



# WEATHER FORECAST FOR BN

*01-04 NOV 2020*



# WEATHER FORECAST – DHAKA

## 01.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 23	28 / 23	27 / 23	26 / 23
Wind	11 km/h ESE	11 km/h ESE	5 km/h ESE	4 km/h E
Humidity	81%	77%	80%	82%
Chance of Precip	16%	34%	26%	30%
Cloud Cover	84%	88%	85%	90%
Conditions	Cloudy	Light Rain	Light Rain	Light Rain
Sunrise Sunset	06: 04 AM 17: 19 PM			

### Conditions

Pressure : 1010 hpa

Visibility : 4.54 km

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





# WEATHER FORECAST – CHATTOGRAM

## 01.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 25	27 / 25	26 / 25	26 / 25
Wind	9 km/h E	8 km/h E	8 km/h SE	7 km/h SE
Humidity	94%	90%	93%	91%
Chance of Precip.	97%	90%	60%	56%
Cloud Cover	96%	96%	96%	96%
Conditions	Rain	Rain	Rain	Rain
Sunrise	05: 50 AM			
Sunset	17: 15 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 4.83 Km

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



# WEATHER FORECAST – KHULNA

## 01.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 25	26 / 25	26 / 25
Wind	9 km/h E	9 km/h E	4 km/h ENE	3 km/h ENE
Humidity	82%	85%	90%	95%
Chance of Precip.	26%	42%	28%	26%
Cloud Cover	73%	74%	64%	73%
Conditions	Cloudy	Light Rain	Cloudy	Cloudy
Sunrise Sunset	06: 06 AM 17: 23 PM			

### Conditions

Pressure : 1011 hpa

Visibility : 12.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	02 Nov 2020	03 Nov 2020	04 Nov 2020
<b>Temperature (C)</b>	30 °C/ 25 °C	31 °C/ 24 °C	30 °C/ 20 °C
<b>Summary</b>	Partly Cloudy/ Light Rain	Partly Cloudy/ Light Rain	Sunny
<b>Sun Rise/Set</b>	6h05m12s/17h18m24s	6h05m12s/17h18m24s	6h06m24s/17h17m12s
<b>Day Length</b>	11h13m12s	11h12m00s	11h10m48s
<b>Moon Rise/ Set</b>	6:33PM 7:18AM	7:12PM 8:02AM	8:00PM 9:05AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 93%	Waning Gibbous, 87%
<b>Nautical Twilight</b>	05:14, 18:09	05:14, 18:09	05:14, 18:09
<b>Civil Twilight</b>	05:42, 17:41	05:42, 17:41	05:42, 17:41
<b>Humidity</b>	D : 76% N : 84%	D : 73% N : 82%	D : 60% N : 75%
<b>Barometer (mb)</b>	1010	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	40%	40%	10%
<b>Wind (mph)</b>	9 Km/h ENE	7 Km/h NNW	7 Km/h WNW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	02 Nov 2020	03 Nov 2020	04 Nov 2020
<b>Temperature (C)</b>	28 °C/ 25 °C	29 °C/ 24 °C	28 °C/ 23 °C
<b>Summary</b>	Rain	Light Rain	Rain
<b>Sun Rise/Set</b>	5h57m36s/17h14m42s	5h57m36s/17h14m42s	5h58m42s/17h13m36s
<b>Day Length</b>	11h17m06s	11h16m00s	11h14m54s
<b>Moon Rise/ Set</b>	6:30PM 7:09AM	7:12PM 8:02AM	8:00PM 9:05AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 93%	Waning Gibbous, 87%
<b>NauticalTwilight</b>	05:08 18:05	05:08 18:05	05:08 18:05
<b>Civil Twilight</b>	05:33, 17:40	05:33, 17:40	05:33, 17:40
<b>Humidity</b>	D : 89% N : 92%	D : 86% N : 91%	D : 86% N : 91%
<b>Barometer (mb)</b>	1010	1010	1011
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	90%	70%	90%
<b>Wind (mph)</b>	10 Km/h SSE	9 Km/h S	5 Km/h SW

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





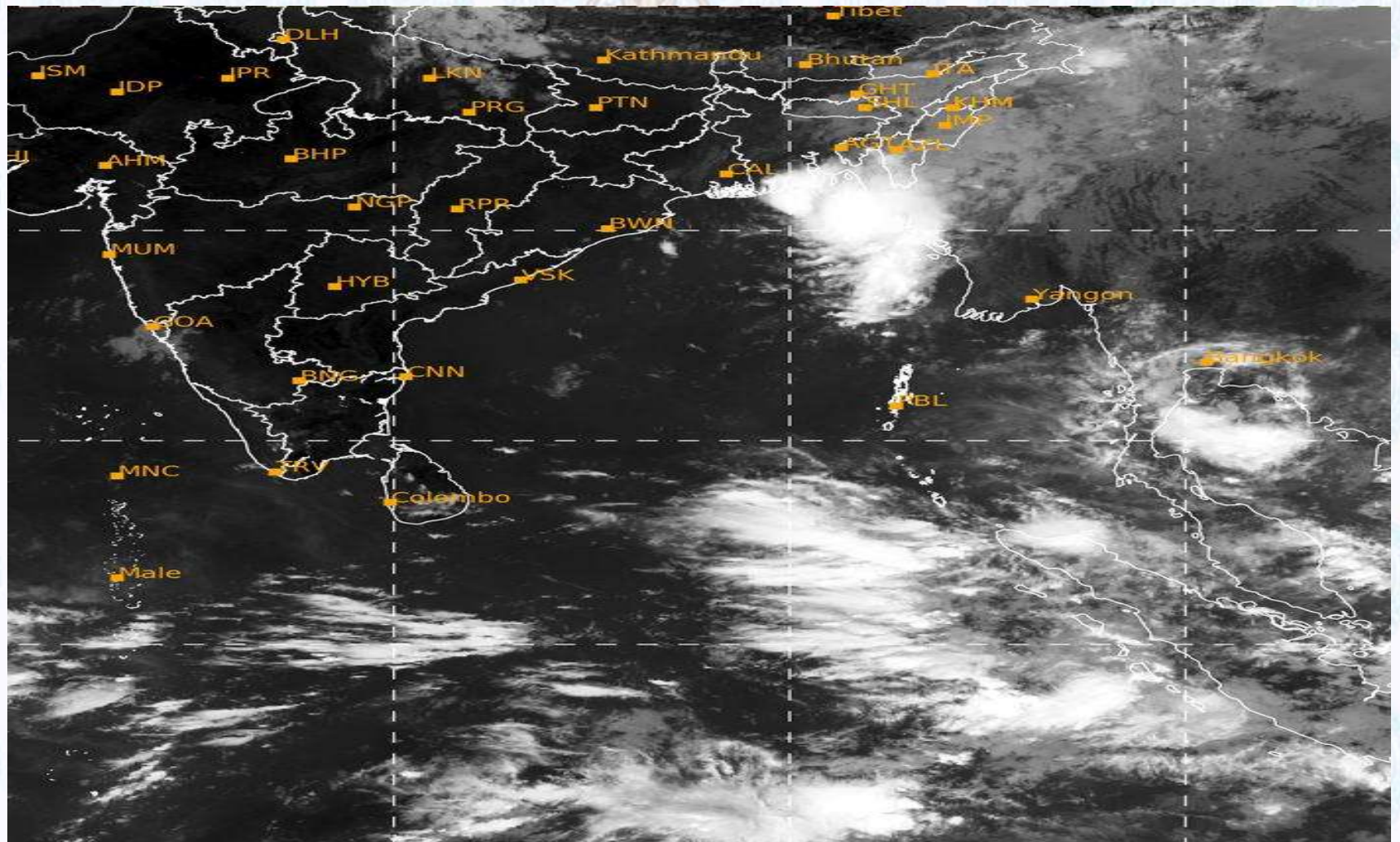
# GENERAL WEATHER FORECAST – KHULNA

Description	02 Nov 2020	03 Nov 2020	04 Nov 2020
<b>Temperature(C)</b>	31°C/ 25°C	31°C/ 23°C	30°C/ 21°C
<b>Summary</b>	Light Rain	Light Rain	Sunny
<b>Sun Rise/Set</b>	6h07m18s/17h23m06s	6h07m18s/17h23m06s	6h08m30s/17h22m00s
<b>Day Length</b>	11h15m48s	11h14m42s	11h13m30s
<b>Moon Rise/Set</b>	6:39PM 7:20AM	7:12PM 8:02AM	8:00PM 9:05AM
<b>Moon Phase/illu</b>	Waning Gibbous, 97%	Waning Gibbous, 93%	Waning Gibbous, 87%
<b>Nautical Twilight</b>	05:16, 18:12	05:16, 18:12	05:16, 18:12
<b>Civil Twilight</b>	05:44, 17:47	05:44, 17:47	05:44, 17:47
<b>Humidity</b>	D : 85% N : 93%	D : 83% N : 92%	D : 69% N : 85%
<b>Barometer (mb)</b>	1010	1010	1010
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	50%	60%	20%
<b>Wind (mph)</b>	9 km/h NNE	7 km/h N	8 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



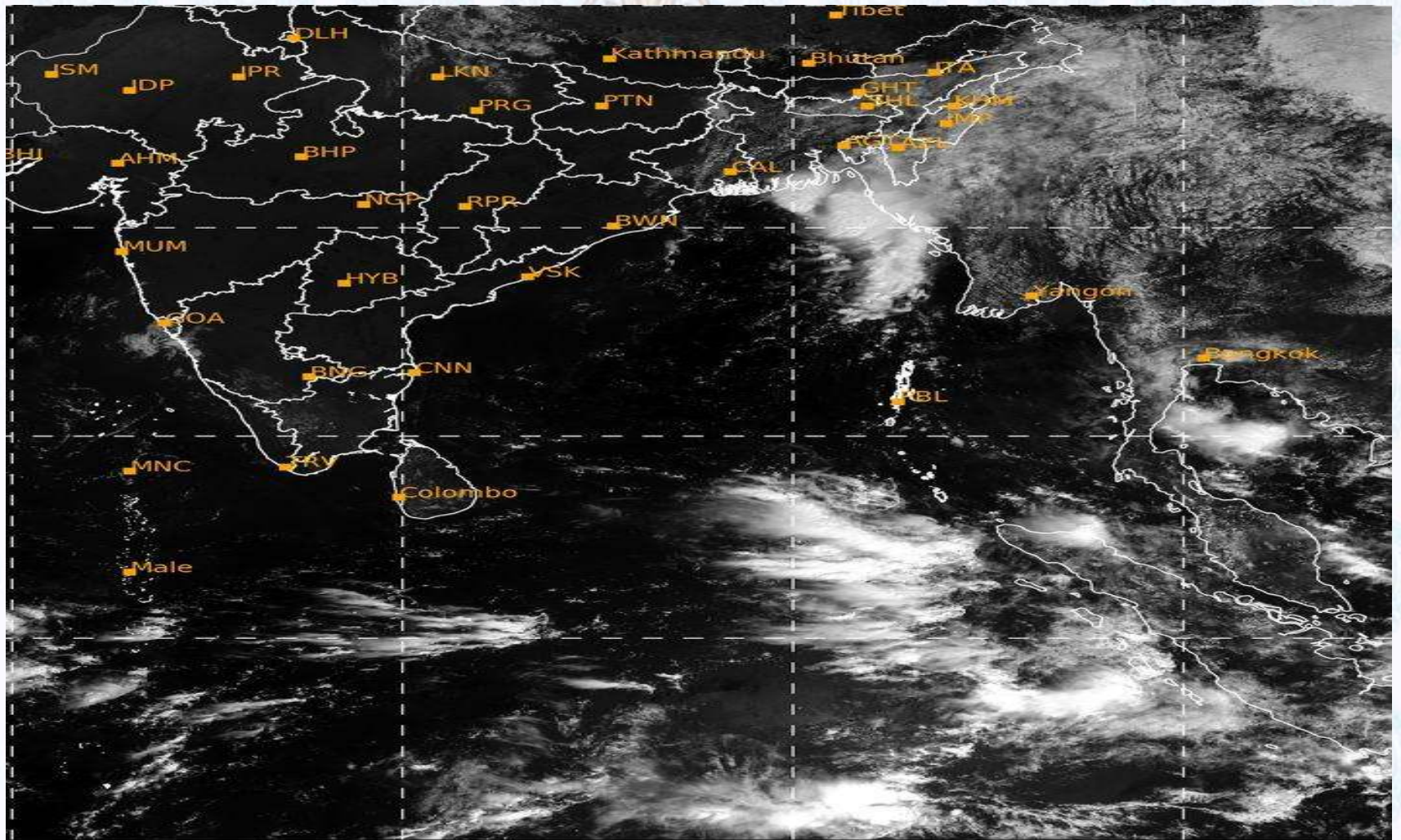
01/11/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



01/11/2020, 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 01.11.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	THE LOW PRESURE AREA OVER EAST CENTRAL BAY AND ADJOINING AREA , NOW LIES OVER CENTRAL BAY & ADJOINING NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-EAST/EASTERLY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 01,0000 UTC. CHATTOGRAM =1010 HPA





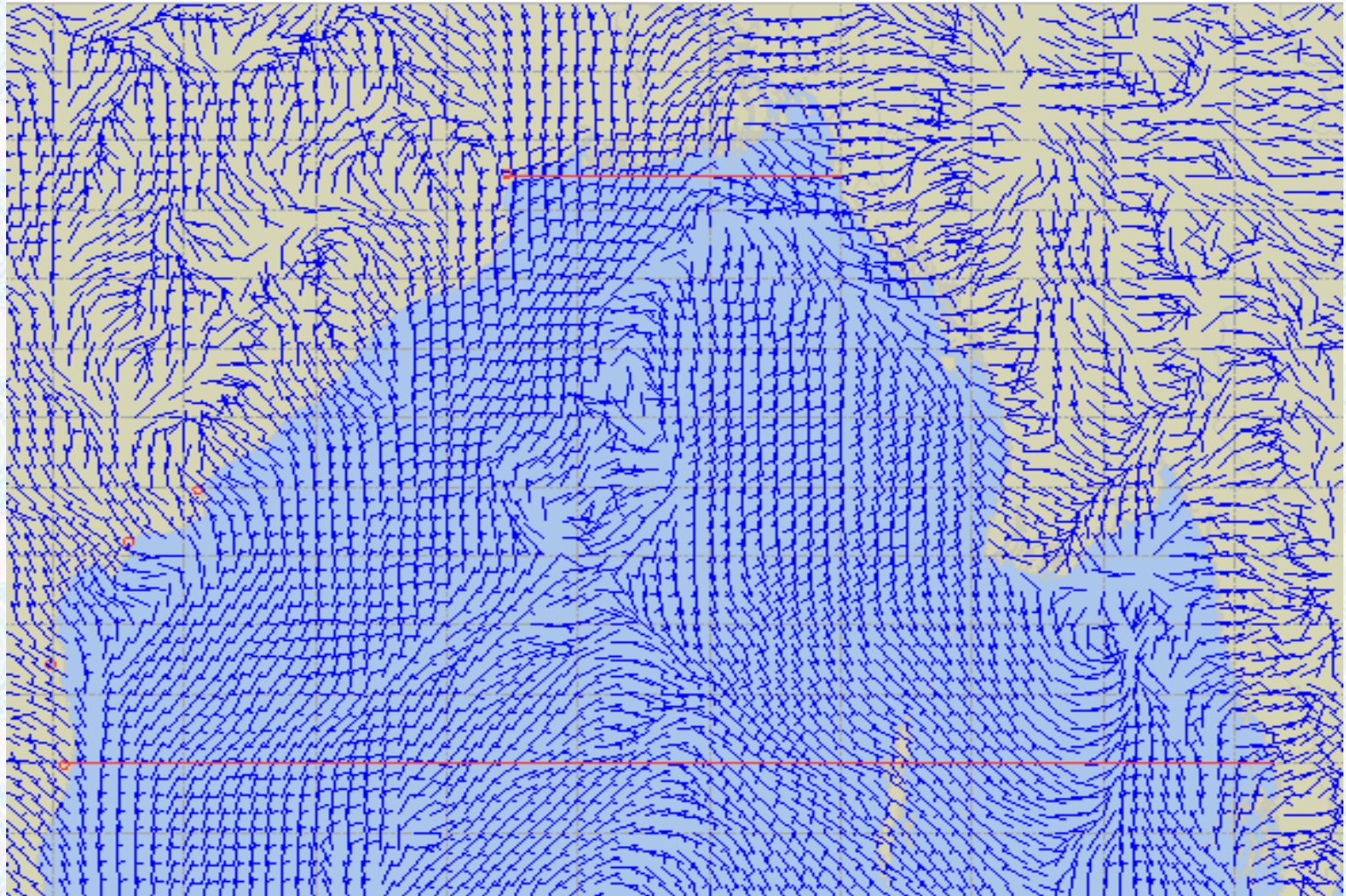
## Inland River Port Warning (VALID TILL 06 PM OF 01.11.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF 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- 02 Nov - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

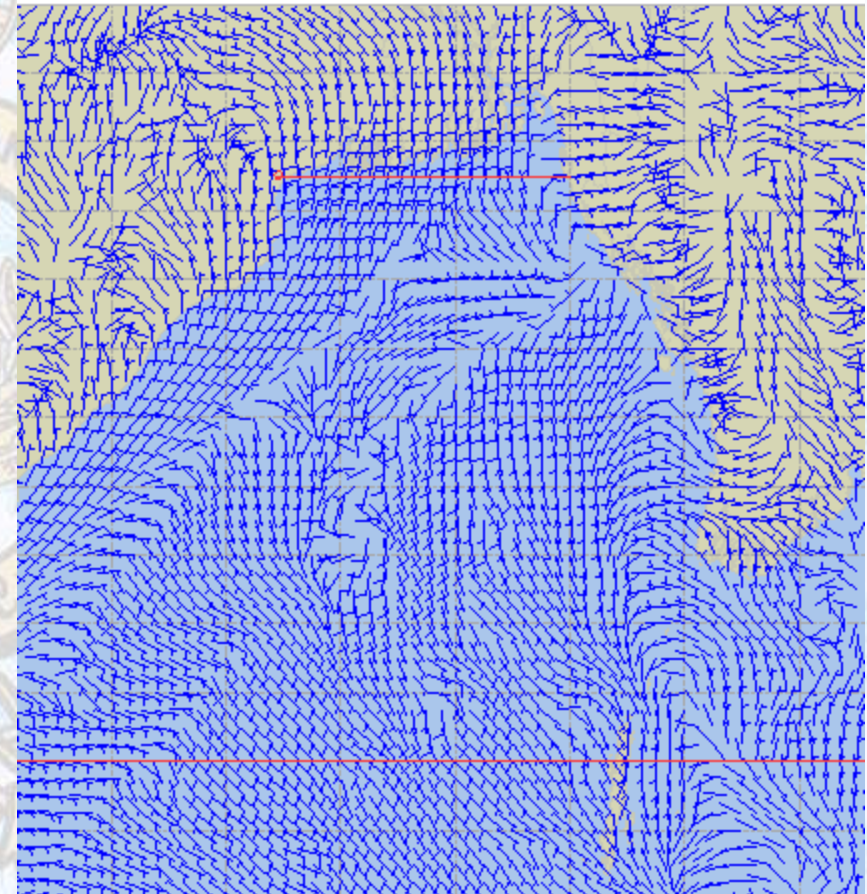
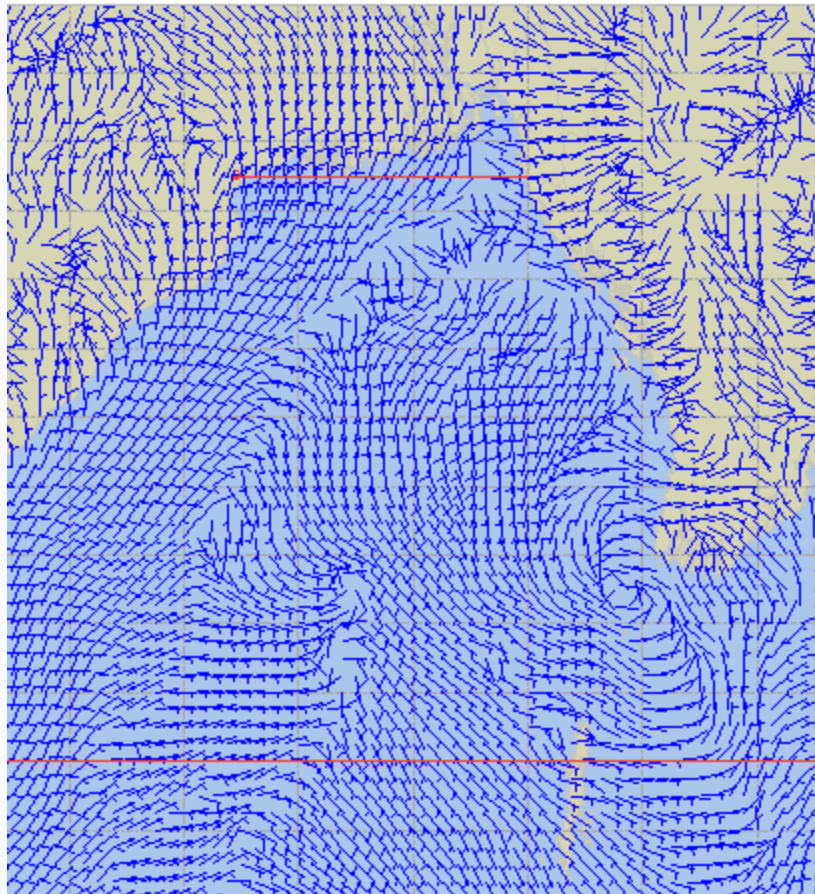




# Surface Wind Forecast – 03 & 04 Nov- 2020

03 Nov 20 Tuesday

04 Nov 20 Wednesday



## Legend:



Calm  
Winds



5 Knots



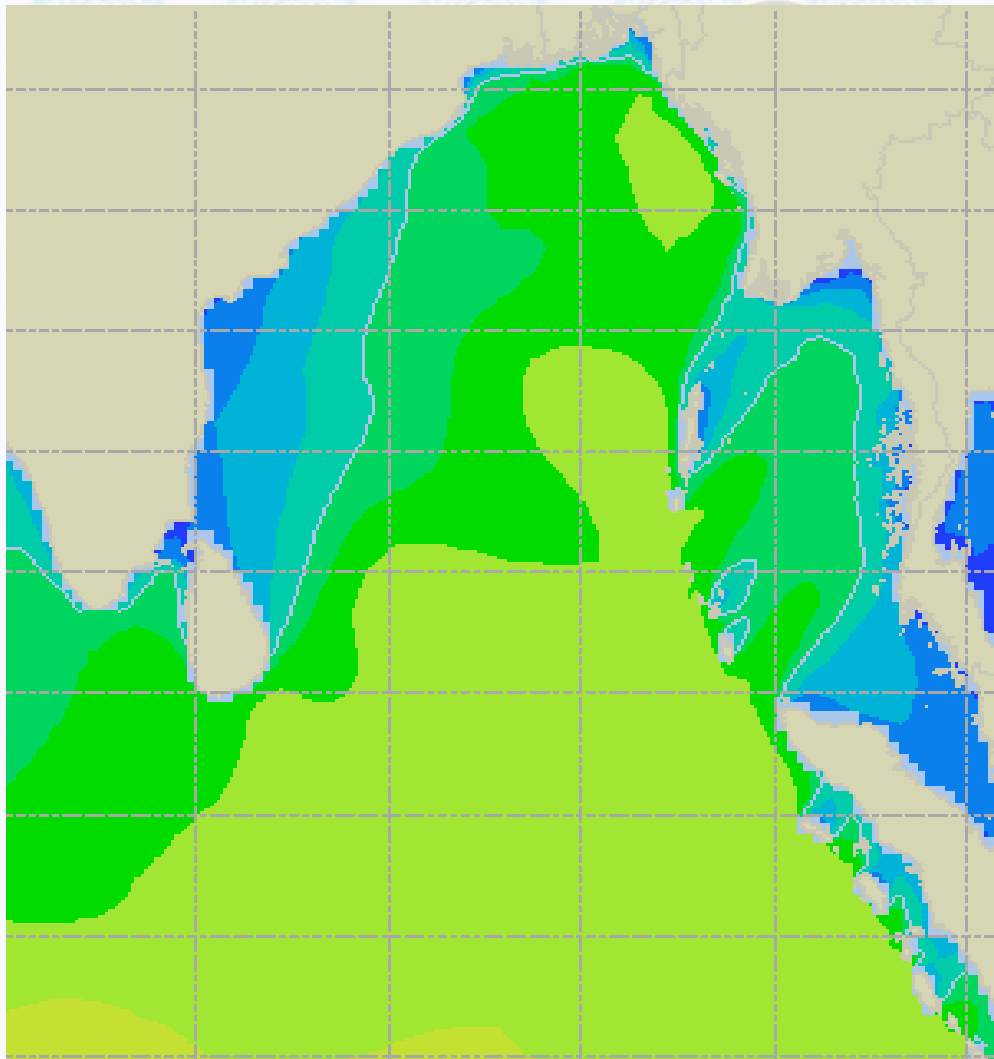
10 Knots



60 Knots



# Sea State Forecast – 02 Nov- 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



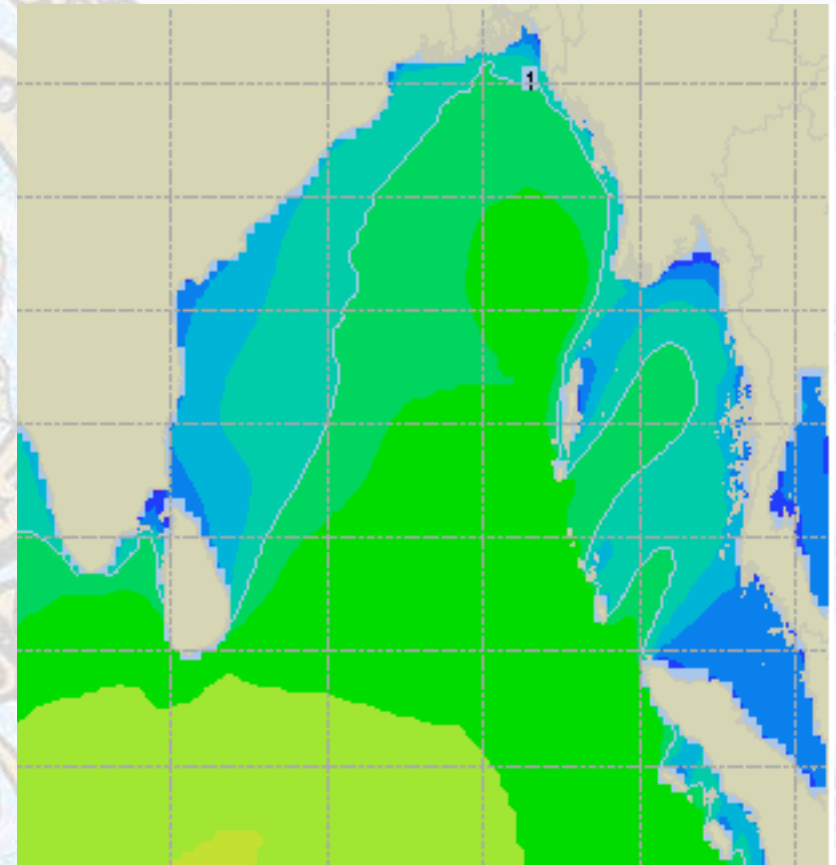
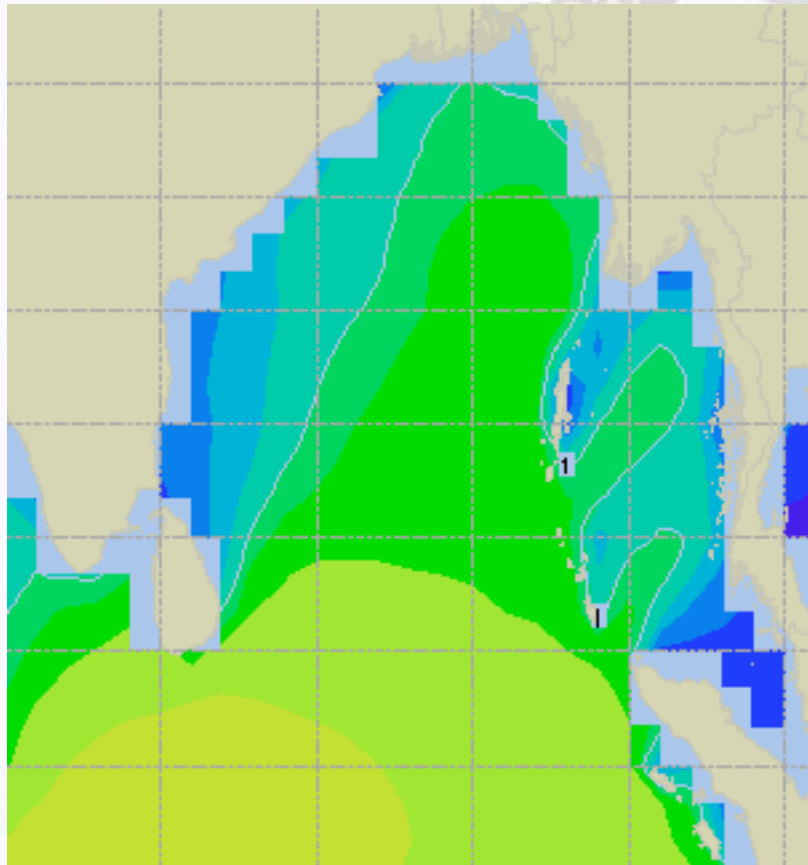




# Sea State Forecast – 03 & 04 Nov- 2020

03 Nov 20 Tuesday

04 Nov20 Wednesday

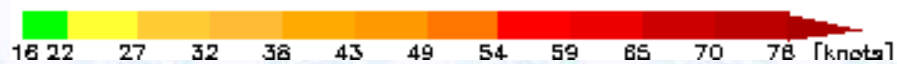
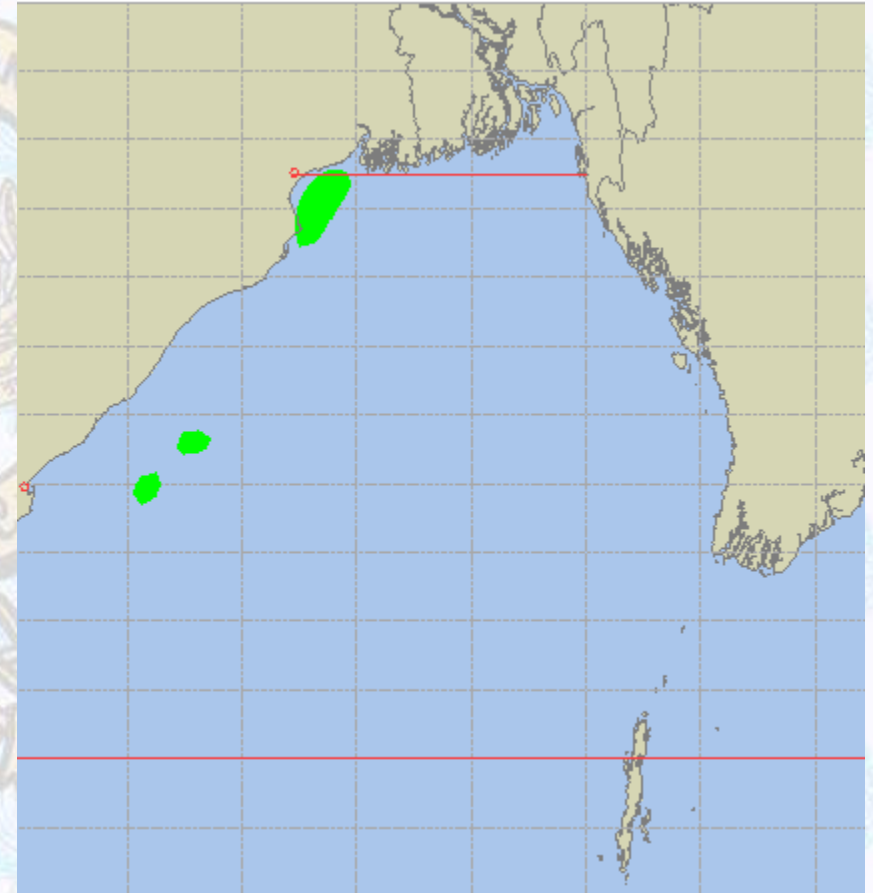
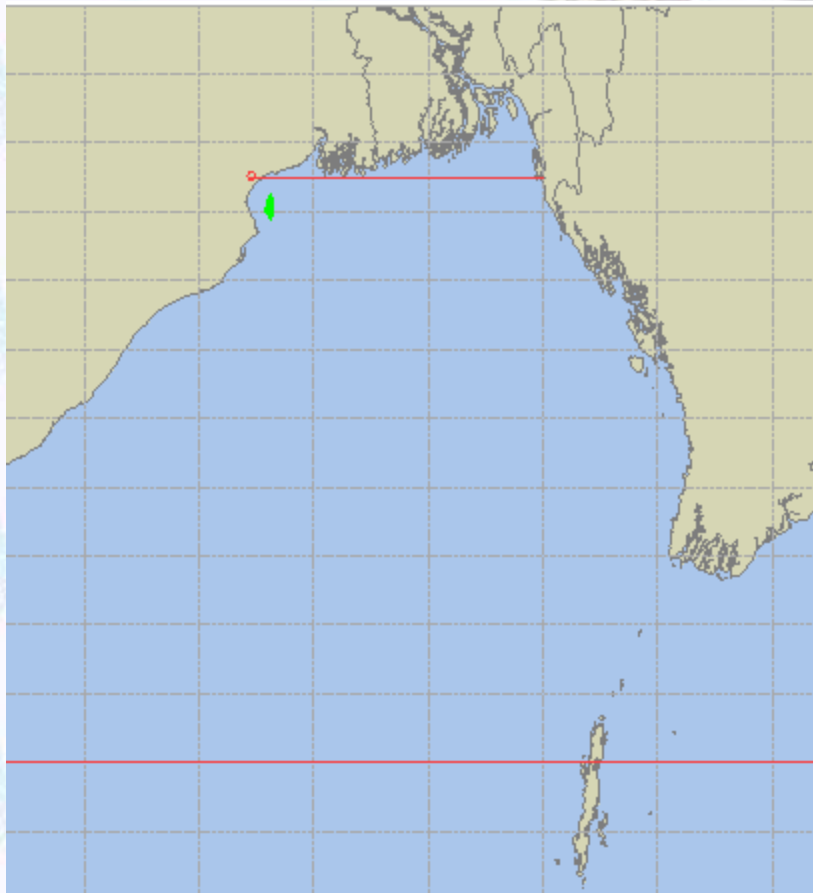




# Peak Gusting Possibilities— 02 & 03 Nov 2020

02 Nov 20 Monday

03 Nov 20 Tuesday

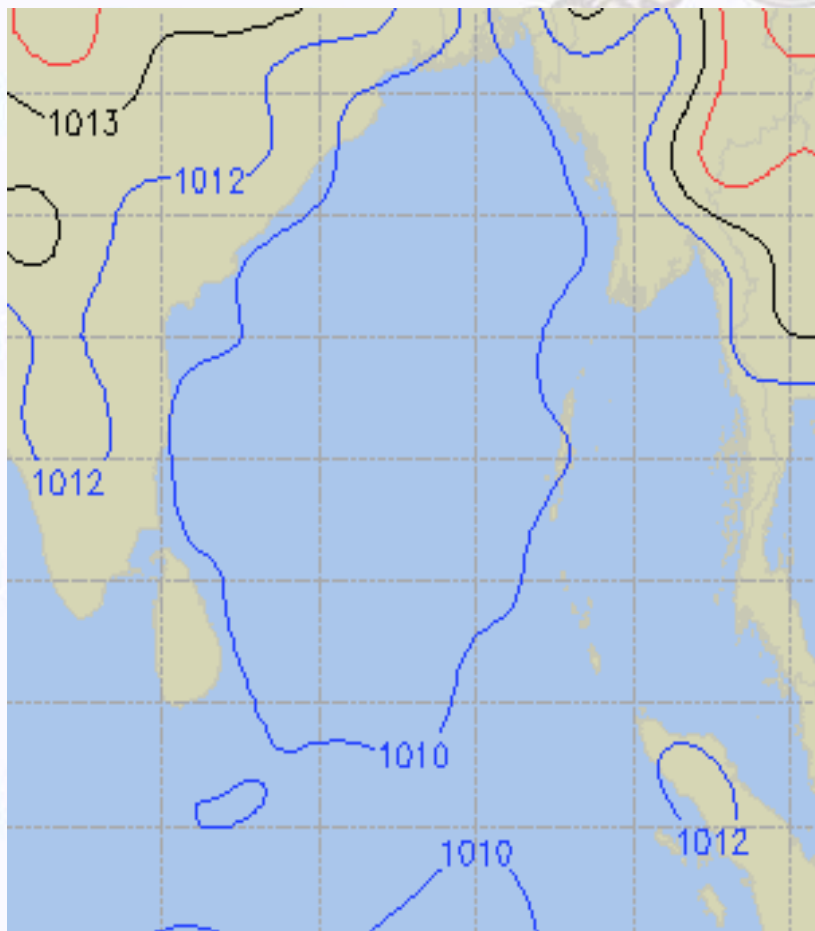




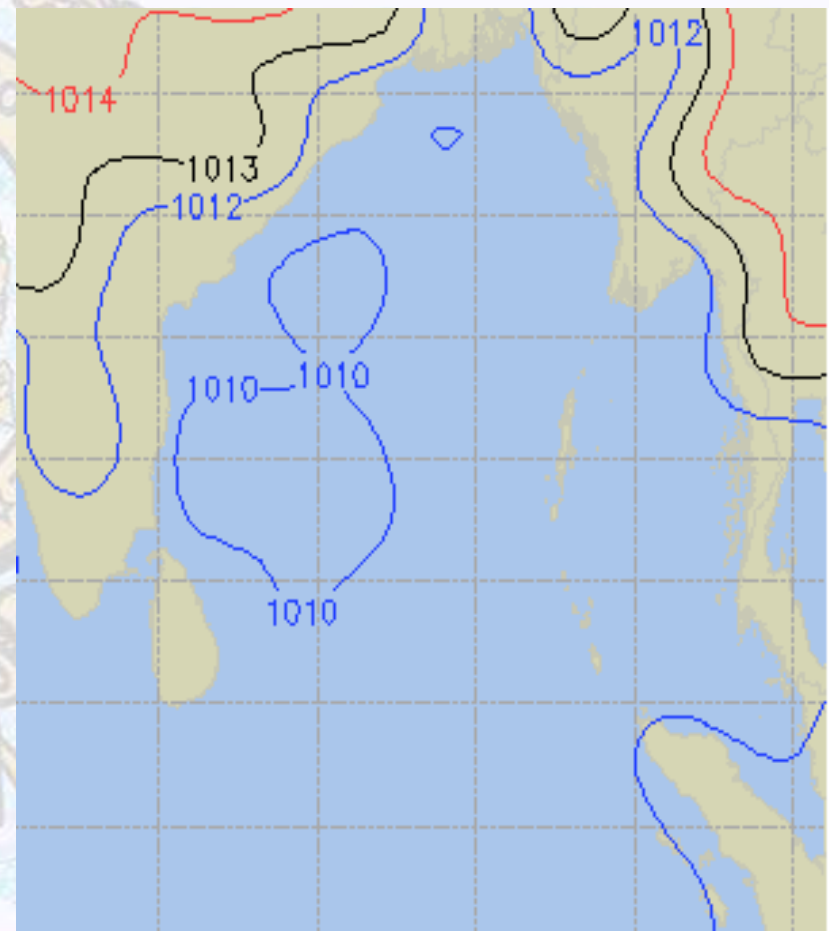


# Surface Pressure forecast– 02 & 03 Nov 2020

02 Nov 20 Monday



03 Nov 20 Tuesday

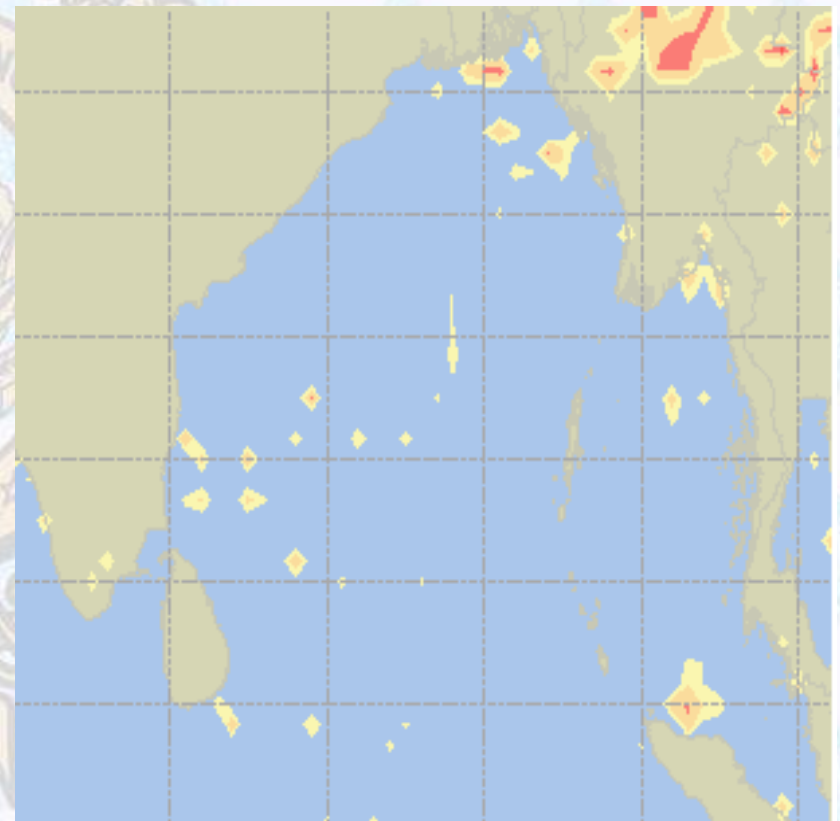
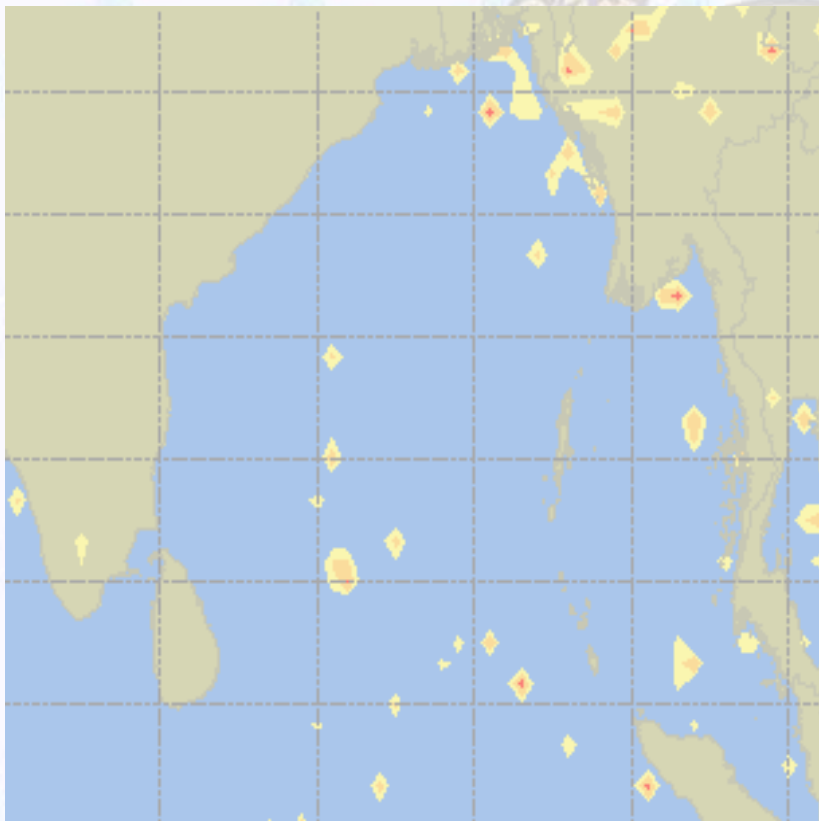




# Visibility at Sea Forecast – 02 & 03 Nov 2020

02 Nov 20 Monday

03 Nov 20 Tuesday



**Visibility Scale:**



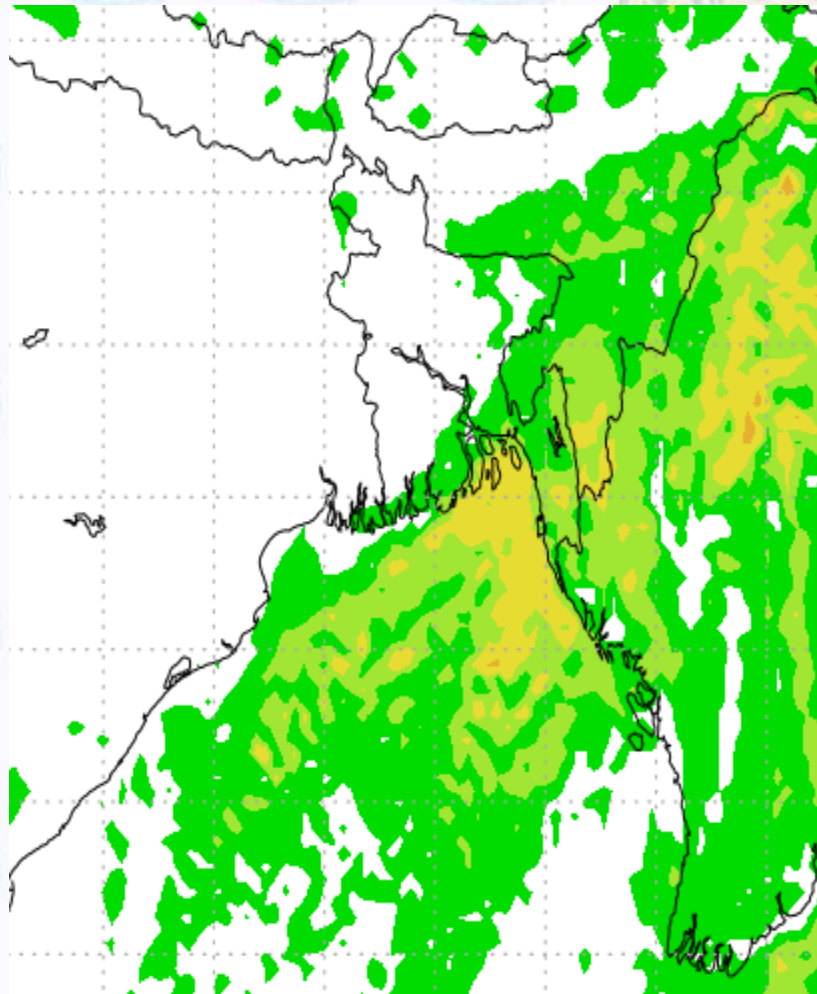
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



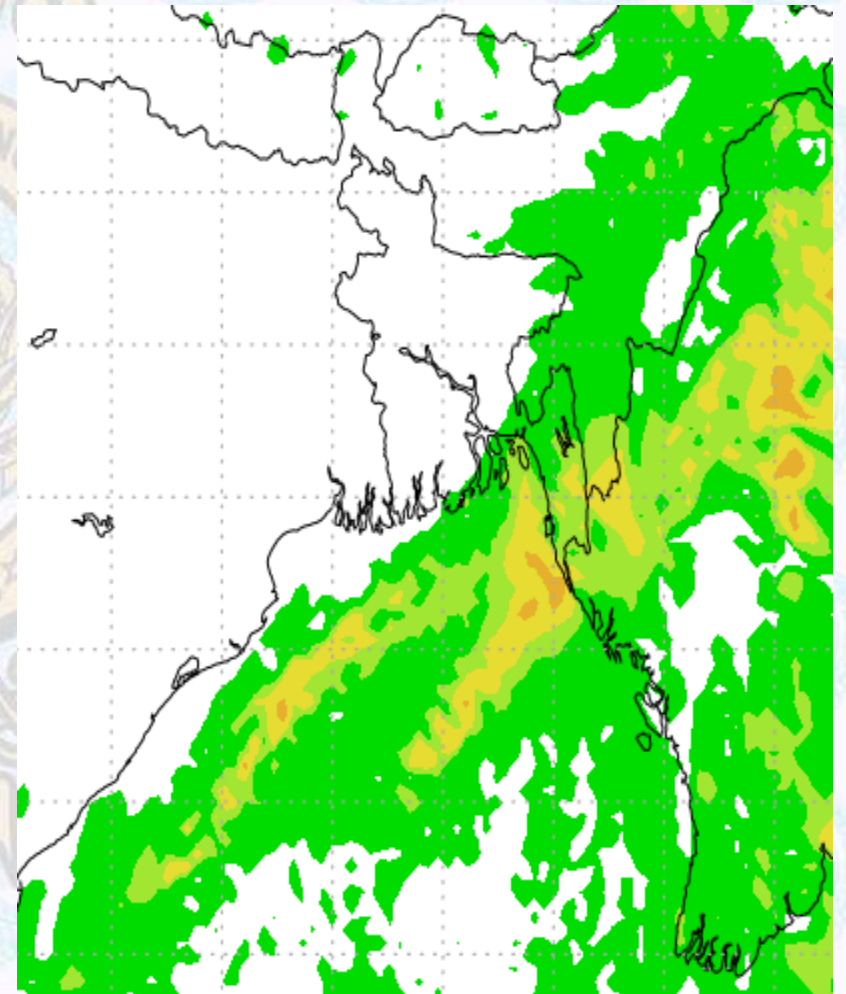


# Precipitation

Rain(mm) 02 & 03 Nov 2020



Rain(mm) 03 & 04 Nov2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>02 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</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>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</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		-	-		-	-
<b>04 Nov 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0223	4.78		0023	3.34		0003	3.05
	0901	0.62		0658	0.79		0629	0.96
	1445	4.37		1235	2.96		1218	2.73
	2104	0.61		1904	0.82		1826	0.86