



# **WEATHER FORECAST FOR BN**

***18 OCT- 21 OCT 2020***





# WEATHER FORECAST – DHAKA

## 18.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 24	31 / 24	29 / 24	28 / 24
Wind	11 km/h S	7 km/h S	7 km/h SSE	3 km/h S
Humidity	62%	61%	73%	77%
Chance of Precip	21%	24%	5%	20%
Cloud Cover	65%	67%	63%	45%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	05: 57 AM 17: 29 PM			

### Conditions

Pressure : 1008 hpa

Visibility : 4.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 18.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 26	29 / 26	28 / 26
Wind	4 km/h W	5 km/h W	2 km/h E	3 km/h ESE
Humidity	73%	79%	85%	86%
Chance of Precip.	7%	10%	22%	24%
Cloud Cover	77%	82%	75%	80%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise	05: 50 AM			
Sunset	17: 24 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



# WEATHER FORECAST – KHULNA

## 18.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	31 / 27	30 / 27	29 / 27
Wind	6 km/h SE	6 km/h NNW	3 km/h S	2 km/h WSW
Humidity	69%	75%	87%	91%
Chance of Precip.	41%	24%	6%	8%
Cloud Cover	71%	88%	70%	77%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	06: 00 AM 17: 33 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	19 Oct 2020	20 Oct 2020	21 Oct 2020
<b>Temperature (C)</b>	32 °C/ 26 °C	32 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy	Mostly Cloudy	Mostly Cloudy
<b>Sun Rise/Set</b>	5h57m54s/17h28m30s	5h57m54s/17h28m30s	5h59m06s/17h27m06s
<b>Day Length</b>	11h30m36s	11h30m36s	11h28m00s
<b>Moon Rise/ Set</b>	8:26AM 7:43PM	9:34AM 8:35PM	10:39AM 9:32PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 12%	Waxing Crescent, 22%	Waxing Crescent, 32%
<b>Nautical Twilight</b>	05:07, 18:21	05:07, 18:21	05:07, 18:21
<b>Civil Twilight</b>	05:34, 17:54	05:34, 17:54	05:34, 17:54
<b>Humidity</b>	D : 73%    N : 81%	D : 72%    N : 81%	D : 73%    N : 81%
<b>Barometer (mb)</b>	1006	1006	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	6 Km/h NW	6 Km/h E	6 Km/h E

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	19 Oct 2020	20 Oct 2020	21 Oct 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h50m48s/17h23m54s	5h50m48s/17h23m54s	5h51m54s/17h22m42s
<b>Day Length</b>	11h33m06s	11h33m06s	11h30m48s
<b>Moon Rise/ Set</b>	8:18AM 7:39PM	9:34AM 8:35PM	10:39AM 9:32PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 12%	Waxing Crescent, 22%	Waxing Crescent, 32%
<b>NauticalTwilight</b>	05: 02 18:15	05: 02 18:15	05: 02 18:15
<b>Civil Twilight</b>	05:27, 17:49	05:27, 17:49	05:27, 17:49
<b>Humidity</b>	D : 80% N : 91%	D : 80% N : 91%	D : 79% N : 91%
<b>Barometer (mb)</b>	1006	1007	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	40%	50%	50%
<b>Wind (mph)</b>	6 Km/h NW	6 Km/h S	6 Km/h S

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



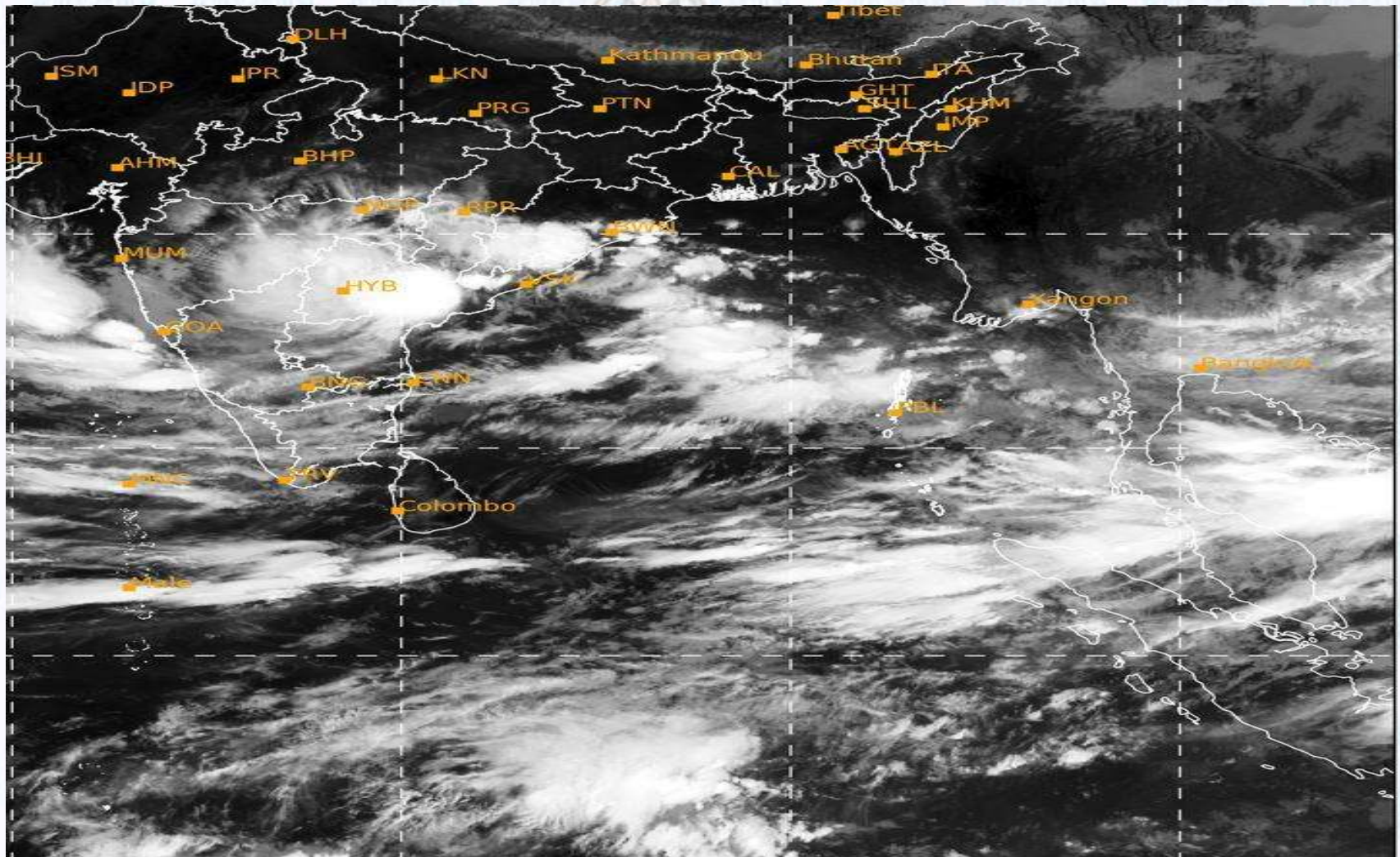
# GENERAL WEATHER FORECAST – KHULNA

Description	19 Oct 2020	20 Oct 2020	21 Oct 2020
<b>Temperature(C)</b>	34°C/ 26°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	6h00m24s/17h32m36s	6h00m24s/17h32m36s	6h01m30s/17h31m24s
<b>Day Length</b>	11h32m12s	11h32m12s	11h29m54s
<b>Moon Rise/Set</b>	8:28AM 7:48PM	9:34AM 8:35PM	10:39AM 9:32PM
<b>Moon Phase/illu</b>	Waxing Crescent, 12%	Waxing Crescent, 22%	Waxing Crescent, 32%
<b>Nautical Twilight</b>	05:10, 18:24	05:10, 18:24	05:10, 18:24
<b>Civil Twilight</b>	05:37, 17:58	05:37, 17:58	05:37, 17:58
<b>Humidity</b>	D : 82%    N : 92%	D : 81%    N : 92%	D : 84%    N : 92%
<b>Barometer (mb)</b>	1007	1007	1007
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	70%	70%
<b>Wind (mph)</b>	7 km/h E	10 km/h E	11 km/h E

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



# SATELLITE VIEW OF BAY OF BENGAL



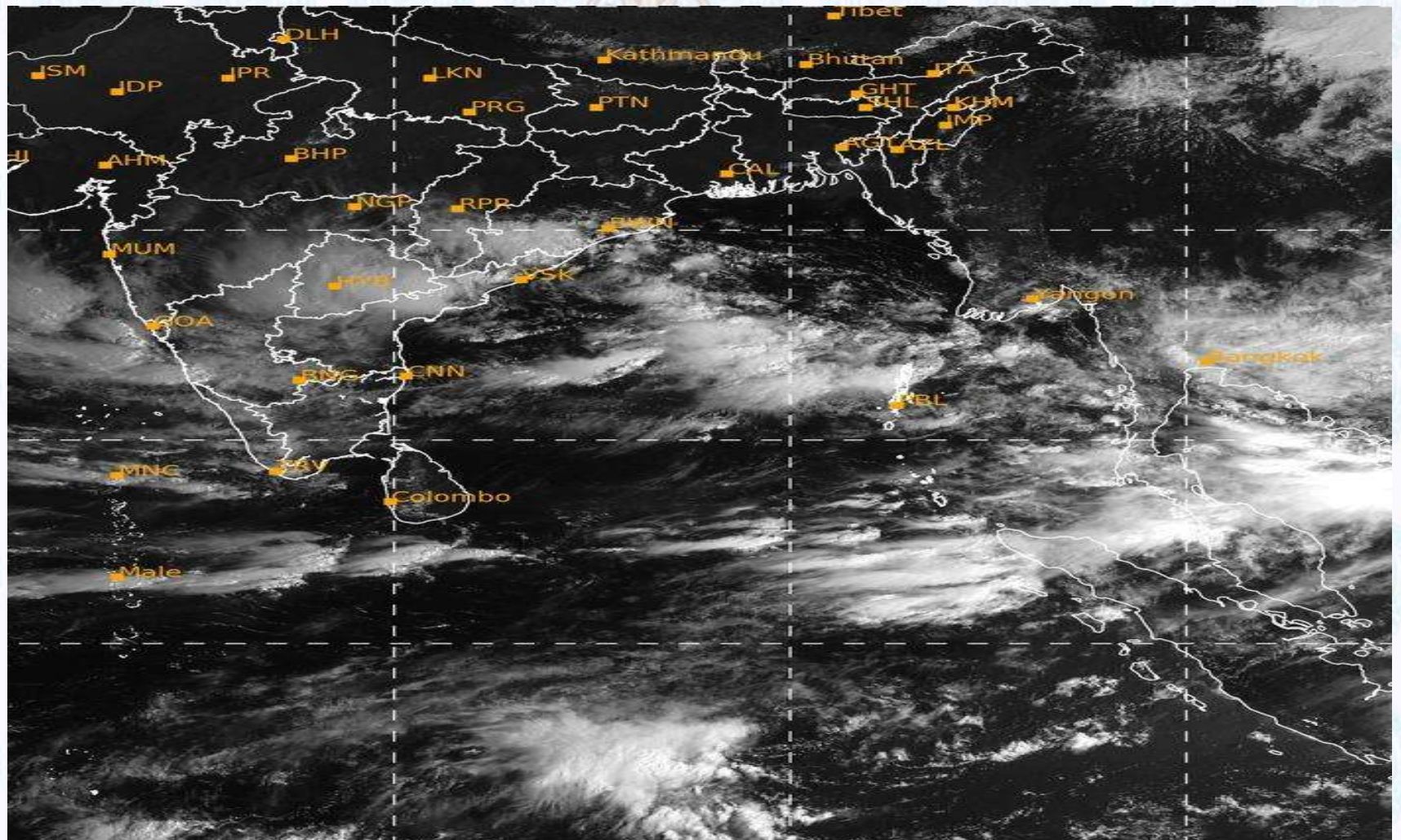
18/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/10/2020, 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 18.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH-EAST/EASTERLY,(08-12)KTS,TEMPORARY GUSTING TO 22 KTS.
	Visibility	(03-05) KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1008 HPA



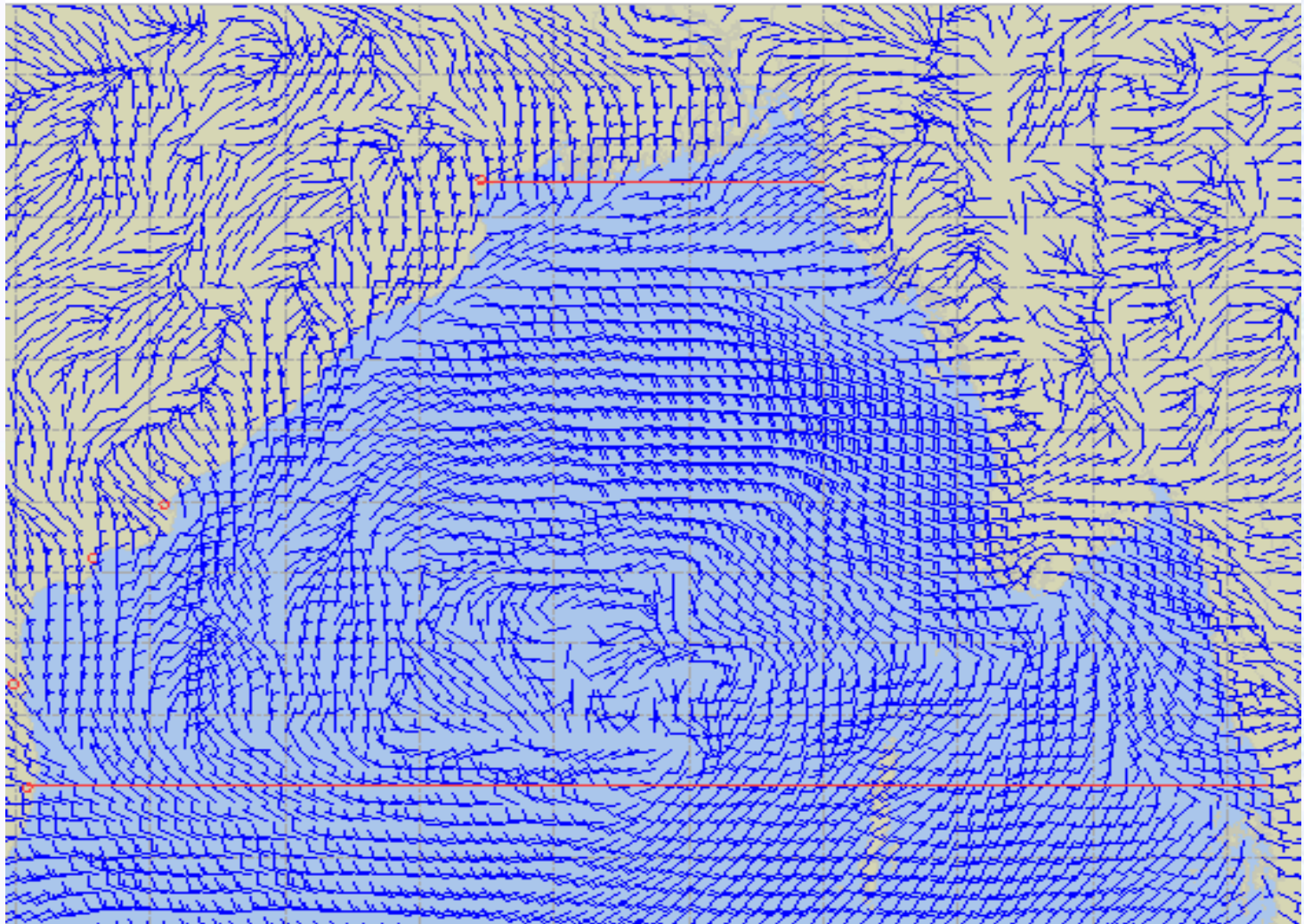
## Inland River Port Warning (VALID TILL 06 PM OF 18.10.2020)

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 FARIDPUR, MADARIPUR, 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- 19 Oct - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



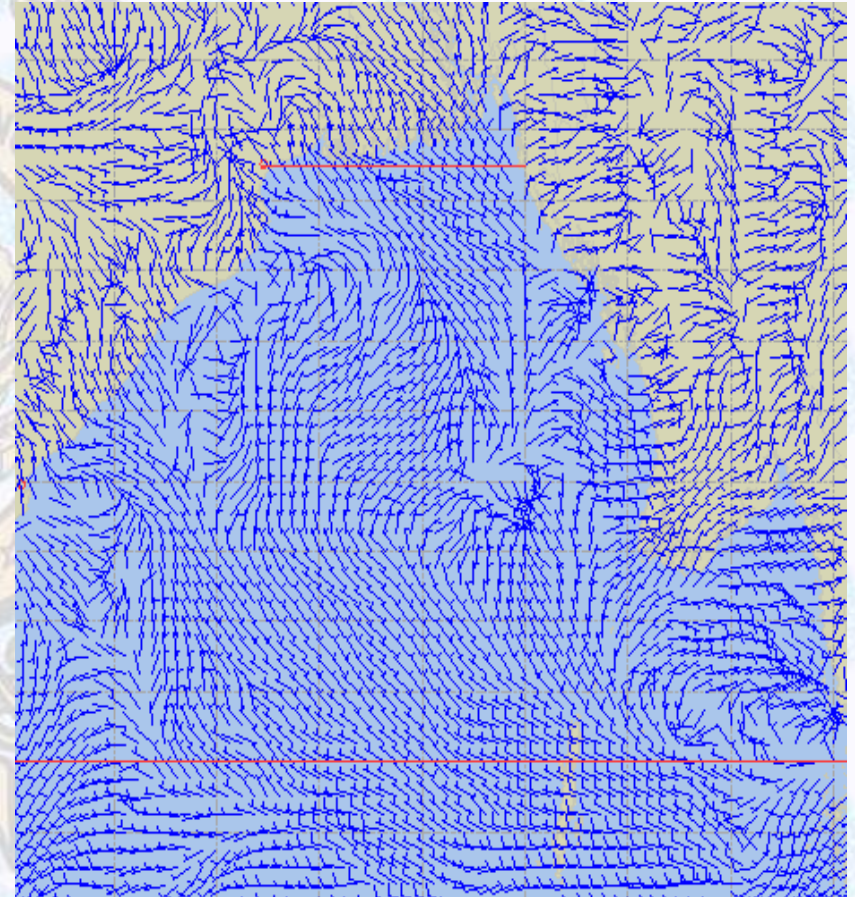
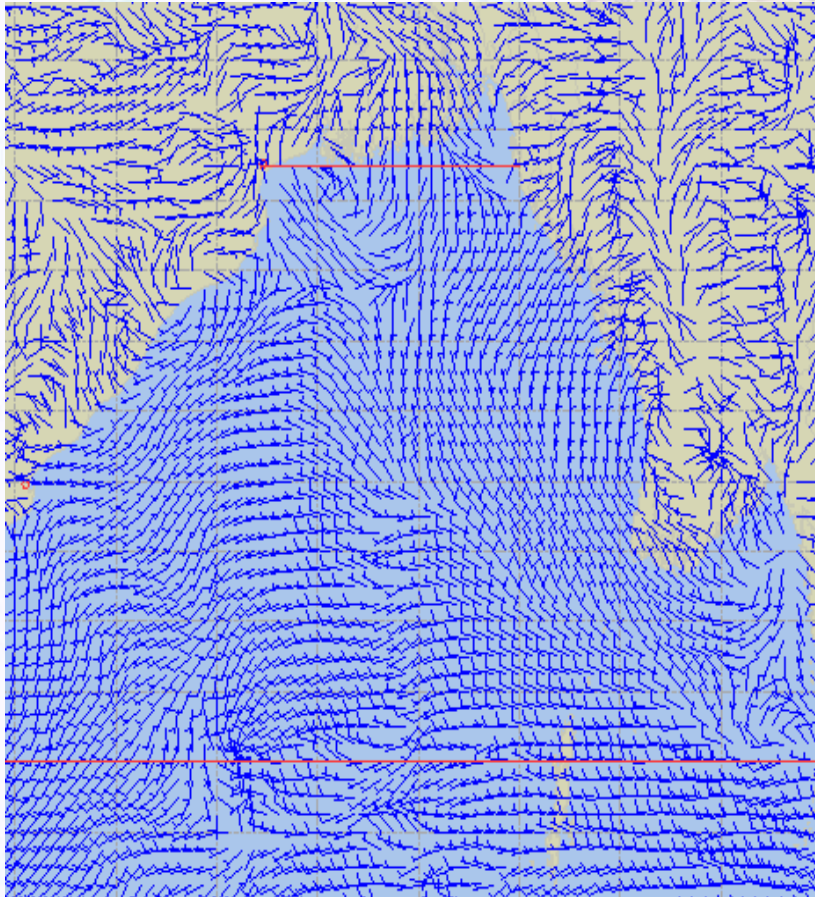
60 Knots



# Surface Wind Forecast – 20 & 21 Oct- 2020

20 Oct 20 Tuesday

21 Oct 20 Wednesday



**Legend:**



Calm  
Winds



5 Knots



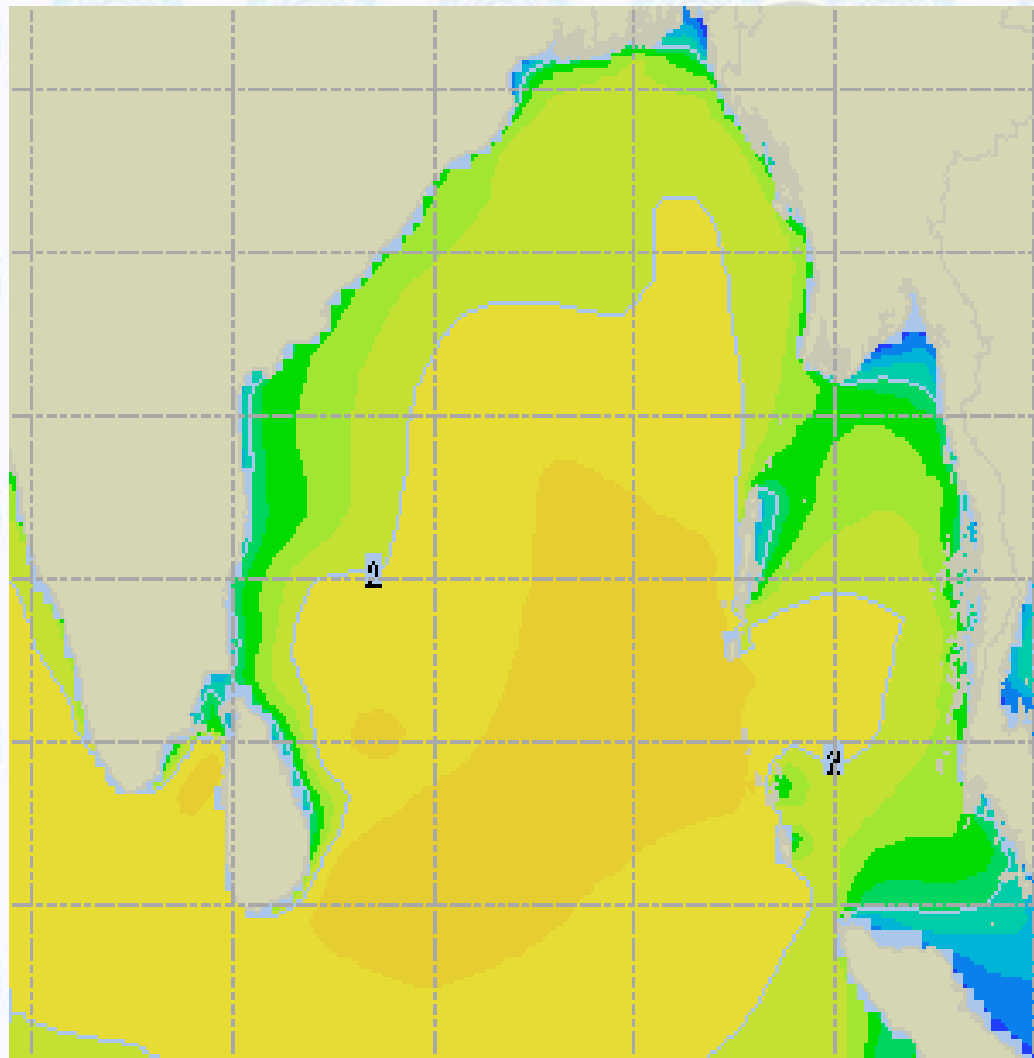
10 Knots



60 Knots



# Sea State Forecast – 19 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

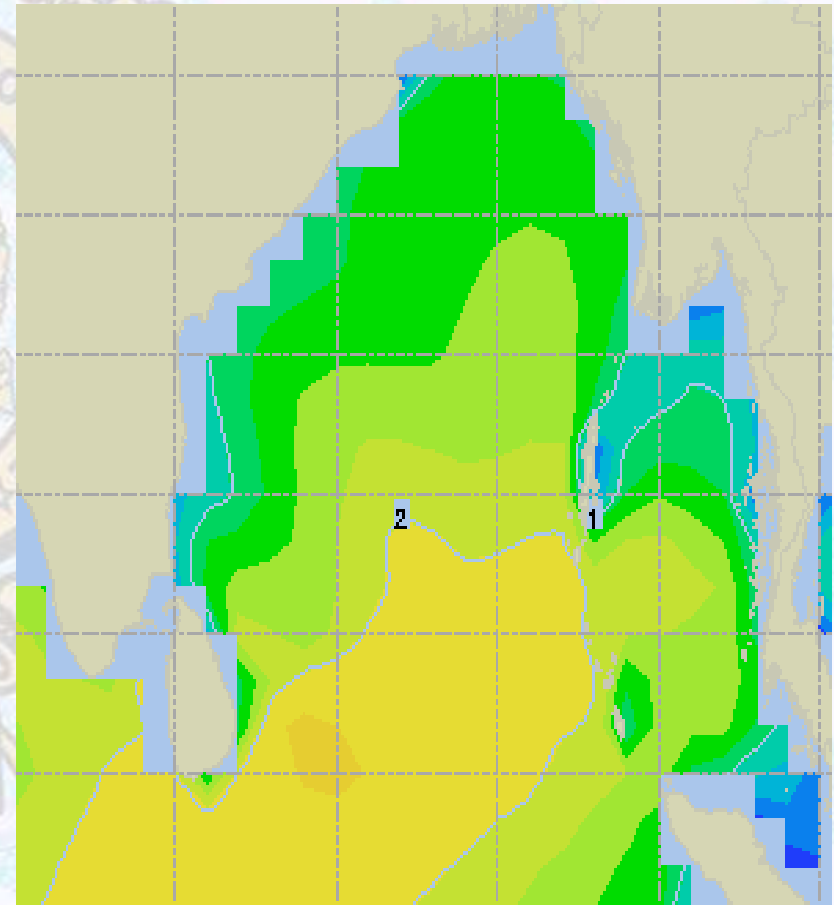
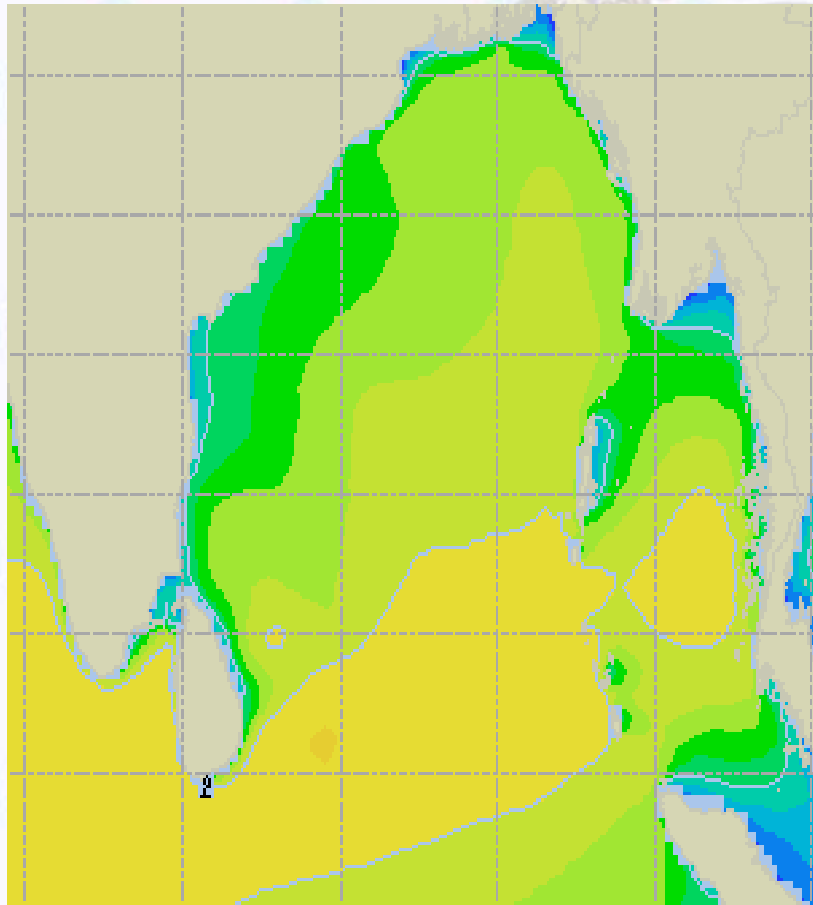




# Sea State Forecast – 20 & 21 Oct- 2020

20 Oct 20 Tuesday

21 Oct 20 Wednesday

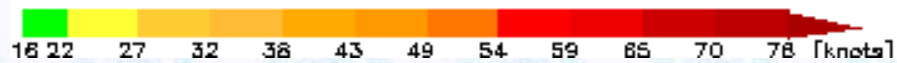
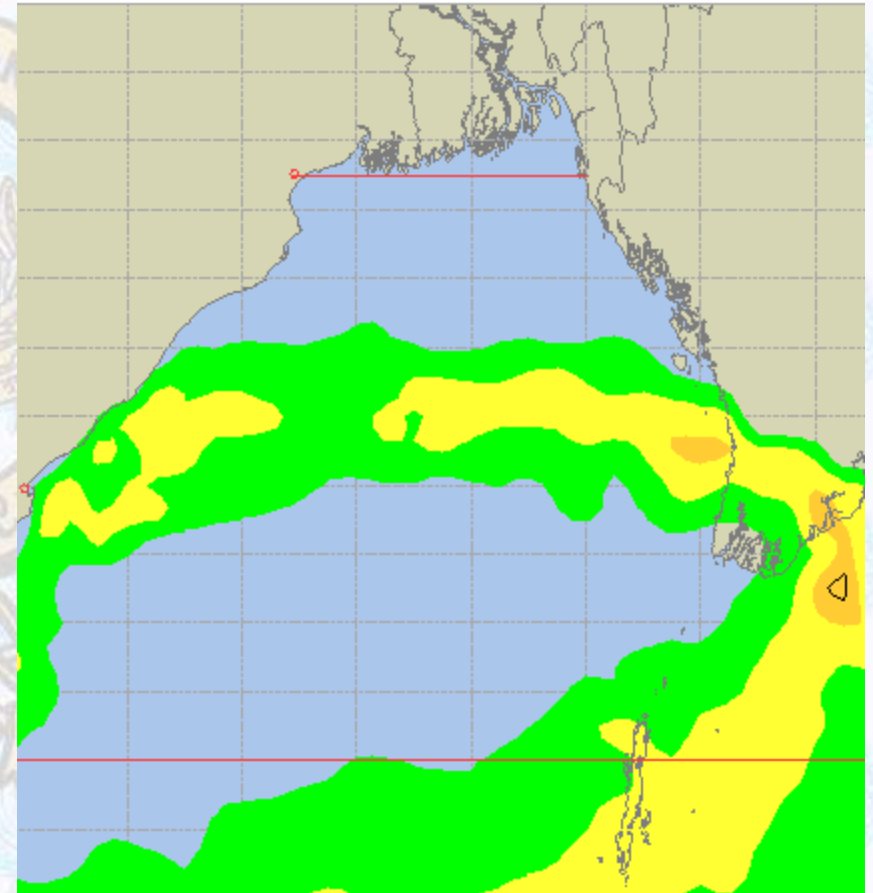
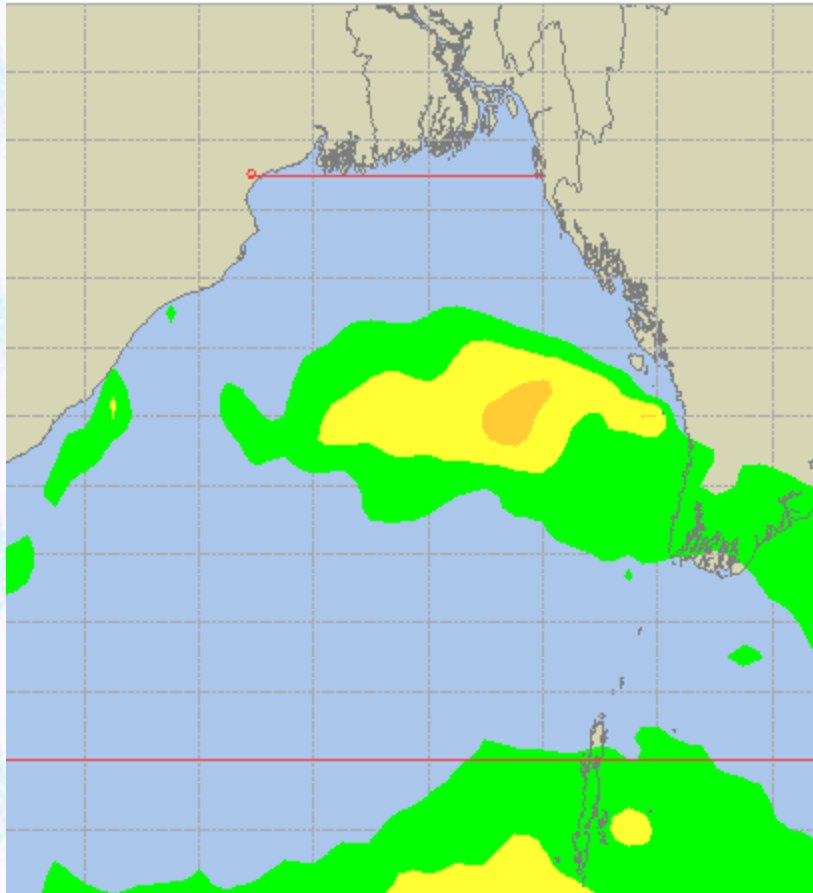




# Peak Gusting Possibilities— 19 & 20 Oct 2020

19 Oct 20 Monday

20 Oct 20 Tuesday



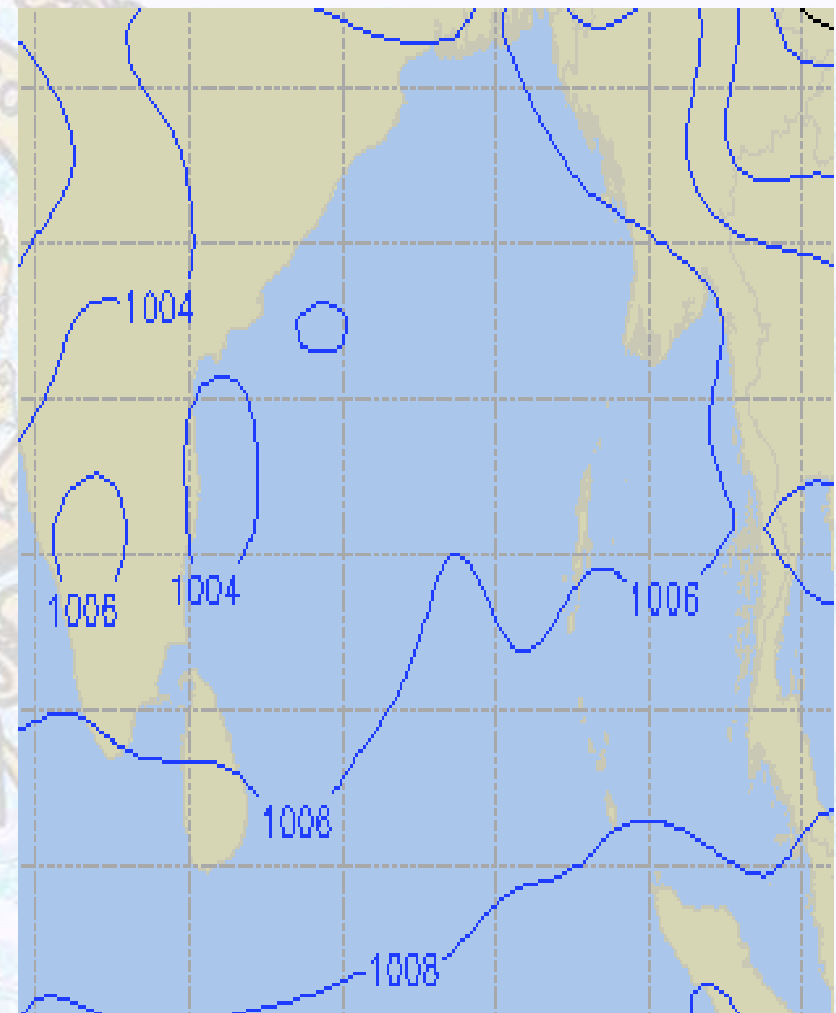
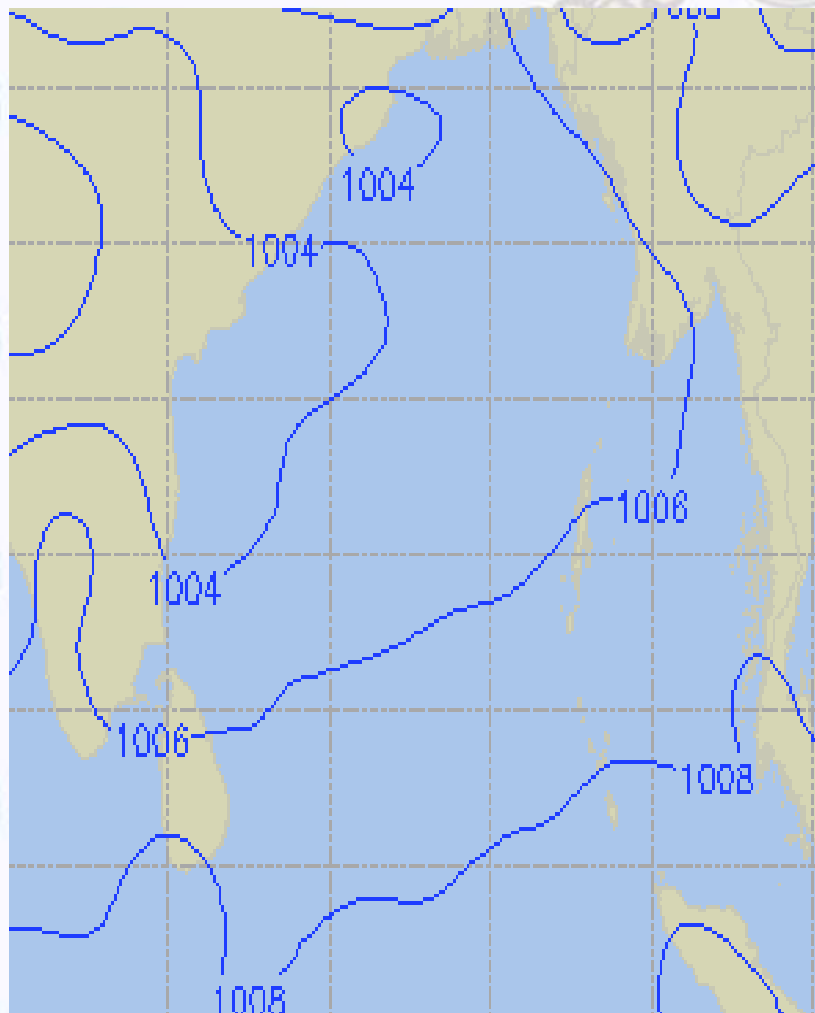




# Surface Pressure forecast– 19 & 20 Oct 2020

19 Oct 20 Monday

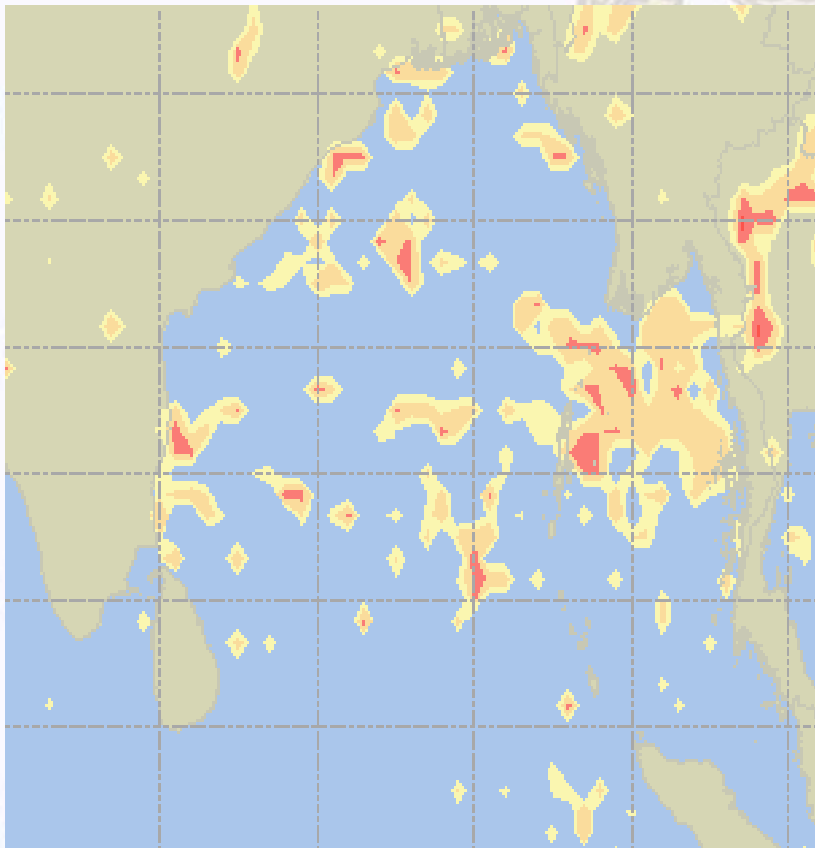
20 Oct 20 Tuesday



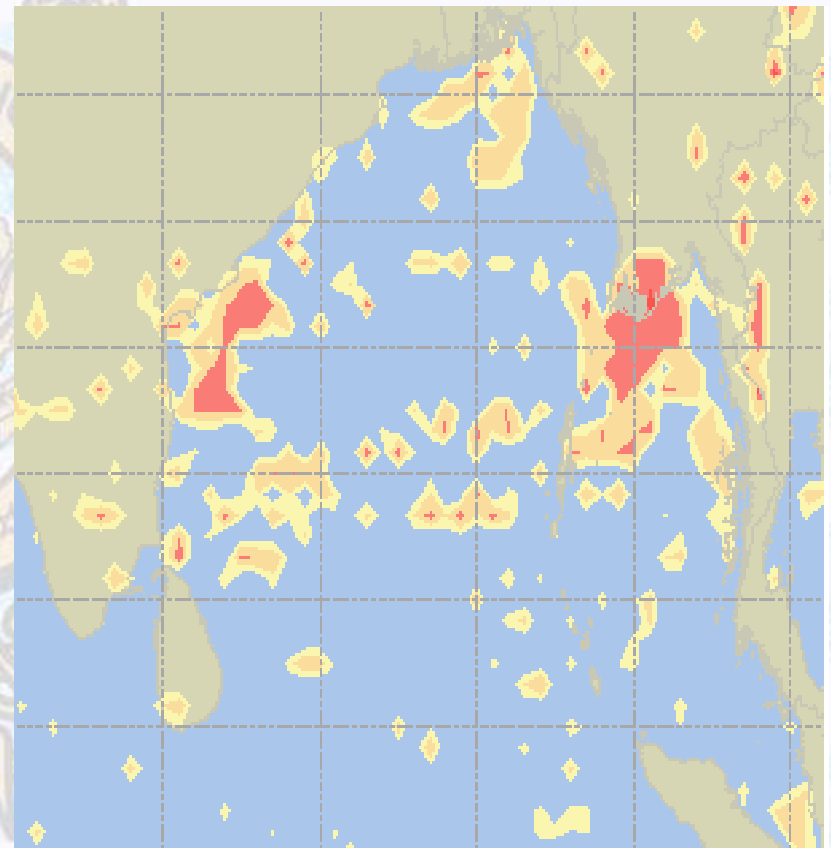


# Visibility at Sea Forecast – 19 & 20 Oct 2020

19 Oct 20 Monday



20 Oct 20 Tuesday



**Visibility Scale:**

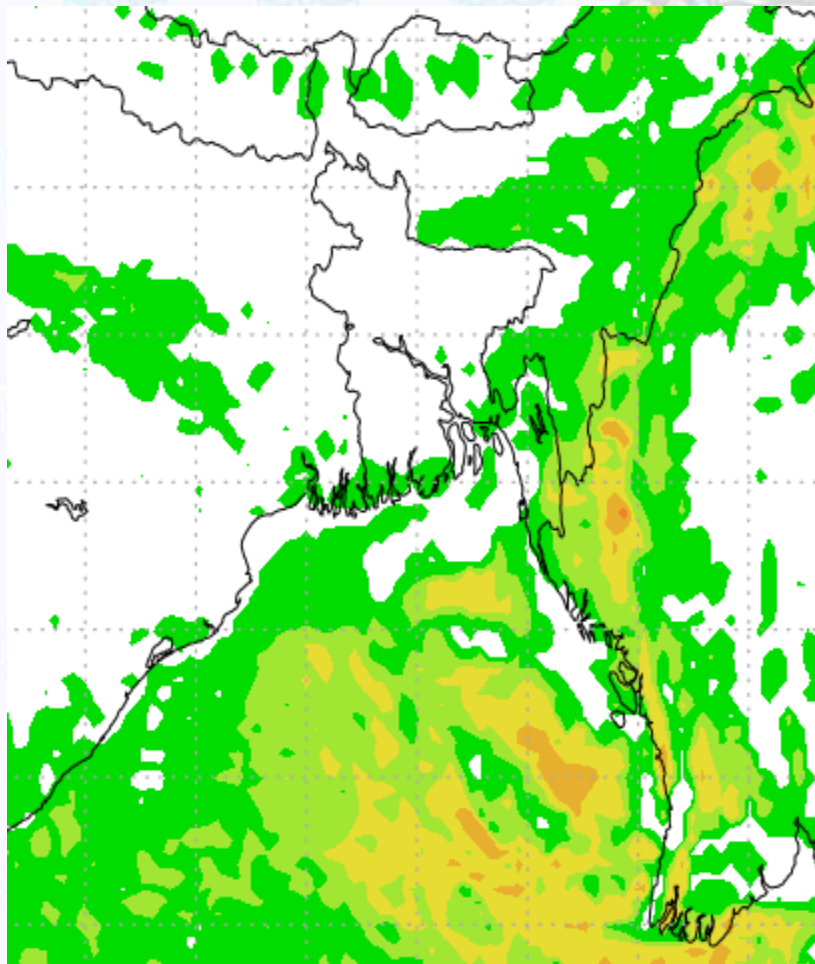


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

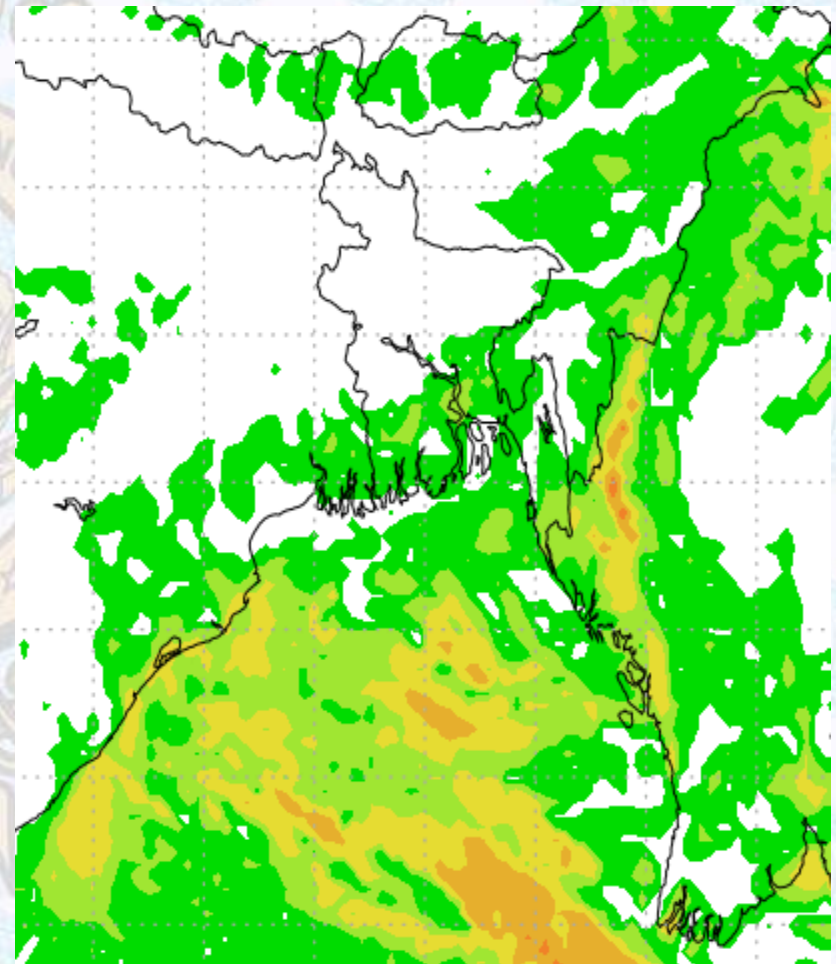


# Precipitation

Rain(mm) 19 & 20 Oct 2020



Rain(mm) 20 & 21 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>19 Oct 2020</b>	0204	5.38		0632	0.59		0607	0.63
	0845	0.31		1204	3.60		1158	3.18
	1425	5.03		1847	0.56		1817	0.56
	2057	0.34		-	-		-	-
<b>20 Oct 2020</b>	Time	Height		Time	Height		Time	Height
	0245	5.25		0028	3.76		0020	3.37
	0927	0.42		0714	0.67		0648	0.77
	1510	4.80		1248	3.38		1239	3.01
	2137	0.54		1928	0.69		1855	0.75
<b>21 Oct 2020</b>	Time	Height		Time	Height		Time	Height
	0332	5.01		0113	3.53		0102	3.20
	1012	0.62		0757	0.81		0732	0.97
	1601	4.49		1335	3.11		1322	2.80
	2221	0.83		2011	0.88		1935	0.98