



# WEATHER FORECAST FOR BN

*06 JULY - 08 JULY 2020*





# WEATHER FORECAST – DHAKA

## 06.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	30 / 26	29 / 25	29 / 25
Wind	24 km/h SSE	24 km/h SSE	20 km/h SE	19 km/h SE
Humidity	76%	77%	77%	81%
Chance of Precip	37%	80%	31%	24%
Cloud Cover	89%	93%	80%	85%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 18 AM 6: 50 PM			

### Conditions

Pressure : 1000 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 06.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	30 / 27	28 / 26	27 / 26
Wind	26 km/h SSE	26 km/h SSE	22 km/h SSE	20 km/h SSE
Humidity	84%	86%	90%	58%
Chance of Precip.	18%	24%	62%	95%
Cloud Cover	87%	89%	88%	85%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 15 AM 6: 42 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 08.05 Km

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



# WEATHER FORECAST – KHULNA

## 06.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 28	29 / 27	28 / 27
Wind	21 km/h SSE	21 km/h SSE	14 km/h SSE	12 km/h SE
Humidity	85%	86%	89%	90%
Chance of Precip.	51%	24%	40%	44%
Cloud Cover	85%	83%	85%	82%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 24 AM 6: 52 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 12.87 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	07 July 2020	08 July 2020	09 July 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	32 °C/ 27 °C	31 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h16m36s/18h50m24s	5h17m06s/18h50m12s	5h17m36s/18h49m54s
<b>Day Length</b>	13h33m48s	13h33m06s	13h32m15s
<b>Moon Rise/ Set</b>	8:48 PM 7:02 AM	9:30 PM 8:00 AM	9:30 PM 8:00 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 89%	Waning Gibbous, 89%
<b>NauticalTwilight</b>	0421,1944	0421,1943	0421,1943
<b>Civil Twilight</b>	0451,1914	0452,1915	0452,1915
<b>Humidity</b>	D : 76% N : 83%	D : 76% N : 83%	D : 78% N : 83%
<b>Barometer (mb)</b>	1002	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	60%	80%	90%
<b>Wind (mph)</b>	22 Km/h SSE	14 Km/h S	15 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	07 July 2020	08 July 2020	09 July 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °C/ 26 °C	30 °C/ 26 °C
<b>Summary</b>	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
<b>Sun Rise/Set</b>	5h14m00s/18h41m30s	5h14m30s/18h41m18s	5h15m00s/18h41m00s
<b>Day Length</b>	13h27m30s	13h26m48s	13h26m08s
<b>Moon Rise/ Set</b>	8:40 PM 6:59 AM	9:22 PM 7:56 AM	9:22 PM 7:56 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 94%	Waning Gibbous, 89%	Waning Gibbous, 89%
<b>NauticalTwilight</b>	0419, 1935	0419, 1934	0419, 1934
<b>Civil Twilight</b>	0449, 1905	0450, 1905	0450, 1905
<b>Humidity</b>	D : 82% N : 92%	D : 86% N : 93%	D : 87% N : 94%
<b>Barometer (mb)</b>	1003	1006	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	50%	60%	80%
<b>Wind (mph)</b>	22 Km/h S	14 Km/h S	16 Km/h S

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





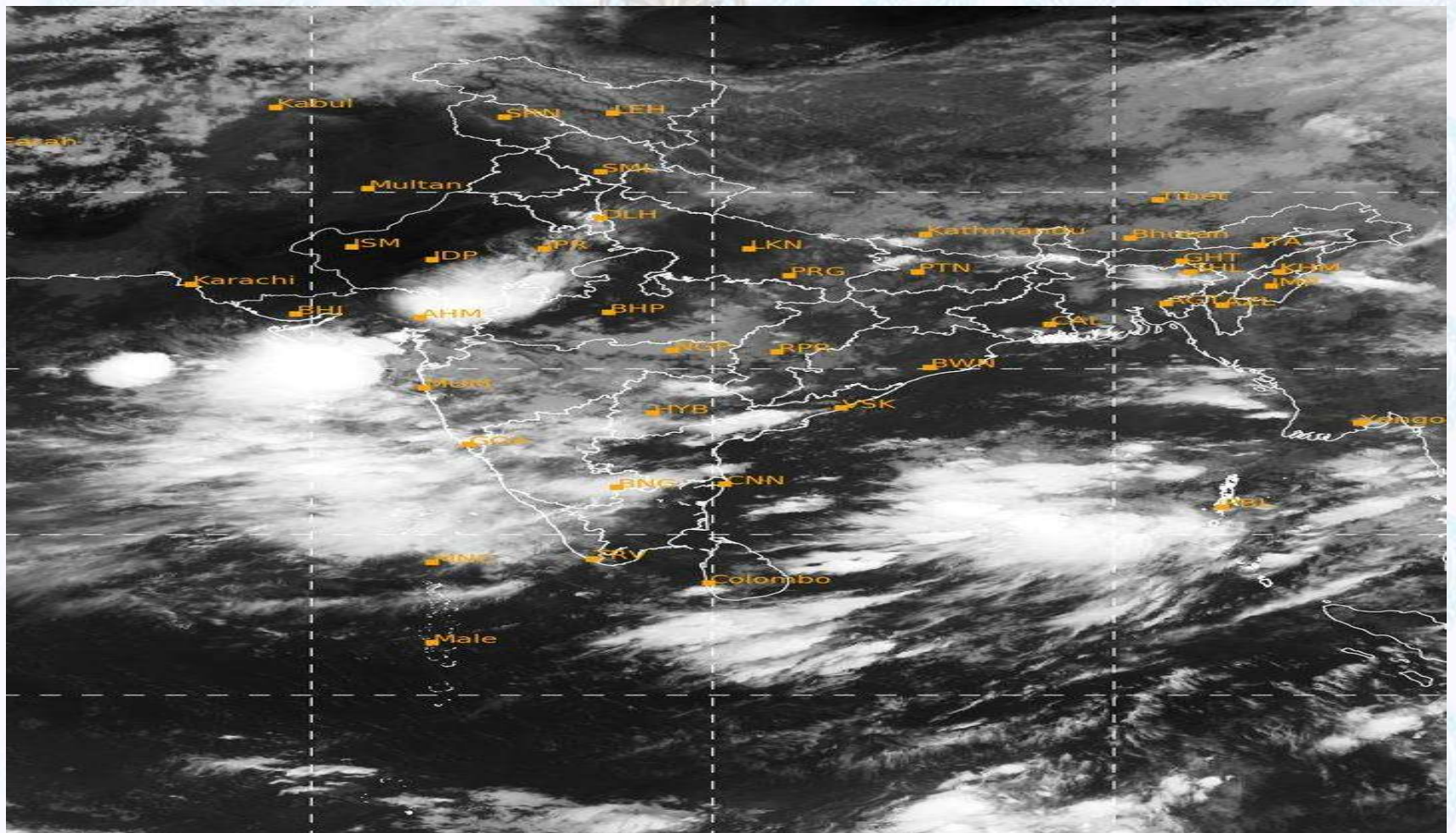
# GENERAL WEATHER FORECAST – KHULNA

Description	07 July 2020	08 July 2020	09 July 2020
<b>Temperature(C)</b>	32°C/ 27°C	32°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h21m30s/18h51m42s	5h22m30s/18h51m30s	5h23m00s/18h51m12s
<b>Day Length</b>	13h29m42s	13h29m00s	13h29m00s
<b>Moon Rise/Set</b>	8:50 PM 7:09 AM	9:32 PM 8:06 AM	9:32 PM 8:06 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 94%	Waning Gibbous, 89%	Waning Gibbous, 89%
<b>Nautical Twilight</b>	0427, 1945	0427, 1944	0427, 1944
<b>Civil Twilight</b>	0457, 1915	0457, 1916	0457, 1916
<b>Humidity</b>	D : 79% N : 86%	D : 79% N : 85%	D : 79% N : 85%
<b>Barometer (mb)</b>	10001	10002	10002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	90%
<b>Wind (mph)</b>	18 km/h SSE	14 km/h SSW	16 km/h SW

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



# SATELLITE VIEW OF BAY OF BENGAL



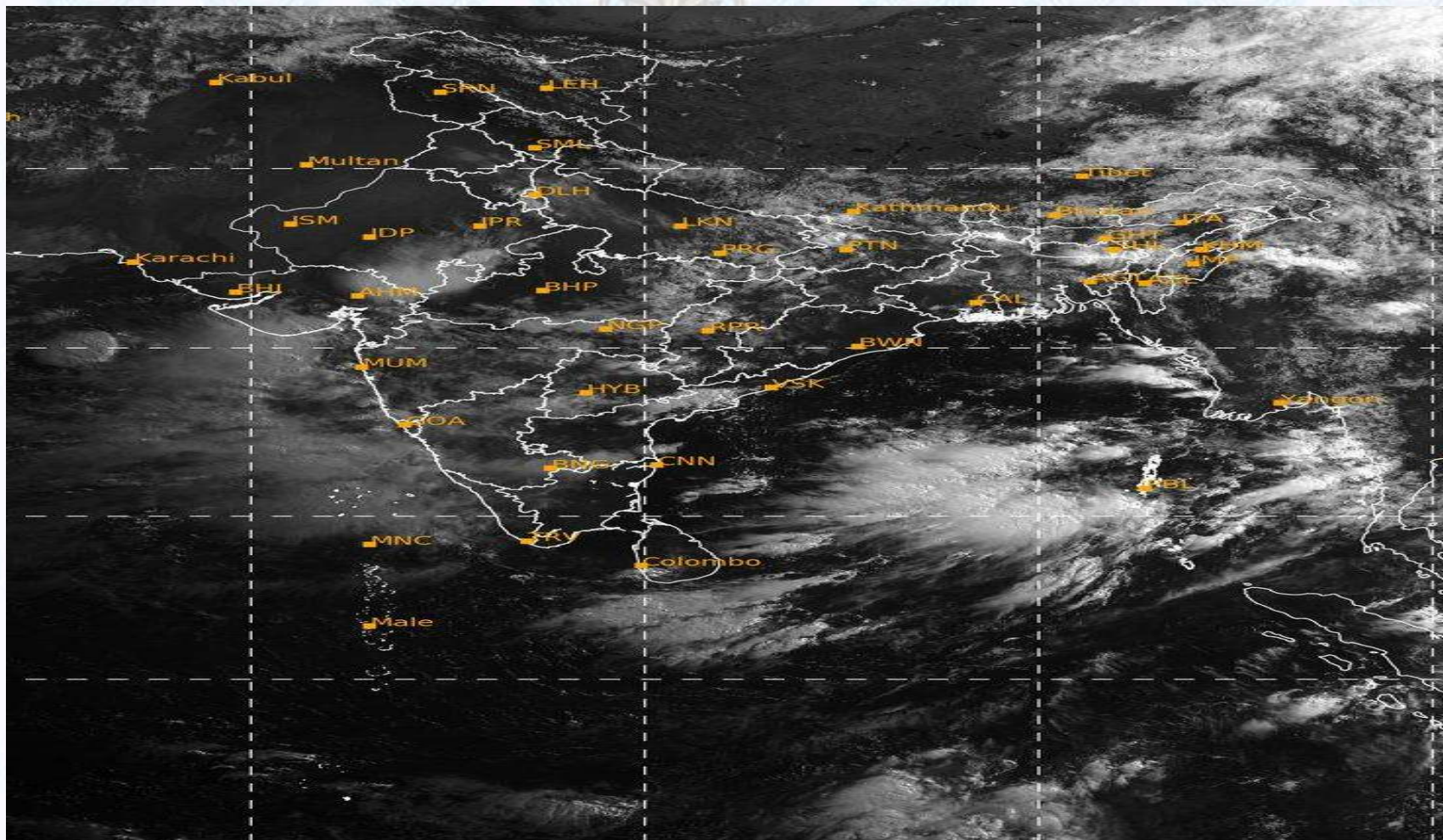
06/07/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



06/07/2020, 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 06.07.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	MONSOON IS STRONG OVER NORTH BAY. DEEP CONVECTION IS TAKING PLACES AND STEEP PRESSURE GRADIENT LIES OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 08-12 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 =30,0000 UTC. CHATTOGRAM =1002 HPA





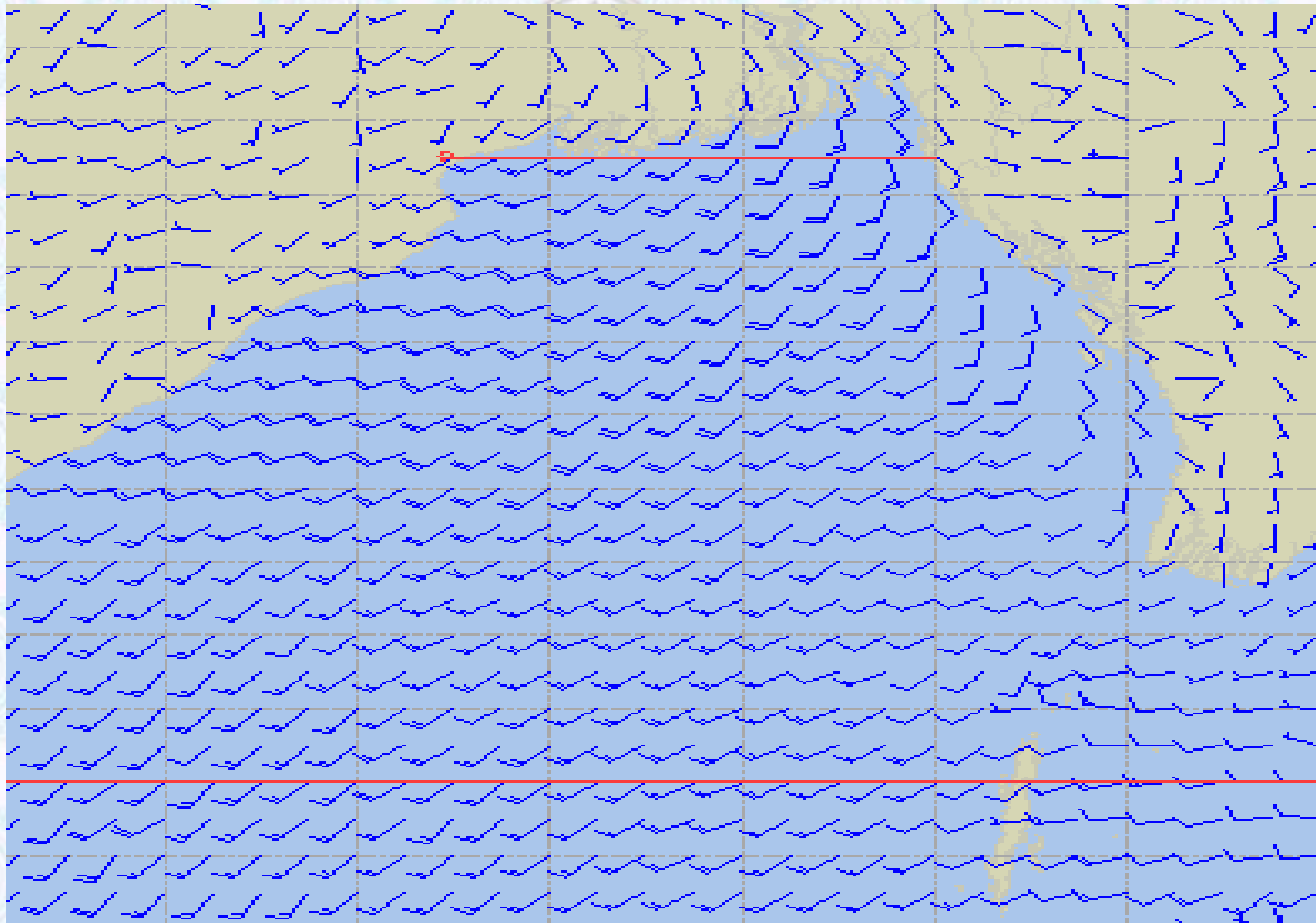
## Inland River Port Warning (VALID TILL 07 PM OF 06.07.2020)

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 RANGPUR, RAJSHAHI, DINAJPUR, PABNA, BOGURA, MYMENSINGH, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, 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- 07 July- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

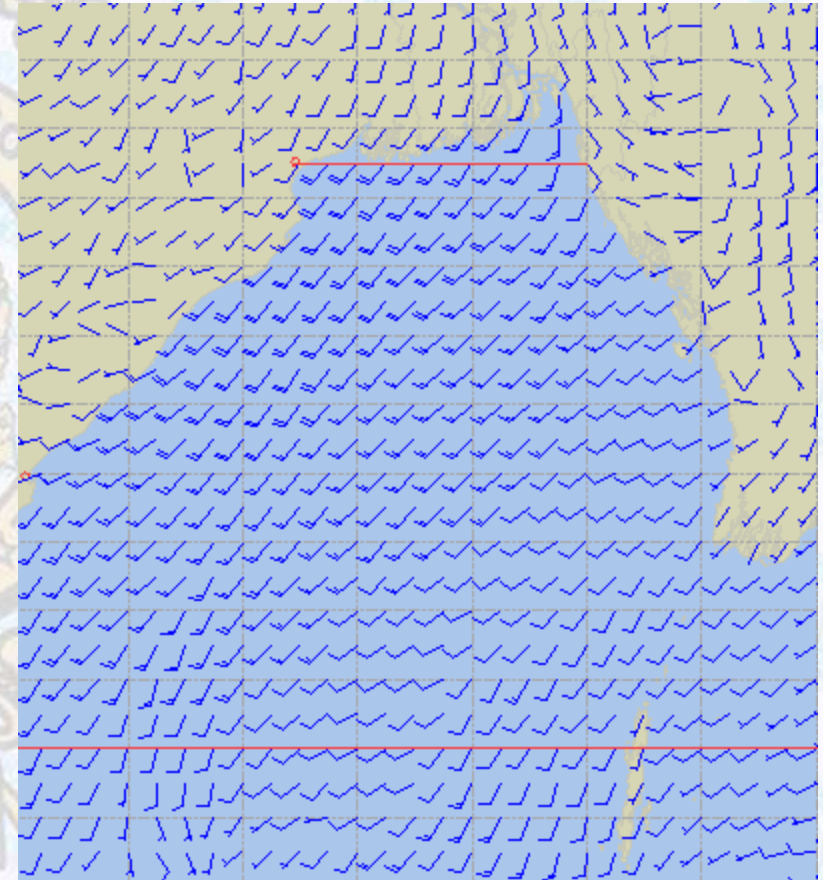
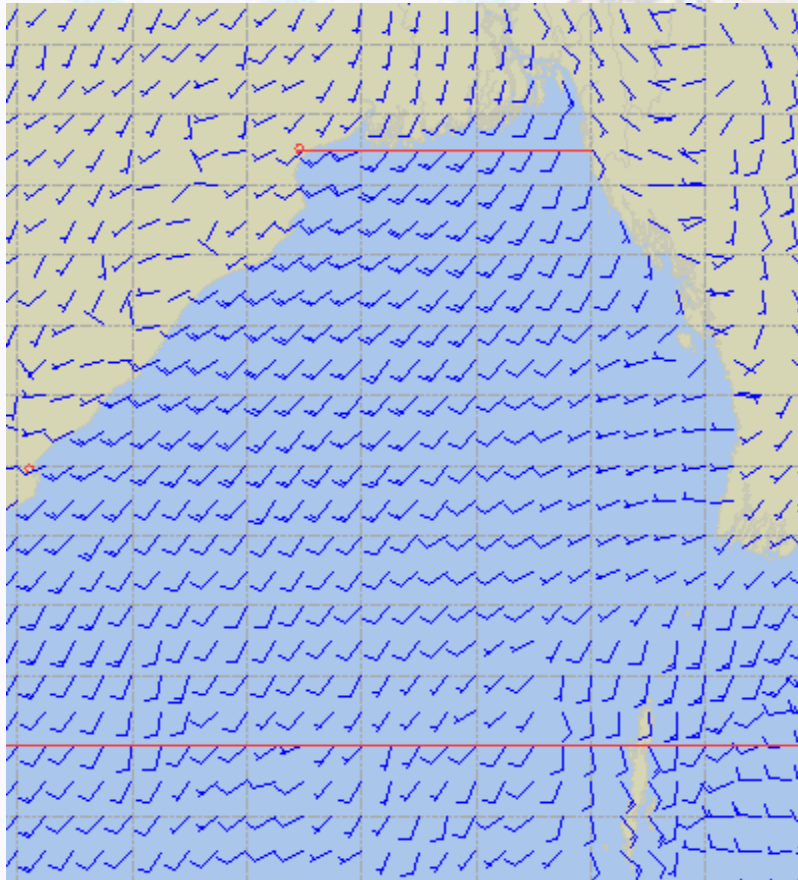




# Surface Wind Forecast – 08 & 09 July - 2020

08 July 2020 Wednesday

09 July 2020 Thursday



**Legend:**



**Calm  
Winds**



**5 Knots**



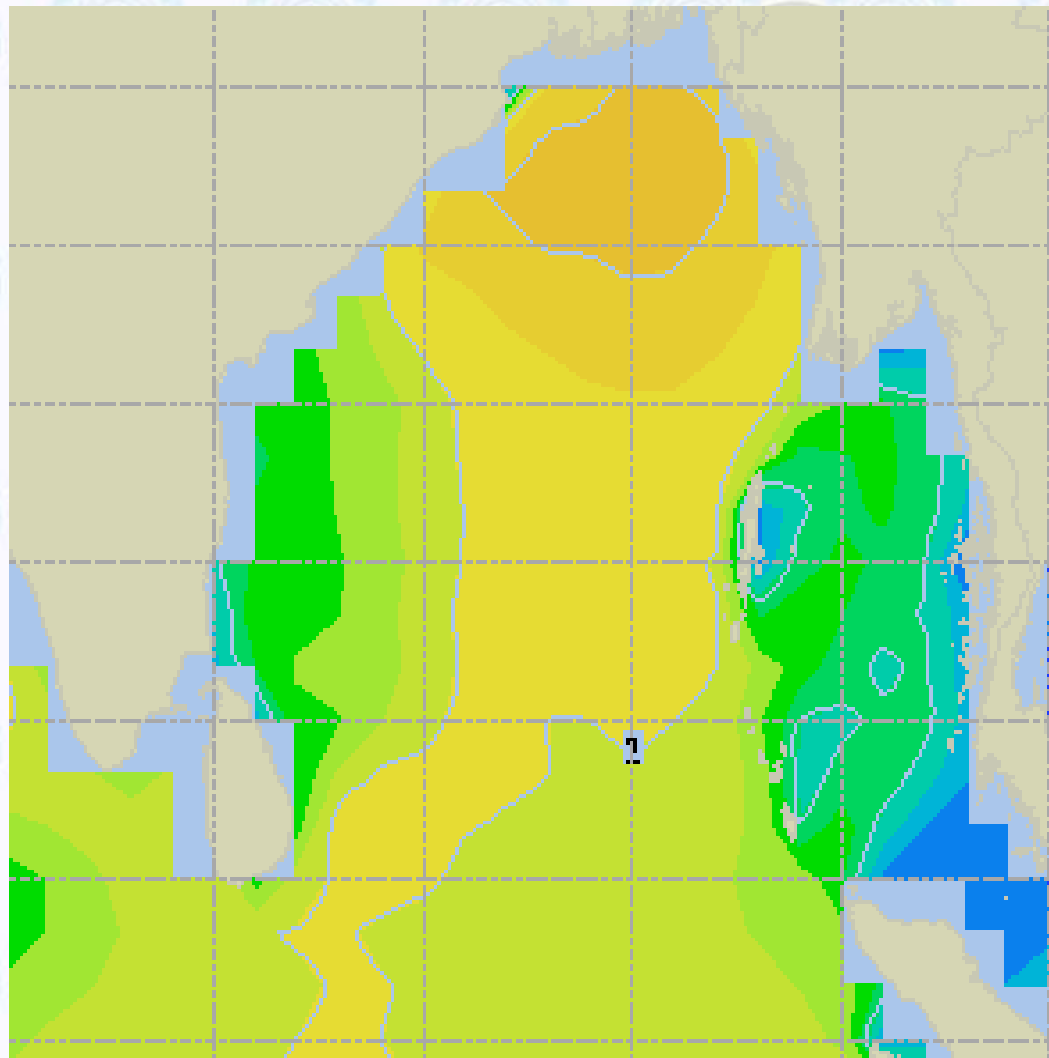
**10 Knots**



**60 Knots**



# Sea State Forecast – 07 July- 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



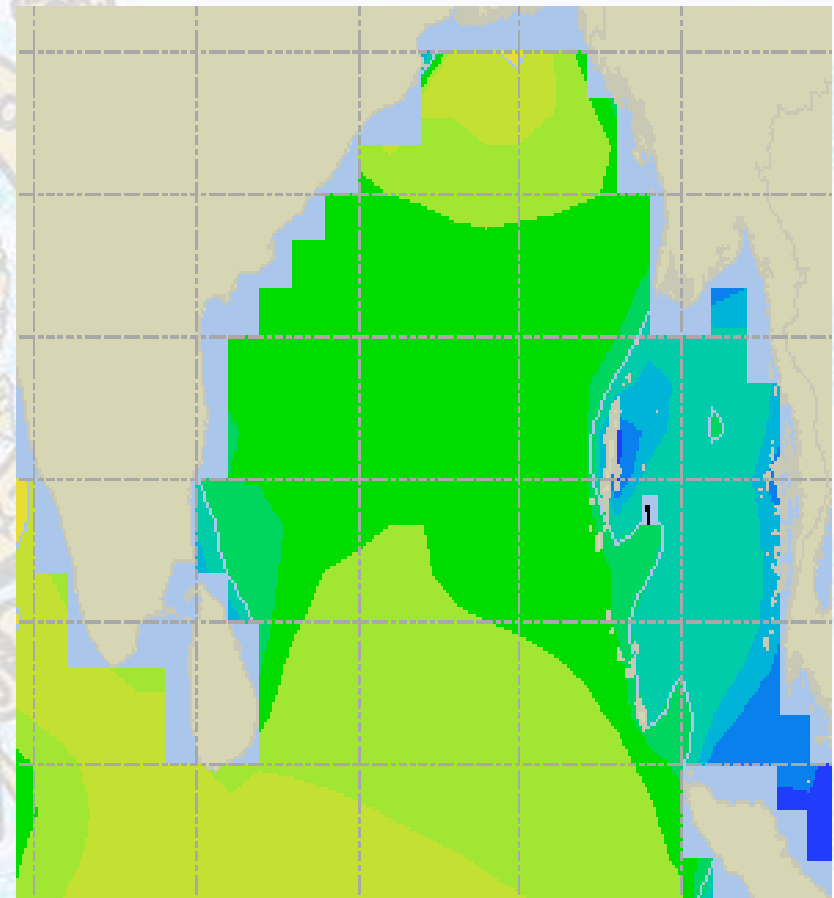
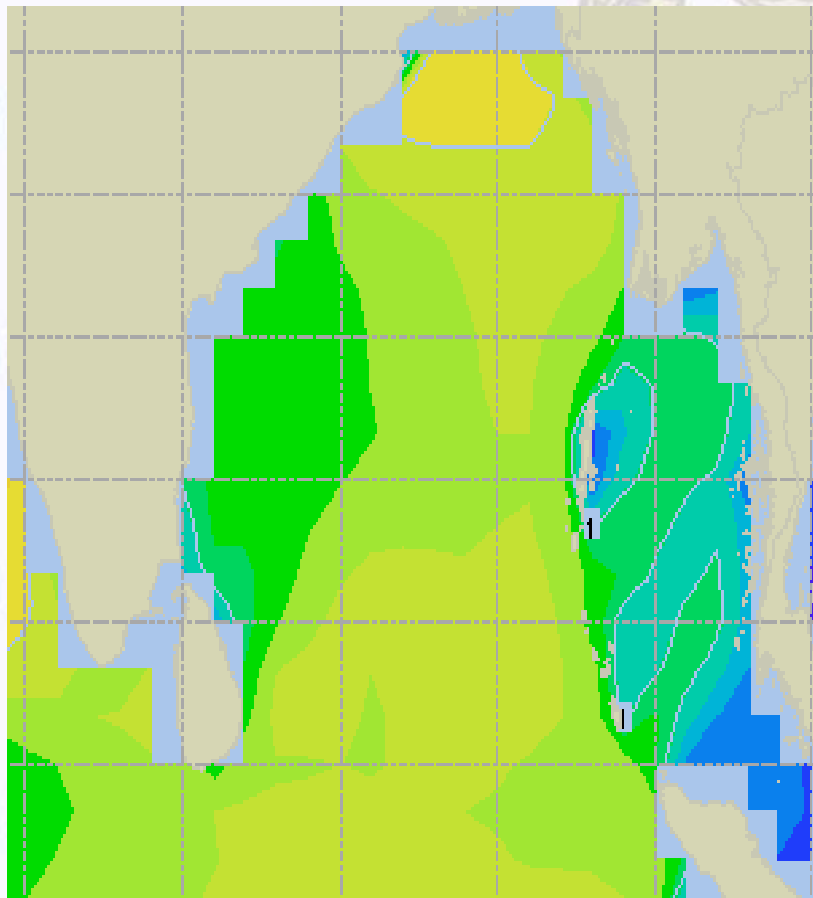




# Sea State Forecast – 08 & 09 July - 2020

08 July 2020 Wednesday

09 July 2020 Thursday

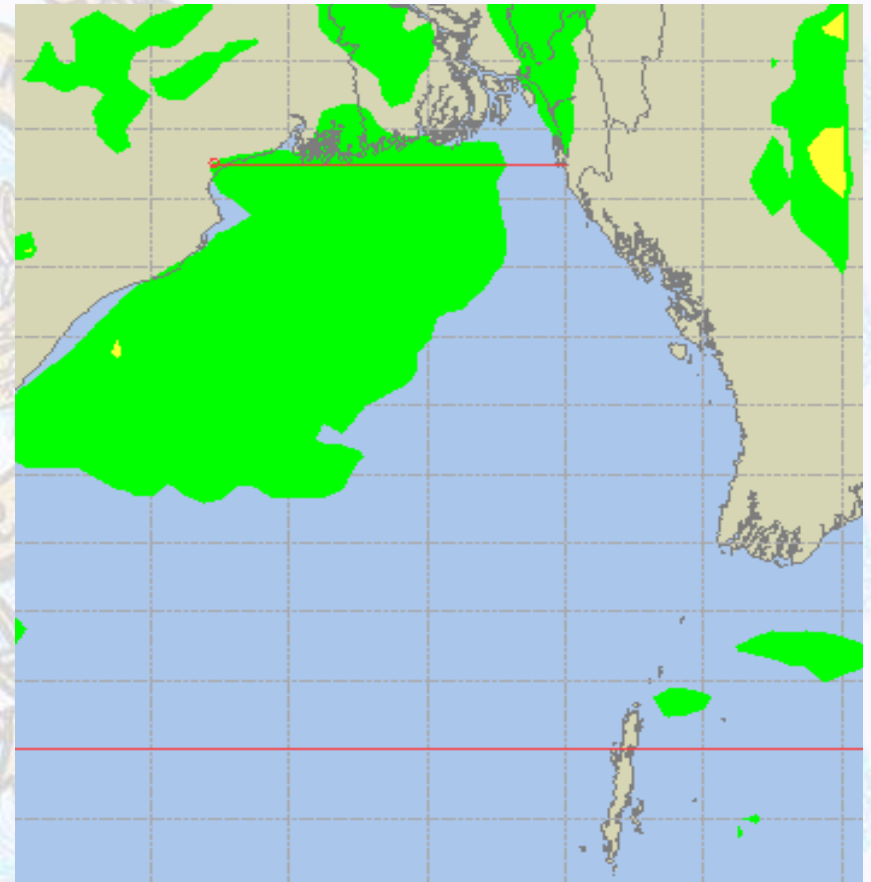
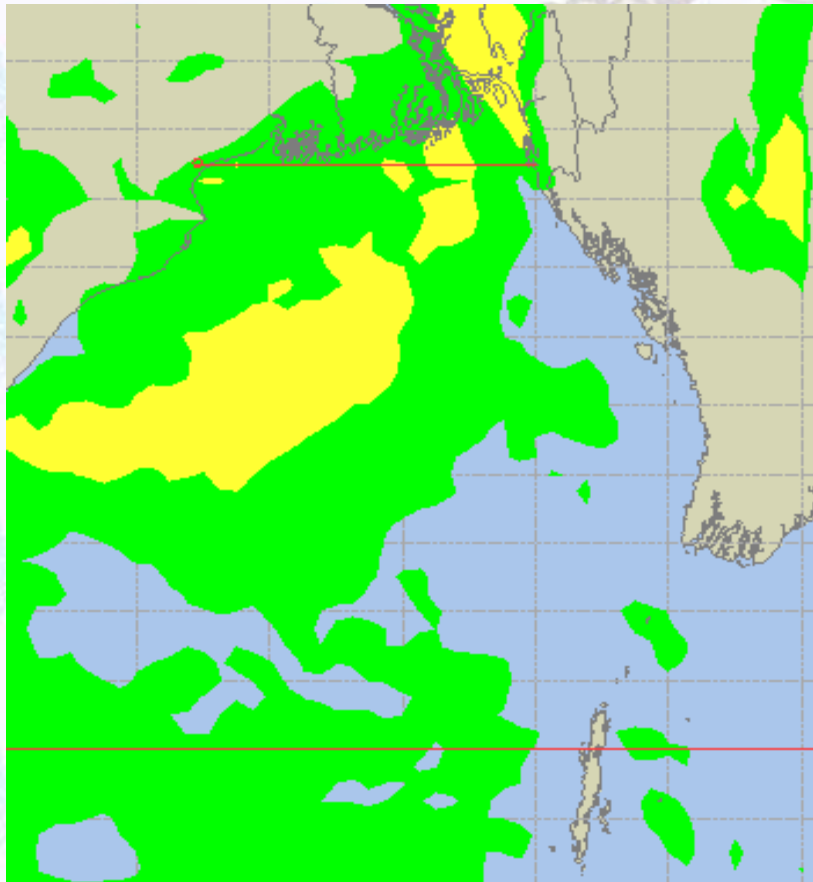




# Peak Gusting Possibilities— 07 & 08 July 2020

07 July 2020 Tuesday

08 July 2020 Wednesday

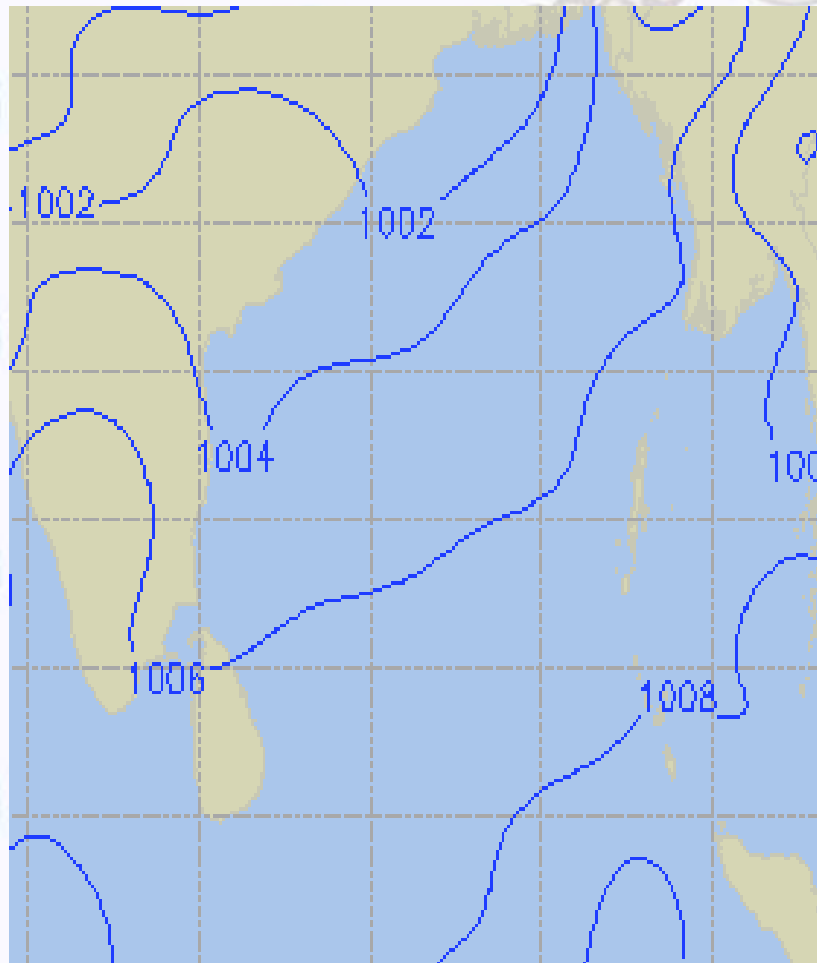




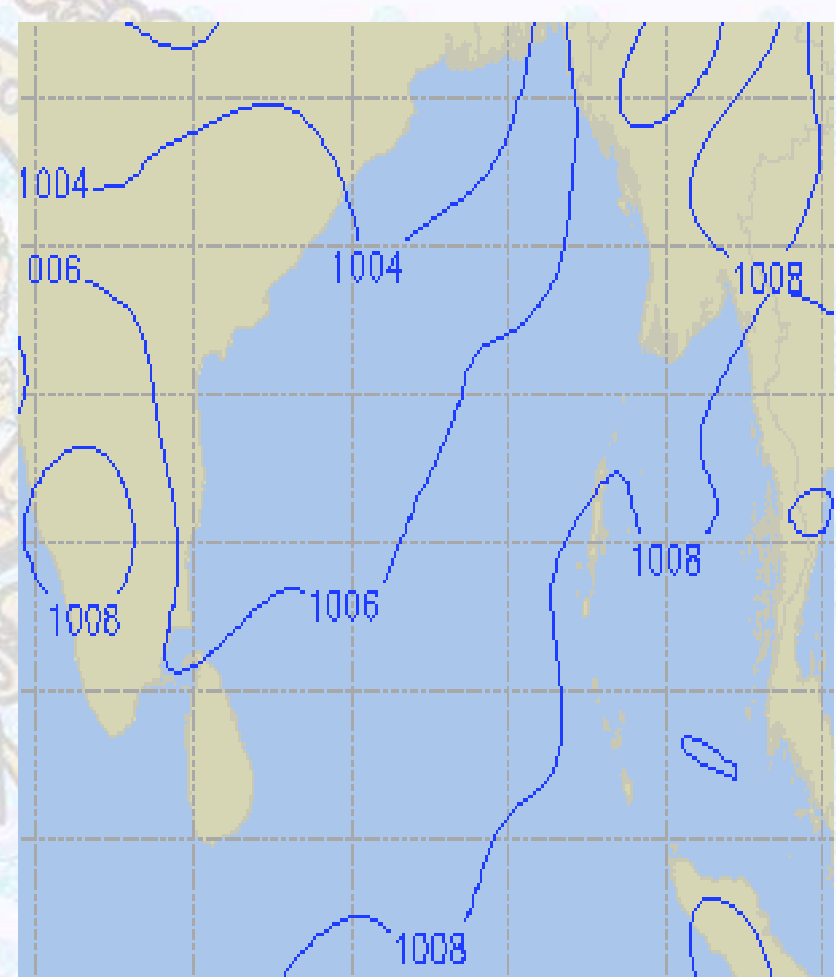


# Surface Pressure forecast— 07 & 08 July 2020

07 July 2020 Tuesday



08 July 2020 Wednesday

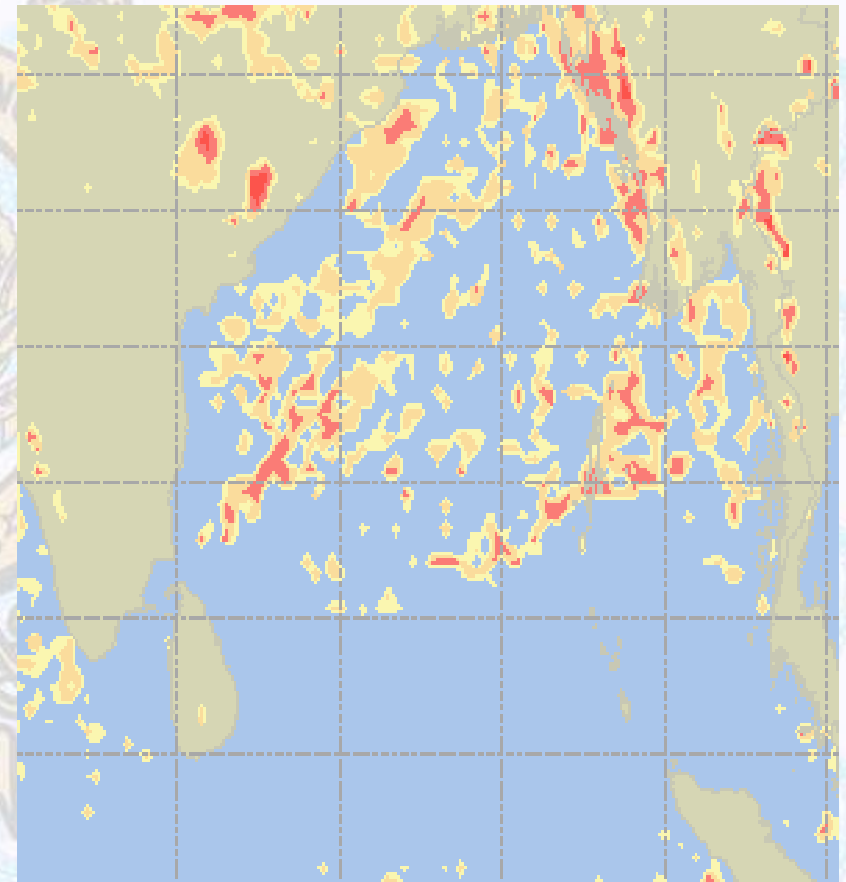
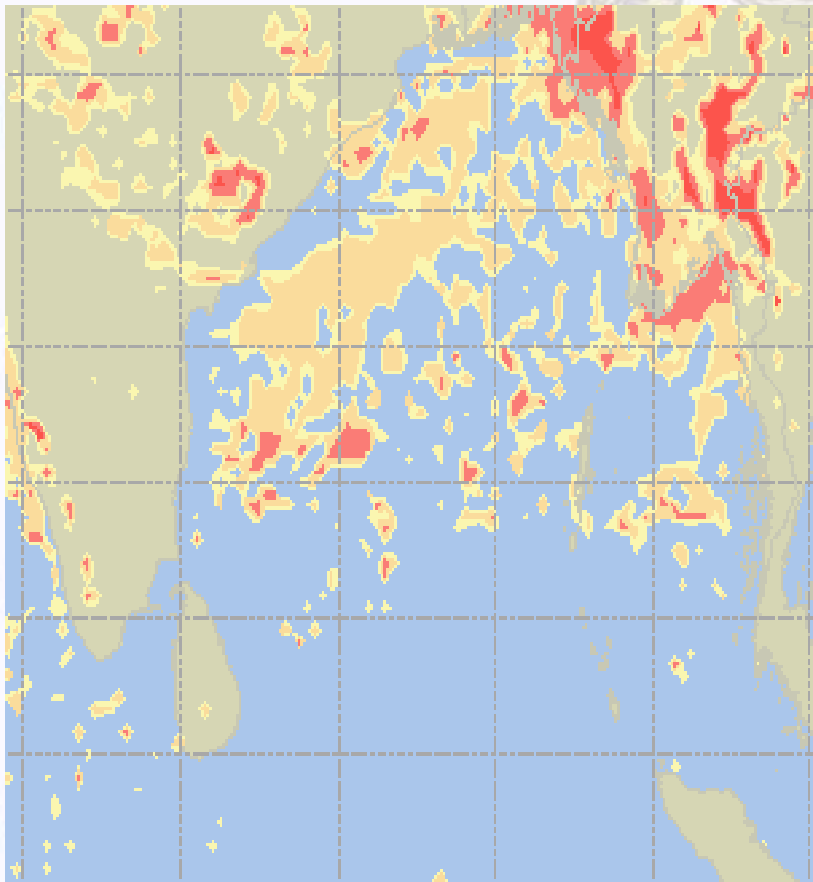




# Visibility at Sea Forecast – 07 & 08 July- 2020

07 July 2020 Tuesday

08 July 2020 Wednesday



**Visibility Scale:**



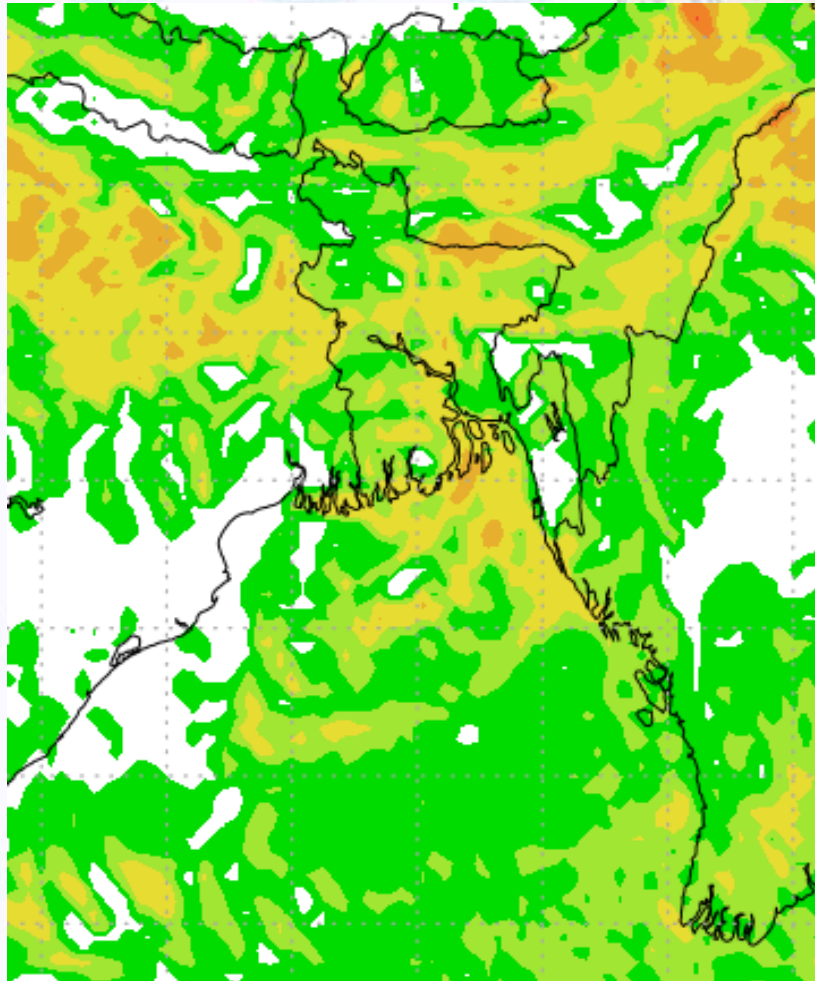
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



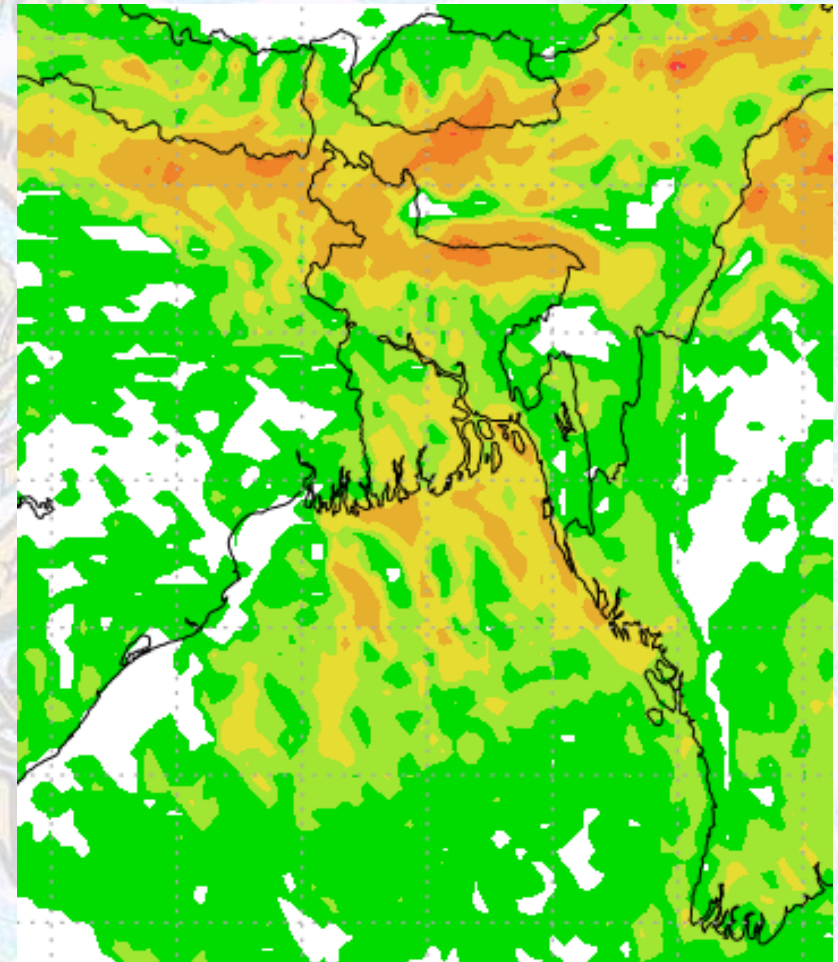


# Precipitation

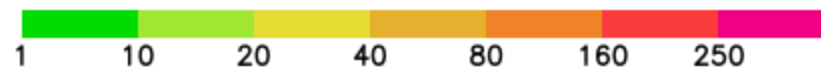
Rain(mm) 07 & 08 July 2020



Rain(mm) 08 & 09 July 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0127		4.96			0535	3.52
06 July 2020	0746	0.85		1117	3.91		1113	3.42
	1339	5.41		1802	1.03		1750	1.11
	2023	0.88		2335	3.52		2335	3.06
	Time	Height		Time	Height		Time	Height
07 July 2020	0204	5.03		0615	0.97		0544	1.07
	0823	0.84		1158	3.87		1149	3.40
	1415	5.45		1841	1.08		1826	1.12
	2100	0.87		-	-		-	-
	Time	Height		Time	Height		Time	Height
08 July 2020	0241	5.07		0015	3.47		0011	3.06
	0859	0.87		0652	1.03		0618	1.12
	1452	5.45		1238	3.78		1222	3.37
	2135	0.87		1917	1.15		1859	1.15