



# **WEATHER FORECAST FOR BN**

**24 OCT- 27 OCT 2020**



# WEATHER FORECAST – DHAKA

## 24.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 23	28 / 24	26 / 23	26 / 23
Wind	14 km/h ESE	13 km/h ESE	4 km/h ESE	4 km/h E
Humidity	78%	77%	82%	84%
Chance of Precip	12%	12%	6%	12%
Cloud Cover	74%	56%	44%	64%
Conditions	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Sunrise Sunset	06: 01 AM 17: 26 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 8.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 24.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	27 / 26	27 / 25
Wind	17 km/h ESE	15 km/h ESE	9 km/h ESE	9 km/h SSE
Humidity	84%	84%	90%	90%
Chance of Precip.	15%	11%	24%	22%
Cloud Cover	78%	82%	85%	87%
Conditions	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Sunrise	05: 54 AM			
Sunset	17: 22 PM			

### Conditions

Pressure : 1007 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 24.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	26 / 25	26 / 25
Wind	11 km/h ESE	9 km/h ESE	2 km/h E	1 km/h E
Humidity	79%	82%	93%	94%
Chance of Precip.	9%	7%	21%	14%
Cloud Cover	77%	65%	55%	65%
Conditions	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
Sunrise Sunset	06: 03 AM 17: 30 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	25 Oct 2020	26 Oct 2020	27 Oct 2020
<b>Temperature (C)</b>	30 °C/ 25 °C	31 °C/ 25 °C	30 °C/ 25 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy/ Sunny
<b>Sun Rise/Set</b>	6h00m54s/17h24m00s	6h01m18s/17h23m12s	6h01m36s/17h22m18s
<b>Day Length</b>	11h23m06s	11h21m54s	11h20m42s
<b>Moon Rise/ Set</b>	2:04PM 12:26AM	2:41PM 01:21AM	3:16PM 02:14AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 64%	Waxing Gibbous, 74%	Waxing Gibbous, 82%
<b>Nautical Twilight</b>	05:07, 18:22	05:08, 18:22	05:09, 18:23
<b>Civil Twilight</b>	05:35, 17:54	05:35, 17:53	05:34, 17:52
<b>Humidity</b>	D : 73%    N : 82%	D : 71%    N : 81%	D : 78%    N : 87%
<b>Barometer (mb)</b>	1006	1008	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	8 Km/h SW	8 Km/h SW	10 Km/h SW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Oct 2020	26 Oct 2020	27 Oct 2020
<b>Temperature (C)</b>	30 °C/ 25 °C	31 °C/ 25 °C	31 °C/ 25 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny
<b>Sun Rise/Set</b>	5h53m36s/17h19m48s	5h54m00s/17h19m06s	5h54m12s/17h18m12s
<b>Day Length</b>	11h26m12s	11h25m06s	11h24m00s
<b>Moon Rise/ Set</b>	2:04PM 12:22AM	2:33PM 01:17AM	3:09PM 02:10AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 64%	Waxing Gibbous, 74%	Waxing Gibbous, 82%
<b>NauticalTwilight</b>	05: 02 18:16	05: 03 18:17	05: 04 18:19
<b>Civil Twilight</b>	05:28, 17:49	05:28, 17:48	05:29, 17:47
<b>Humidity</b>	D : 83%    N : 88%	D : 84%    N : 87%	D : 81%    N : 88%
<b>Barometer (mb)</b>	1007	1008	1009
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	10 Km/h S	10 Km/h S	10 Km/h S

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



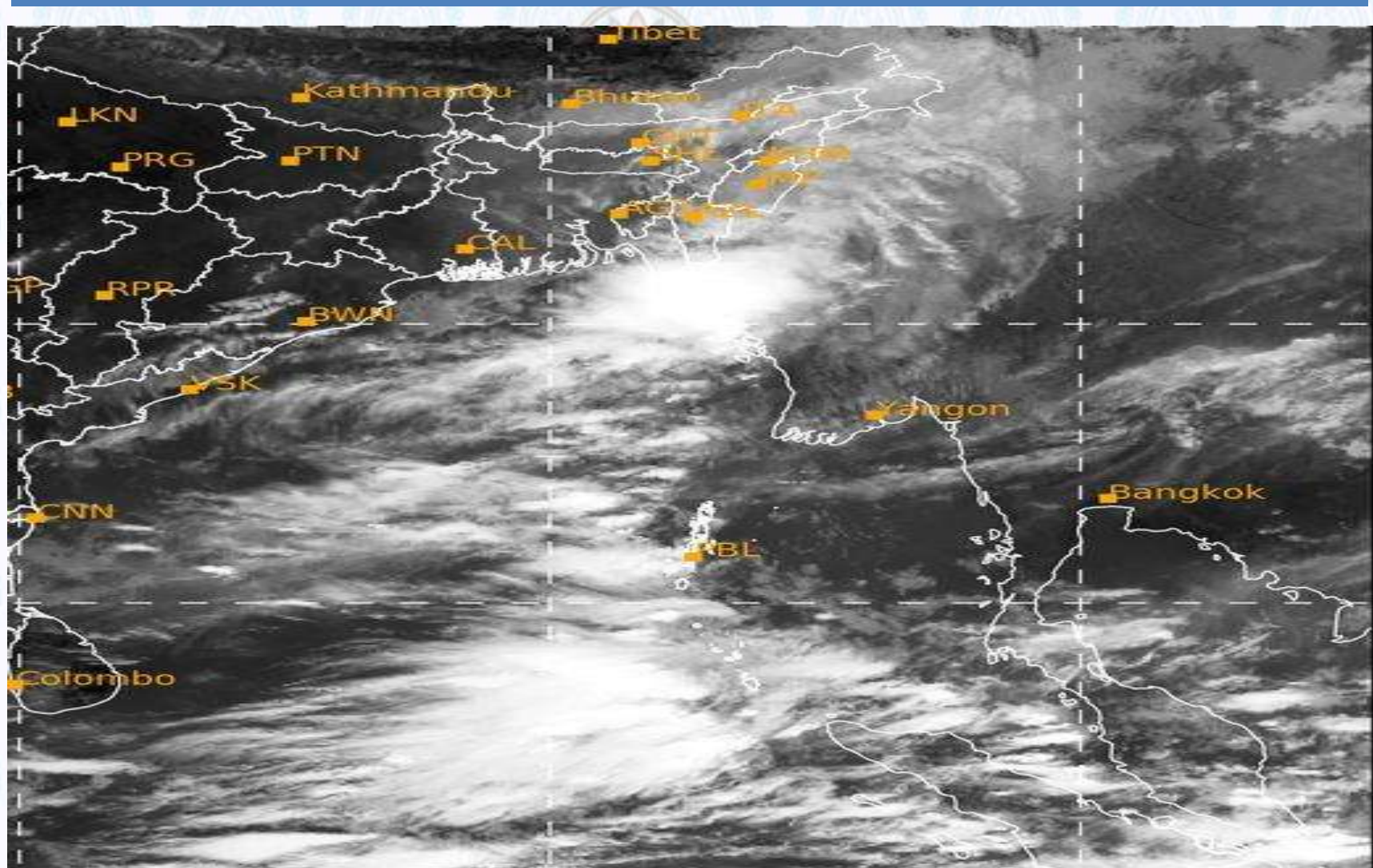
# GENERAL WEATHER FORECAST – KHULNA

Description	25 Oct 2020	26 Oct 2020	27 Oct 2020
<b>Temperature(C)</b>	30°C/ 25°C	31°C/ 25°C	31°C/ 25°C
<b>Summary</b>	Cloudy	Partly Cloudy/ Sunny	Partly Cloudy/ Sunny
<b>Sun Rise/Set</b>	6h03m18s/17h28m30s	6h03m36s/17h27m42s	6h03m54s/17h26m48s
<b>Day Length</b>	11h25m12s	11h24m06s	11h22m54s
<b>Moon Rise/Set</b>	2:04PM 12:22AM	2:43PM 01:26AM	3:19PM 02:18AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 64%	Waxing Gibbous, 74%	Waxing Gibbous, 82%
<b>NauticalTwilight</b>	05:10, 18:25	05:11, 18:24	05:12, 18:25
<b>Civil Twilight</b>	05:38, 17:58	05:39, 17:57	05:39, 17:56
<b>Humidity</b>	D : 80% N : 87%	D : 80% N : 87%	D : 81% N : 89%
<b>Barometer (mb)</b>	1008	1008	1008
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	20%	20%	20%
<b>Wind (mph)</b>	8 km/h WNW	8 km/h WNW	8 km/h WNW

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



# SATELLITE VIEW OF BAY OF BENGAL



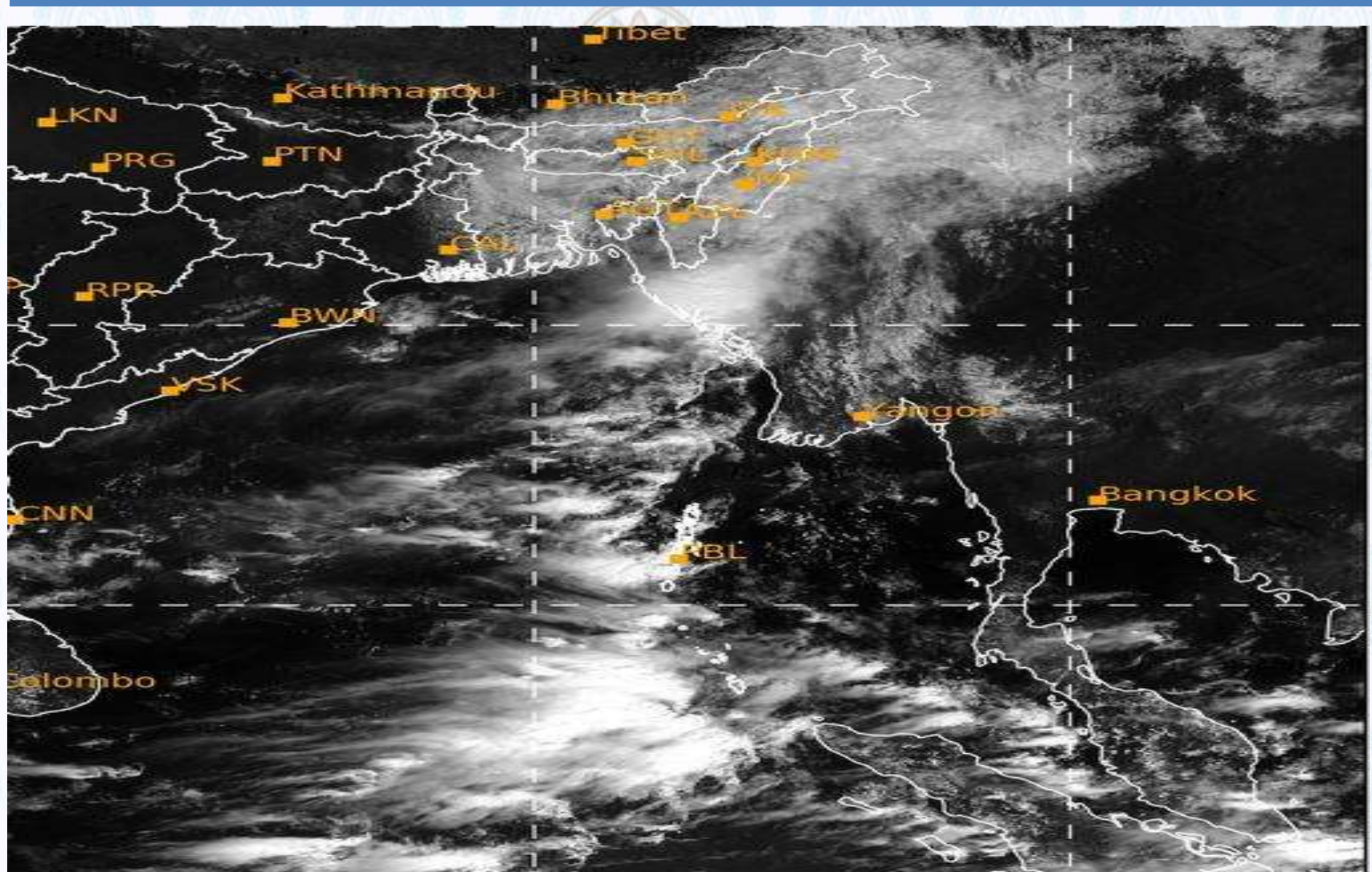
24/10/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



24/10/2020, 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 24.10.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	THE DEEP DEPRESSION OVER NORTH WEST BAY AND ADJOINING AREA MOVED NORTHEAST WARDS OVER THE SAME AREA (LAT 21.5° NORTH, LONG 88.5° NORTH) AS A DEPRESSION AT 0300 UTC OF 23 OCTOBER 2020. THEN IT MOVED FURTHER NORTHEASTWARDS AND CROSSED WEST BENGAL-KHULNA COAST (NEAR WEST BENGAL-BANGLADESH BORDER REGION) DURING 0600 UTC TO 1200 UTC OF 23 OCTOBER 2020 AS A DEPRESSION. IT WAS CENTERED AT 1200 UTC (23 OCTOBER 2020) OVER FARIDPUR-MADARIPUR REGION AND ADJOINING AREA (NEAR LAT 23.3° NORTH, LONG 89.9° EAST) AS A LAND DEPRESSION, STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY AND DEEP CONVECTION IS TAKING PLACE OVER NORTH BAY AND ADJOINING COASTAL AREAS OF BANGLADESH. MONSOON IS STRONG OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY 12-18 KTS. TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 24,0000 UTC. CHATTOGRAM = 1007 HPA



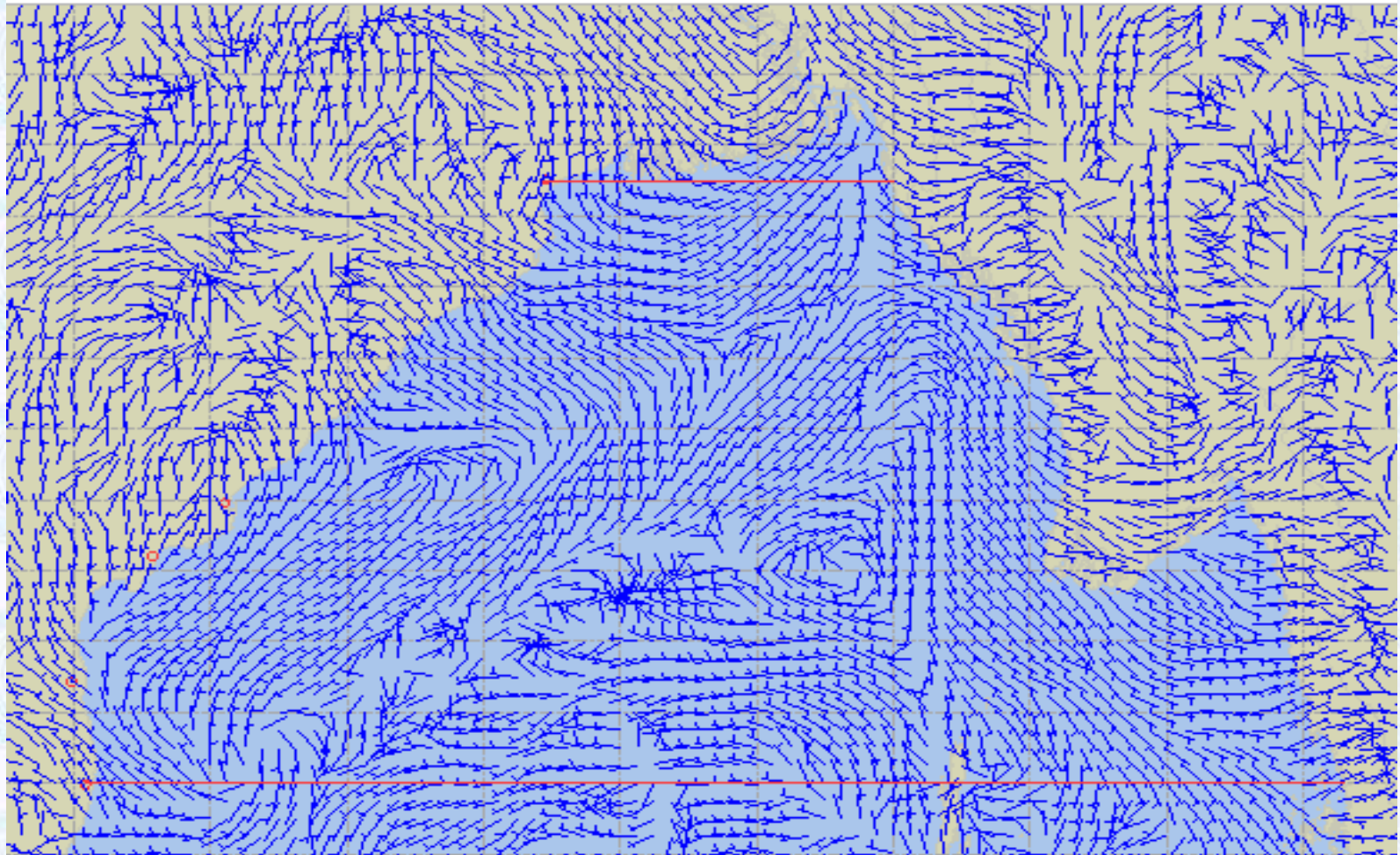
## Inland River Port Warning (VALID TILL 06 PM OF 24.10.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY, GUSTY/ SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUROVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL,MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL,MADARIPUR, PATUAKHALI, NOAKHALI, 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- 25 Oct - 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



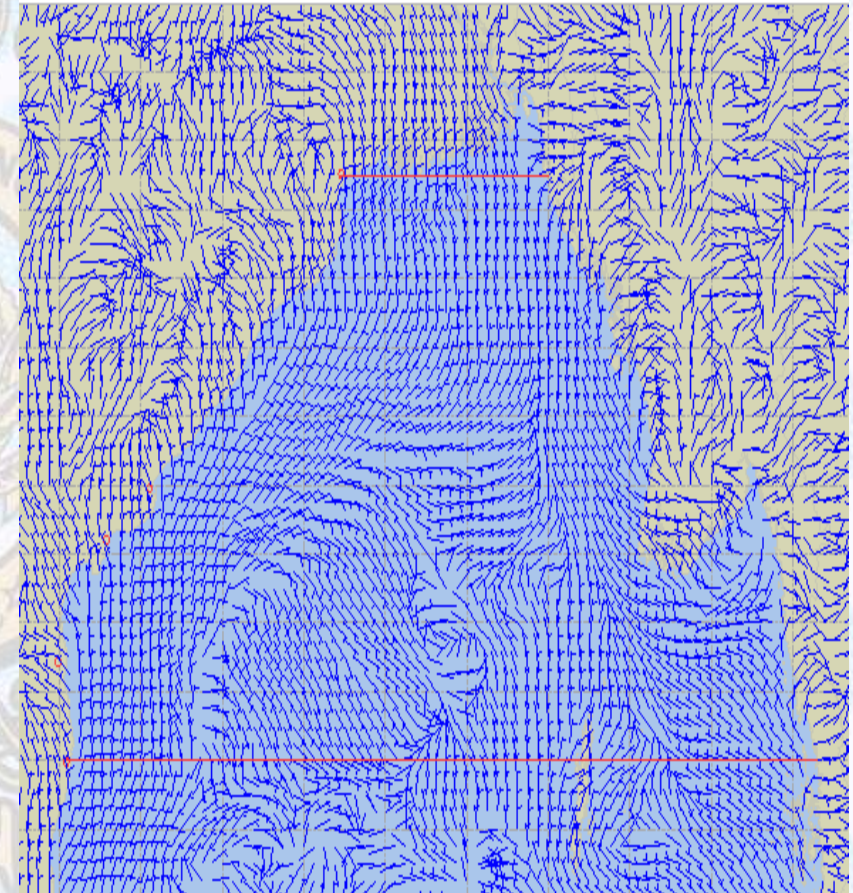
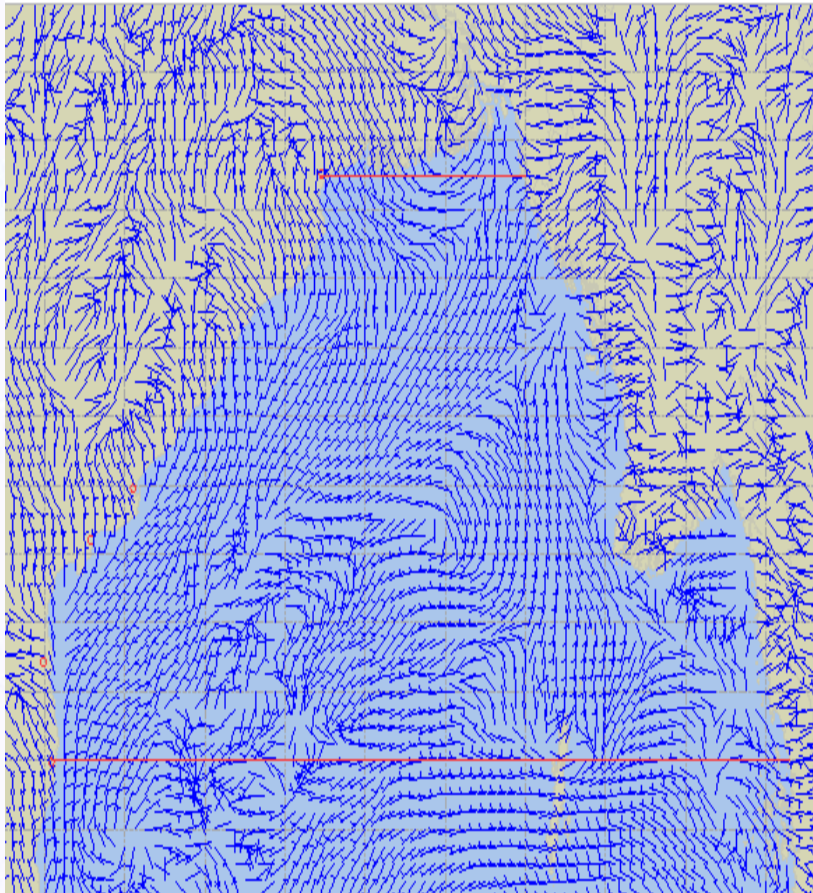
60 Knots



# Surface Wind Forecast – 26 & 27 Oct- 2020

26 Oct 20 Monday

27 Oct 20 Tuesday



## Legend:



Calm  
Winds



5 Knots



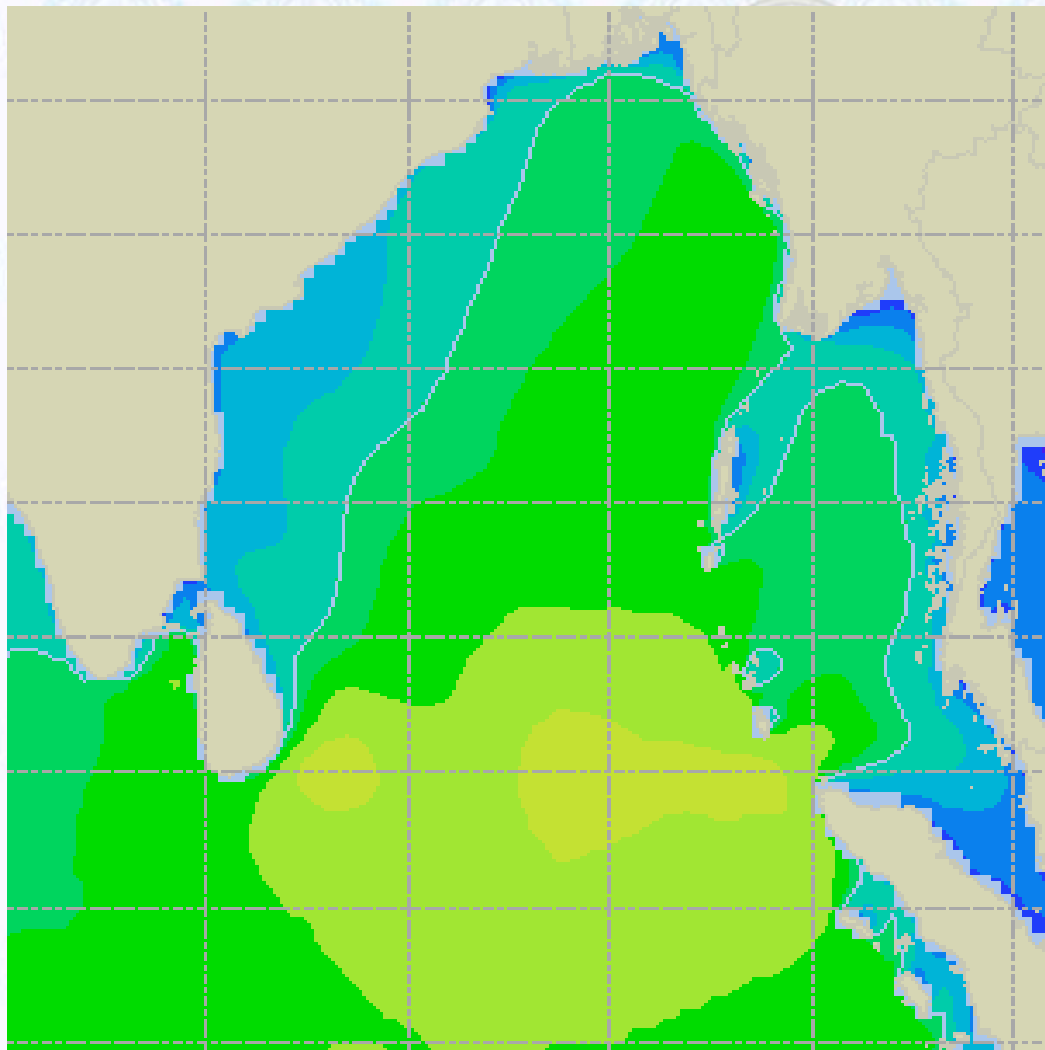
10 Knots



60 Knots



# Sea State Forecast – 25 Oct- 2020



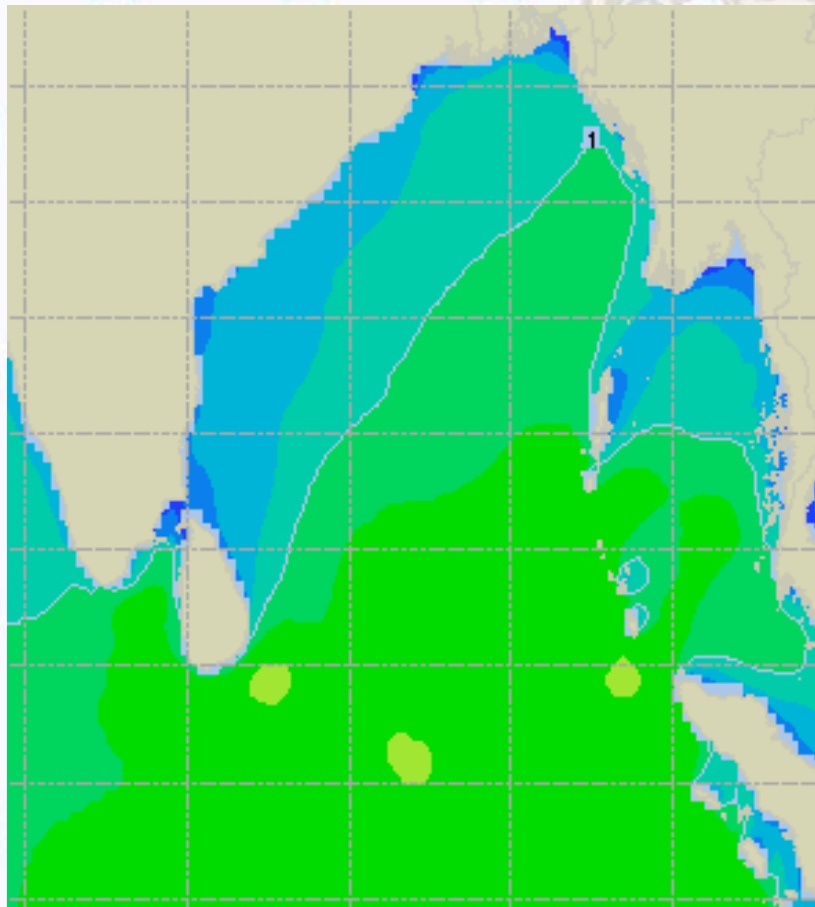
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



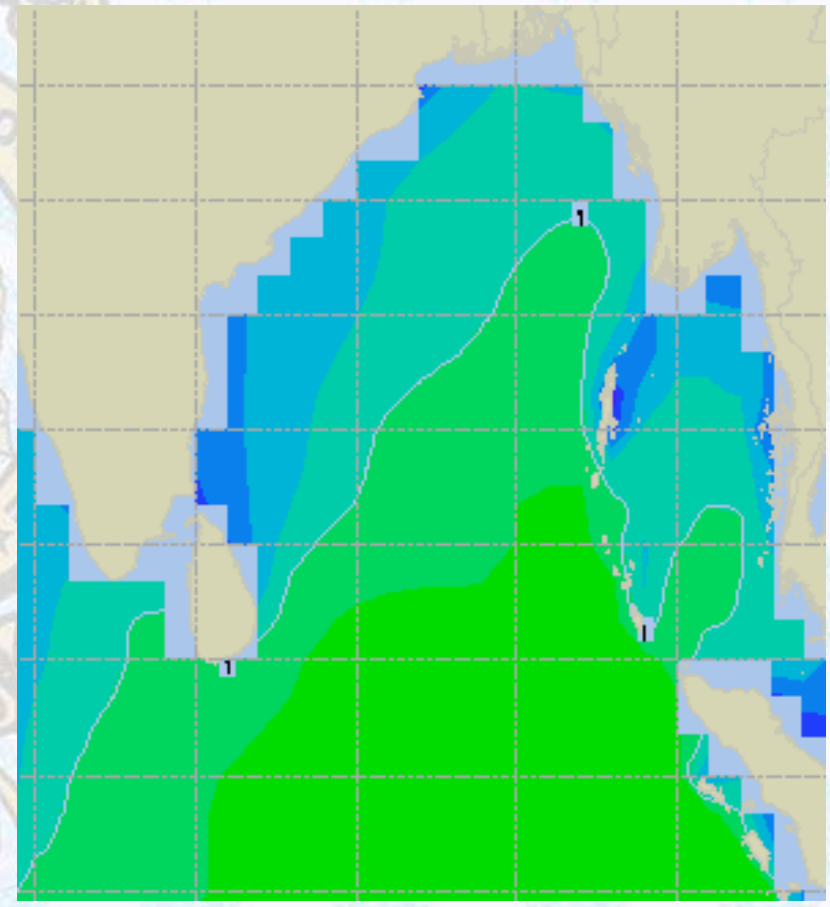


# Sea State Forecast – 26 & 27 Oct- 2020

26 Oct 20 Monday



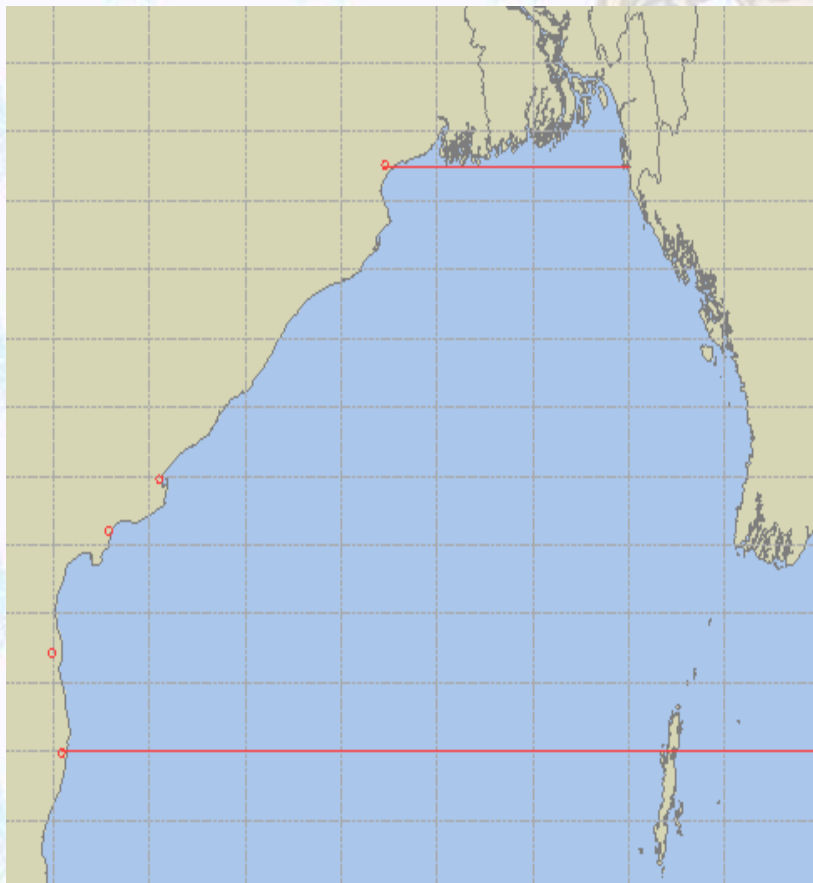
27 Oct 20 Tuesday



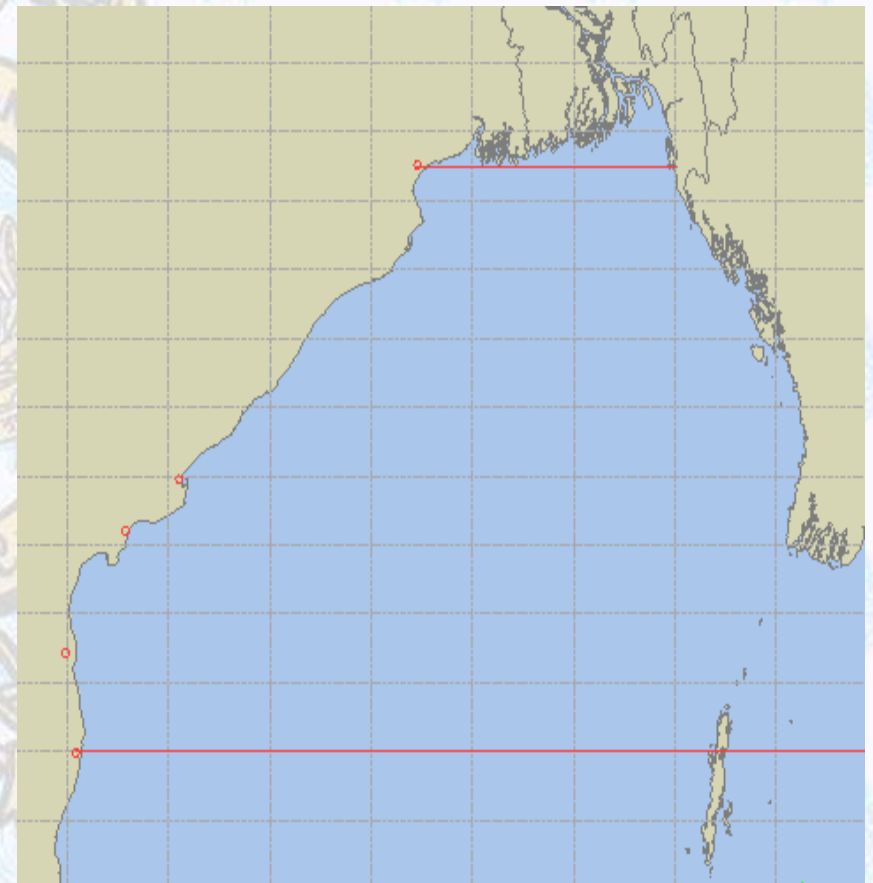


# Peak Gusting Possibilities— 25 & 26 Oct 2020

## 25 Oct 20 Sunday



## 26 Oct 20 Monday

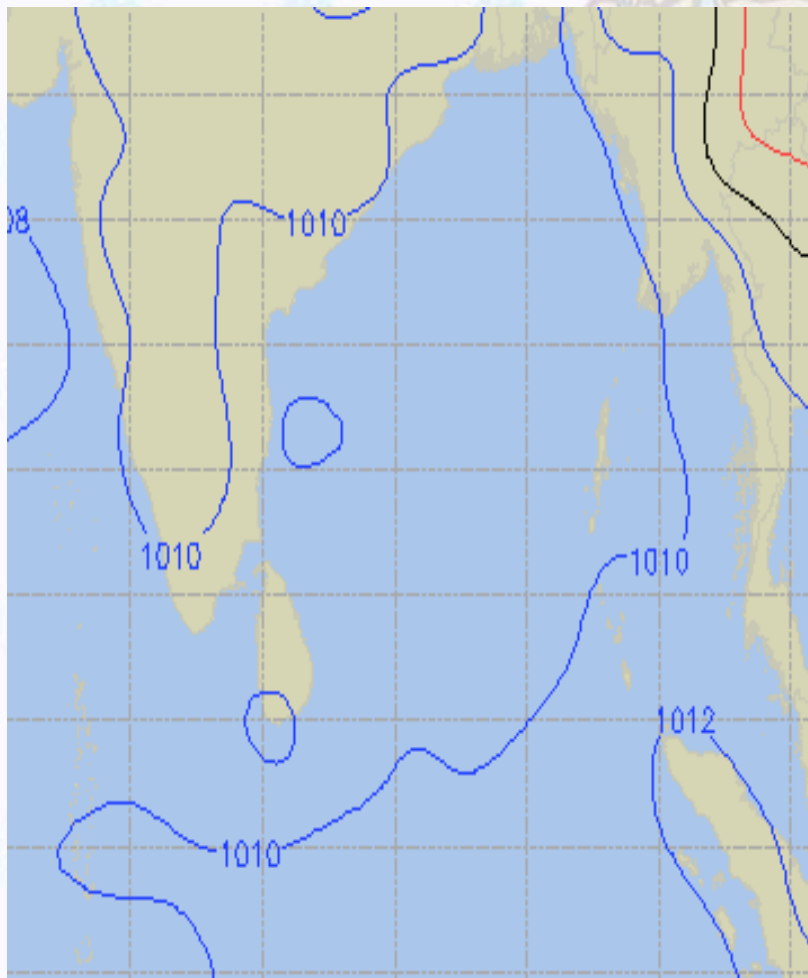




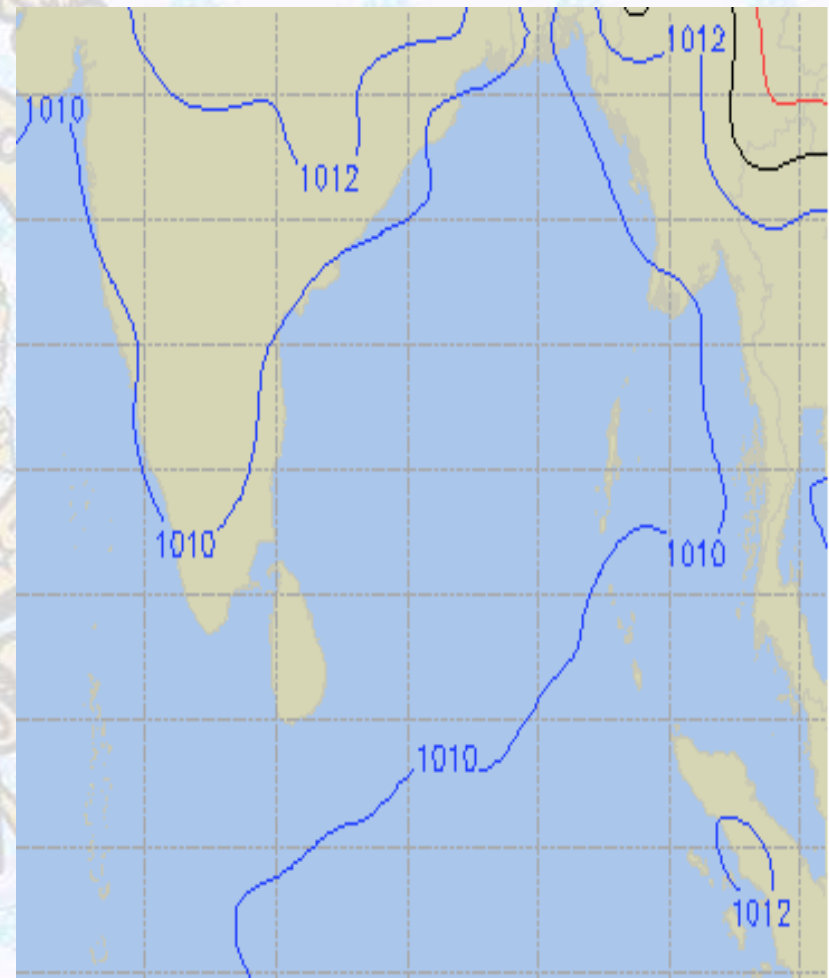


# Surface Pressure forecast– 25 & 26 Oct 2020

25 Oct 20 Sunday



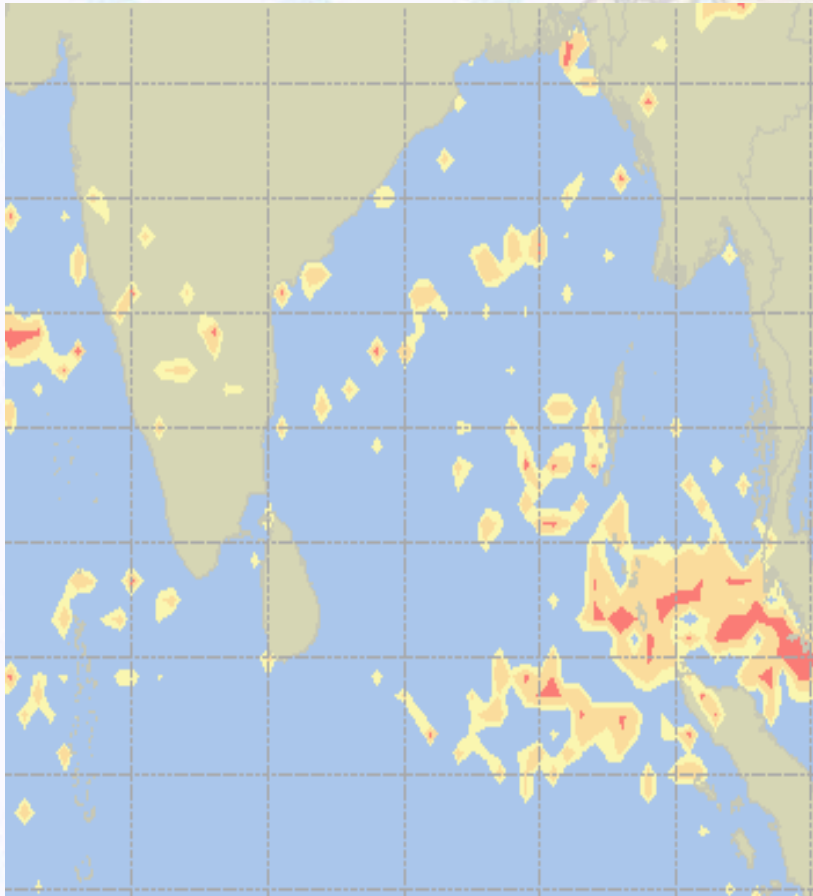
26 Oct 20 Monday



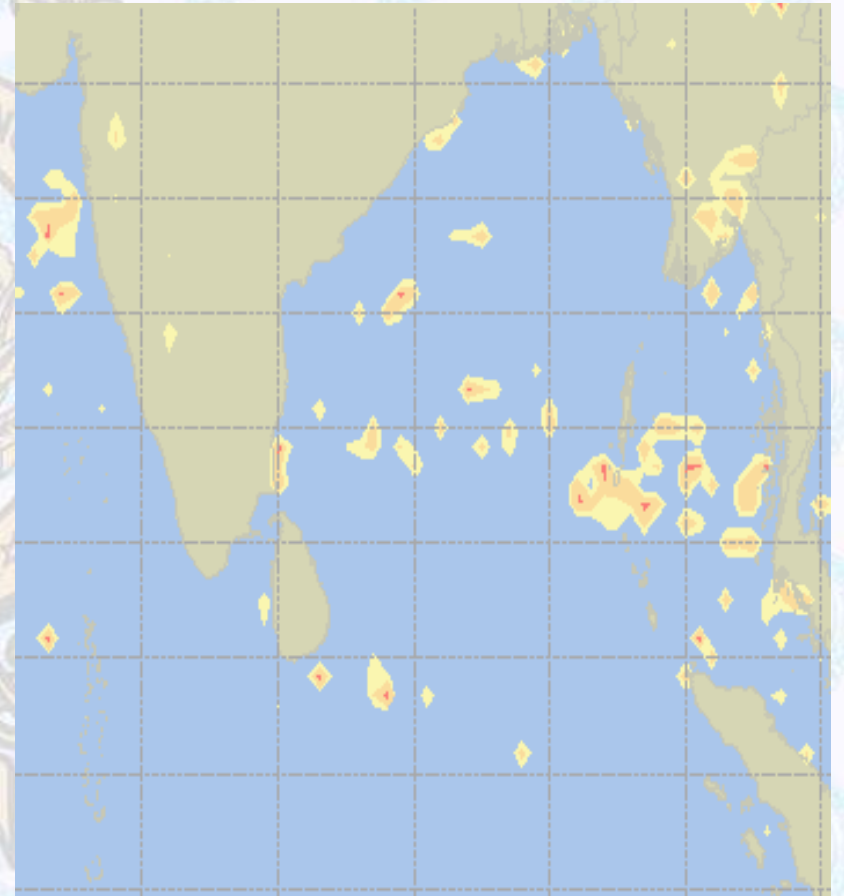


# Visibility at Sea Forecast – 25 & 26 Oct 2020

25 Oct 20 Sunday



26 Oct 20 Monday



**Visibility Scale:**

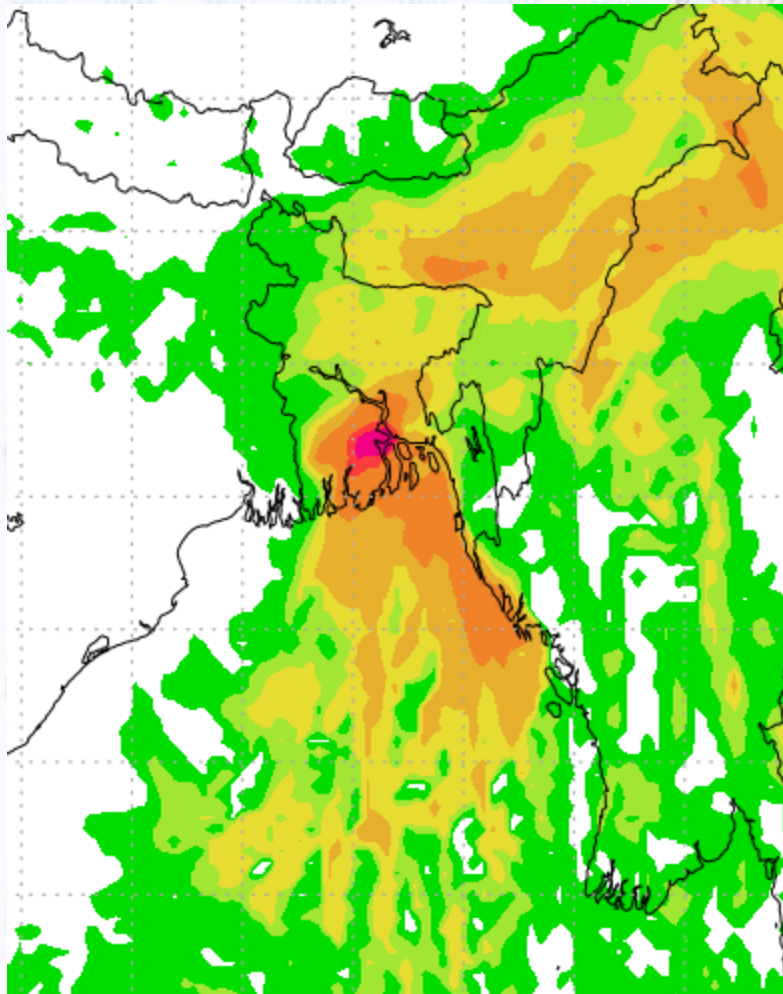


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

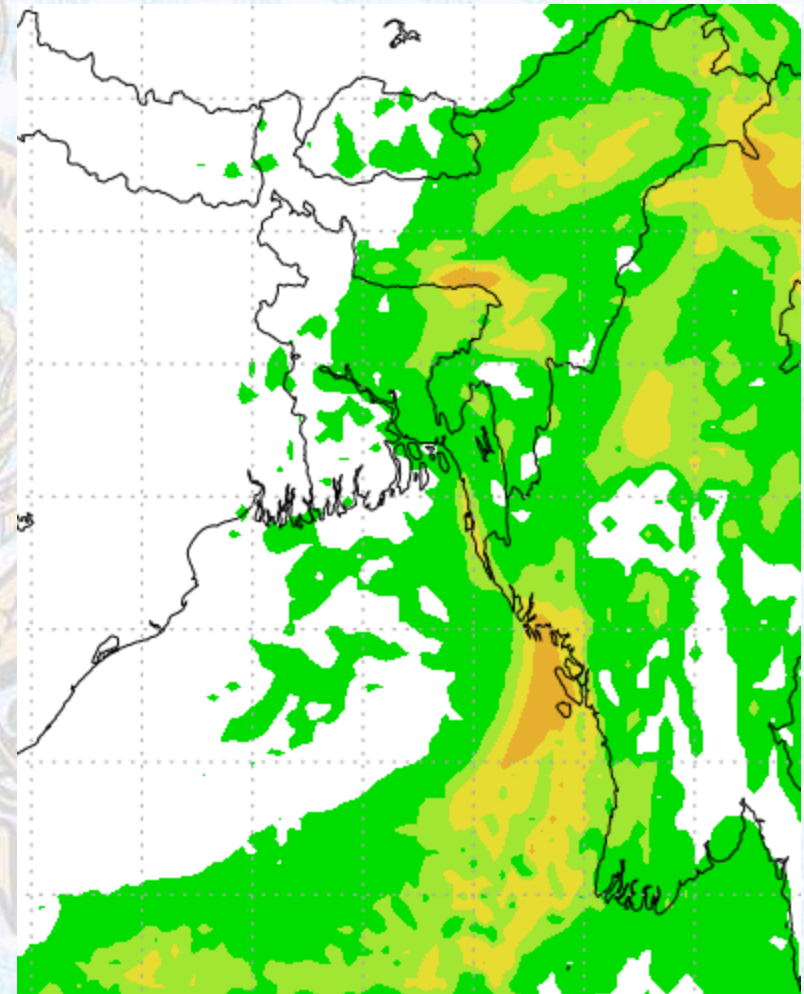


# Precipitation

Rain(mm) 24 & 25 Oct 2020



Rain(mm) 25 & 26 Oct 2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0209		1.60			0529	2.62
25 Oct 2020	0823	3.96		1230	1.28		1233	1.39
	1503	1.17		1838	2.50		1855	2.42
	2124	3.90		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0335		1.44			0058	1.32
26 Oct 2020	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
	Time	Height		Time	Height		Time	Height
		0439		1.17			0207	1.20
27 Oct 2020	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