



# WEATHER FORECAST FOR BN

**31 OCT- 03 NOV 2020**



# WEATHER FORECAST – DHAKA

## 31.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 24	28 / 24	27 / 23	27 / 23
Wind	12 km/h SSE	11 km/h SE	4 km/h ESE	4 km/h E
Humidity	81%	77%	80%	77%
Chance of Precip	56%	24%	36%	50%
Cloud Cover	24%	93%	95%	95%
Conditions	Cloudy/ Rain	Light Rain	Light Rain	Light Rain
Sunrise Sunset	06: 03 AM 17: 20 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 31.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 25	27 / 25	27 / 25
Wind	8 km/h SWW	5 km/h SE	4 km/h ENE	4 km/h ENE
Humidity	73%	80%	89%	91%
Chance of Precip.	30%	34%	44%	36%
Cloud Cover	73%	89%	88%	90%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Light Rain	Light Rain
Sunrise Sunset	05: 55 AM 17: 16 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 31.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	29 / 26	27 / 25	26 / 25
Wind	9 km/h SE	9 km/h SE	3 km/h ESE	3 km/h ESE
Humidity	82%	85%	90%	85%
Chance of Precip.	46%	42%	38%	46%
Cloud Cover	93%	92%	94%	90%
Conditions	Light Rain	Light Rain	Light Rain	Light Rain
Sunrise Sunset	06: 05 AM 17: 24 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	01 Nov 2020	02 Nov 2020	03 Nov 2020
<b>Temperature (C)</b>	28 °C/ 25 °C	29 °C/ 25 °C	30 °C/ 24 °C
<b>Summary</b>	Rain	Light Rain	Light Rain
<b>Sun Rise/Set</b>	6h04m36s/17h19m00s	6h05m12s/17h18m24s	6h05m12s/17h18m24s
<b>Day Length</b>	11h14m24s	11h13m12s	11h13m12s
<b>Moon Rise/ Set</b>	5:57PM 6:25AM	6:33PM 7:18AM	7:12PM 8:02AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 97%	Waning Gibbous, 93%
<b>Nautical Twilight</b>	05:13, 18:10	05:14, 18:09	05:14, 18:09
<b>Civil Twilight</b>	05:41, 17:42	05:42, 17:41	05:42, 17:41
<b>Humidity</b>	D : 82%    N : 86%	D : 79%    N : 86%	D : 75%    N : 83%
<b>Barometer (mb)</b>	1010	1011	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	70%	50%	50%
<b>Wind (mph)</b>	10 Km/h E	10 Km/h E	7 Km/h N

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	01 Nov 2020	02 Nov 2020	03 Nov 2020
<b>Temperature (C)</b>	27 °C/ 25 °C	28 °C/ 25 °C	29 °C/ 25 °C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h57m00s/17h15m12s	5h57m36s/17h14m42s	5h57m36s/17h14m42s
<b>Day Length</b>	11h18m12s	11h17m06s	11h17m06s
<b>Moon Rise/ Set</b>	5:53PM 6:18AM	6:30PM 7:09AM	7:12PM 8:02AM
<b>Moon Phase/ illu</b>	Full Moon, 99%	Waning Gibbous, 97%	Waning Gibbous, 93%
<b>NauticalTwilight</b>	05:07 18:06	05:08 18:05	05:08 18:05
<b>Civil Twilight</b>	05:32, 17:41	05:33, 17:40	05:33, 17:40
<b>Humidity</b>	D : 91% N : 93%	D : 88% N : 91%	D : 85% N : 92%
<b>Barometer (mb)</b>	1010	1011	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	100%	90%	90%
<b>Wind (mph)</b>	11 Km/h E	12 Km/h SSE	10 Km/h S

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



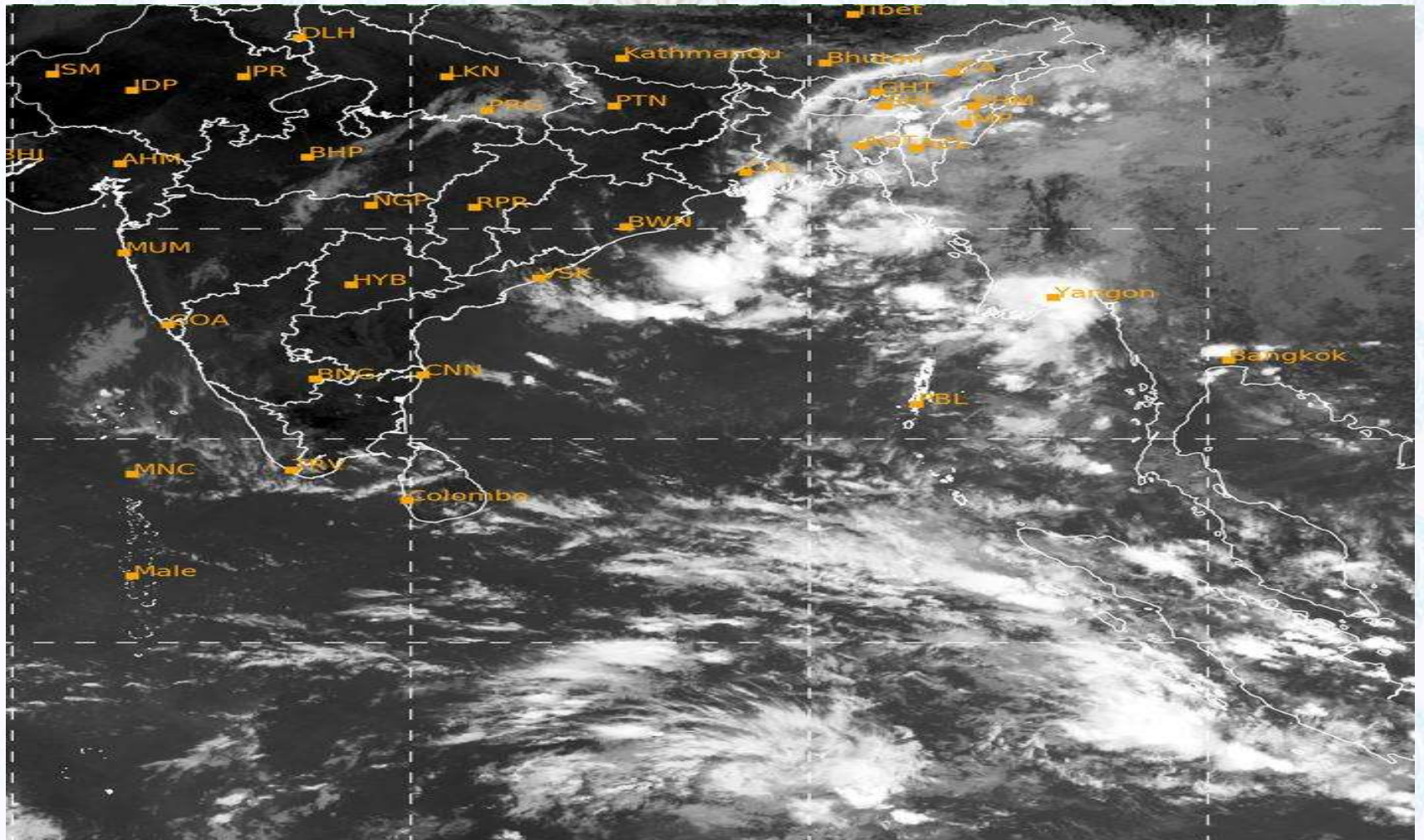
# GENERAL WEATHER FORECAST – KHULNA

Description	01 Nov 2020	02 Nov 2020	03 Nov 2020
<b>Temperature(C)</b>	28°C/ 24°C	30°C/ 25°C	30°C/ 24°C
<b>Summary</b>	Rain	Light Rain	Light Rain
<b>Sun Rise/Set</b>	6h06m48s/17h23m42s	6h07m18s/17h23m06s	6h07m18s/17h23m06s
<b>Day Length</b>	11h16m54s	11h15m48s	11h15m48s
<b>Moon Rise/Set</b>	6:01PM 6:28AM	6:39PM 7:20AM	7:12PM 8:02AM
<b>Moon Phase/illu</b>	Full Moon, 99%	Waning Gibbous, 97%	Waning Gibbous, 93%
<b>Nautical Twilight</b>	05:15, 18:13	05:16, 18:12	05:16, 18:12
<b>Civil Twilight</b>	05:43, 17:48	05:44, 17:47	05:44, 17:47
<b>Humidity</b>	D : 92%    N : 96%	D : 87%    N : 95%	D : 85%    N : 93%
<b>Barometer (mb)</b>	1010	1010	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	60%	70%
<b>Wind (mph)</b>	12 km/h ENE	10 km/h NNE	7 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



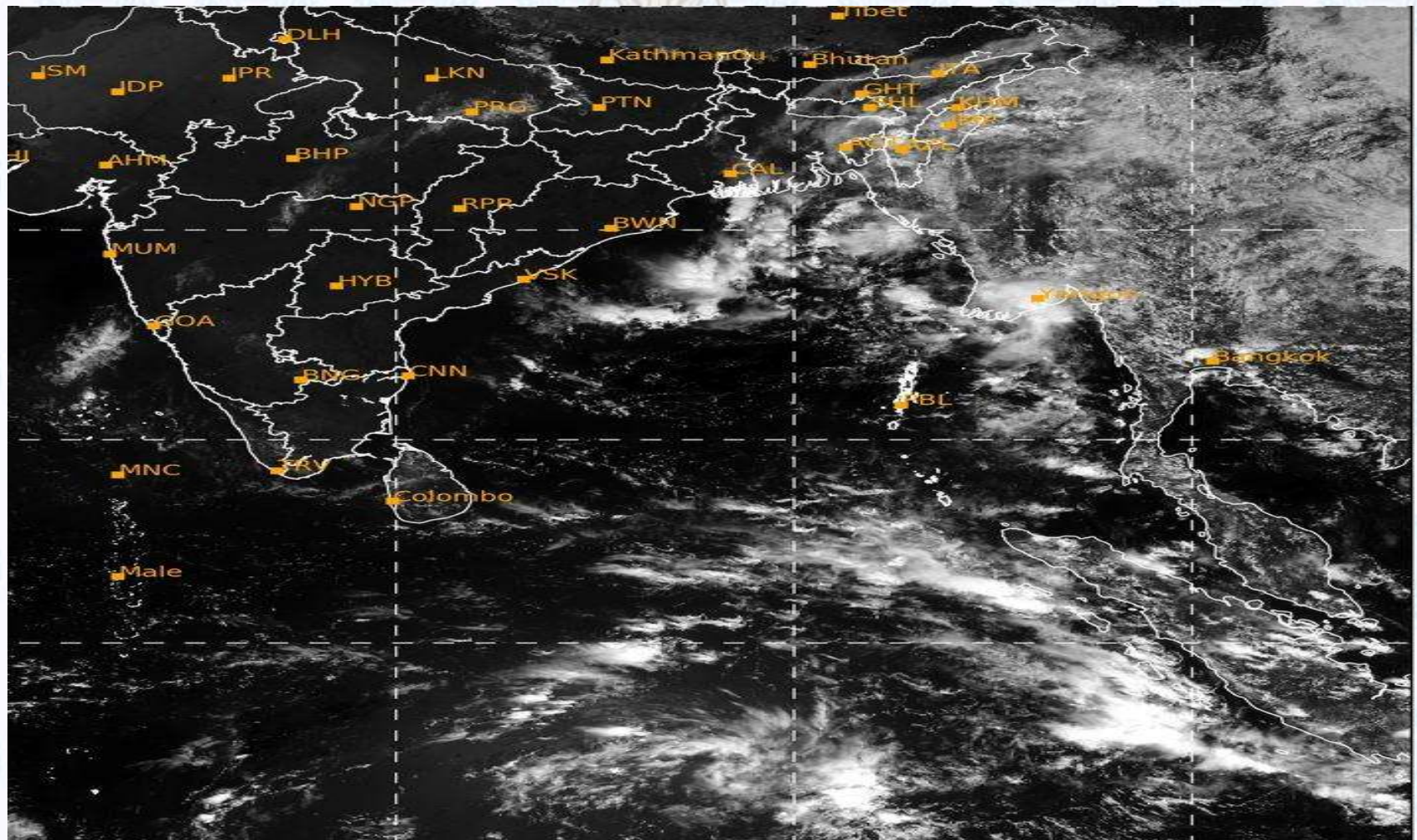
31/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



31/10/2020, 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 31.10.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY. A LOW PRESSURE IS LIKELY TO FORM OVER EAST CENTRAL BAY AND ADJOINING AREA DURING NEXT 24 HRS.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-EAST/SOUTHERLY 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 = 30,0000 UTC. CHATTOGRAM =1010 HPA	



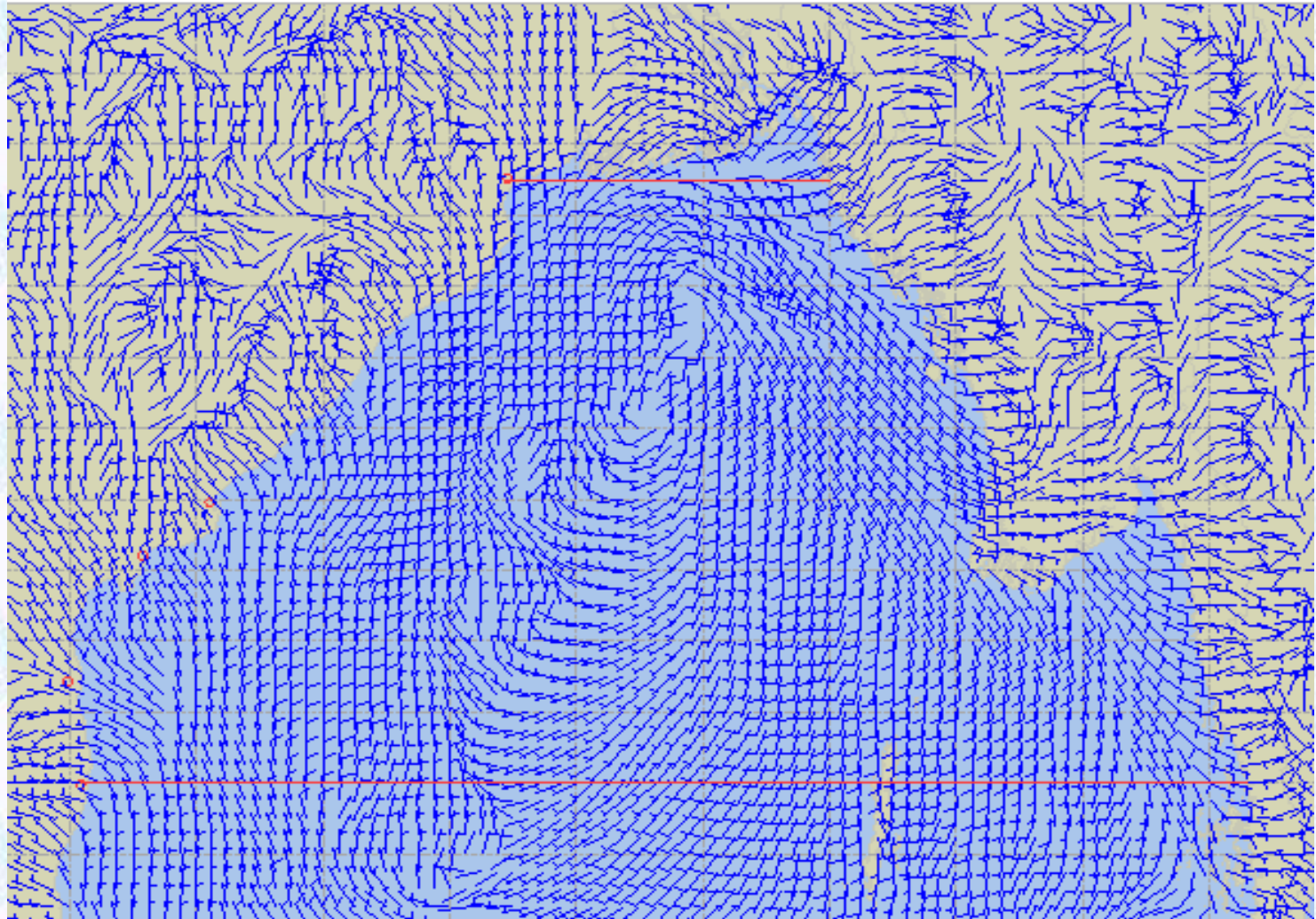
## **Inland River Port Warning** **(VALID TILL 06 PM OF 31.10.2020)**

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

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



# Surface Wind Forecast- 01 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



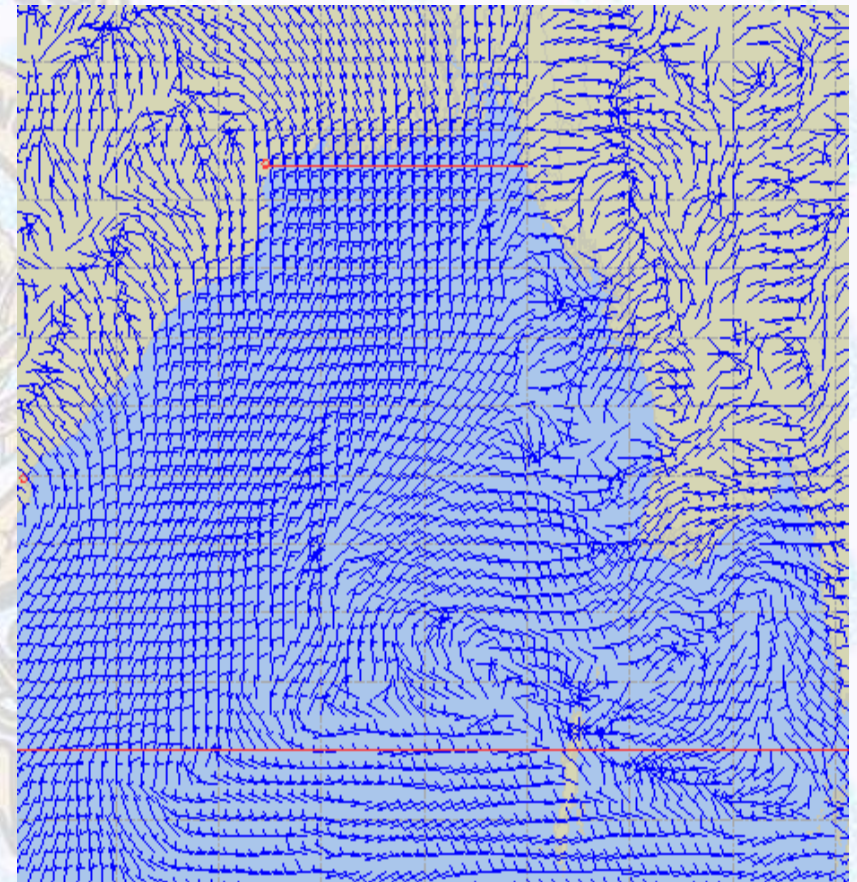
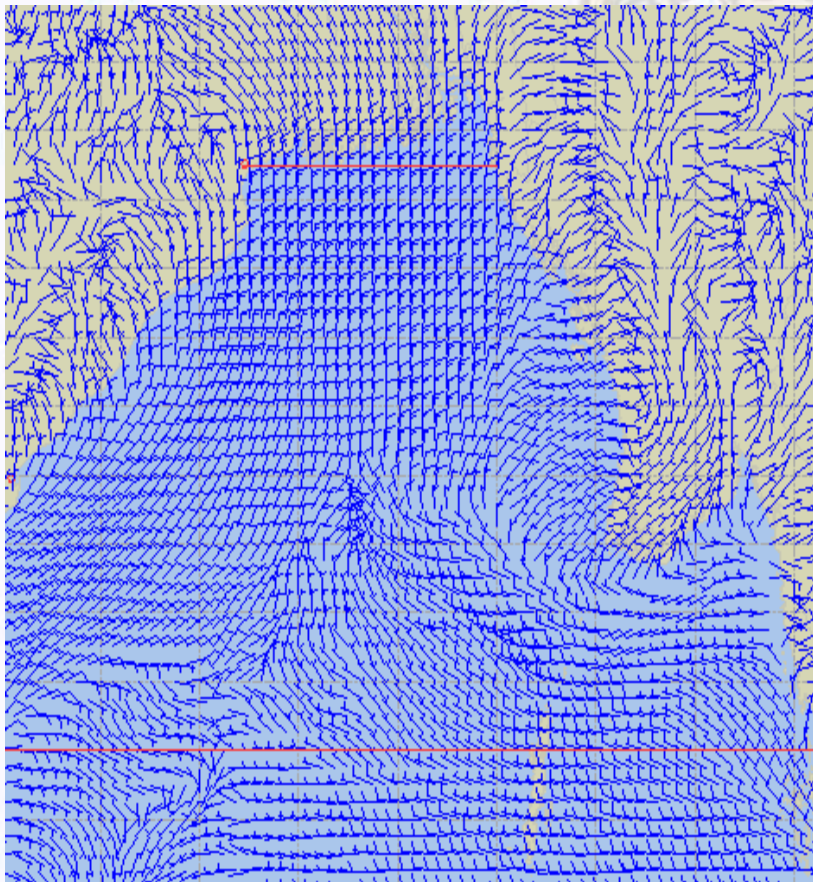
**60 Knots**



# Surface Wind Forecast – 02 & 03 Nov- 2020

02 Nov 20 Monday

03 Nov 20 Tuesday



**Legend:**



Calm  
Winds



5 Knots



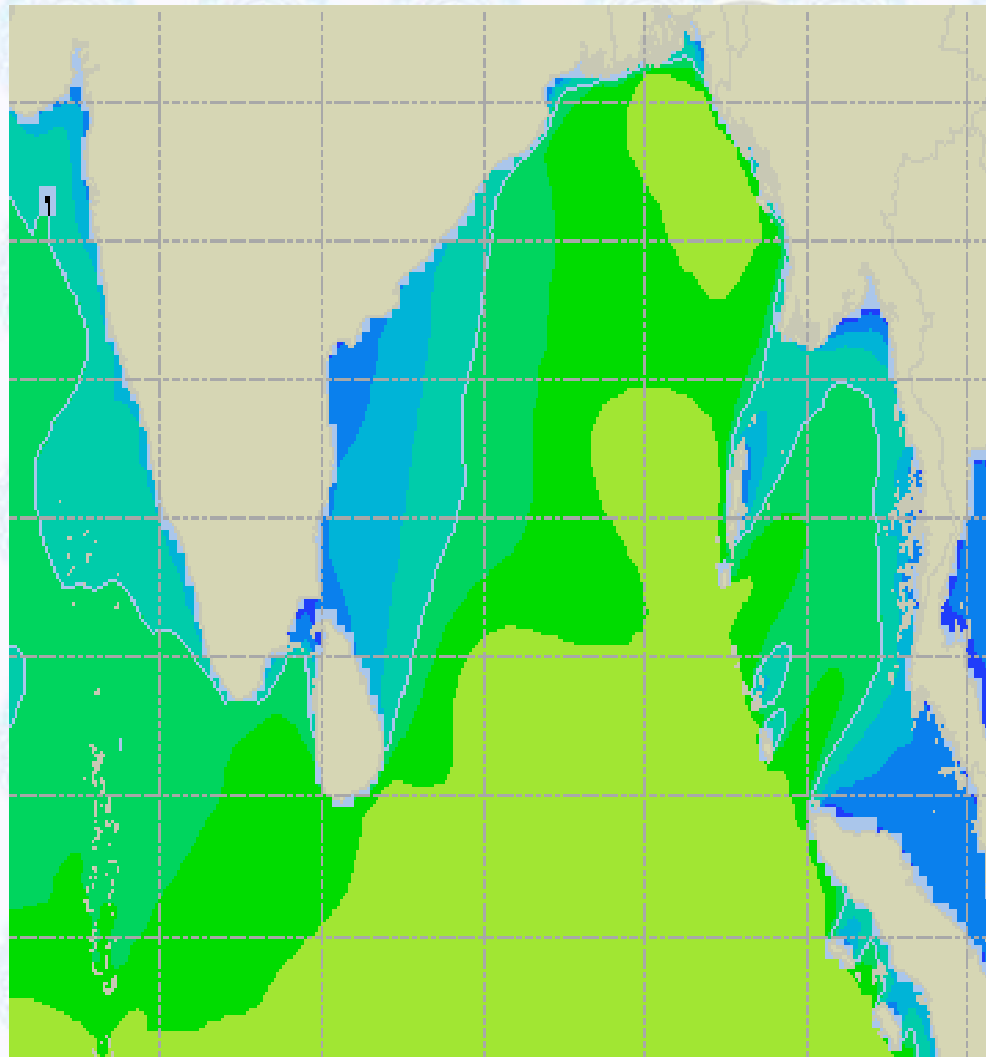
10 Knots



60 Knots



# Sea State Forecast – 31 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

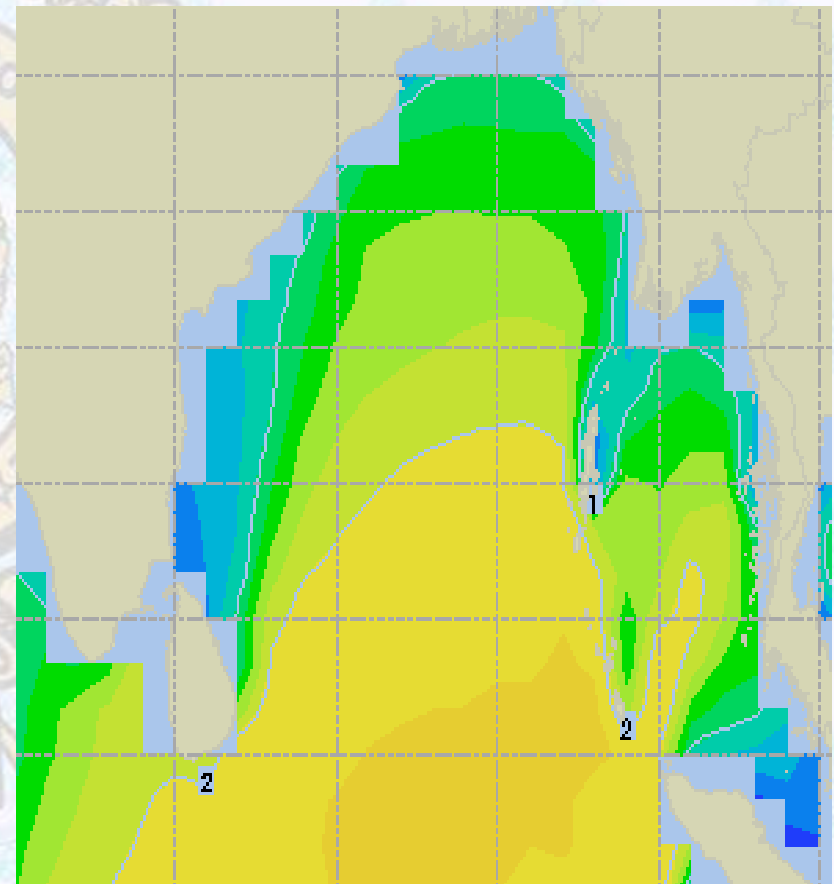
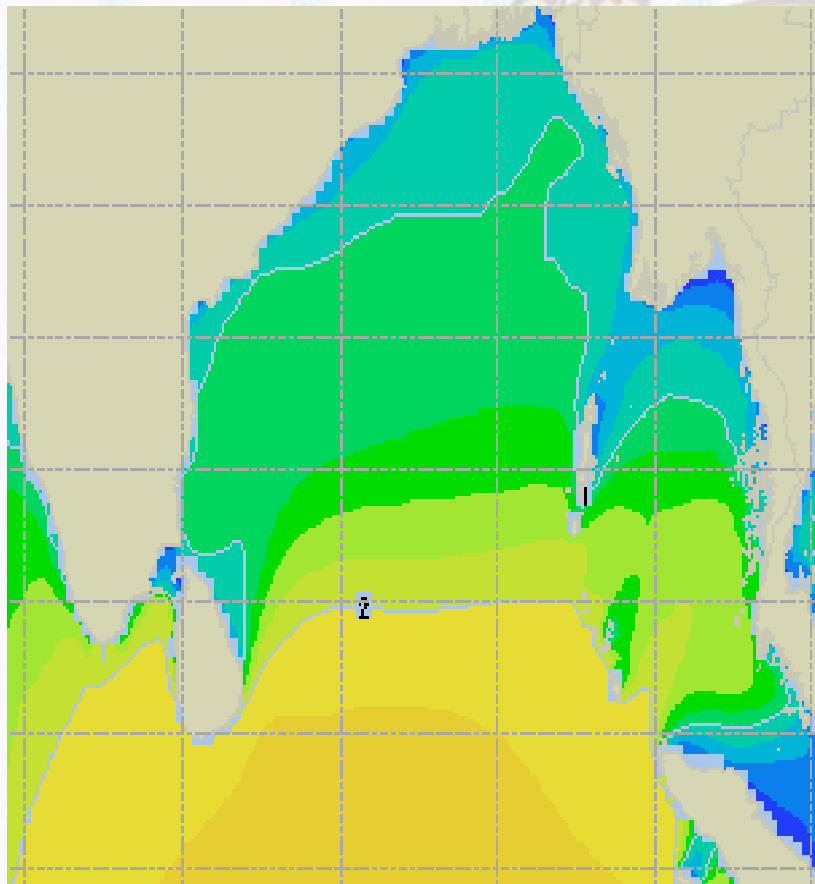




# Sea State Forecast – 02 & 03 Nov- 2020

02 Nov 20 Monday

03 Nov 20 Tuesday

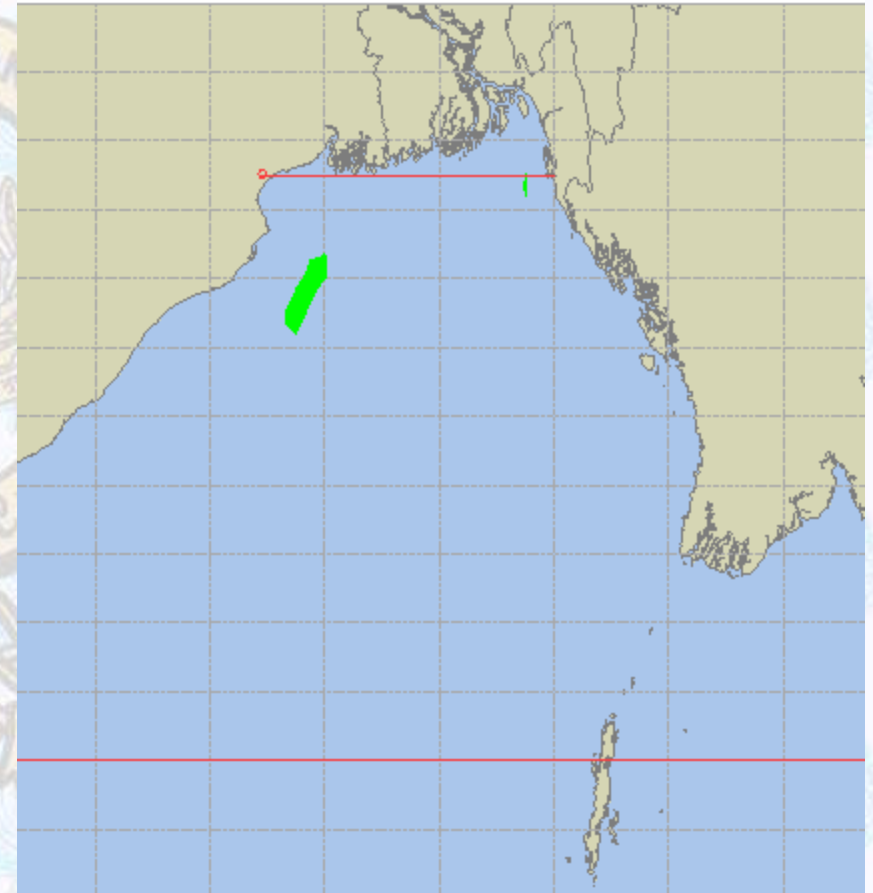
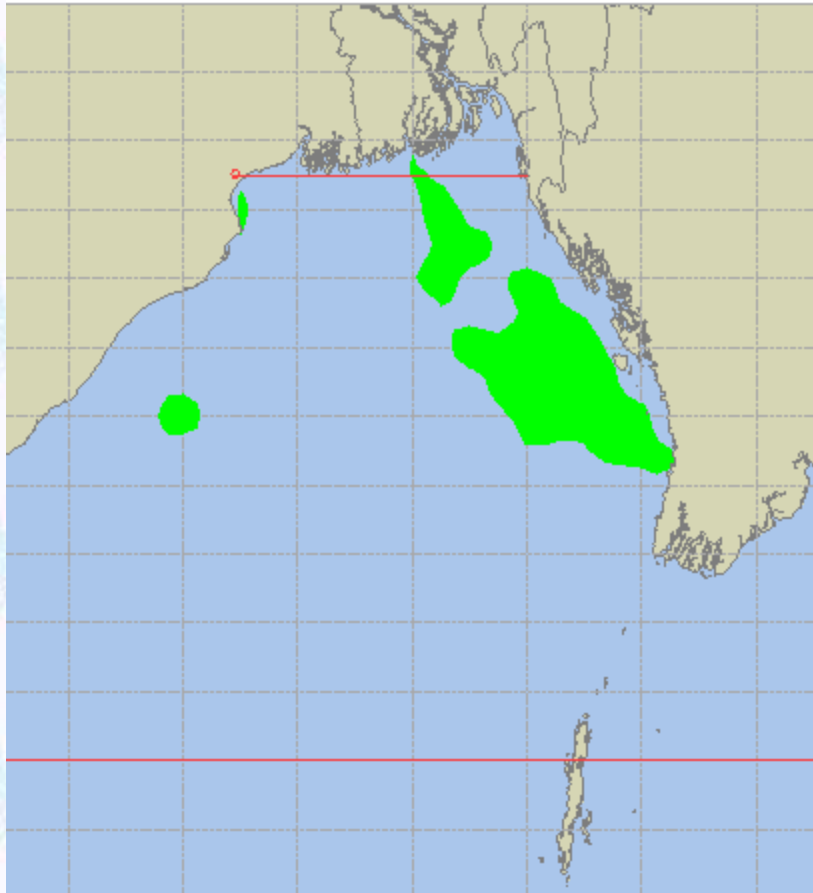




# Peak Gusting Possibilities— 01 & 02 Nov 2020

01 Nov 20 Sunday

02 Nov 20 Monday

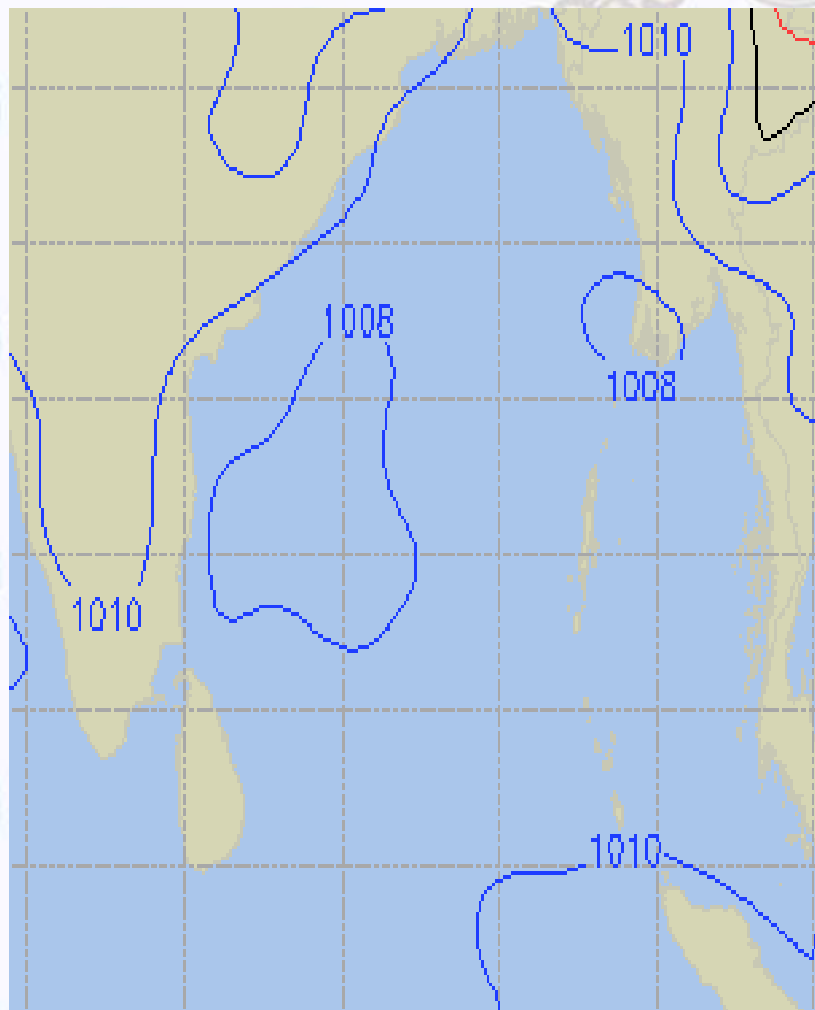




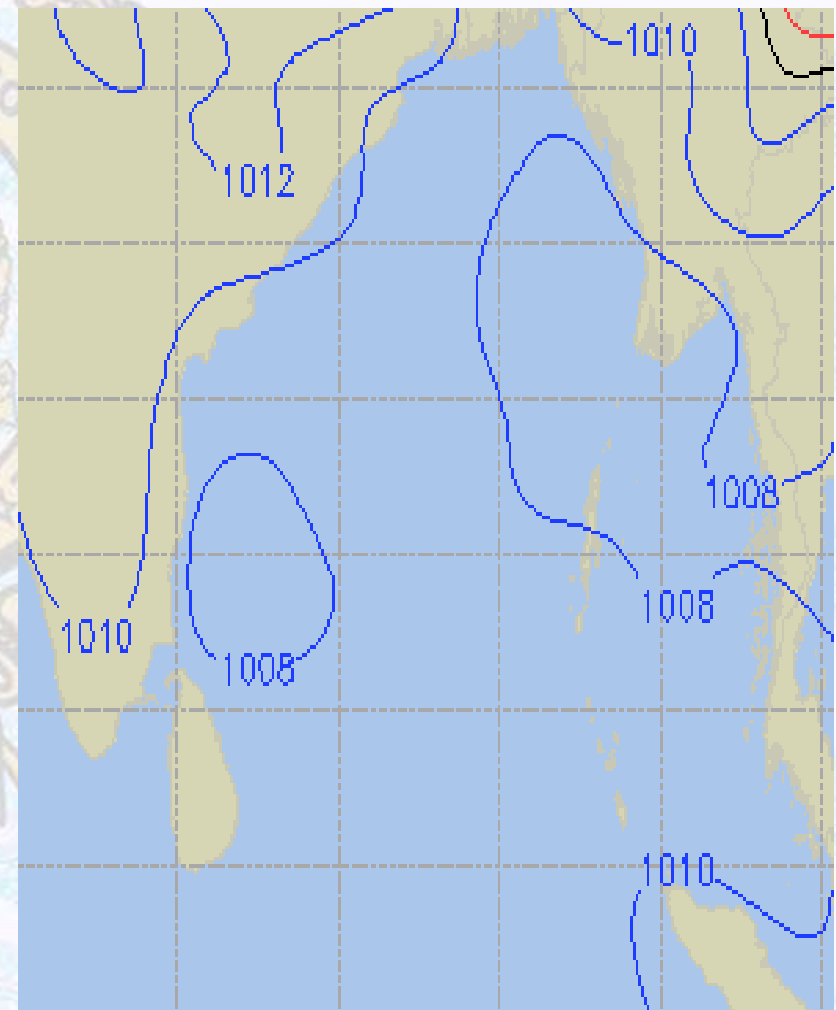


# Surface Pressure forecast– 01 & 02 Nov 2020

01 Nov 20 Sunday



02 Nov 20 Monday

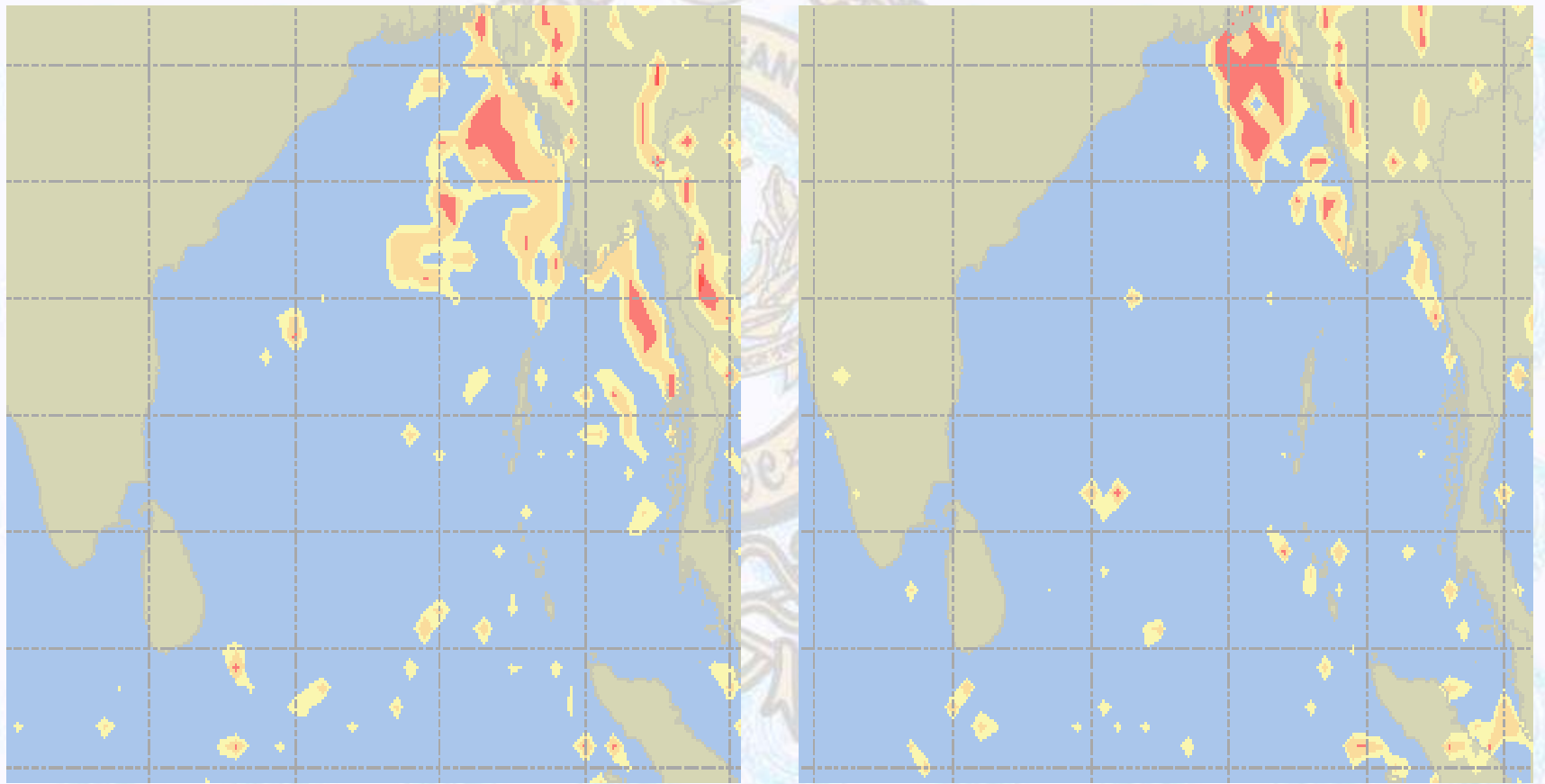




# Visibility at Sea Forecast – 01 & 02 Nov 2020

01 Nov 20 Sunday

02 Nov 20 Monday



**Visibility Scale:**

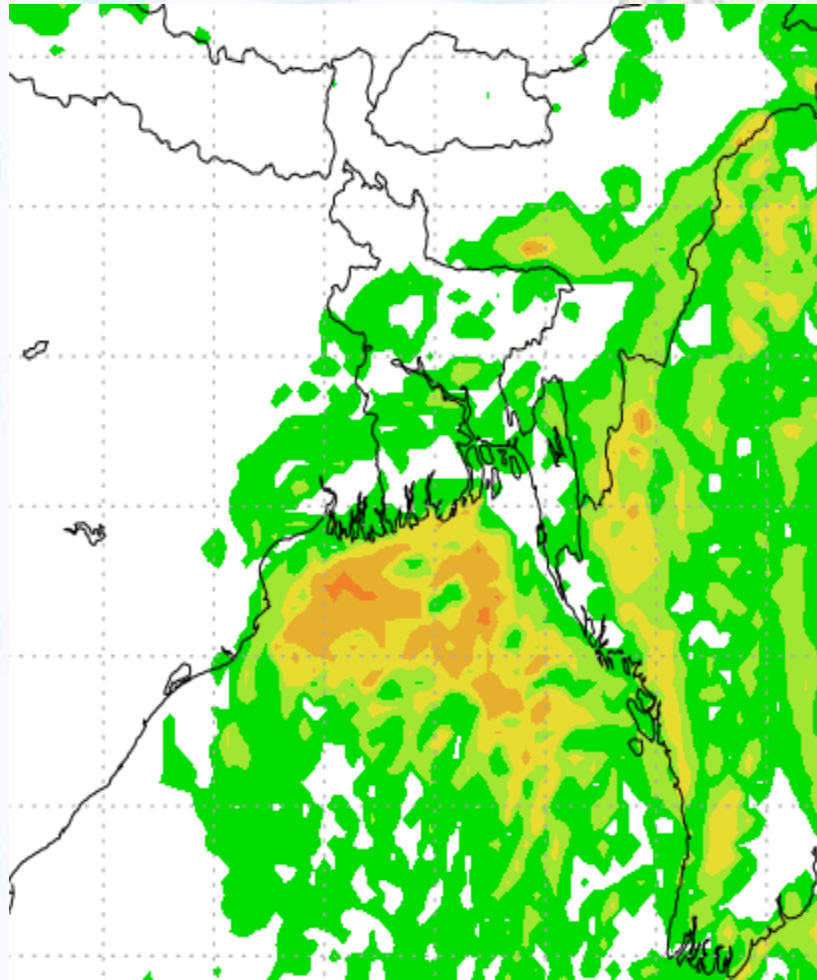


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

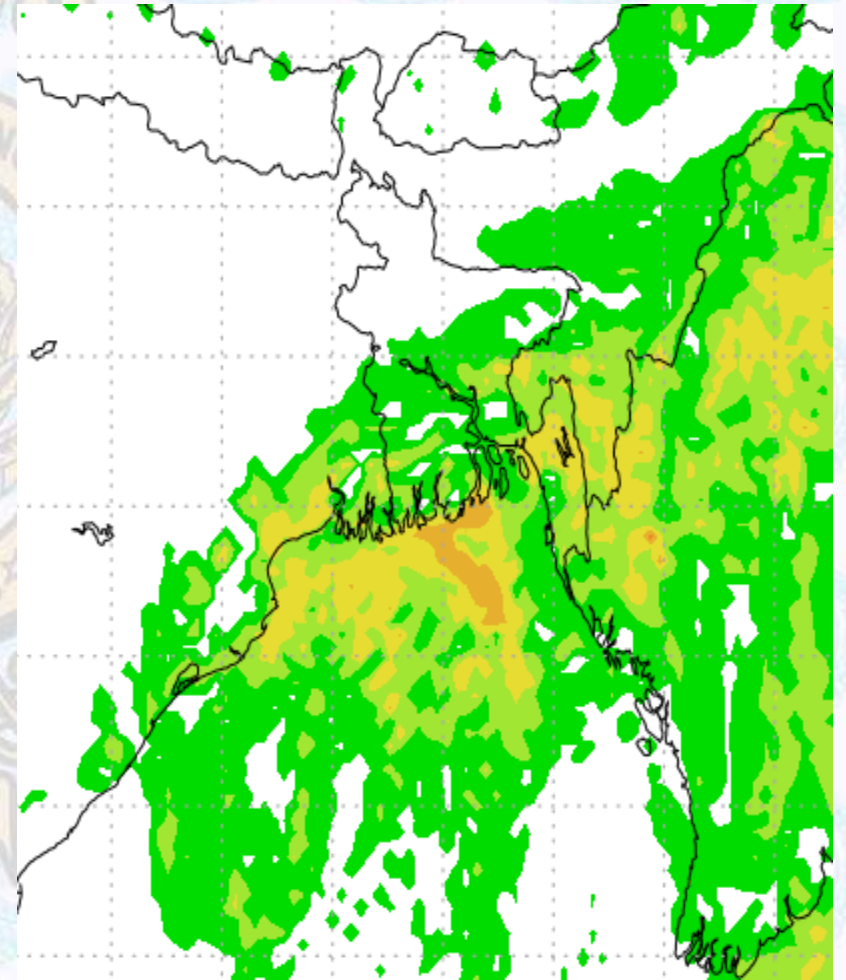


# Precipitation

Rain(mm) 01 & 02 Nov2020



Rain(mm) 02 & 03 Nov2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>01 Nov 2020</b>	0109	4.91		0529	0.75		0502	0.83
	0738	0.50		1102	3.23		1053	2.89
	1320	4.62		1736	0.69		1702	0.72
	1942	0.49		2317	3.50		2308	3.15
<b>02 Nov 2020</b>	0132	4.91		0558	0.73		0530	0.84
	0805	0.51		1132	3.18		1120	2.86
	1346	4.49		1805	0.70		1729	0.73
	2008	0.49		2351	3.44		2335	3.11
<b>03 Nov 2020</b>	0156	4.86		0628	0.75		0559	0.89
	0832	0.55		1202	3.09		1149	2.80
	1414	4.50		1834	0.74		1757	0.78
	2034	0.52		-	-		-	-