



# **WEATHER FORECAST FOR BN**

**23 AUG- 26 AUG 2020**



# WEATHER FORECAST – DHAKA

## 23.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 26	29 / 26
Wind	5 km/h S	6 km/h S	7 km/h S	5 km/h SSE
Humidity	70%	71%	83%	87%
Chance of Precip	15%	18%	15%	36%
Cloud Cover	71%	74%	59%	63%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 37 AM 18: 24 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 23.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	27 / 26	27 / 26
Wind	11 km/h SSW	12 km/h SSW	8 km/h SSE	8 km/h SE
Humidity	84%	85%	92%	91%
Chance of Precip.	19%	18%	16%	62%
Cloud Cover	82%	83%	86%	88%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Rain
Sunrise Sunset	5: 33 AM 18: 17 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 23.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 28	28 / 27	28 / 27
Wind	9 km/h SSW	8 km/h SSW	5 km/h WSW	2 km/h WSW
Humidity	83%	86%	94%	96%
Chance of Precip.	32%	24%	15%	38%
Cloud Cover	84%	86%	77%	82%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Rain
Sunrise Sunset	5: 41 AM 18: 27 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 12.87 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	24 August 2020	25 August 2020	26 August 2020
<b>Temperature (C)</b>	32°C/ 26°C	32°C/ 26°C	30°C/ 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h37m42s/18h23m54s	5h38m06s/18h22m54s	5h38m24s/18h21m54s
<b>Day Length</b>	12h46m12s	12h44m48s	12h43m30s
<b>Moon Rise/ Set</b>	10:48AM 10:25PM	11:51AM 11:10PM	12:53AM 11:58PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 40%	First Quarter, 52%	Waxing Gibbous, 63%
<b>NauticalTwilight</b>	04:46,19:14	04:47,19:13	04:48,19:12
<b>Civil Twilight</b>	05:14,18:46	05:15,18:45	05:16,18:44
<b>Humidity</b>	D : 76%    N : 86%	D : 77%    N : 84%	D : 79%    N : 85%
<b>Barometer (mb)</b>	1004	1003	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	50%	80%
<b>Wind (mph)</b>	7 Km/h ESE	13 Km/h E	20 Km/h ESE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 August 2020	25 August 2020	26 August 2020
<b>Temperature (C)</b>	29°C/ 25°C	29°C/ 26°C	29°C/ 25°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h33m30s/18h16m48s	5h33m48s/18h15m48s	5h34m06s/18h14m48s
<b>Day Length</b>	12h43m18s	12h42m00s	12h40m42s
<b>Moon Rise/ Set</b>	10:40AM 10:20PM	11:43AM 11:06PM	12:45AM 11:55PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 40%	First Quarter, 52%	Waxing Gibbous, 63%
<b>Nautical Twilight</b>	04:43, 19:06	04:44, 19:05	04:45, 19:04
<b>Civil Twilight</b>	05:10, 18:39	05:11, 18:38	05:12, 18:78
<b>Humidity</b>	D : 87% N : 93%	D : 88% N : 91%	D : 86% N : 92%
<b>Barometer (mb)</b>	1005	1004	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	12 Km/h SSE	14 Km/h SE	19 Km/h SSE

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



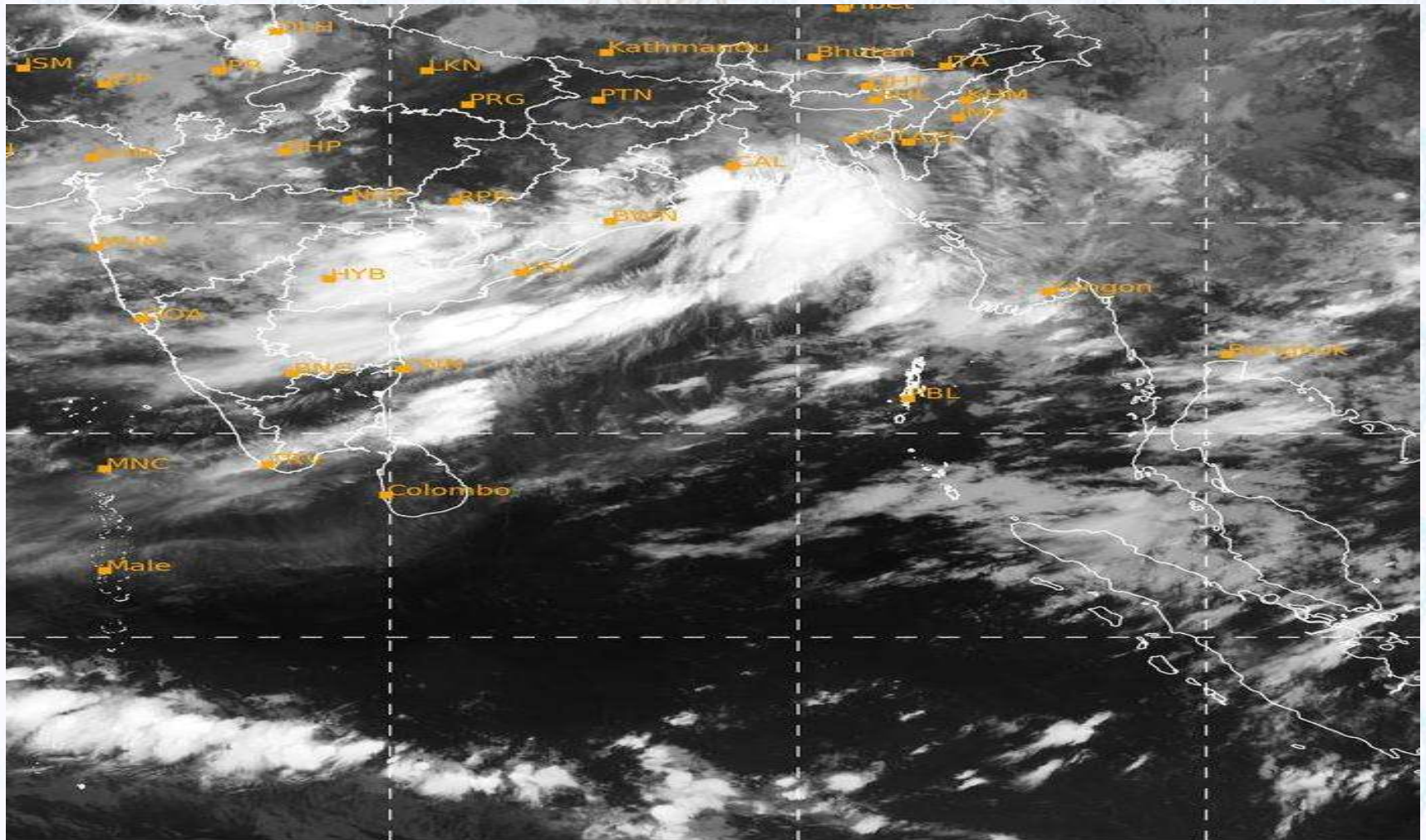
# GENERAL WEATHER FORECAST – KHULNA

Description	24 August 2020	25 August 2020	26 August 2020
<b>Temperature(C)</b>	32°C/ 26°C	32°C/ 27°C	31°C/ 26°C
<b>Summary</b>	Rain	Rain	Rain
<b>Sun Rise/Set</b>	5h42m06s/18h26m24s	5h42m24s/18h25m24s	5h42m42s/18h24m24s
<b>Day Length</b>	12h44m18s	12h43m00s	12h41m42s
<b>Moon Rise/Set</b>	10:51AM 10:30PM	11:53AM 11:16PM	- -
<b>Moon Phase/illu</b>	Waxing Crescent, 40%	First Quarter, 52%	Waxing Gibbous, 0%
<b>Nautical Twilight</b>	04:51, 19:16	04:52, 19:15	04:53, 19:14
<b>Civil Twilight</b>	05:18, 18:49	05:19, 18:49	05:20, 18:48
<b>Humidity</b>	D : 81% N : 90%	D : 81% N : 88%	D : 83% N : 88%
<b>Barometer (mb)</b>	1004	1003	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	80%
<b>Wind (mph)</b>	7 km/h NE	13 km/h NE	21 km/h ESE

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



# SATELLITE VIEW OF BAY OF BENGAL



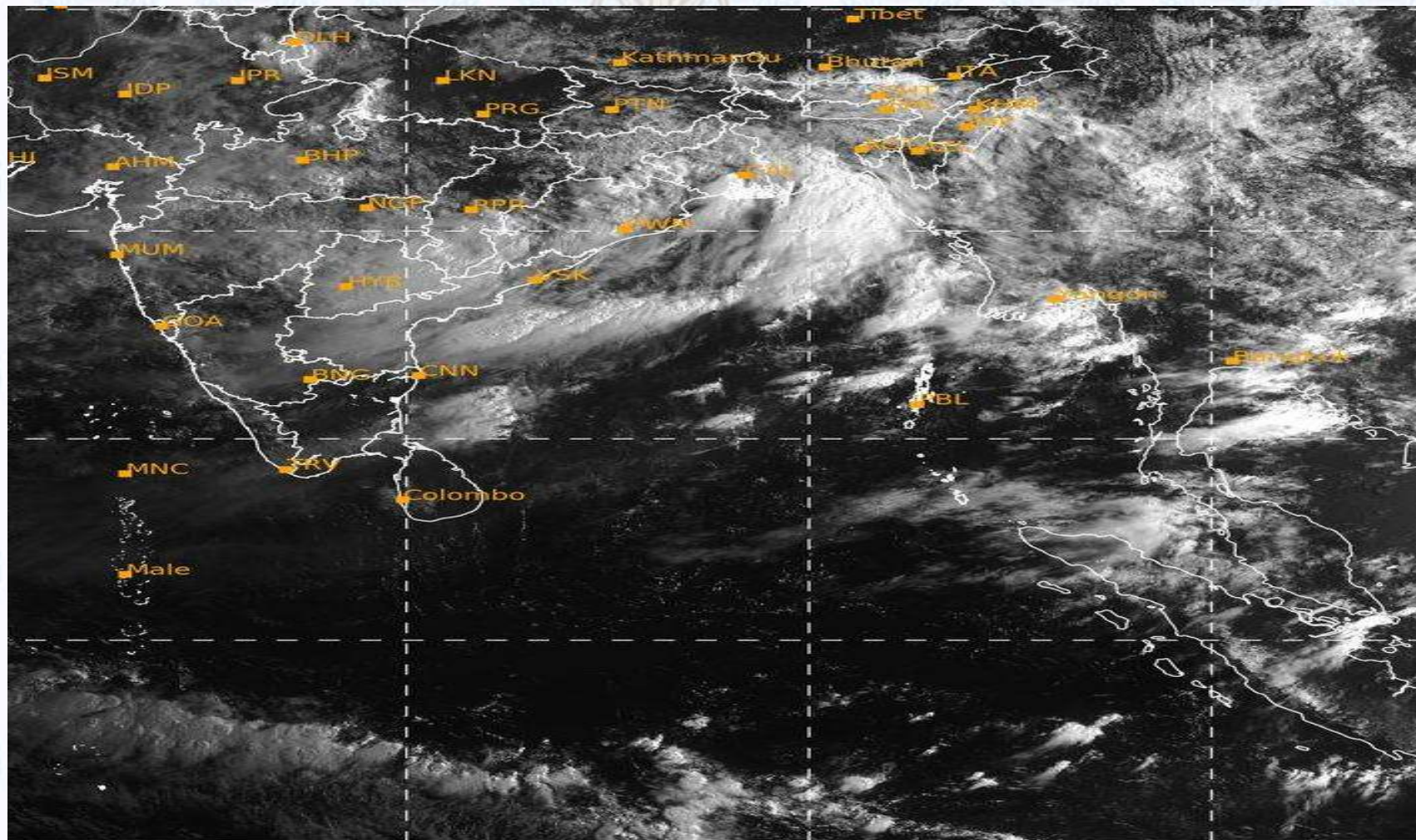
**23/08/2020, 11:00 UTC MATSAT-IR**

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





# SATELLITE VIEW OF BAY OF BENGAL



23/08/2020, 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 23.08.2020)

<b>Part One</b>	WARNING BAY OF BENGAL..	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY AND DEEP CONVECTION IS TAKING PLACE OVER NORTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	<b>SOUTH/SOUTH-WESTERLY 12-18 KTS,</b> 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 = 0000 UTC. CHATTOGRAM =1008 HPA



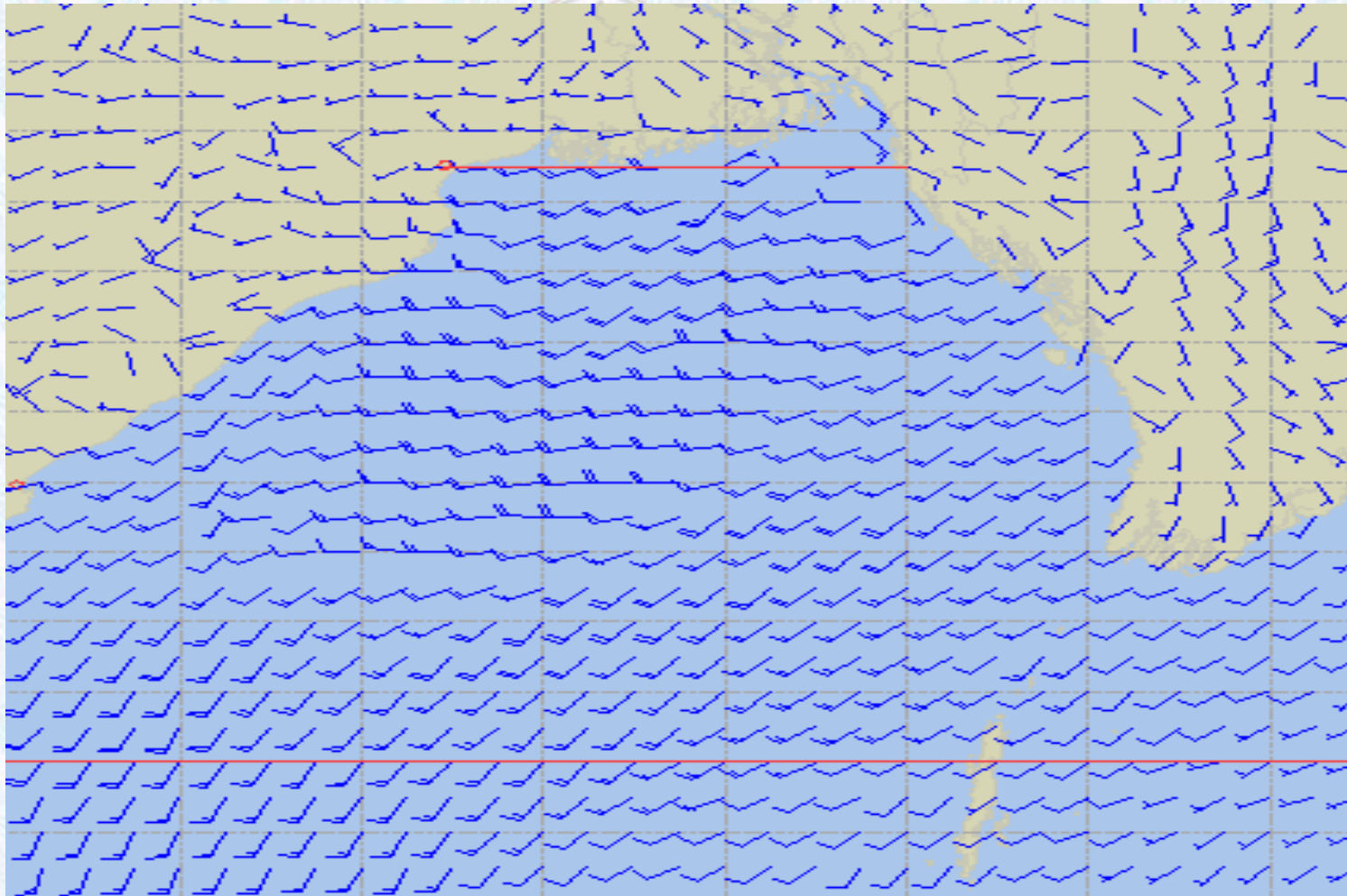
# **Inland River Port Warning** **(VALID TILL 06 PM OF 23.08.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, 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- 24 Aug- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



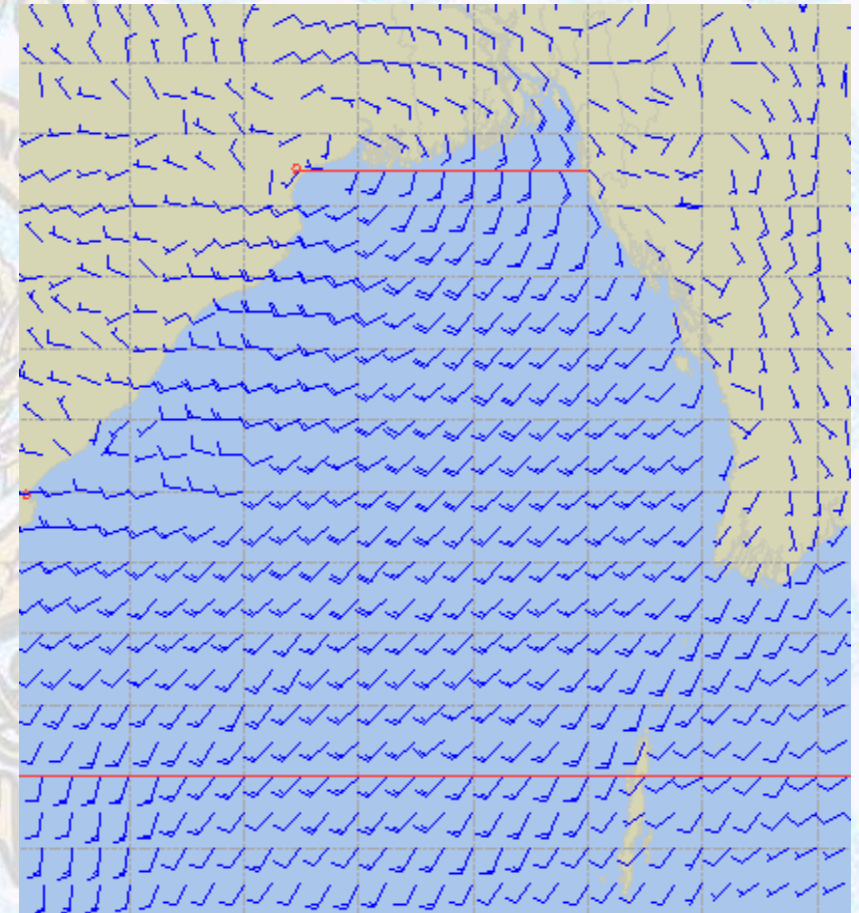
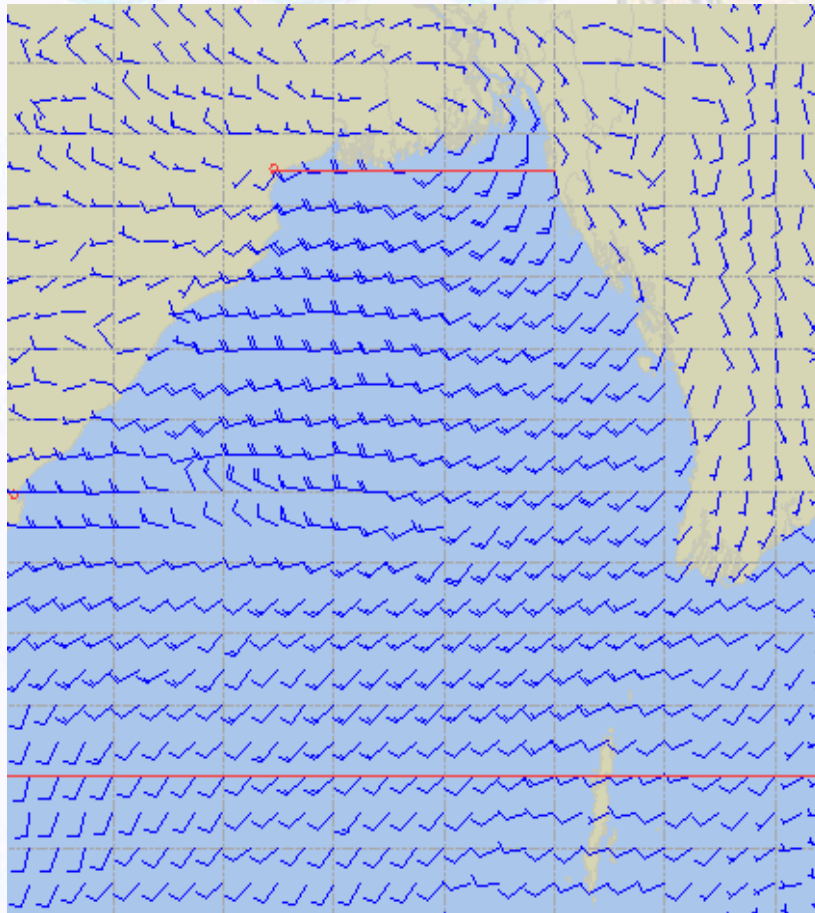
**60 Knots**



# Surface Wind Forecast – 25 & 26 Aug - 2020

25 August 20 Tuesday

26 August 20 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



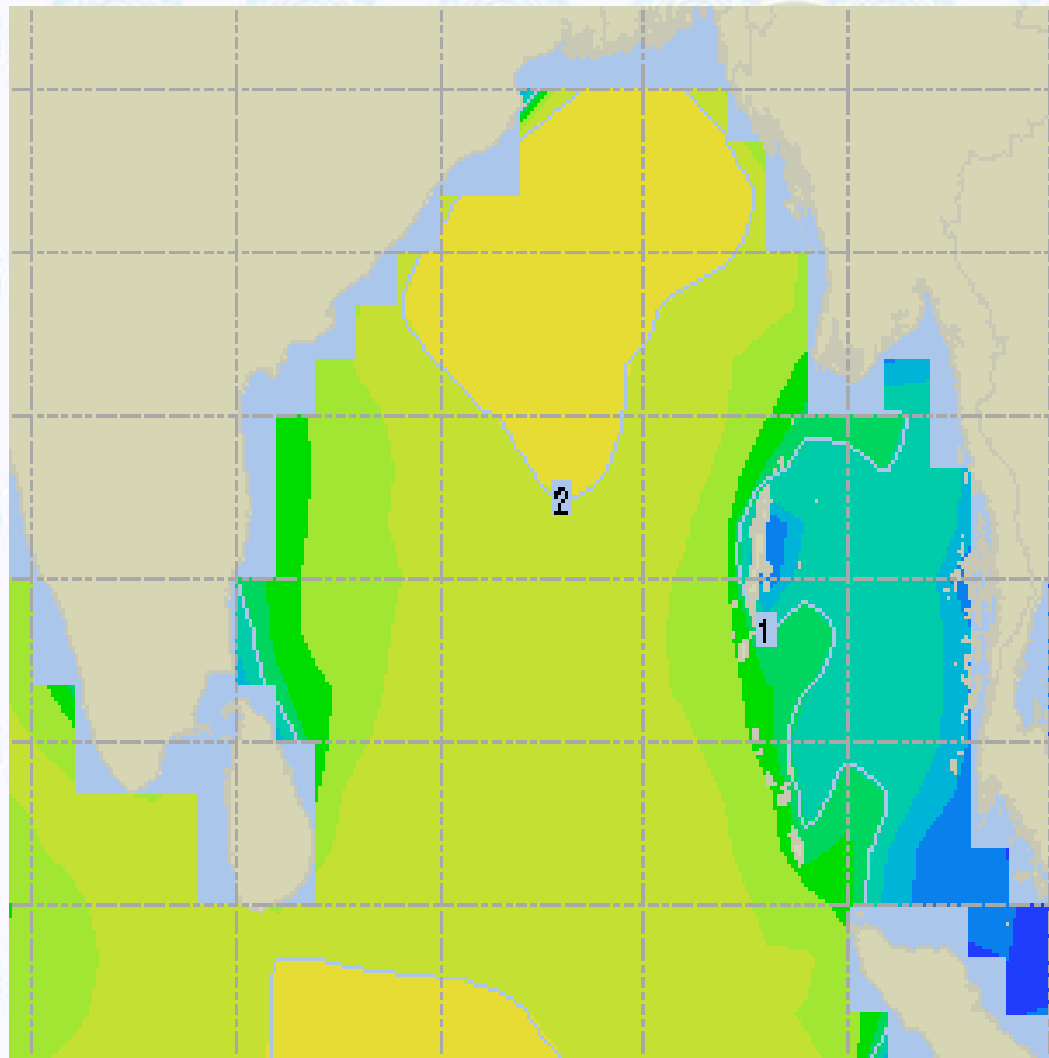
**10 Knots**



**60 Knots**



# Sea State Forecast – 24 Aug- 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

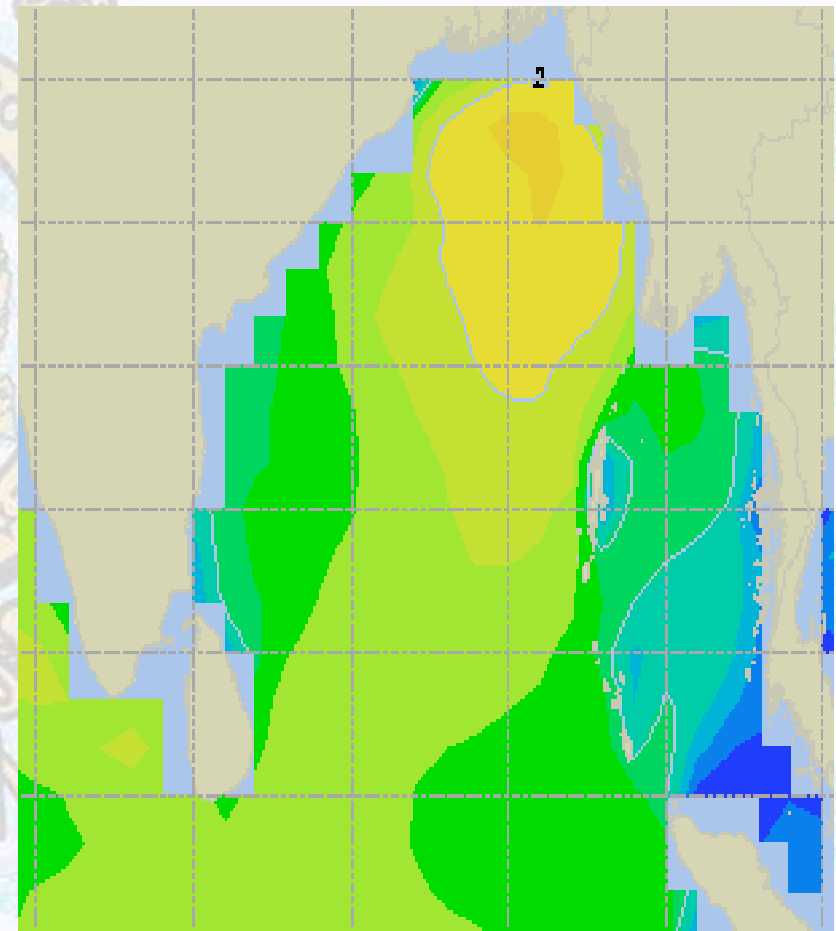
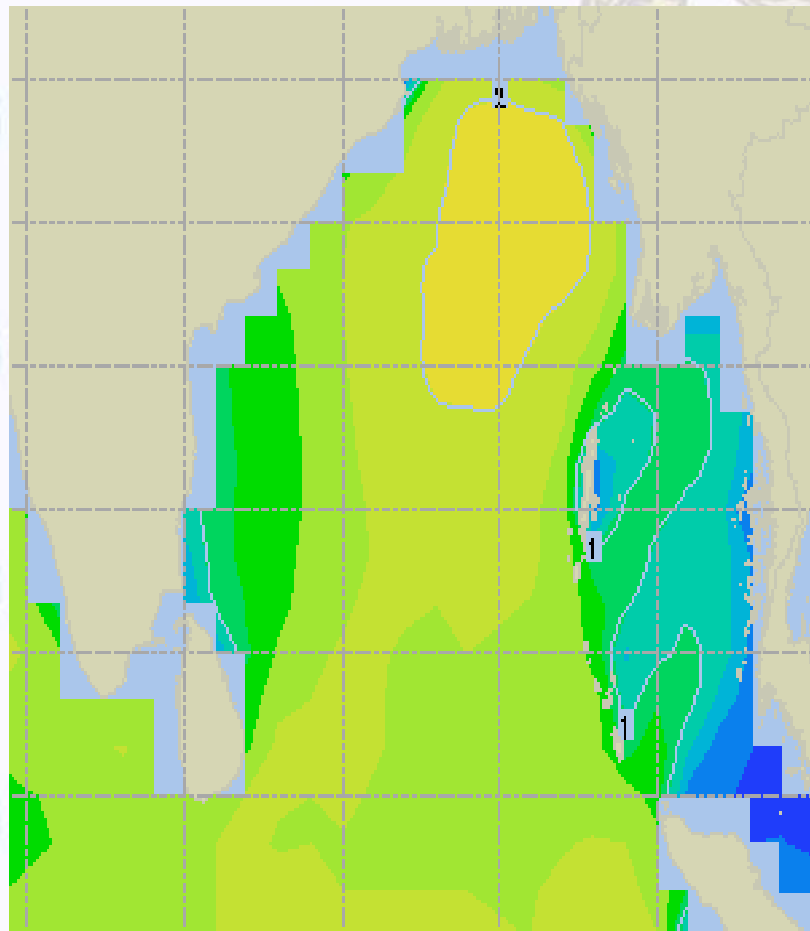




# Sea State Forecast – 25 & 26 Aug - 2020

25 August 20 Tuesday

26 August 20 Wednesday

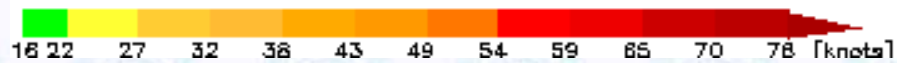
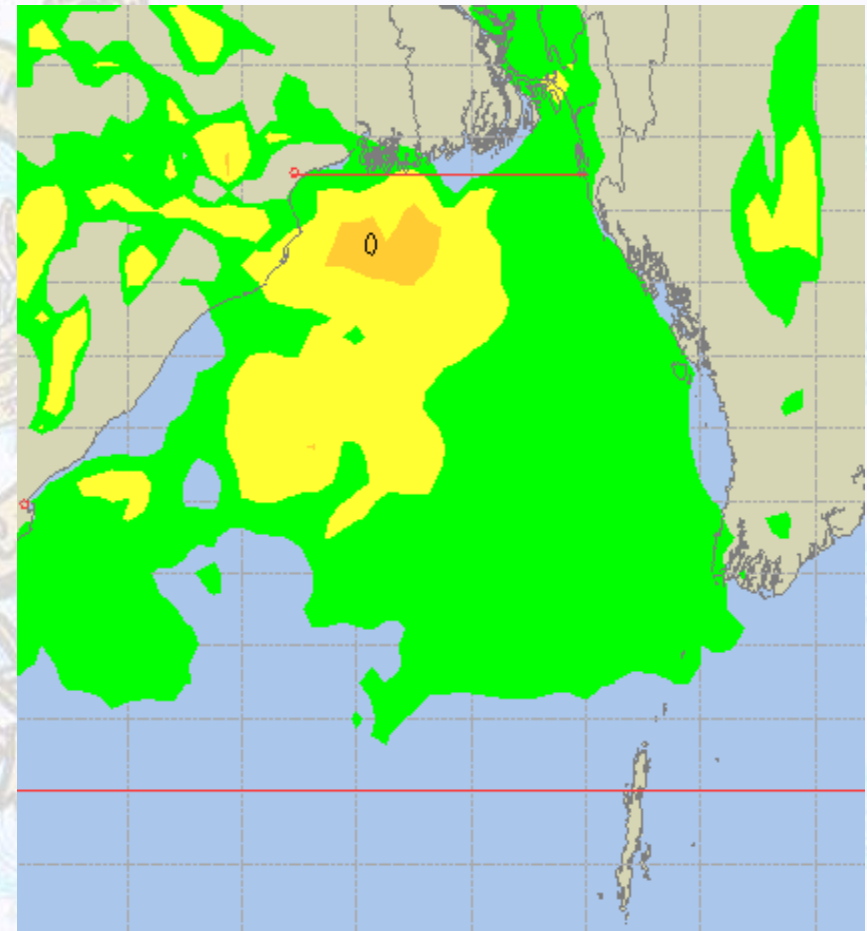
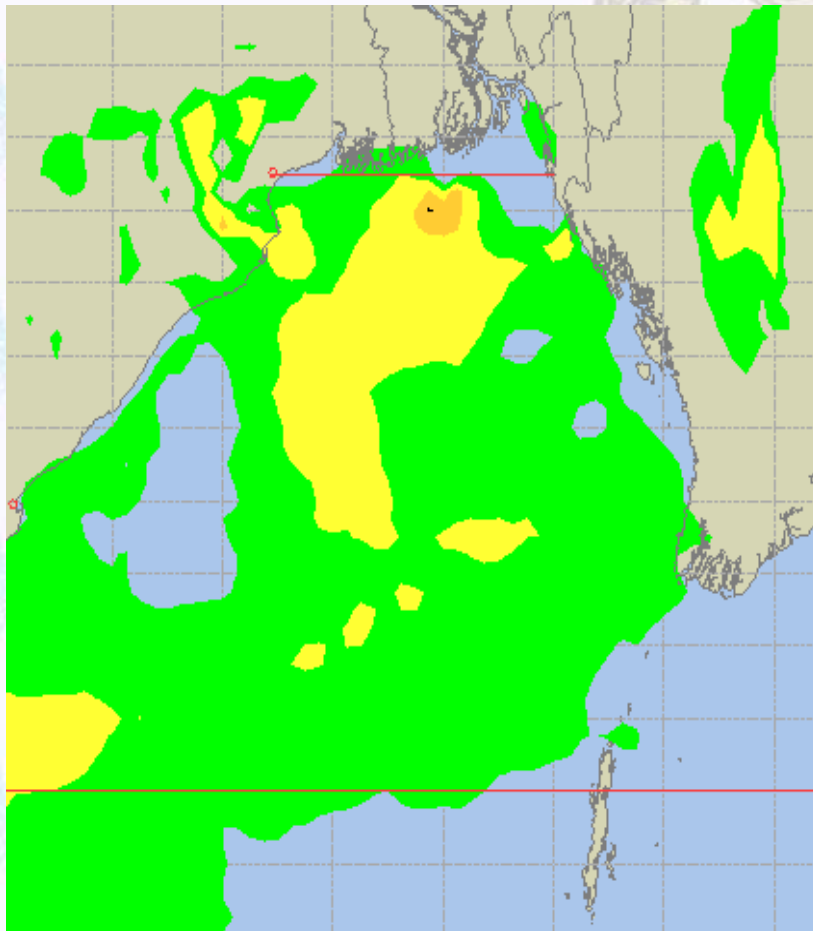




# Peak Gusting Possibilities– 24 & 25 Aug 2020

24 August 20 Monday

25 August 20 Tuesday



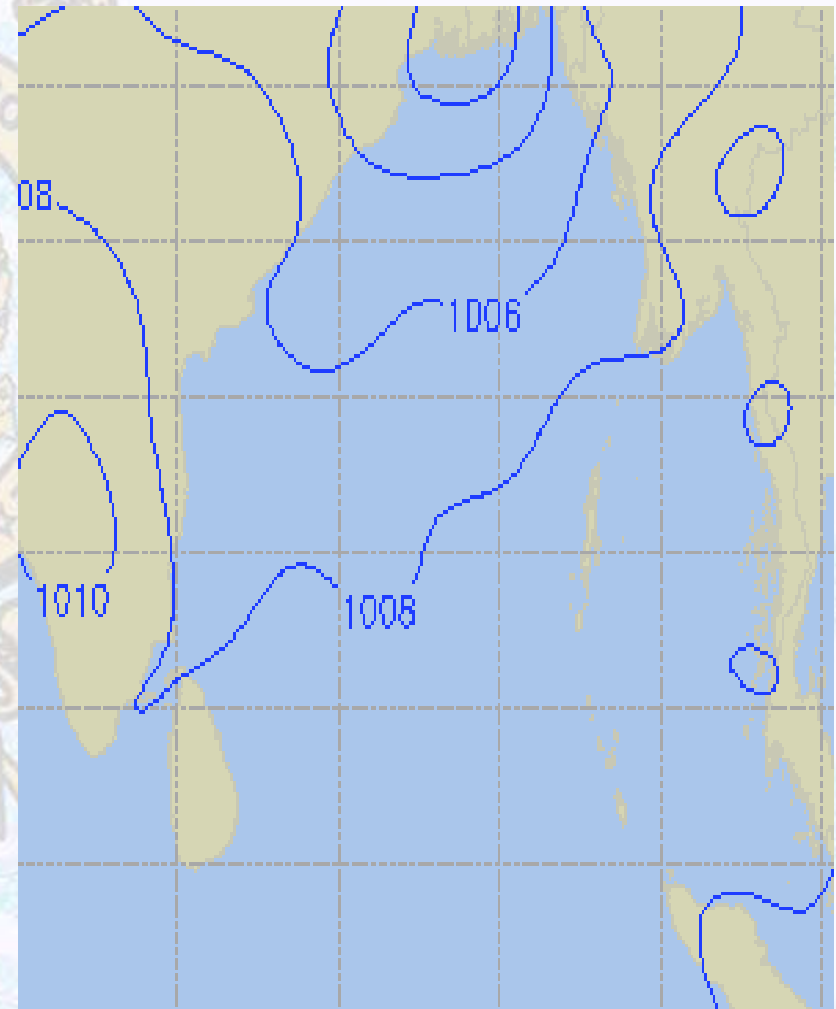
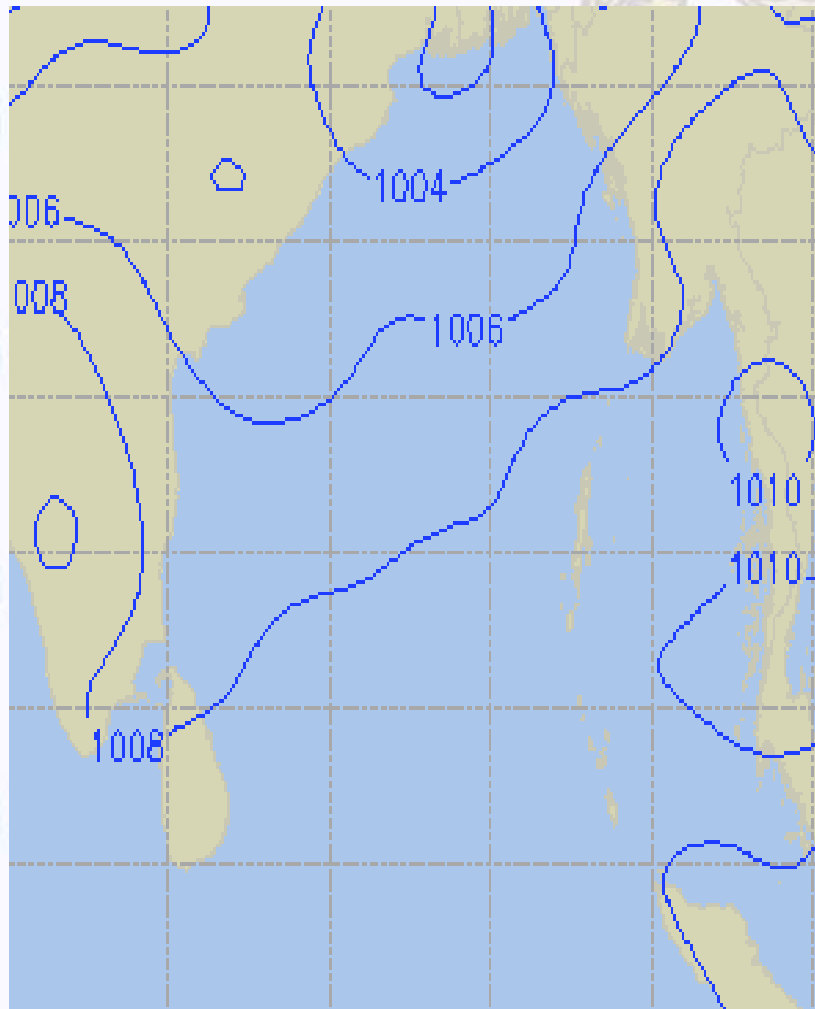




# Surface Pressure forecast– 24 & 25 Aug 2020

24 August 20 Monday

25 August 20 Tuesday

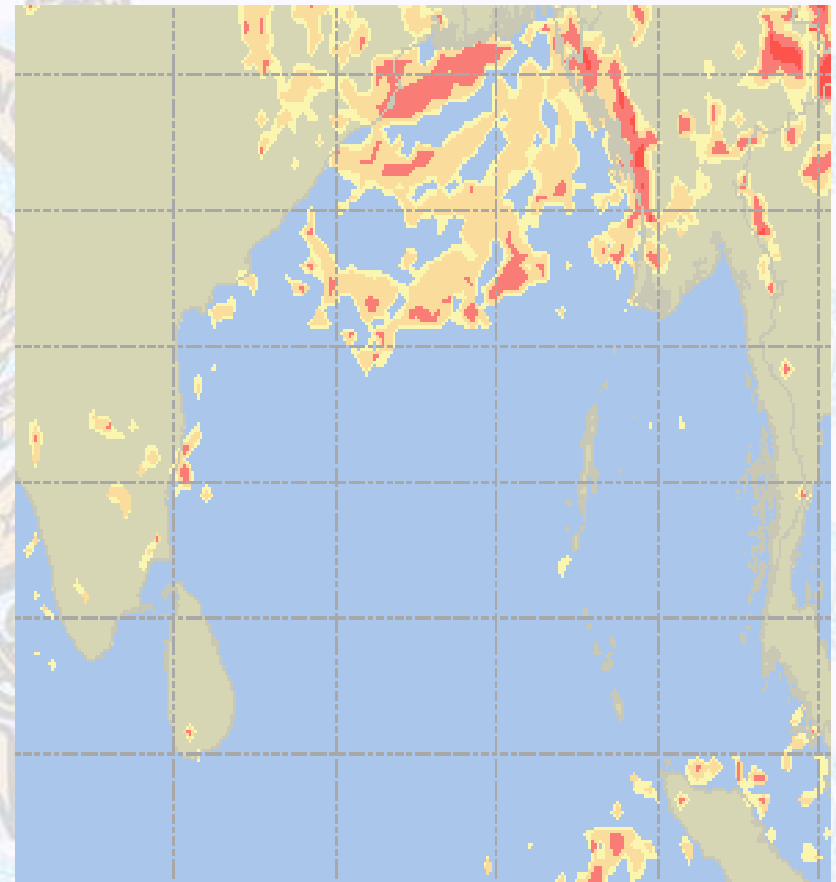
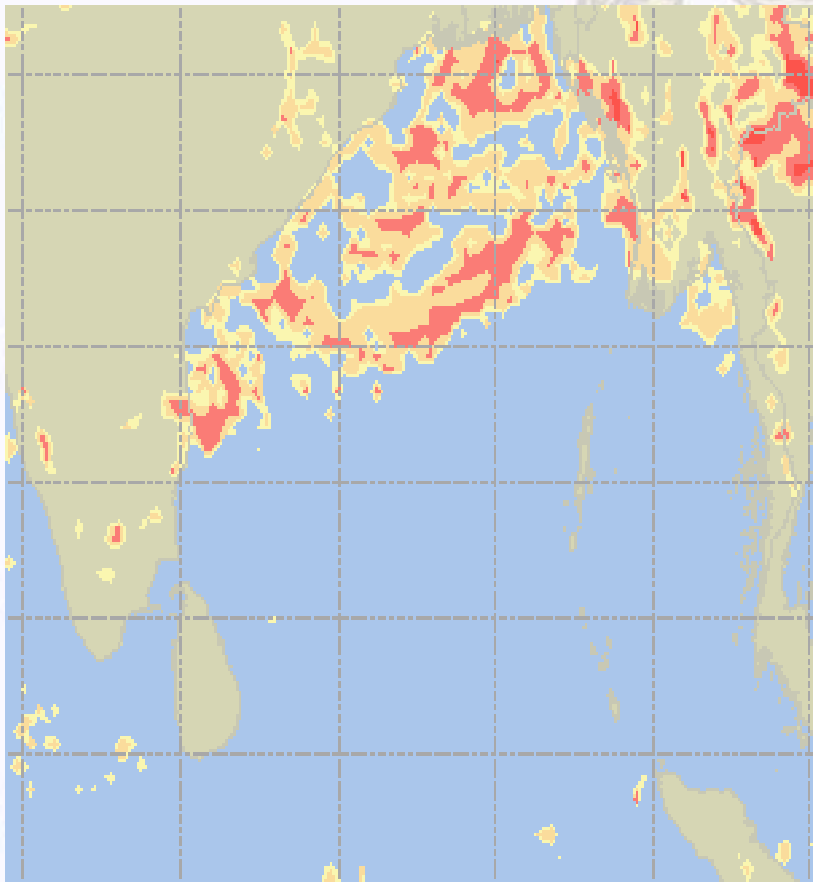




# Visibility at Sea Forecast – 24 & 25 Aug 2020

24 August 20 Monday

25 August 20 Tuesday



**Visibility Scale:**

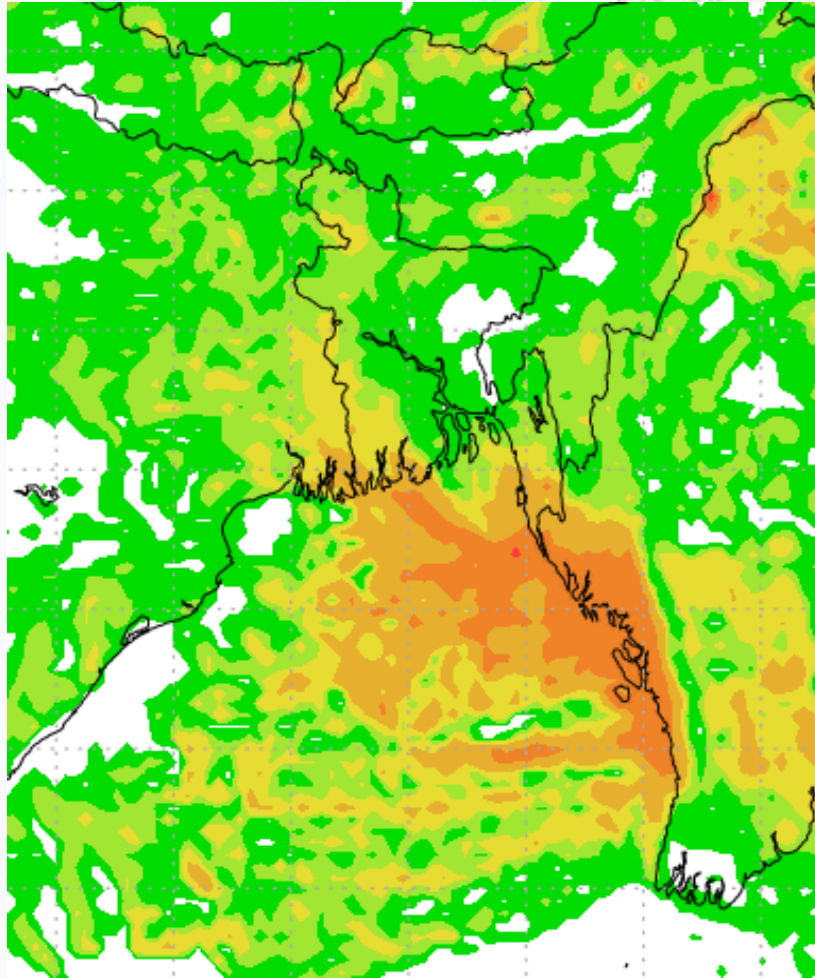


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

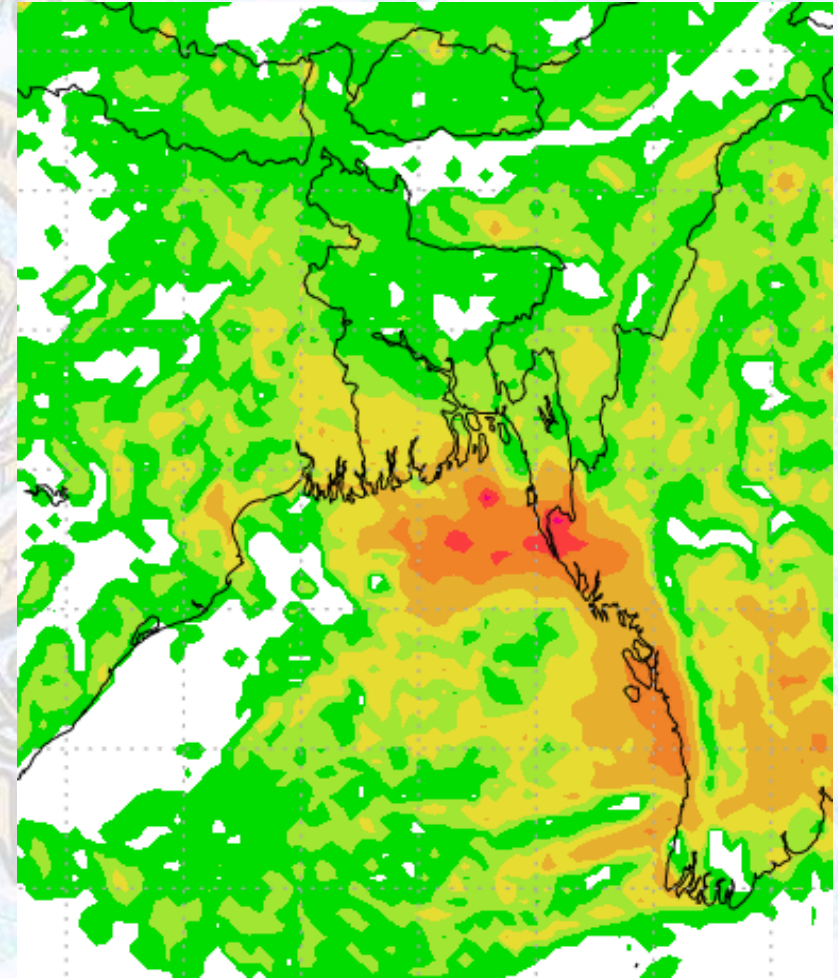


# Precipitation

Rain(mm) 24 & 25 Aug 2020



Rain(mm) 25 & 26 Aug 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0418		5.24			0153	3.51
24 Aug 2020	1049	0.85		0833	1.01		0801	1.07
	1640	5.05		1418	3.46		1355	3.13
	2313	0.83		2056	1.08		2021	1.00
25 Aug 2020	Time	Height		Time	Height		Time	Height
	0515	5.00		0245	3.31		0232	3.11
	1145	1.09		0923	1.15		0850	1.30
	1742	4.65		1512	3.18		1443	2.89
	-	-		2148	1.23		2109	1.22
26 Aug 2020	Time	Height		Time	Height		Time	Height
	0010	1.12		0344	3.11		0330	2.93
	0623	4.73		1023	1.30		0953	1.53
	1255	1.35		1615	2.92		1545	2.65
	1859	4.28		2256	1.36		2215	1.44