



# **WEATHER FORECAST FOR BN**

**25 OCT- 28 OCT 2020**





# WEATHER FORECAST – DHAKA

## 25.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 23	28 / 24	26 / 23	26 / 23
Wind	7 km/h W	8 km/h W	2 km/h NNW	1 km/h NNE
Humidity	70%	77%	82%	84%
Chance of Precip	12%	12%	16%	12%
Cloud Cover	56%	76%	44%	54%
Conditions	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Sunrise	06: 00 AM			
Sunset	17: 24 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 8.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 25.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 26	28 / 26	27 / 25
Wind	8 km/h SW	6 km/h SW	2 km/h S	3 km/h E
Humidity	84%	84%	90%	90%
Chance of Precip.	11%	11%	11%	20%
Cloud Cover	52%	82%	61%	54%
Conditions	Partly cloudy	Mostly cloudy	Partly cloudy	Partly cloudy
Sunrise Sunset	05: 53 AM 17: 19 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 8.66 Km

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



# WEATHER FORECAST – KHULNA

## 25.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	30 / 25	27 / 25	26 / 24
Wind	7 km/h NW	7 km/h NW	1 km/h NNW	0 km/h NW
Humidity	79%	82%	86%	90%
Chance of Precip.	9%	7%	6%	4%
Cloud Cover	47%	35%	35%	35%
Conditions	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Sunrise Sunset	06: 03 AM 17: 28 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 8.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	26 Oct 2020	27 Oct 2020	28 Oct 2020
<b>Temperature (C)</b>	32 °C/ 24 °C	32 °C/ 24 °C	32 °C/ 24 °C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	6h01m18s/17h23m12s	6h01m36s/17h22m18s	6h02m12s/17h21m36s
<b>Day Length</b>	11h21m54s	11h20m42s	11h19m24s
<b>Moon Rise/ Set</b>	2:41PM 01:21AM	3:16PM 02:14AM	3:48PM 3:05AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 74%	Waxing Gibbous, 82%	Waxing Gibbous, 89%
<b>Nautical Twilight</b>	05:08, 18:22	05:09, 18:23	05:09, 18:23
<b>Civil Twilight</b>	05:35, 17:53	05:34, 17:52	05:34, 17:52
<b>Humidity</b>	D : 71%    N : 83%	D : 69%    N : 82%	D : 69%    N : 81%
<b>Barometer (mb)</b>	1009	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	10%	10%
<b>Wind (mph)</b>	6 Km/h WNW	8 Km/h NNW	7 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	26 Oct 2020	27 Oct 2020	28 Oct 2020
<b>Temperature (C)</b>	30 °C/ 25 °C	31 °C/ 25 °C	31 °C/ 25 °C
<b>Summary</b>	Partly Cloudy	Sunny	Sunny
<b>Sun Rise/Set</b>	5h54m00s/17h19m06s	5h54m12s/17h18m12s	5h54m48s/17h17m36s
<b>Day Length</b>	11h25m06s	11h24m00s	11h22m48s
<b>Moon Rise/ Set</b>	2:33PM 01:17AM	3:09PM 02:10AM	3:48PM 3:05AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 74%	Waxing Gibbous, 82%	Waxing Gibbous, 89%
<b>NauticalTwilight</b>	05: 03 18:17	05: 04 18:19	05: 04 18:19
<b>Civil Twilight</b>	05:28, 17:48	05:29, 17:47	05:29, 17:47
<b>Humidity</b>	D : 83% N : 92%	D : 81% N : 90%	D : 79% N : 90%
<b>Barometer (mb)</b>	1008	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	6 Km/h NW	7 Km/h NNW	7 Km/h NNW

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



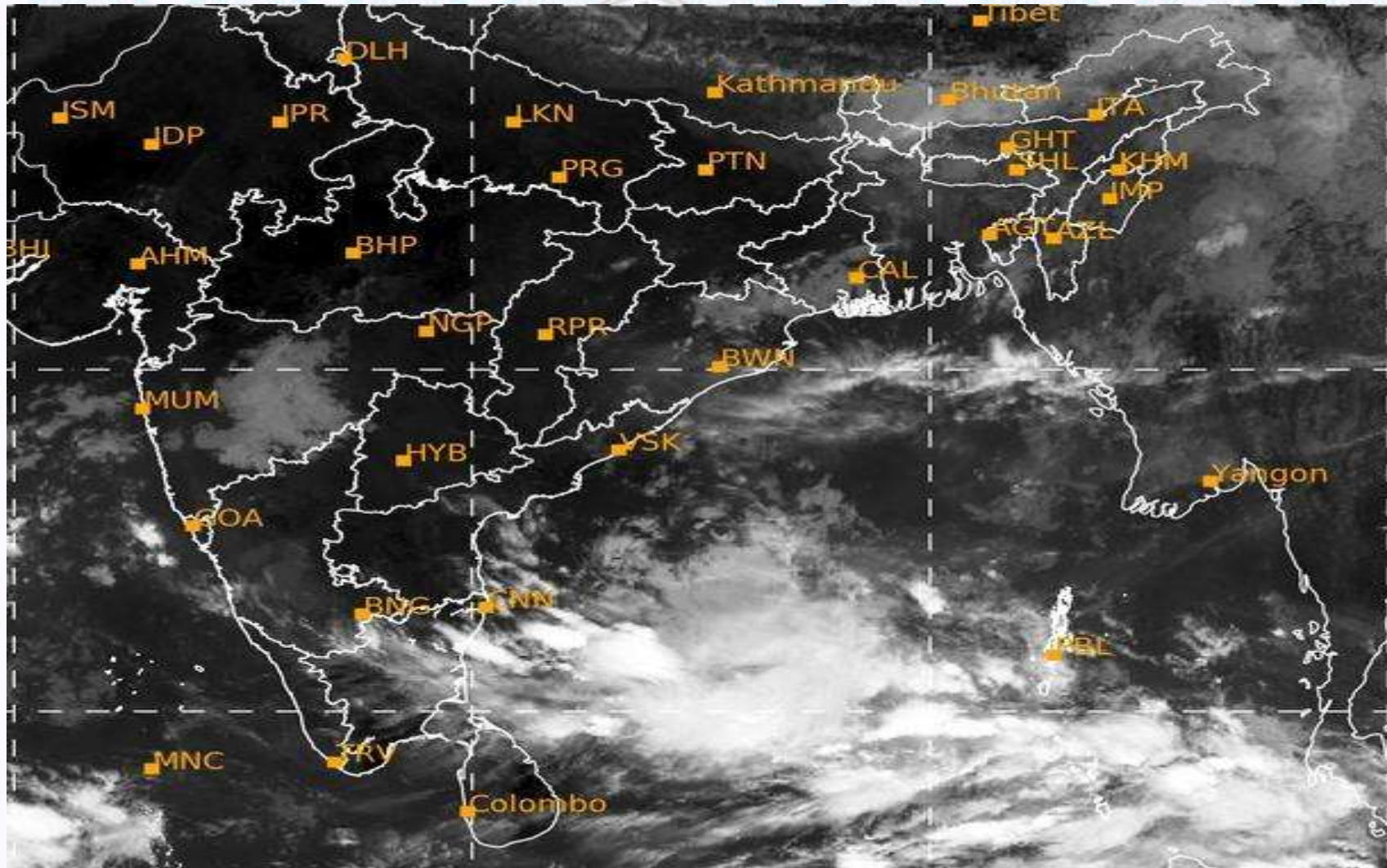
# GENERAL WEATHER FORECAST – KHULNA

Description	26 Oct 2020	27 Oct 2020	28 Oct 2020
<b>Temperature(C)</b>	32°C/ 23°C	32°C/ 23°C	32°C/ 23°C
<b>Summary</b>	Mostly Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h03m36s/17h27m42s	6h03m54s/17h26m48s	6h04m30s/17h26m12s
<b>Day Length</b>	11h24m06s	11h22m54s	11h21m42s
<b>Moon Rise/Set</b>	2:43PM 01:26AM	3:19PM 02:18AM	3:48PM 3:05AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 74%	Waxing Gibbous, 82%	Waxing Gibbous, 89%
<b>Nautical Twilight</b>	05:11, 18:24	05:12, 18:25	05:12, 18:25
<b>Civil Twilight</b>	05:39, 17:57	05:39, 17:56	05:39, 17:56
<b>Humidity</b>	D : 76%    N : 87%	D : 75%    N : 89%	D : 73%    N : 89%
<b>Barometer (mb)</b>	1010	1009	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	10%	10%	10%
<b>Wind (mph)</b>	6 km/h NNW	7 km/h NNW	10 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



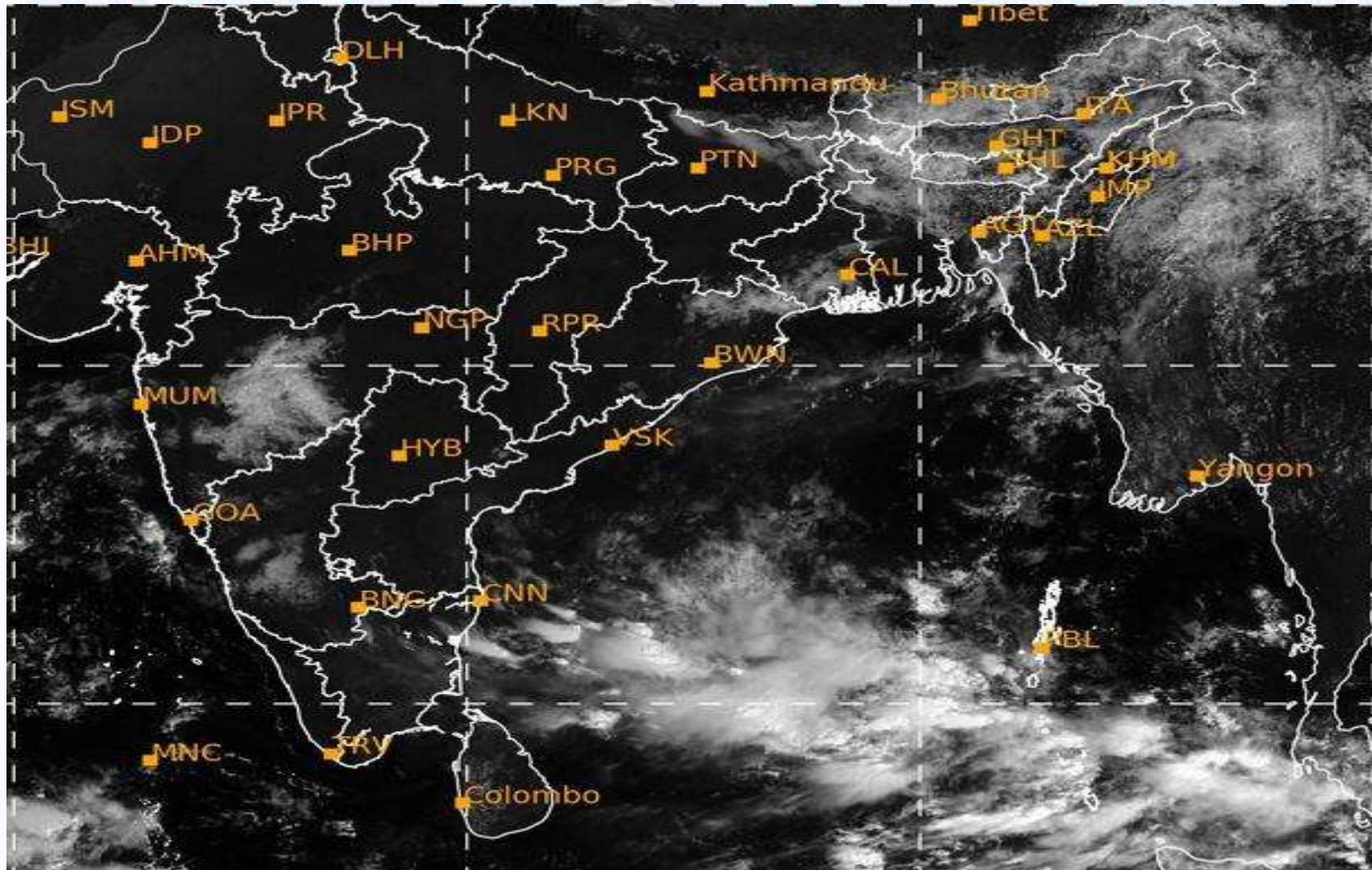
25/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



25/10/2020, 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 25.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	MONSOON IS WEAK TO MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/T.SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 25,0000 UTC. CHATTOGRAM = 1007 HPA



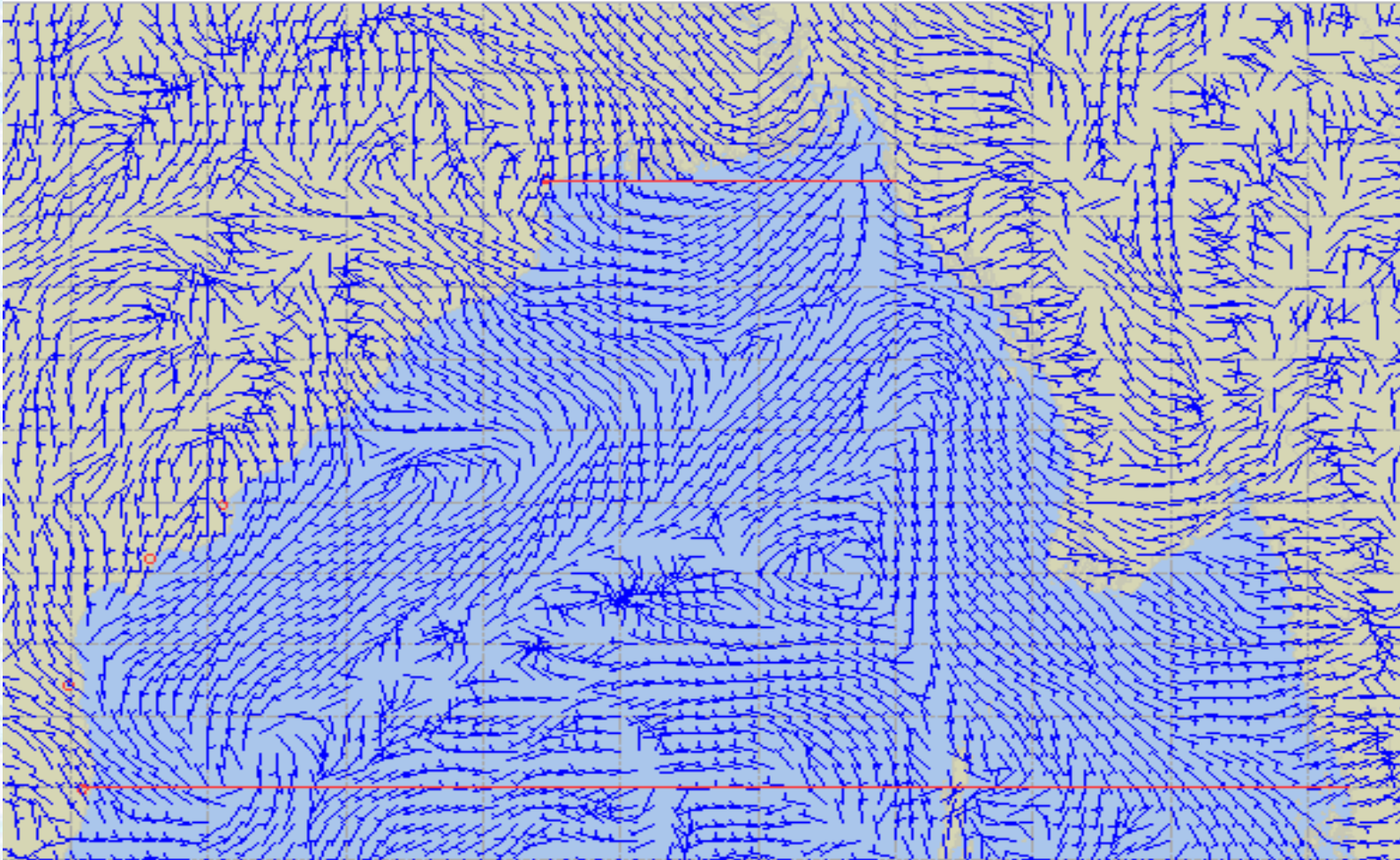
## Inland River Port Warning (VALID TILL 06 PM OF 25.10.2020)

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 26 Oct - 2020



### Legend:



Calm  
Winds



5 Knots



10 Knots



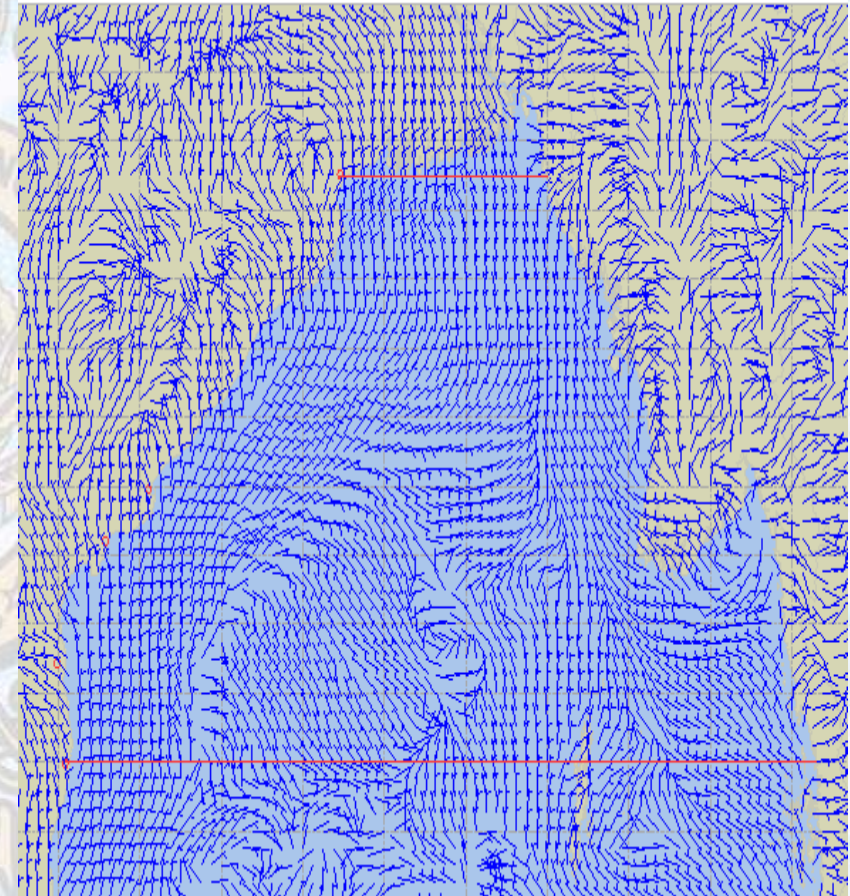
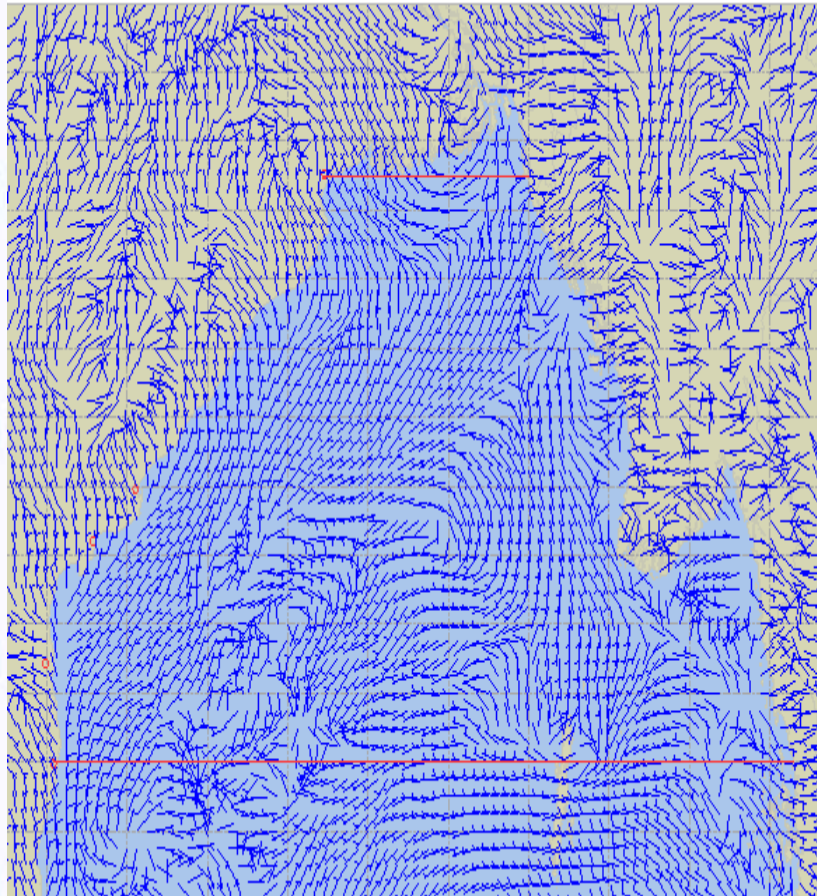
60 Knots



# Surface Wind Forecast – 27 & 28 Oct- 2020

27 Oct 20 Tuesday

28 Oct 20 Wednesday



## Legend:



Calm  
Winds



5 Knots



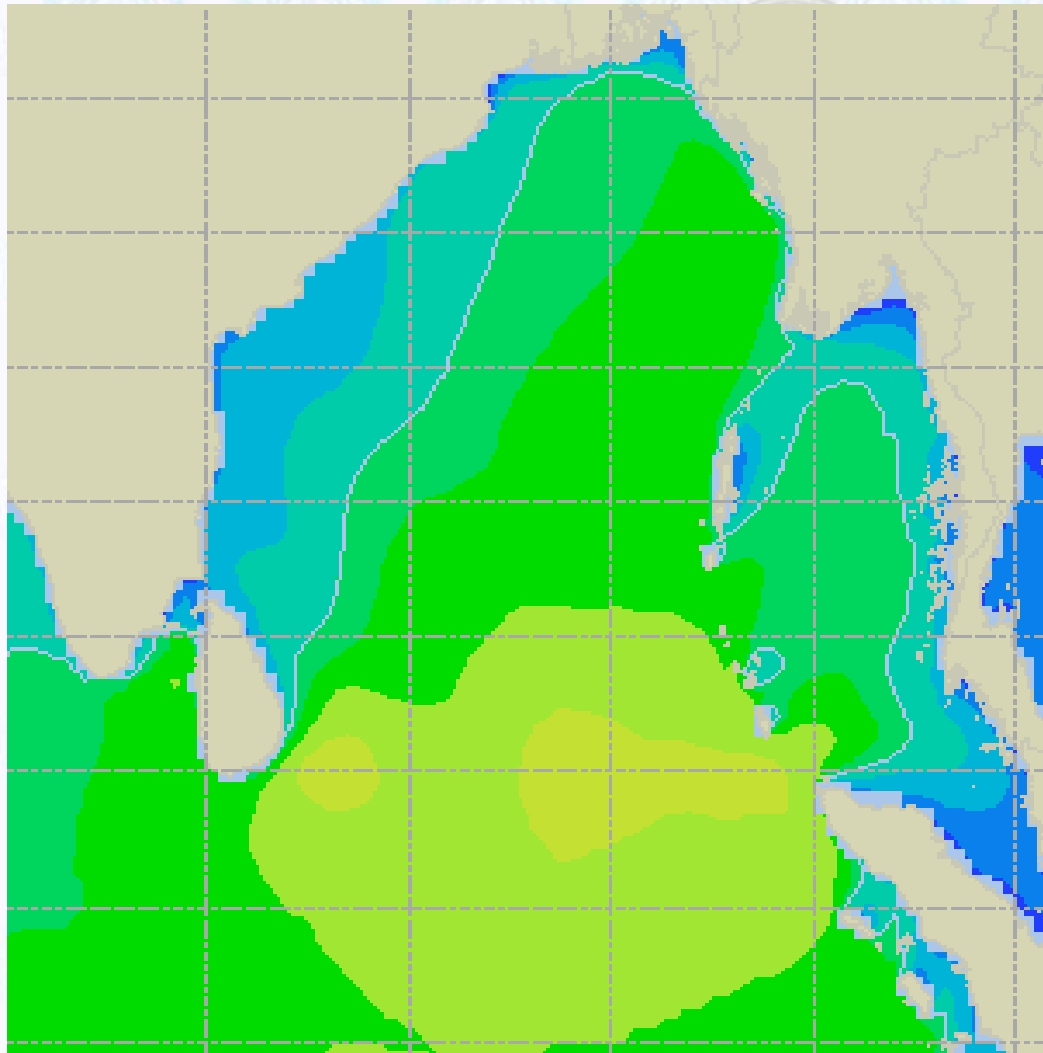
10 Knots



60 Knots



# Sea State Forecast – 26 Oct- 2020



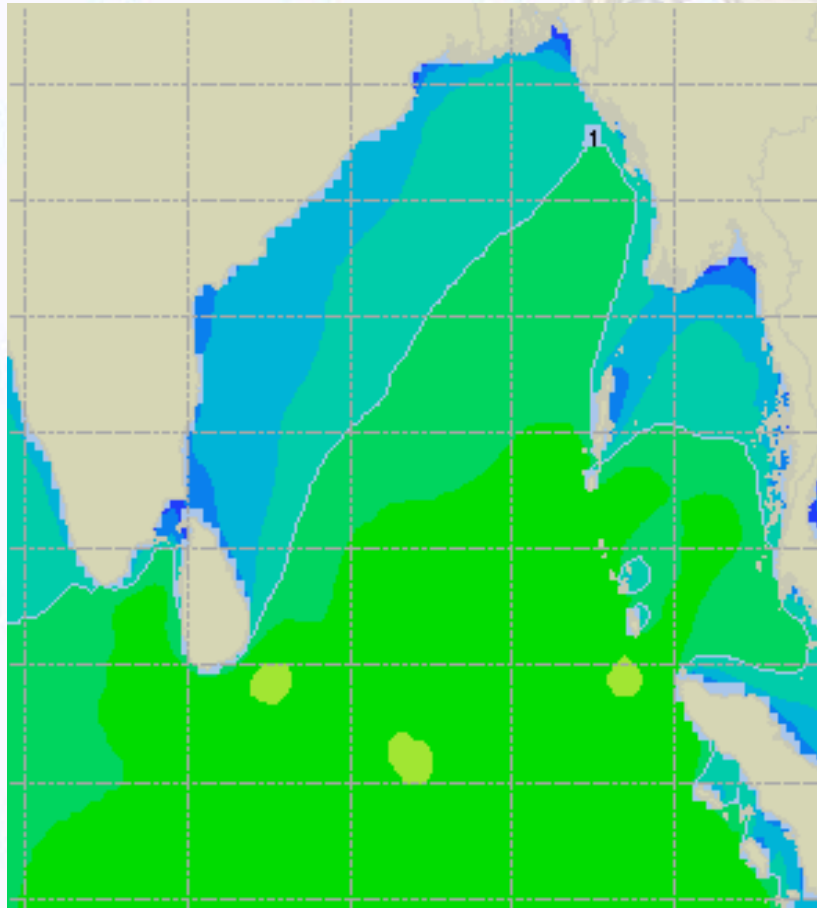
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



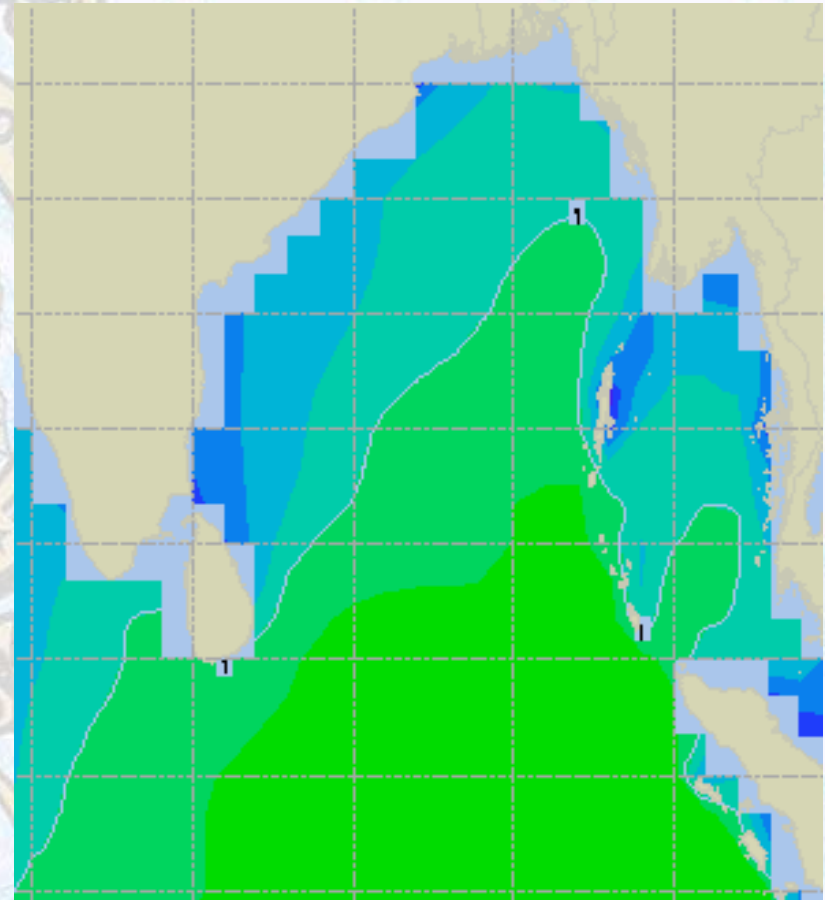


# Sea State Forecast – 27 & 28 Oct- 2020

27 Oct 20 Tuesday



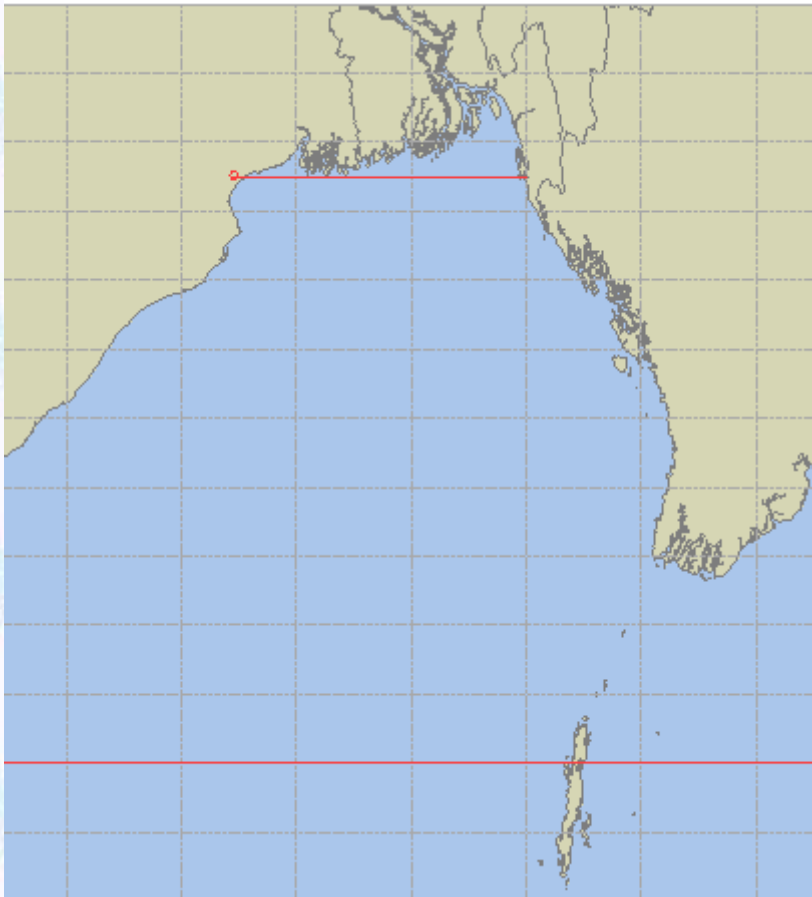
28 Oct 20 Wednesday



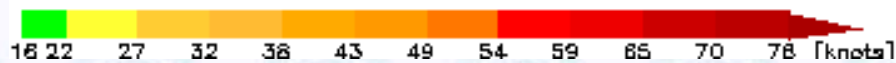
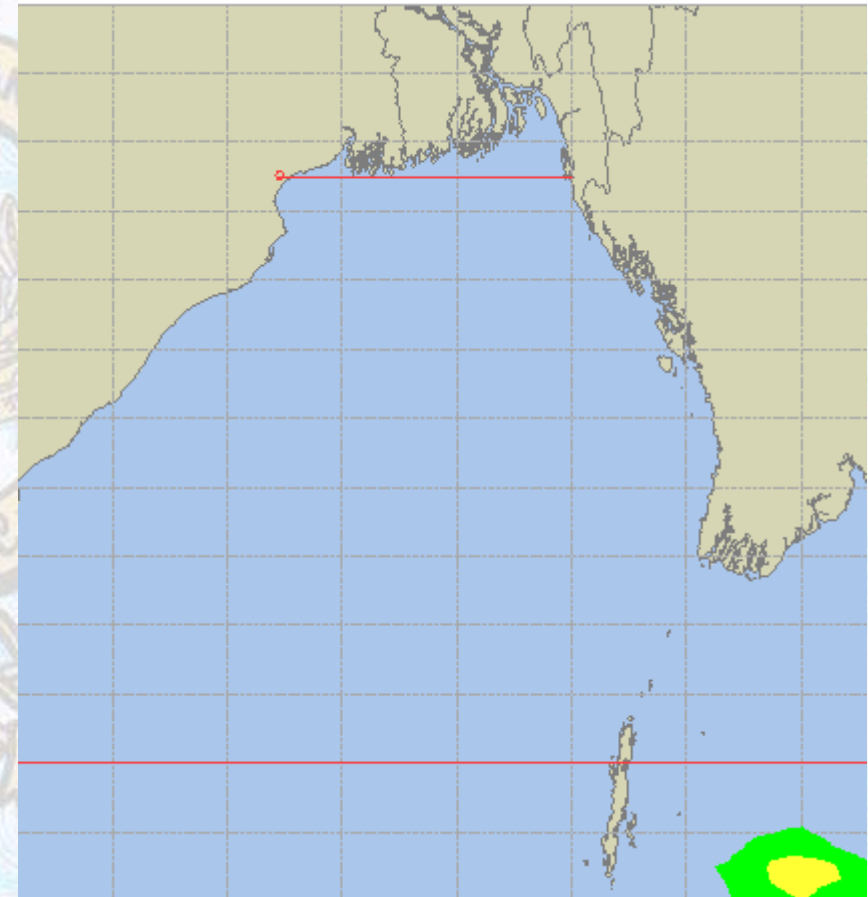


# Peak Gusting Possibilities— 26 & 27 Oct 2020

26 Oct 20 Monday



27 Oct 20 Tuesday

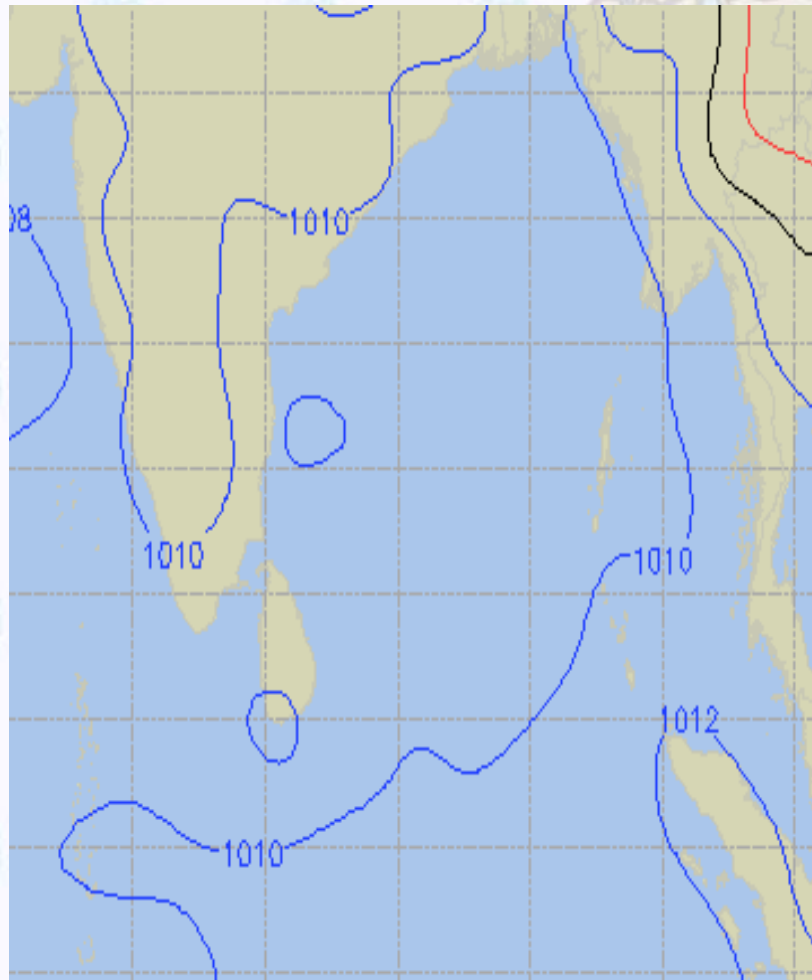




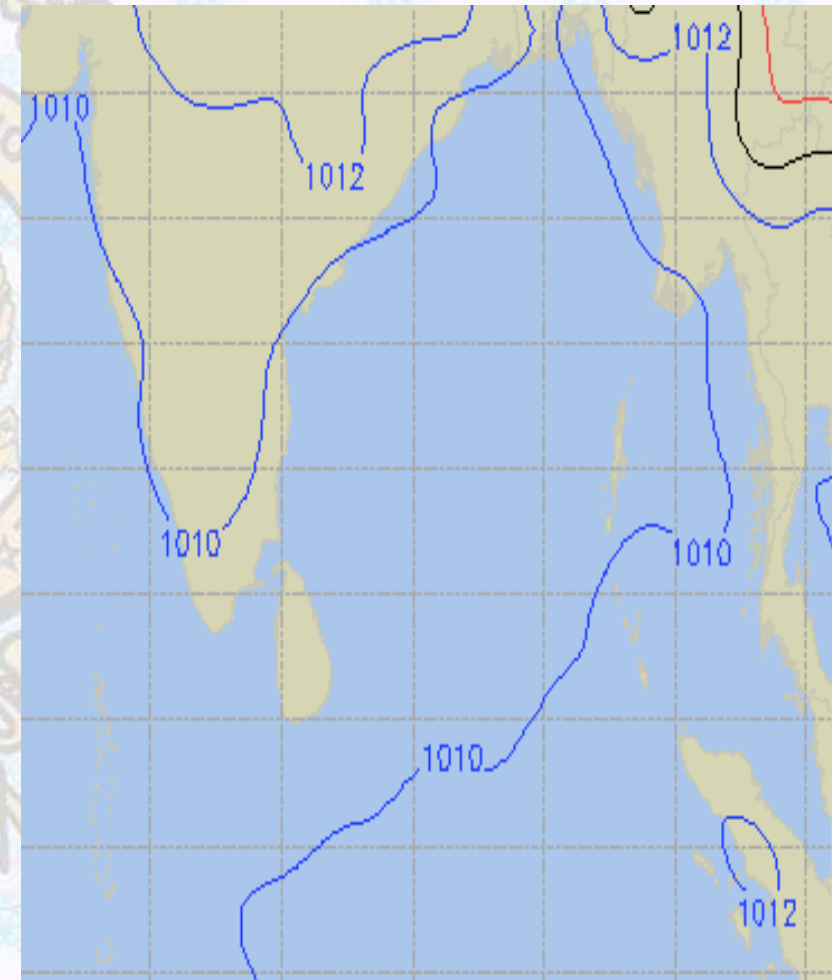


# Surface Pressure forecast– 26 & 27 Oct 2020

26 Oct 20 Monday



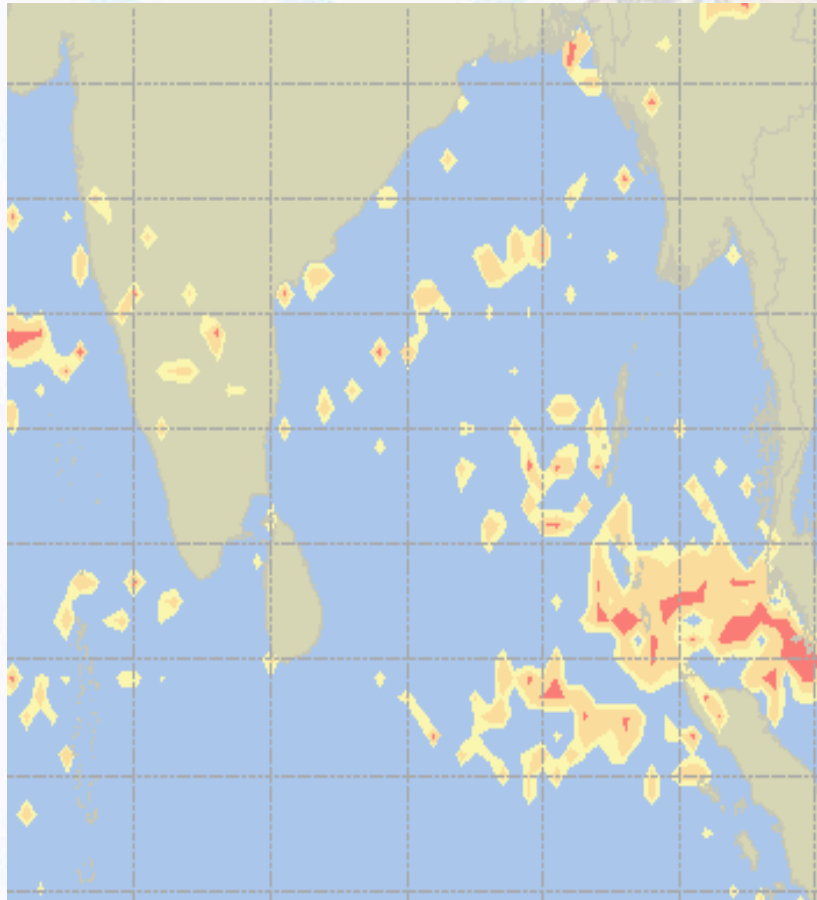
27 Oct 20 Tuesday



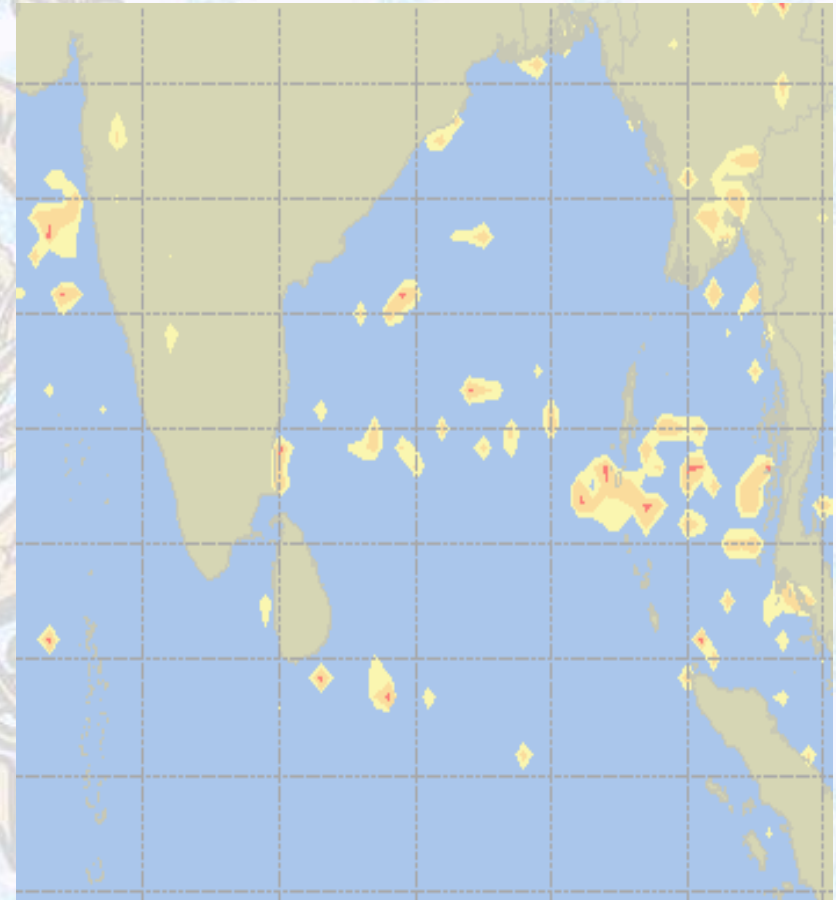


# Visibility at Sea Forecast – 26 & 27 Oct 2020

26 Oct 20 Monday



27 Oct 20 Tuesday



**Visibility Scale:**



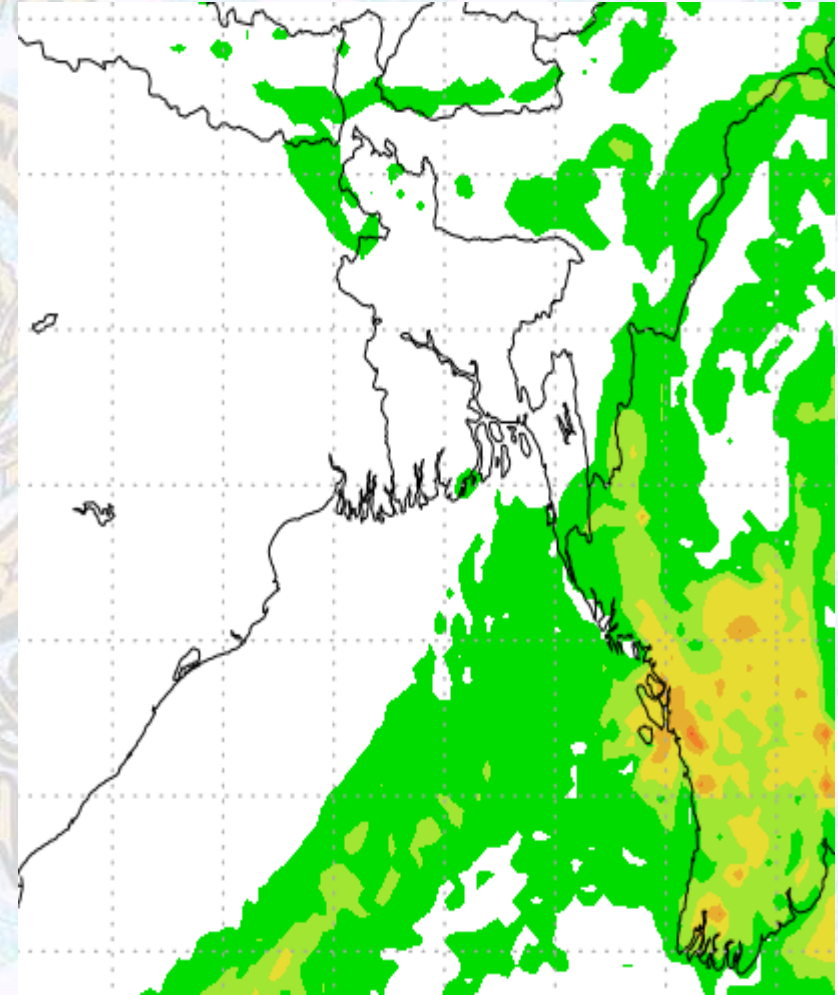
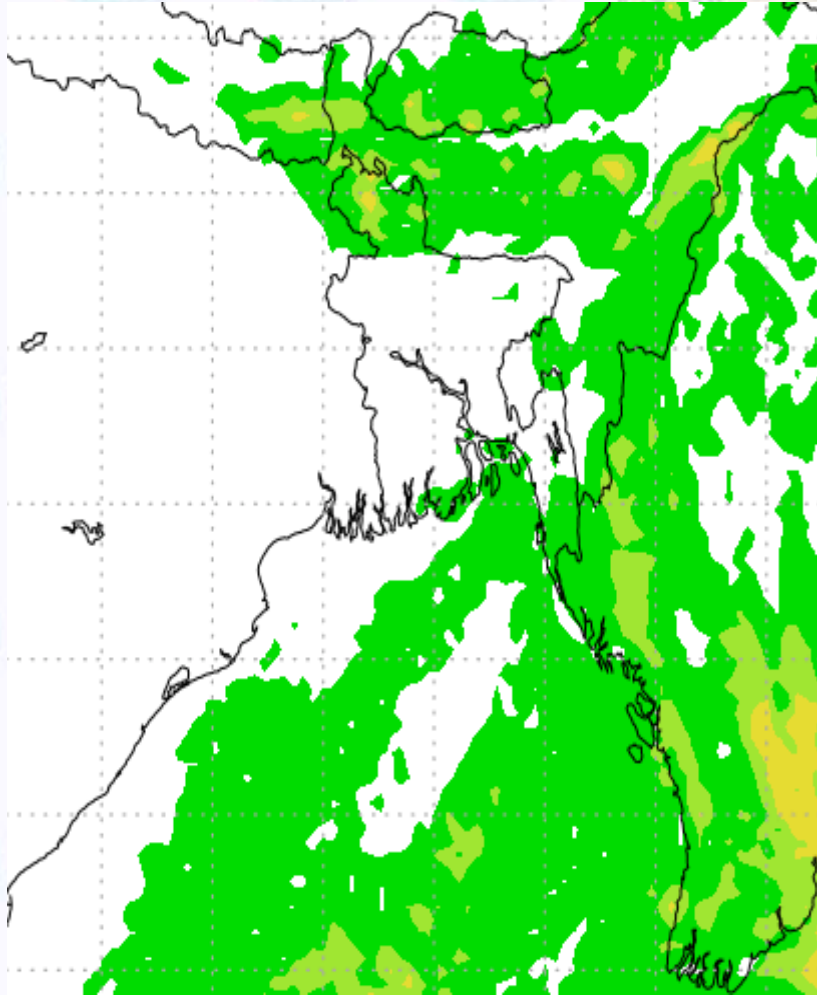
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 25 & 26 Oct 2020

Rain(mm) 26 & 27 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>26 Oct 2020</b>	0335	1.44		0058	1.32		0052	1.48
	0940	4.05		0657	2.66		0712	2.64
	1609	1.00		1341	1.18		1337	1.25
	2227	4.18		1945	2.69		1957	2.62
<b>27 Oct 2020</b>	0439	1.17		0207	1.20		0157	1.32
	1038	4.21		0759	2.80		0807	2.74
	1701	0.83		1434	1.07		1425	1.10
	2313	4.45		2032	2.92		2041	2.80
<b>28 Oct 2020</b>	0528	0.92		0302	1.07		0246	1.16
	1123	4.36		0846	2.95		0849	2.83
	1744	0.70		1519	0.96		1505	0.97
	2349	4.66		2111	3.13		2116	2.95