



# WEATHER FORECAST FOR BN

*14 OCT- 17 OCT 2020*



# WEATHER FORECAST – DHAKA

## 14.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32/ 25	32 / 25	30 / 25	29 / 25
Wind	6 km/h E	5 km/h WSW	4 km/h S	3 km/h S
Humidity	65%	66%	74%	78%
Chance of Precip	22%	21%	12%	11%
Cloud Cover	58%	54%	38%	41%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 55 AM 17: 32 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 8.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 14.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 27	29 / 27	29 / 26
Wind	7 km/h WSW	8 km/h WSW	6 km/h S	5 km/h SE
Humidity	75%	77%	86%	87%
Chance of Precip.	7%	10%	32%	24%
Cloud Cover	30%	27%	35%	41%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise	05: 49 AM			
Sunset	17: 28 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 14.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	34 / 27	32 / 27	29 / 27	28 / 26
Wind	8 km/h ESE	9 km/h ESE	5 km/h SE	4 km/h SE
Humidity	67%	74%	87%	91%
Chance of Precip.	41%	24%	6%	8%
Cloud Cover	51%	58%	40%	37%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	05: 58 AM 17: 36 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 8.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	15 Oct 2020	16 Oct 2020	17 Oct 2020
<b>Temperature (C)</b>	34 °C/ 27 °C	34 °C/ 27 °C	34 °C/ 27 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	5h56m06s/17h31m48s	5h56m36s/17h31m00s	5h57m00s/17h30m06s
<b>Day Length</b>	11h35m42s	11h34m24s	11h33m06s
<b>Moon Rise/ Set</b>	4:02AM 4:45PM	5:06AM 5:27PM	6:12 AM 6:09 PM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	05:06, 18:22	05:06, 18:22	05:07, 18:21
<b>Civil Twilight</b>	05:33, 17:55	05:33, 17:55	05:34, 17:54
<b>Humidity</b>	D : 70%    N : 81%	D : 68%    N : 80%	D : 69%    N : 81%
<b>Barometer (mb)</b>	1006	1006	1005
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	4 Km/h N	7 Km/h NNW	7 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Oct 2020	16 Oct 2020	17 Oct 2020
<b>Temperature (C)</b>	33 °C/ 26 °C	33 °C/ 26 °C	32 °C/ 26 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h49m18s/17h27m06s	5h49m42s/17h26m24s	5h50m00s/17h25m30s
<b>Day Length</b>	11h37m48s	11h36m42s	11h35m30s
<b>Moon Rise/ Set</b>	3:57AM 4:39PM	5:01AM 5:21PM	6:05 AM 6:04 PM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	05: 01 18:16	05: 01 18:16	05: 02 18:15
<b>Civil Twilight</b>	05:26, 17:50	05:26, 17:50	05:27, 17:49
<b>Humidity</b>	D : 79% N : 91%	D : 77% N : 91%	D : 80% N : 92%
<b>Barometer (mb)</b>	1007	1006	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	60%
<b>Wind (mph)</b>	8 Km/h NW	8 Km/h NW	5 Km/h W

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



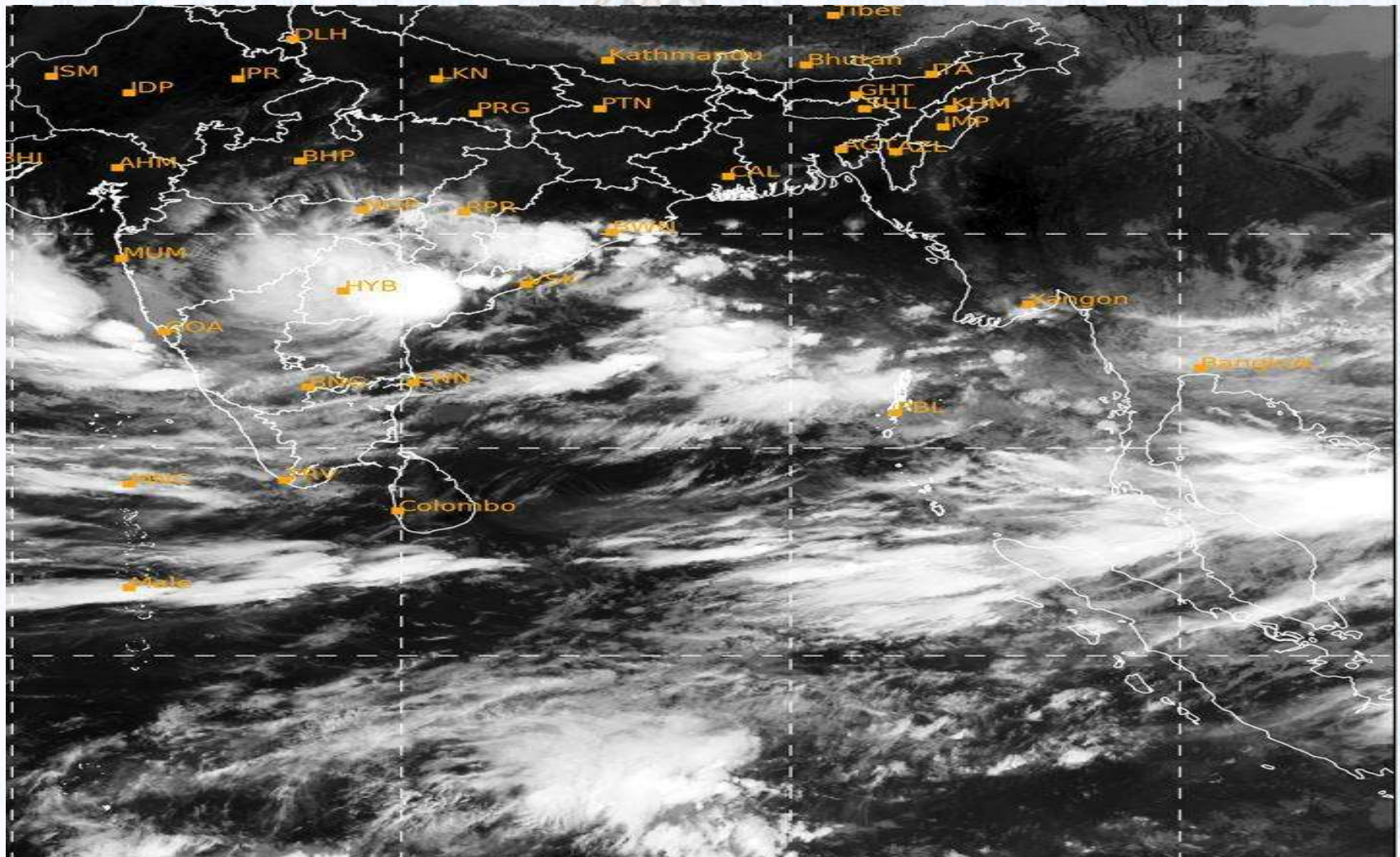
# GENERAL WEATHER FORECAST – KHULNA

Description	15 Oct 2020	16 Oct 2020	17 Oct 2020
<b>Temperature(C)</b>	34°C/ 26°C	34°C/ 26°C	34°C/ 26°C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	5h58m48s/17h35m54s	5h59m18s/17h35m06s	5h59m36s/17h34m18s
<b>Day Length</b>	11h37m06s	11h35m48s	11h34m42s
<b>Moon Rise/Set</b>	4:06AM 4:48PM	5:10AM 5:30PM	6:15 AM 6:13 PM
<b>Moon Phase/illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	05:09, 18:25	05:09, 18:25	05:10, 18:24
<b>Civil Twilight</b>	05:36, 17:59	05:36, 17:59	05:37, 17:58
<b>Humidity</b>	D : 73%    N : 85%	D : 71%    N : 83%	D : 71%    N : 83%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	7 km/h ESE	6 km/h N	7 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



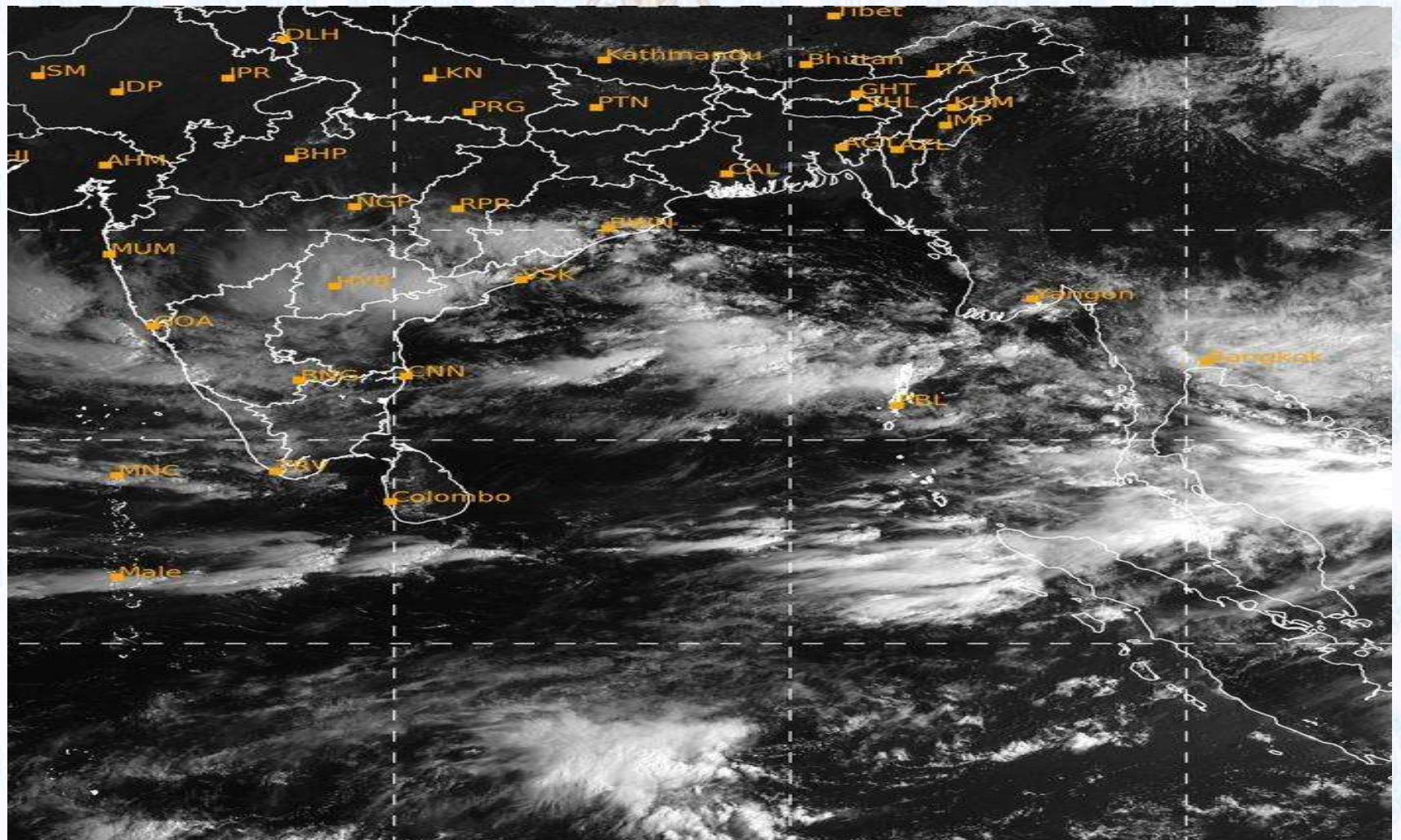
14/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



14/10/2020, 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 14.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK TO 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
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 14,0000 UTC. CHATTOGRAM =1008 HPA



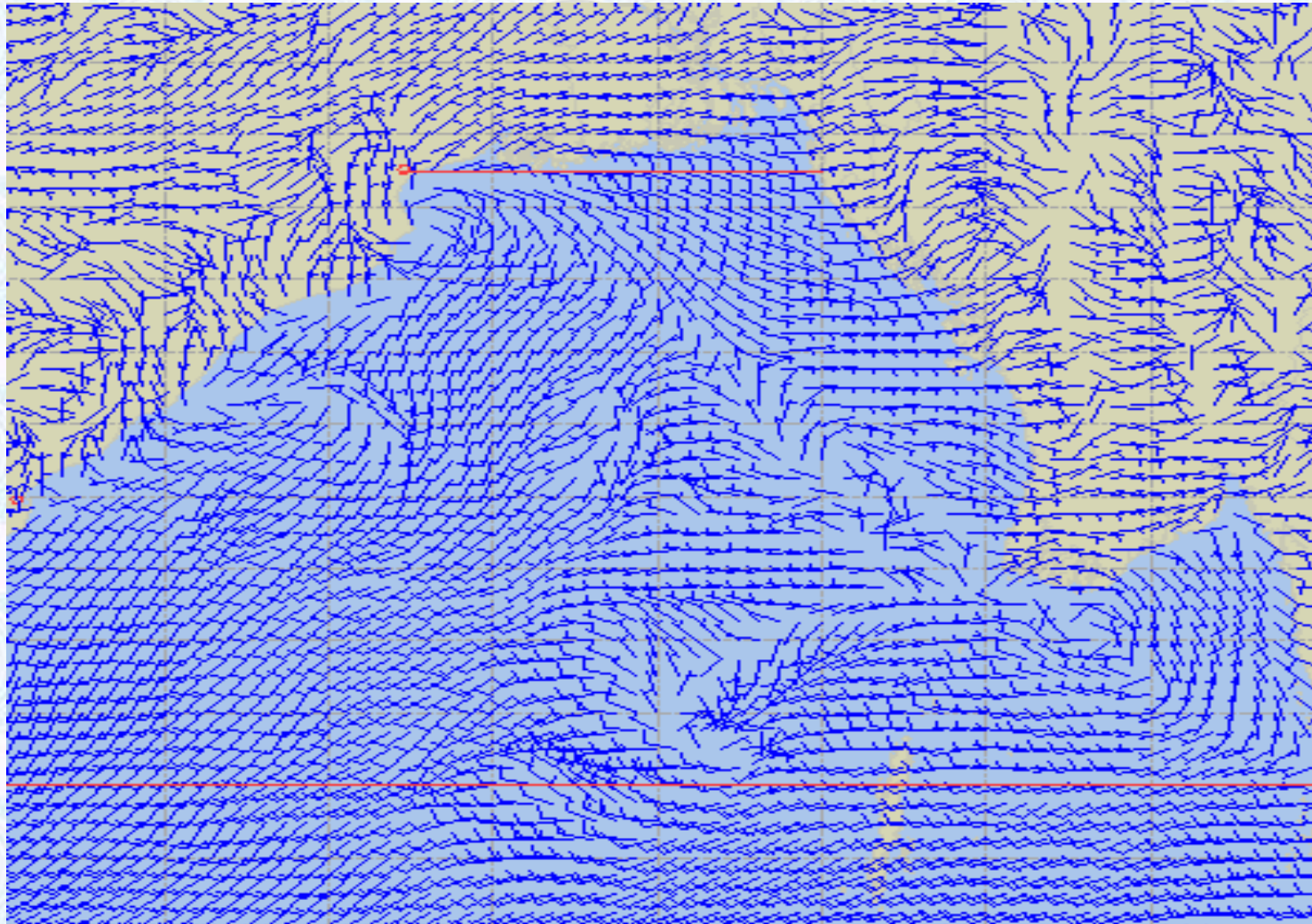
## **Inland River Port Warning** **(VALID TILL 06 PM OF 14.10.2020)**

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 JASHORE, KHULNA, KUSHTIA, BARISHAL, PATUAKHALI, NOAKHALI, DHAKA, MADARIPUR, FARIDPUR, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 15 Oct - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



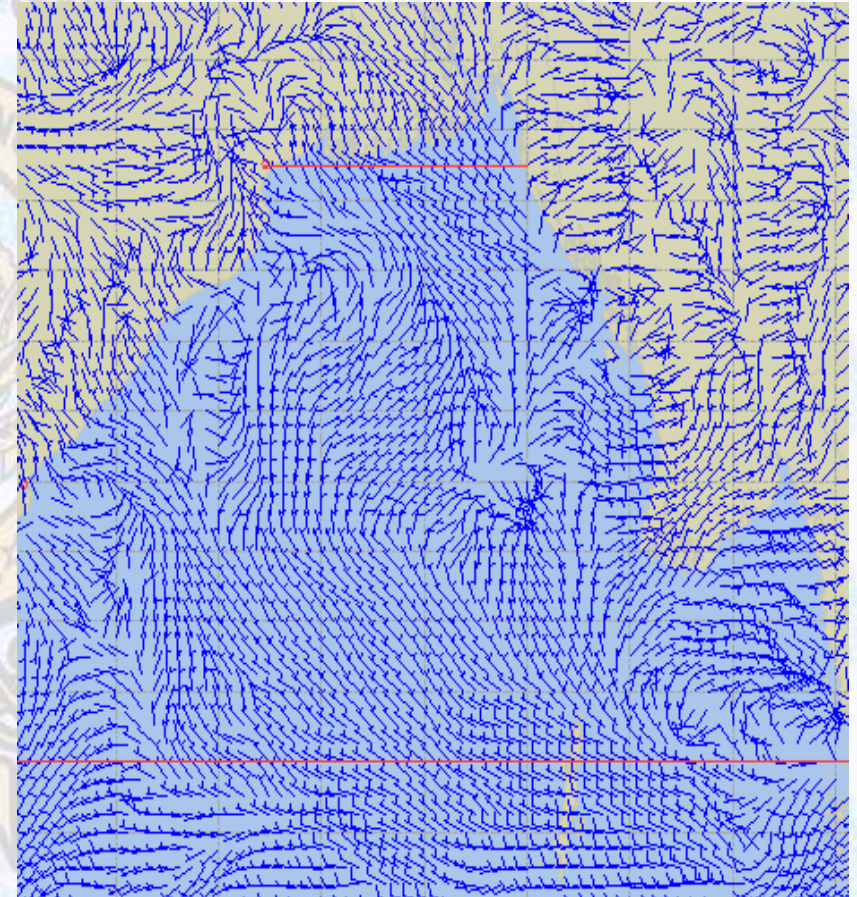
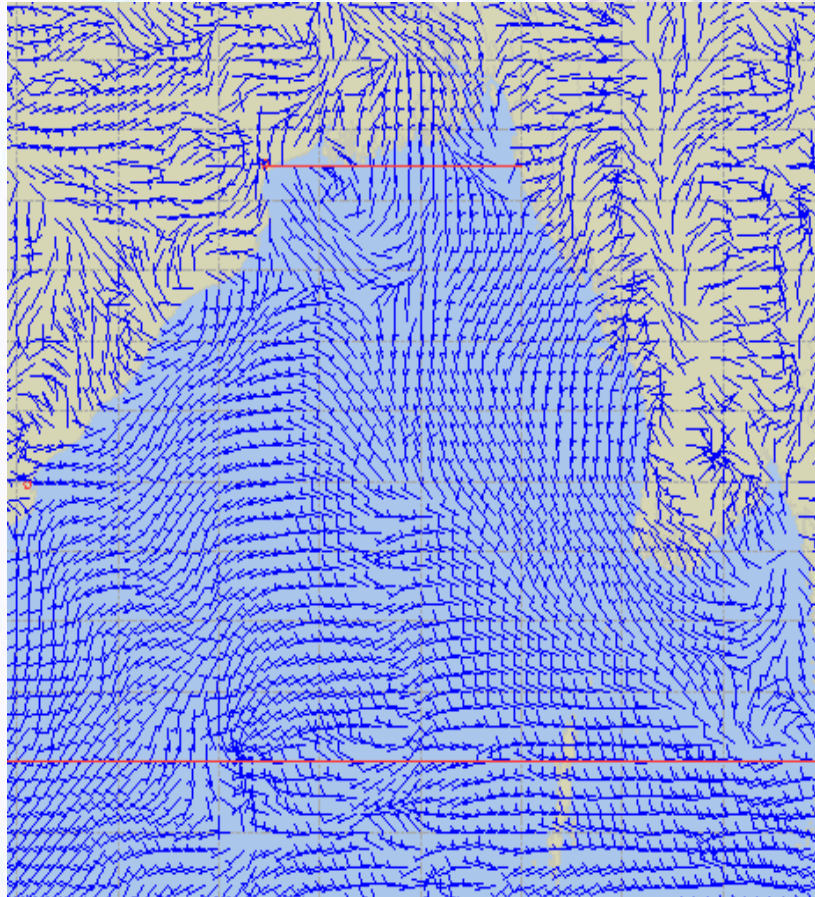
**60 Knots**



# Surface Wind Forecast – 16 & 17 Oct- 2020

16 Oct 20 Friday

17 Oct 20 Saturday



**Legend:**



Calm  
Winds



5 Knots



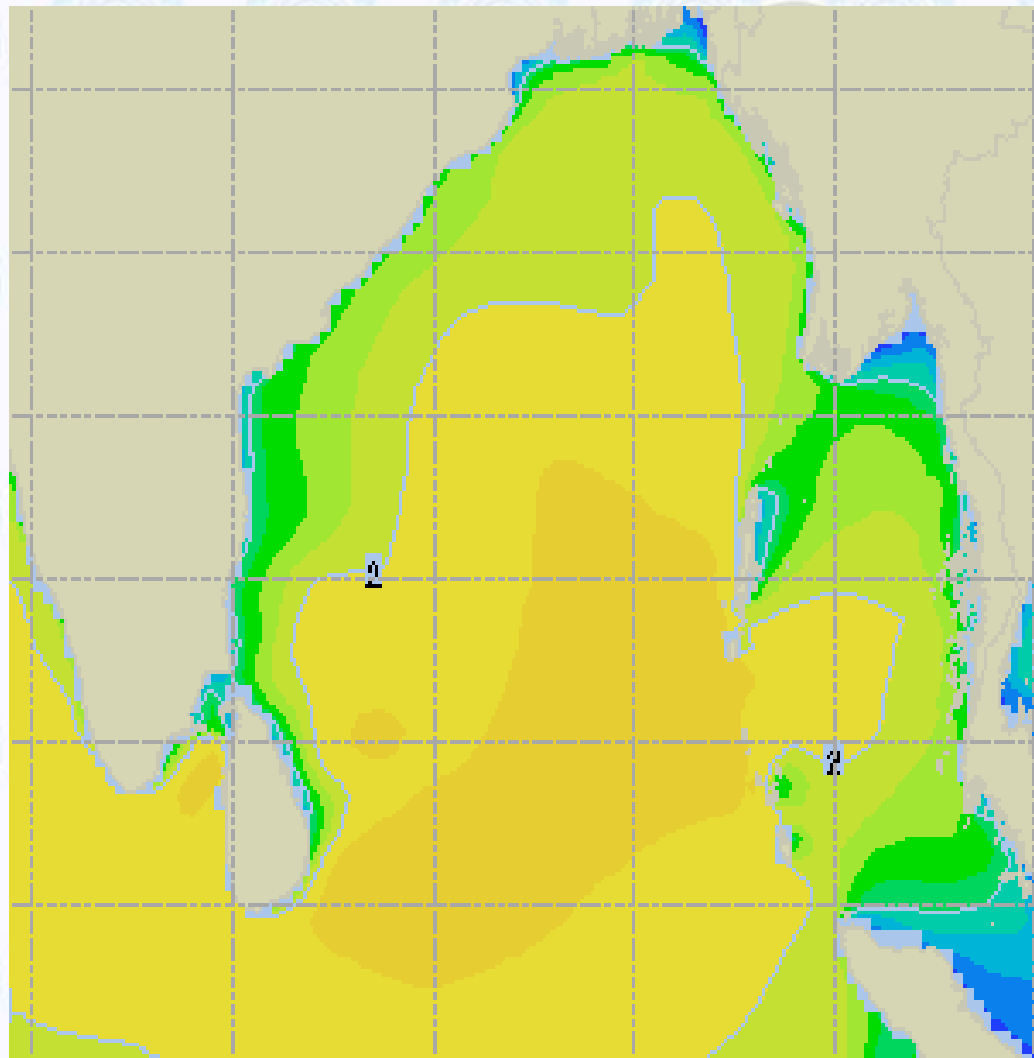
10 Knots



60 Knots



# Sea State Forecast – 15 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

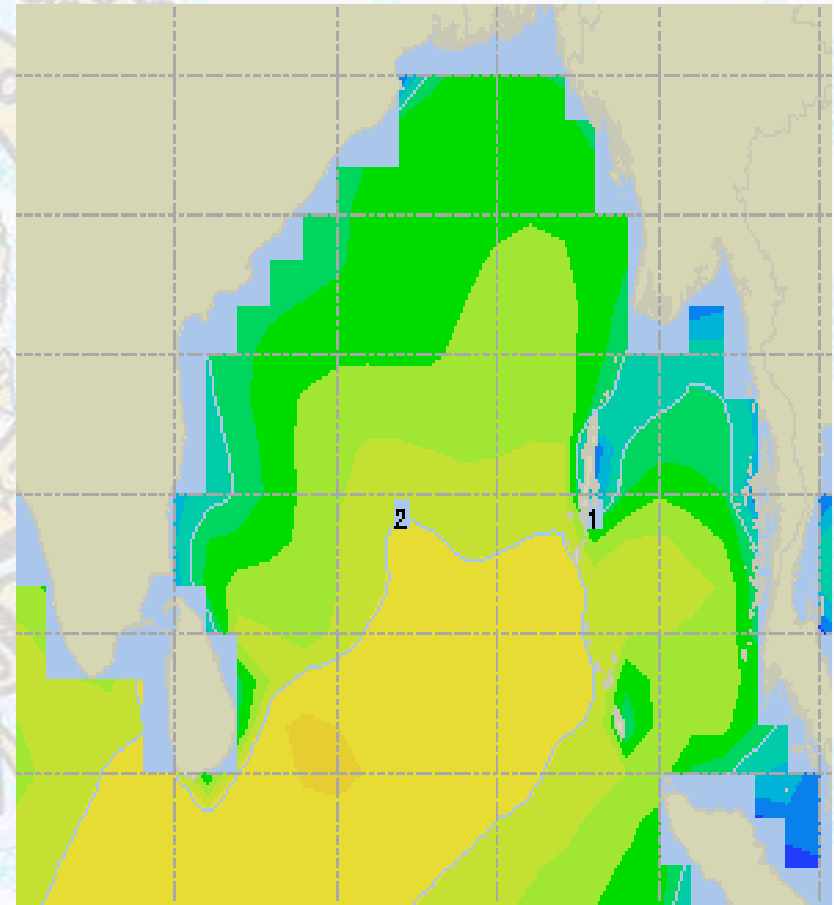
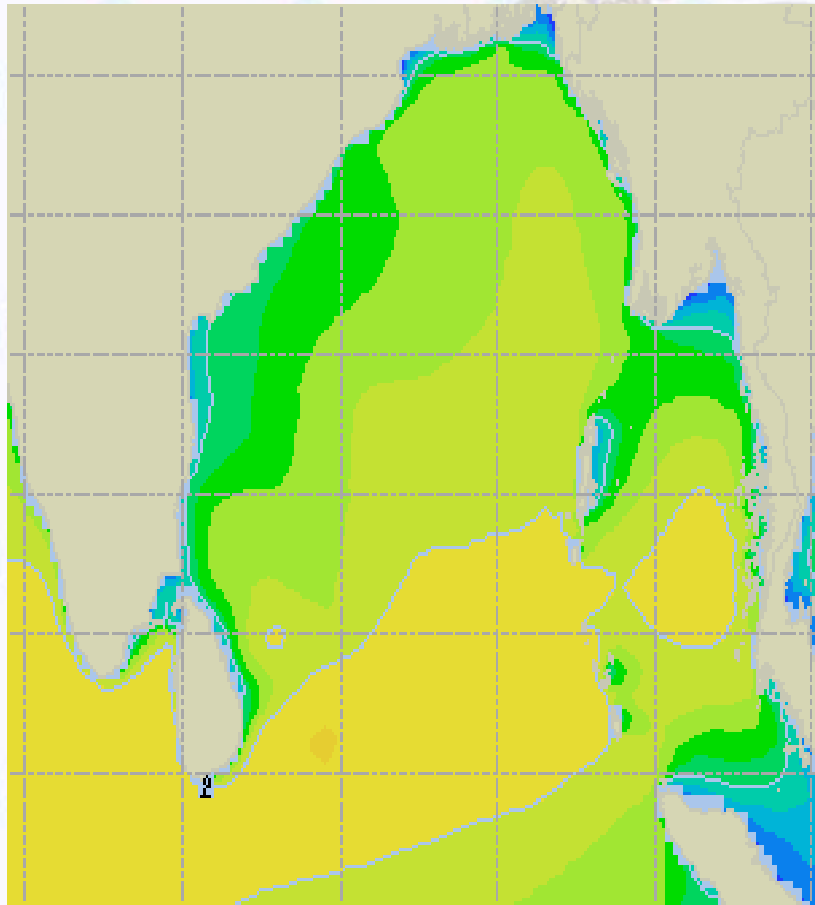




# Sea State Forecast – 16 & 17 Oct- 2020

16 Oct 20 Friday

17 Oct 20 Saturday

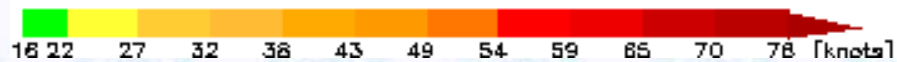
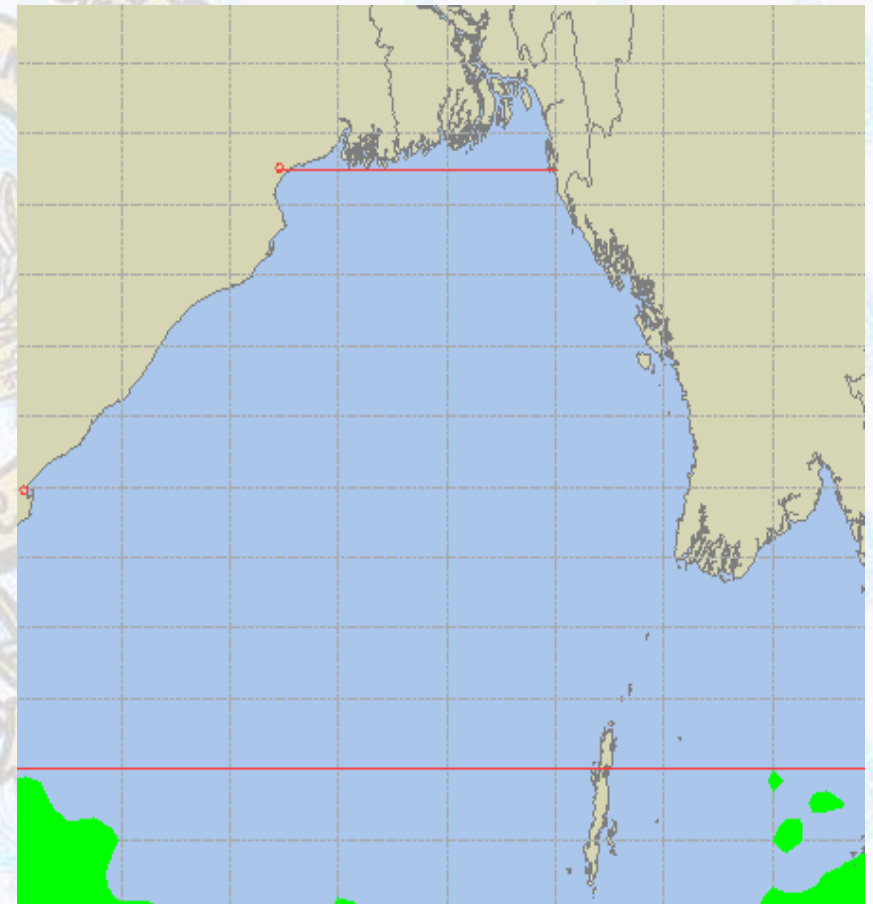
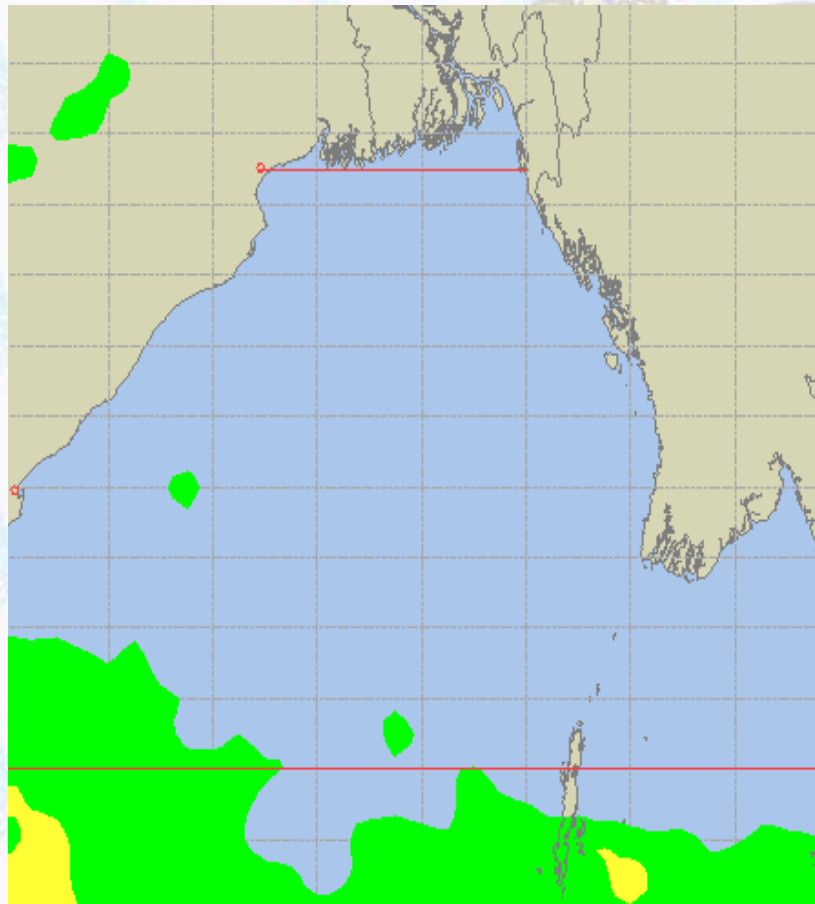




# Peak Gusting Possibilities— 15 & 16 Oct 2020

15 Oct 20 Thursday

16 Oct 20 Friday

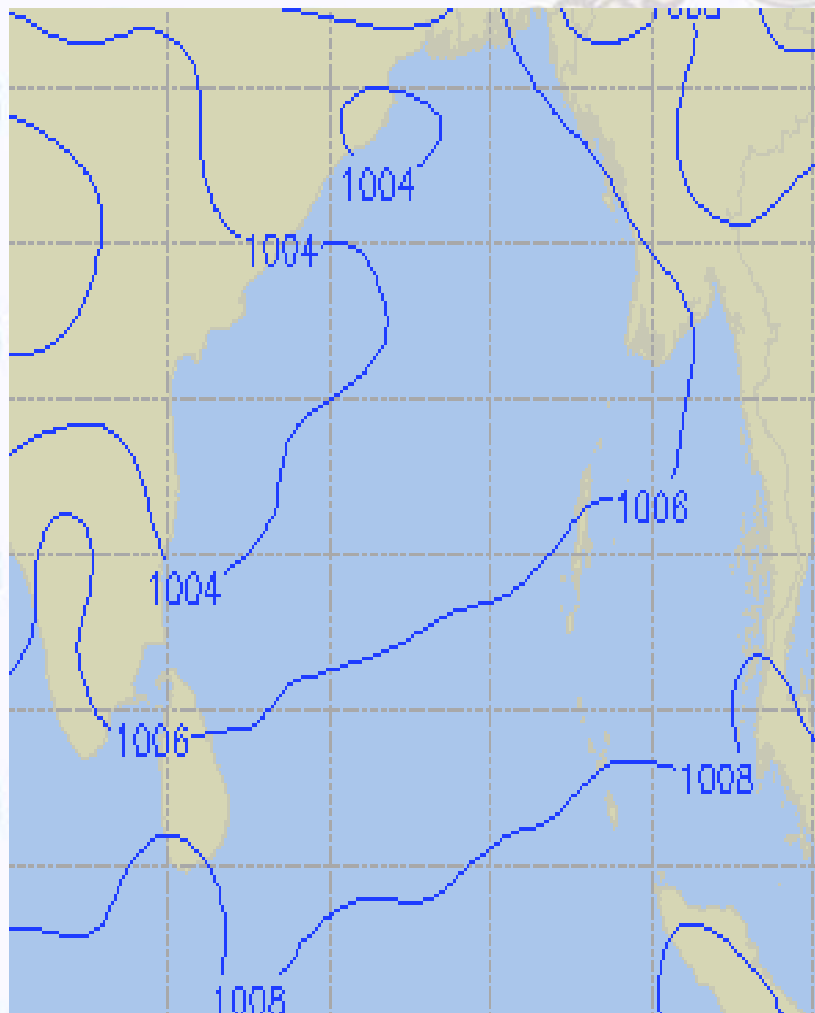




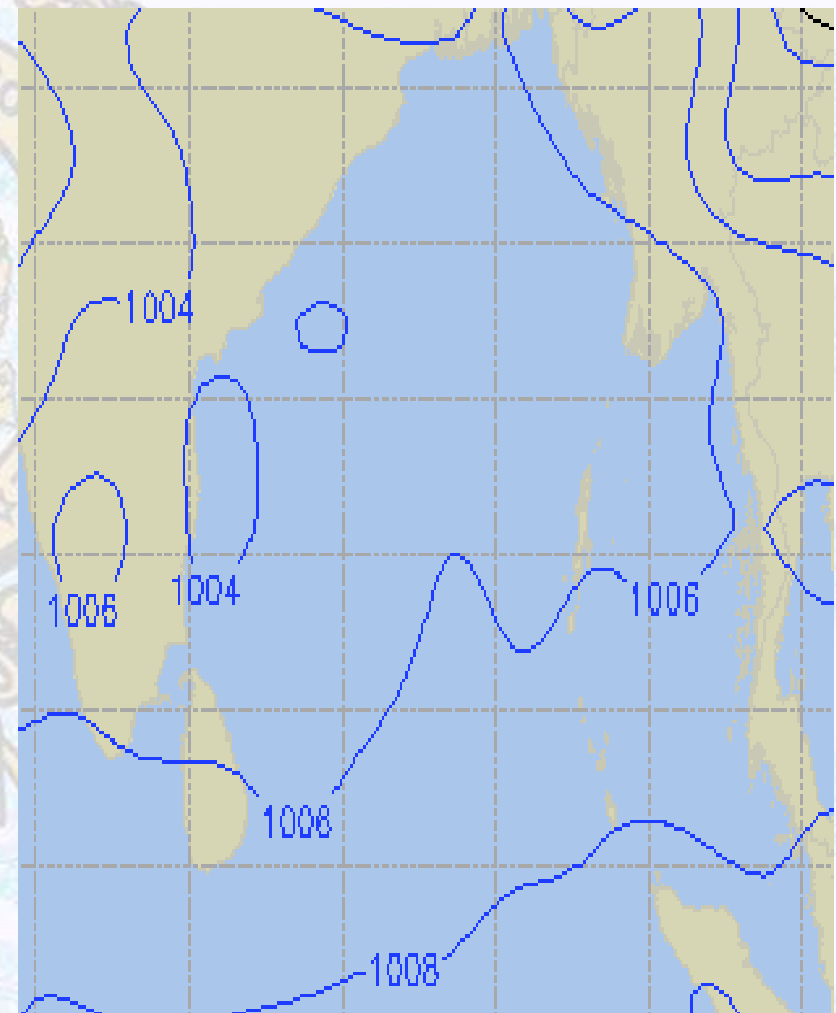


# Surface Pressure forecast– 15 & 16 Oct 2020

15 Oct 20 Thursday



16 Oct 20 Friday

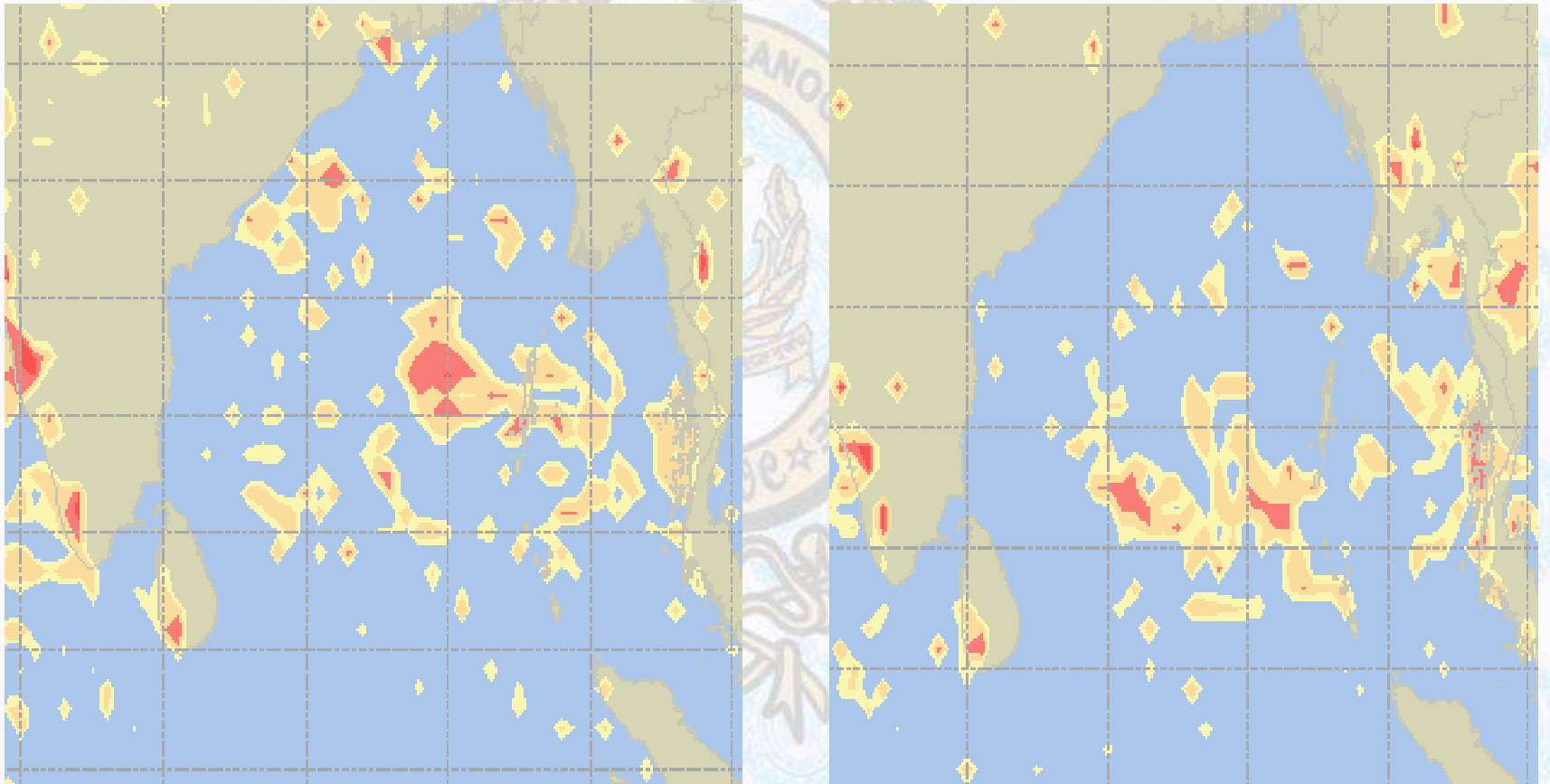




# Visibility at Sea Forecast – 15 & 16 Oct 2020

15 Oct 20 Thursday

16 Oct 20 Friday



**Visibility Scale:**

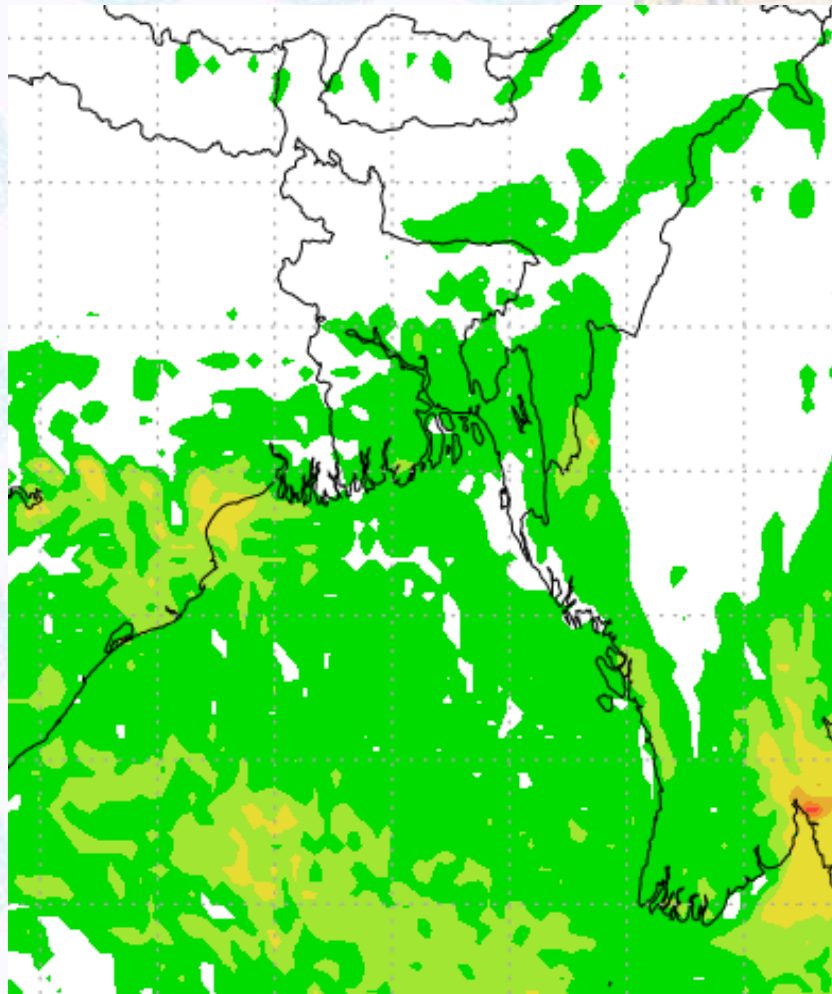


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

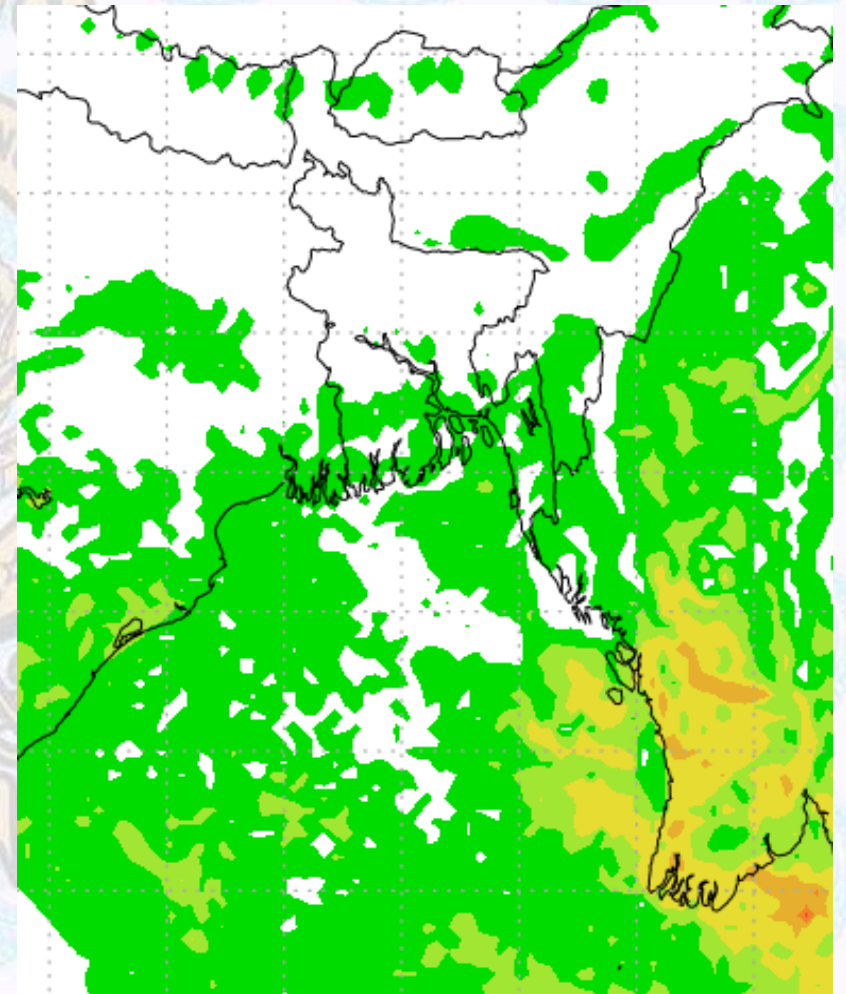


# Precipitation

Rain(mm) 15 & 16 Oct 2020



Rain(mm) 16 & 17 Oct 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0558		0.77			0336	0.90
15 Oct 2020	1141	4.93		0916	3.53		0913	3.21
	1821	0.55		1557	0.73		1540	0.67
	-	-		2139	3.70		2143	3.35
	Time	Height		Time	Height		Time	Height
		0009		5.13			0423	0.73
16 Oct 2020	0643	0.52		0958	3.70		0956	3.31
	1223	5.10		1641	0.59		1621	0.50
	1902	0.37		2220	3.90		2223	3.49
	Time	Height		Time	Height		Time	Height
		0047		5.32			0508	0.61
17 Oct 2020	0725	0.36		1040	3.77		1037	3.33
	1303	5.17		1724	0.51		1701	0.43
	1941	0.27		2302	3.97		2302	3.53