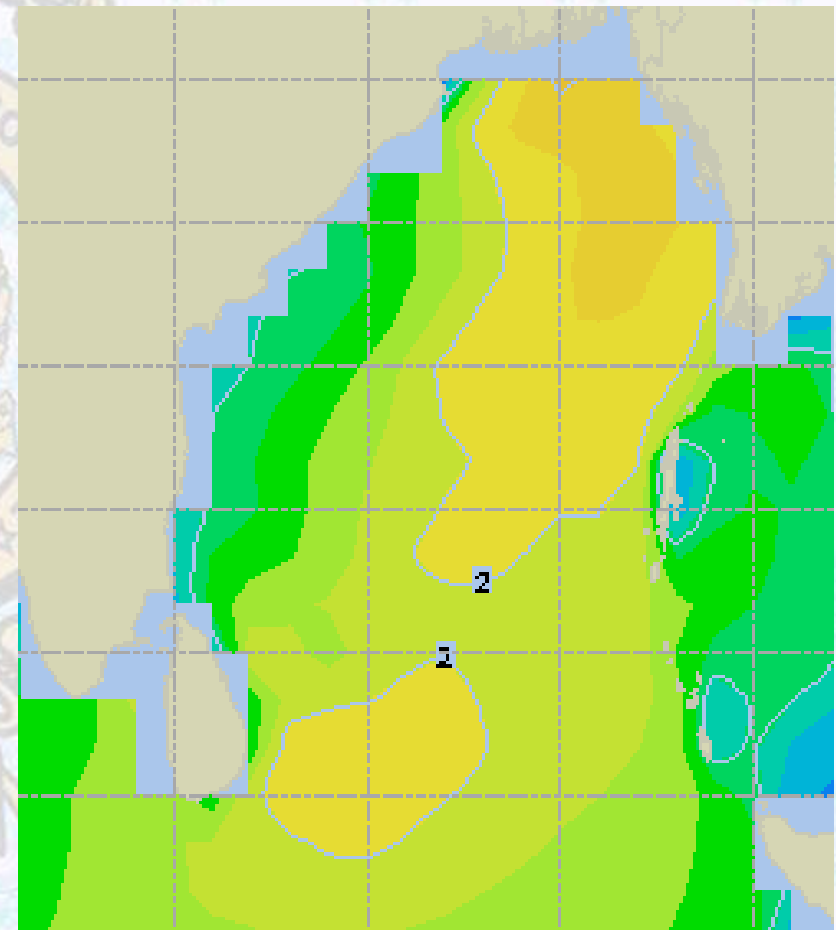


# Sea State Forecast – 05 & 06 Oct- 2020

05 Oct 20 Monday



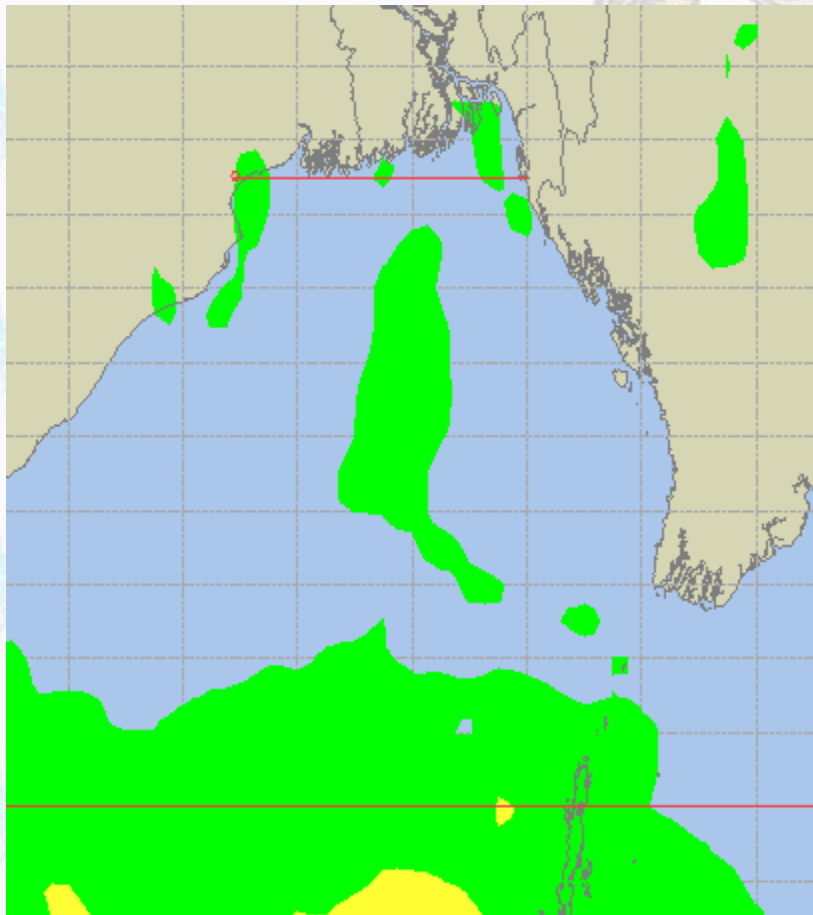
06 Oct 20 Tuesday



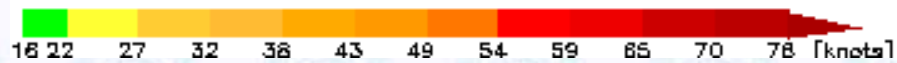
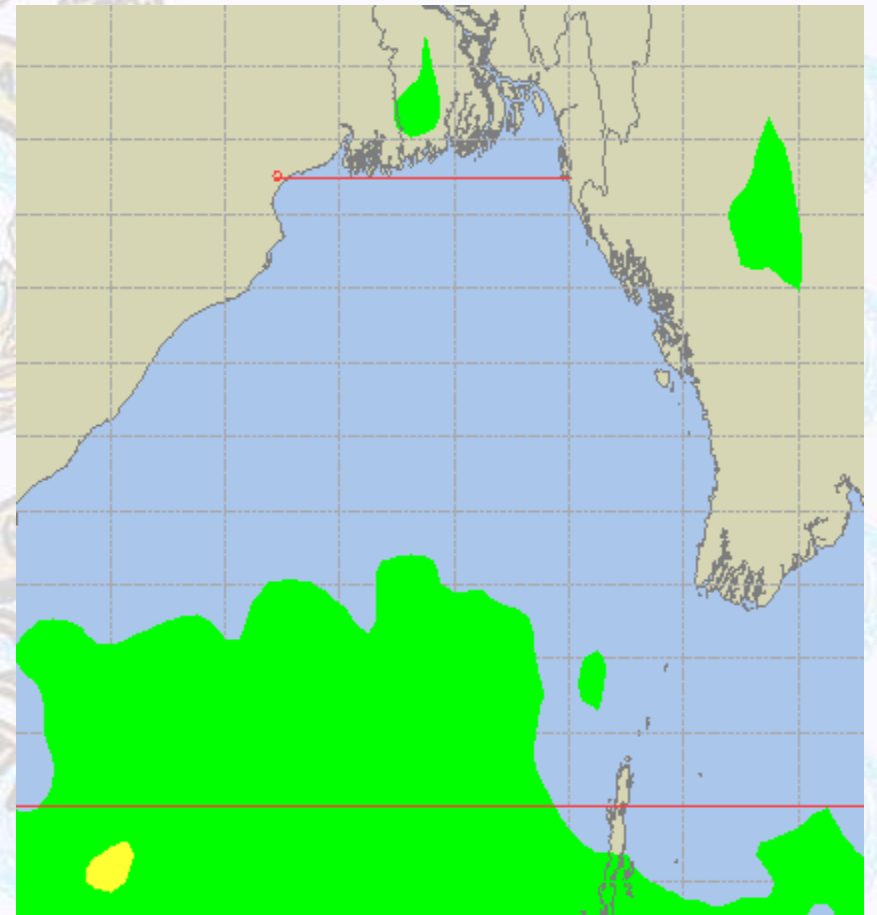


# Peak Gusting Possibilities– 04 & 05 Oct 2020

04 Oct 20 Sunday



05 Oct 20 Monday

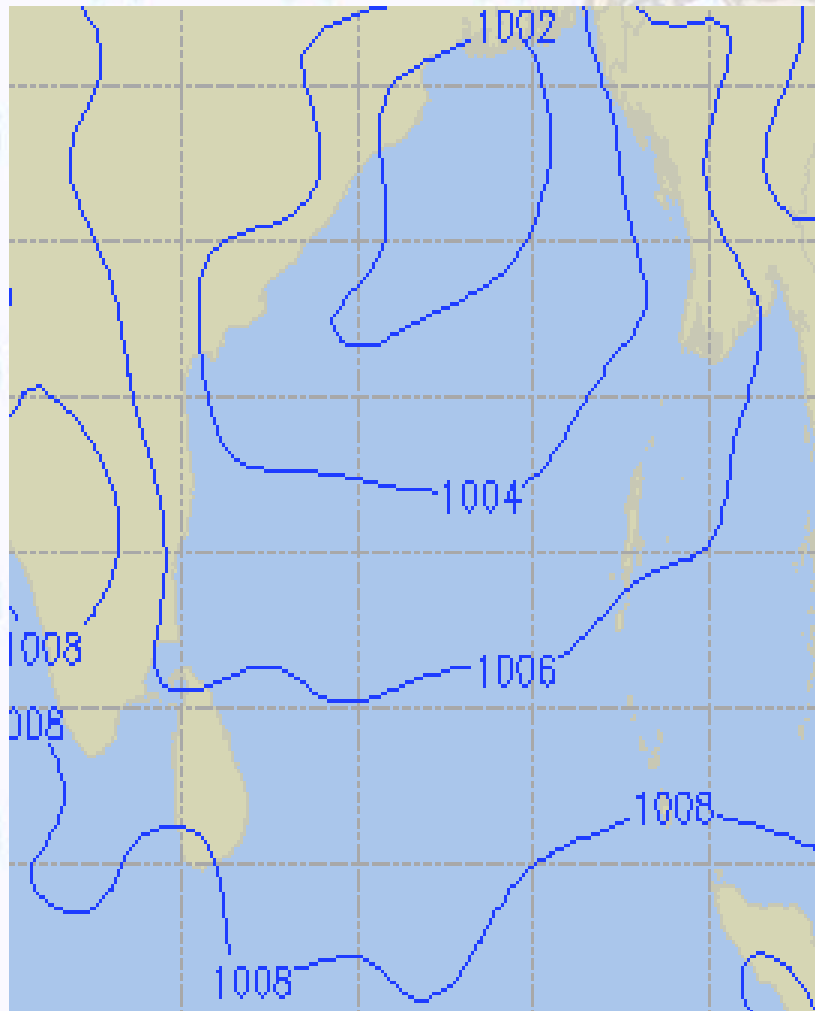




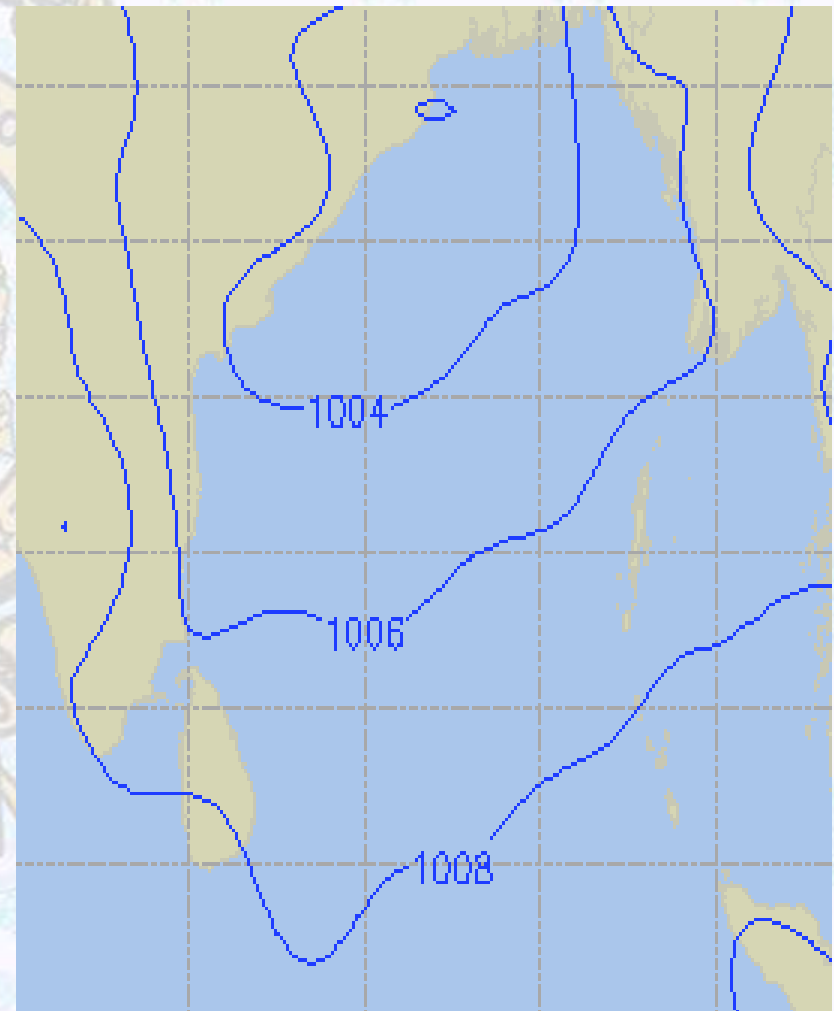


# Surface Pressure forecast– 04 & 05 Oct 2020

04 Oct 20 Sunday



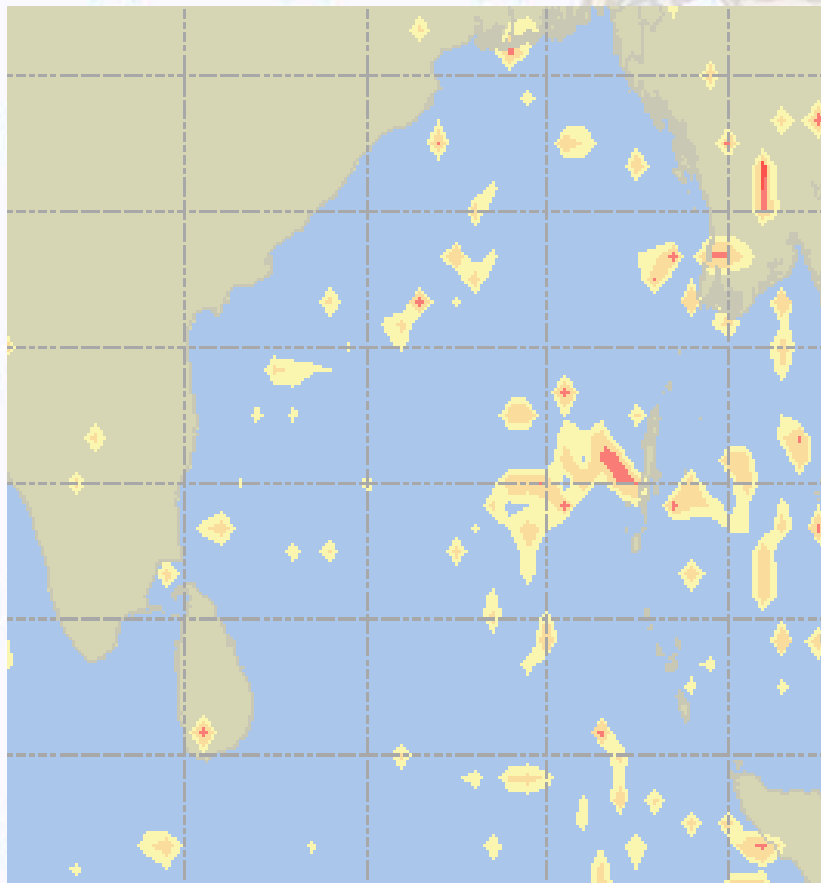
05 Oct 20 Monday



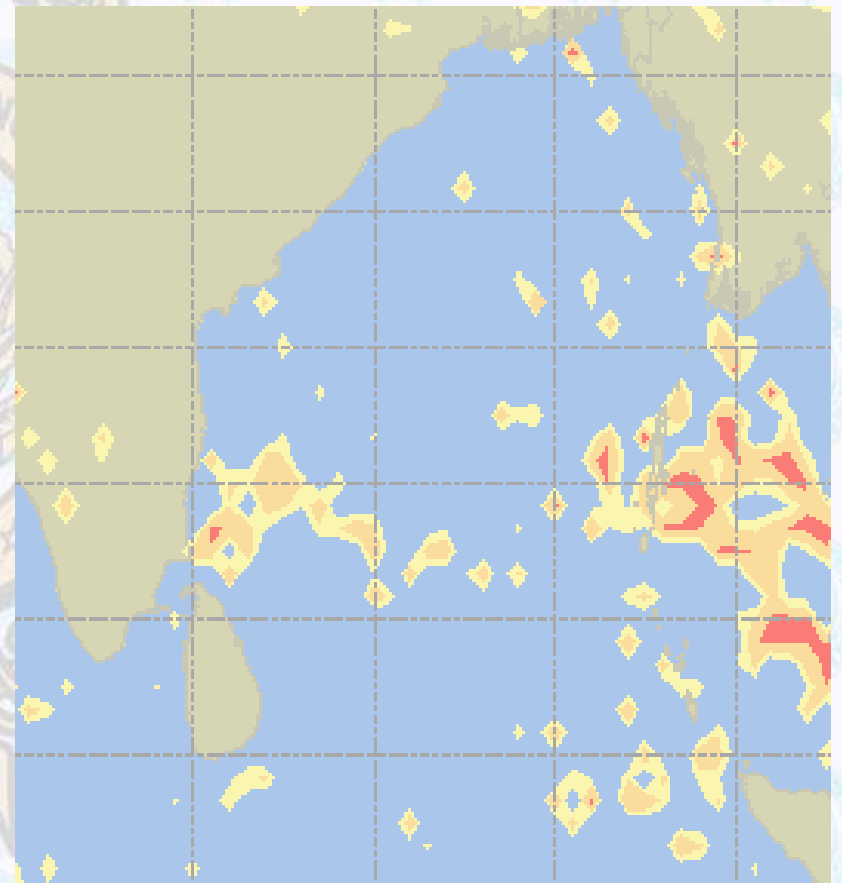


# Visibility at Sea Forecast – 04 & 05 Oct 2020

04 Oct 20 Sunday



05 Oct 20 Monday



**Visibility Scale:**

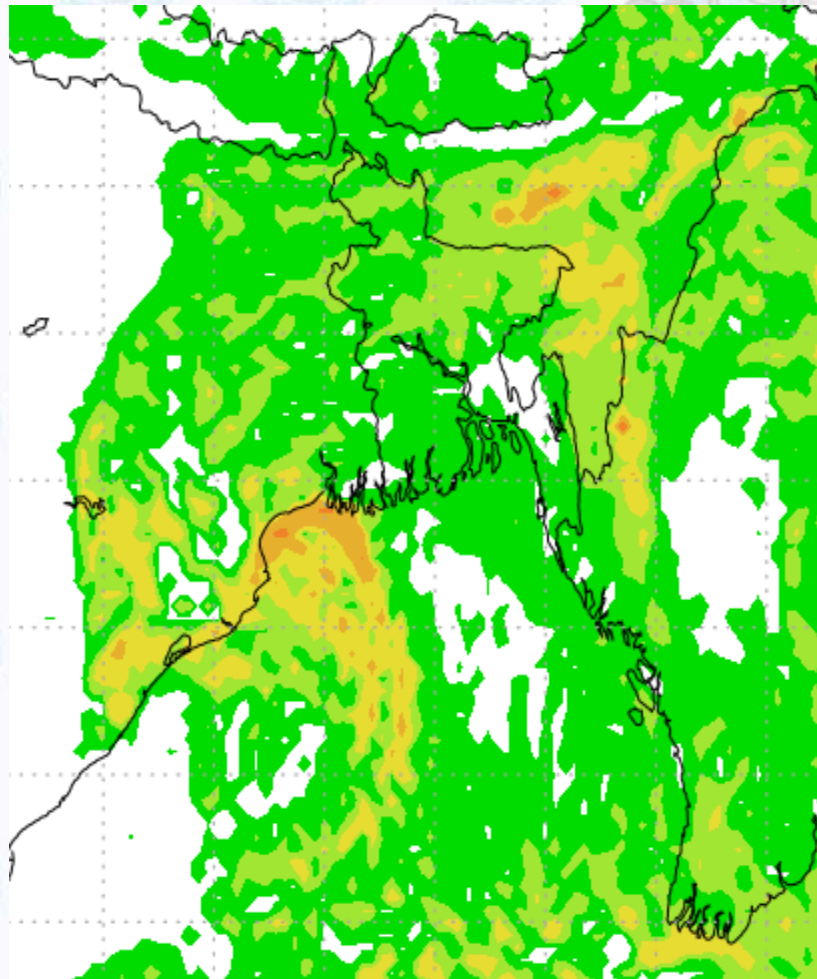


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

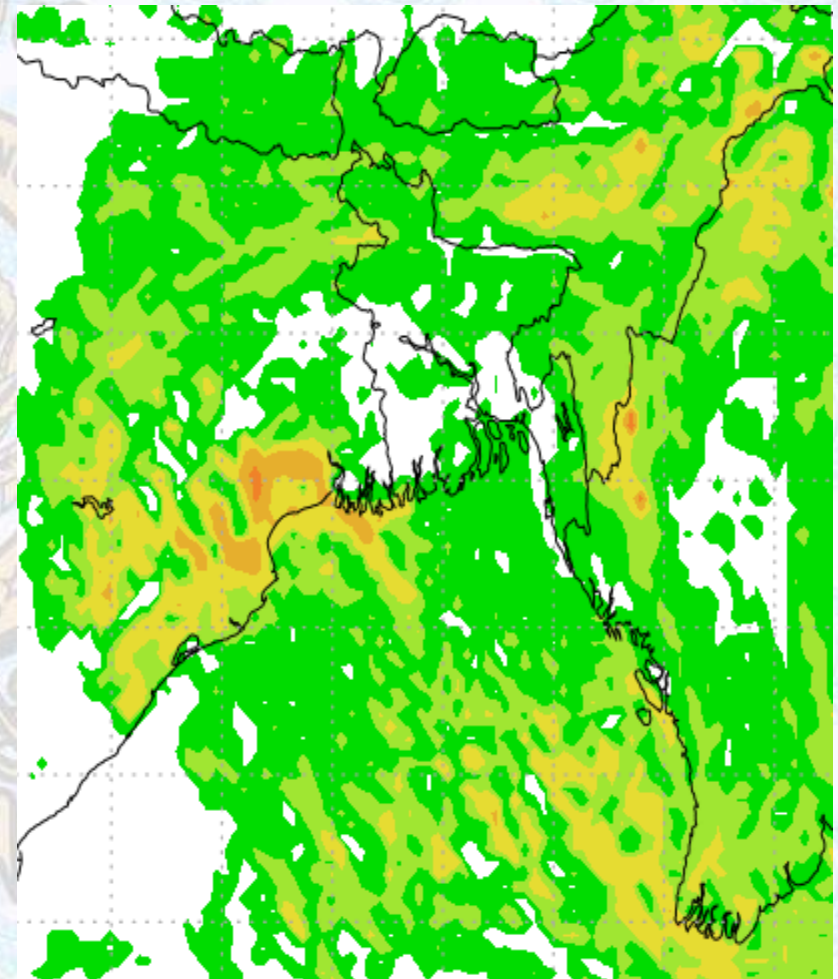


# Precipitation

Rain(mm) 04 & 05 Oct 2020



Rain(mm) 05 & 06 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>03 Oct 2020</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>	Time	Height		Time	Height		Time	Height
	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
<b>05 Oct 2020</b>	Time	Height		Time	Height		Time	Height
	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		-	-