



# WEATHER FORECAST FOR BN

*05 JULY - 08 JULY 2020*





# WEATHER FORECAST – DHAKA

## 05.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	30 / 26	29 / 25	28 / 25
Wind	16 km/h SSE	18 km/h SSE	17 km/h SE	16 km/h SE
Humidity	76%	77%	81%	83%
Chance of Precip	21%	34%	53%	46%
Cloud Cover	89%	93%	92%	90%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 17 AM 6: 50 PM			

### Conditions

Pressure : 1000 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 05.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	29 / 27	28 / 26	27 / 26
Wind	20 km/h SSE	23 km/h SSE	22 km/h SSE	22 km/h SSE
Humidity	91%	89%	90%	92%
Chance of Precip.	59%	24%	93%	95%
Cloud Cover	95%	93%	95%	94%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 14 AM 6: 42 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 08.05 Km

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



# WEATHER FORECAST – KHULNA

## 05.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 28	29 / 27	28 / 27
Wind	16 km/h SSE	17 km/h SSE	13 km/h SSE	11 km/h SSE
Humidity	90%	86%	89%	91%
Chance of Precip.	59%	39%	46%	48%
Cloud Cover	85%	93%	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	06 July 2020	07 July 2020	08 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>	5h16m24s/18h50m24s	5h16m36s/18h50m24s	5h17m06s/18h50m12s
<b>Day Length</b>	13h34m00s	13h33m48s	13h33m06s
<b>Moon Rise/ Set</b>	8:09 PM 6:05 AM	8:48 PM 7:02 AM	9:30 PM 8:00 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 89%
<b>NauticalTwilight</b>	0421,1945	0421,1944	0421,1943
<b>Civil Twilight</b>	0451,1914	0451,1914	0452,1915
<b>Humidity</b>	D : 77% N : 83%	D : 75% N : 83%	D : 76% N : 83%
<b>Barometer (mb)</b>	1000	1002	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	23 Km/h SE	21 Km/h SE	16 Km/h S

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	06 July 2020	07 July 2020	08 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>	5h13m30s/18h41m30s	5h14m00s/18h41m30s	5h14m30s/18h41m18s
<b>Day Length</b>	13h27m42s	13h27m30s	13h26m48s
<b>Moon Rise/ Set</b>	7:53 PM 6:00 AM	8:40 PM 6:59 AM	9:22 PM 7:56 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 89%
<b>NauticalTwilight</b>	0419, 1935	0419, 1935	0419, 1934
<b>Civil Twilight</b>	0449, 1905	0449, 1905	0450, 1905
<b>Humidity</b>	D : 85% N : 90%	D : 83% N : 91%	D : 85% N : 93%
<b>Barometer (mb)</b>	1001	1003	1006
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	50%	80%
<b>Wind (mph)</b>	22 Km/h SSE	21 Km/h SSE	18 Km/h S

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



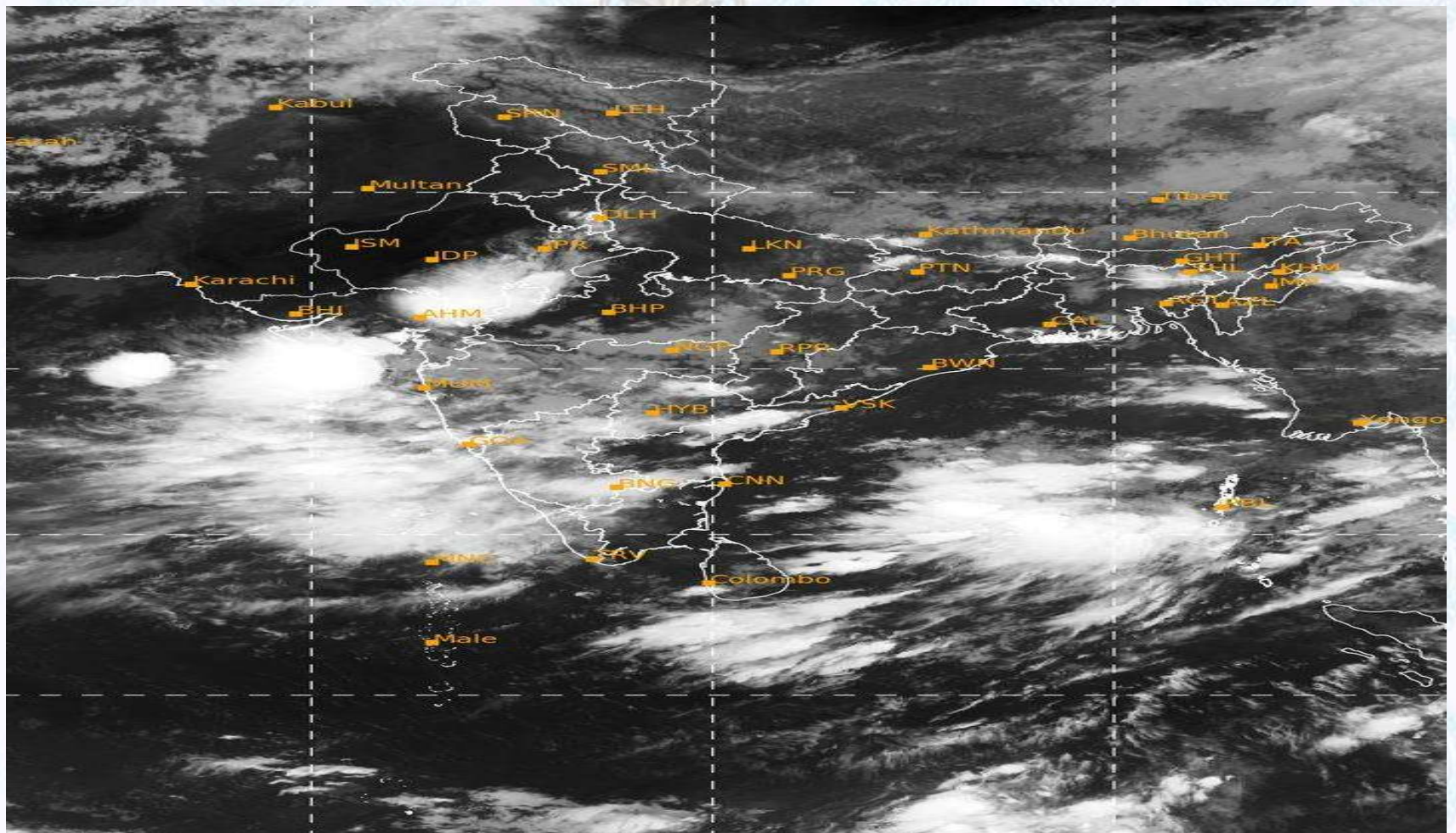
# GENERAL WEATHER FORECAST – KHULNA

Description	06 July 2020	07 July 2020	08 July 2020
<b>Temperature(C)</b>	31°C/ 27°C	32°C/ 27°C	32°C/ 27°C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h21m30s/18h51m42s	5h21m30s/18h51m42s	5h22m30s/18h51m30s
<b>Day Length</b>	13h29m54s	13h29m42s	13h29m00s
<b>Moon Rise/Set</b>	8:03 PM 6:10 AM	8:50 PM 7:09 AM	9:32 PM 8:06 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 89%
<b>Nautical Twilight</b>	0427, 1945	0427, 1945	0427, 1944
<b>Civil Twilight</b>	0457, 1915	0457, 1915	0457, 1916
<b>Humidity</b>	D : 81% N : 86%	D : 78% N : 86%	D : 79% N : 85%
<b>Barometer (mb)</b>	1000	10001	10002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	100%	80%	90%
<b>Wind (mph)</b>	20 km/h SE	18 km/h SE	15 km/h S

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



# SATELLITE VIEW OF BAY OF BENGAL



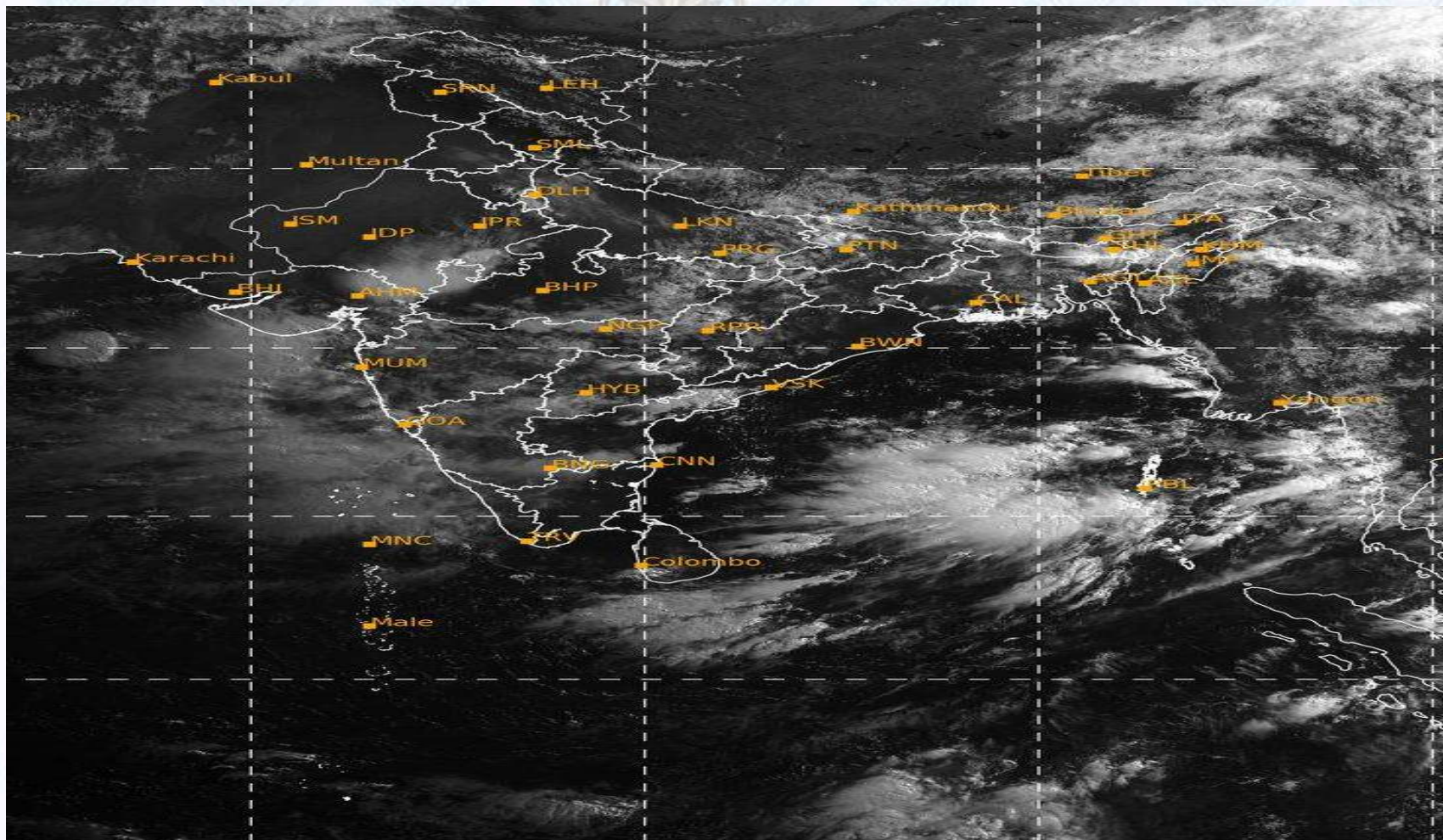
05/07/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



05/07/2020, 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 05.07.2020)

<b>Part One</b>	NO STORM WARNING	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
<b>Part Three</b>	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH-WEST/SOUTHERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 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



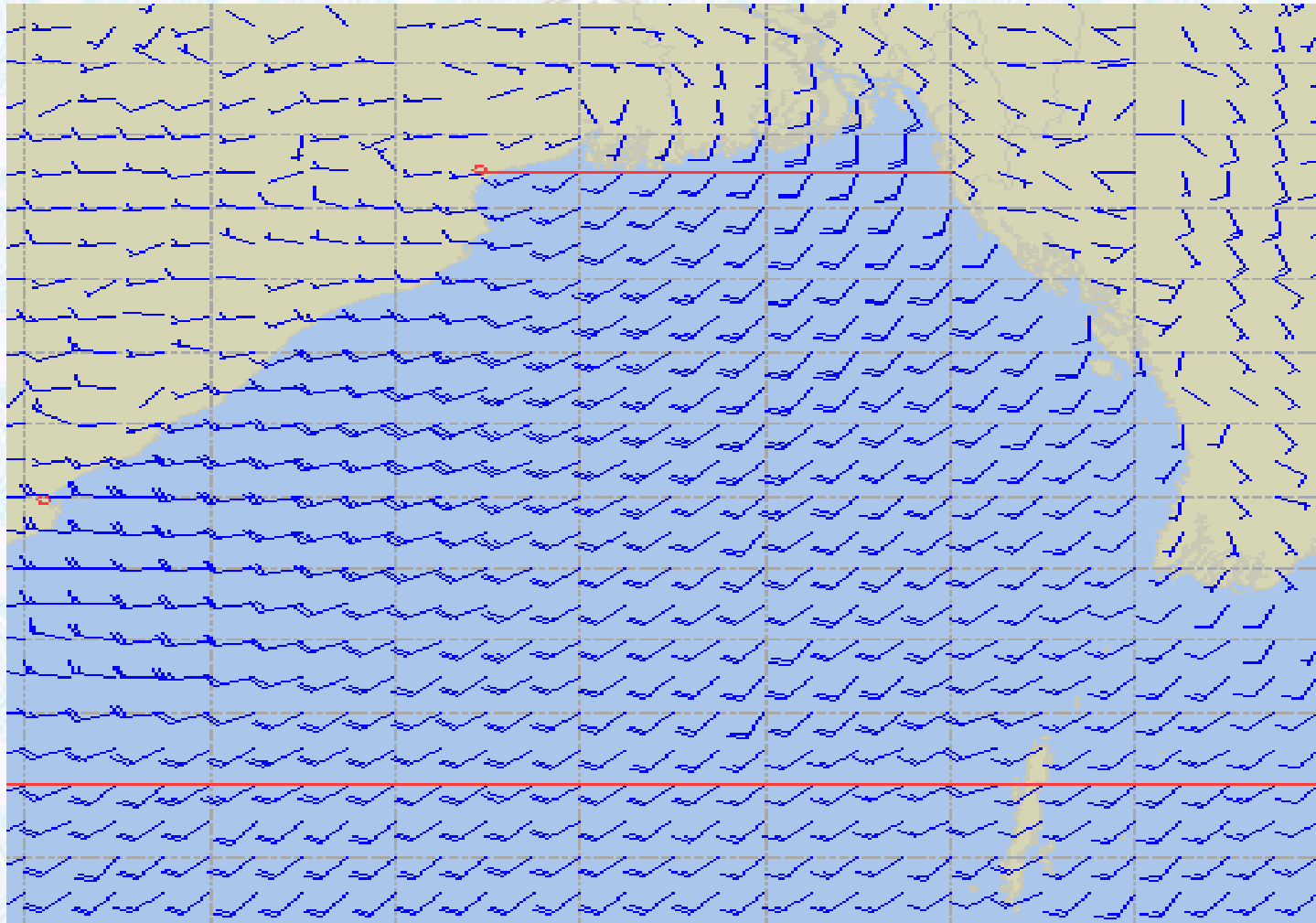
# **Inland River Port Warning** **(VALID TILL 07 PM OF 05.07.2020)**

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 RAJSHAHI, RANGPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR & SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



# Surface Wind Forecast- 06 July- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



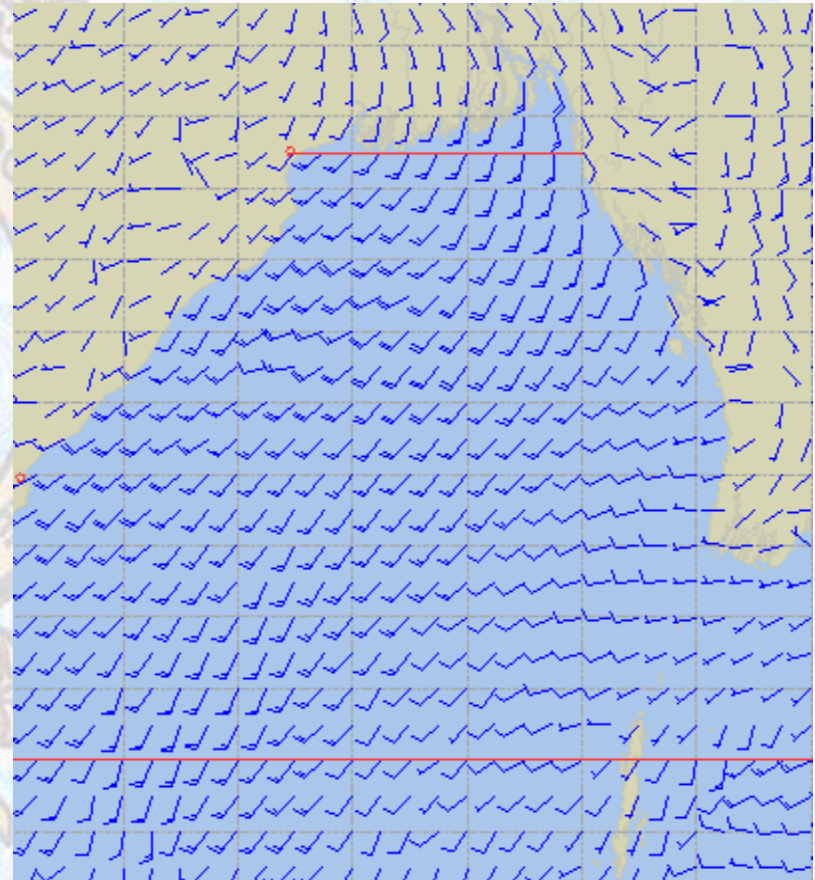
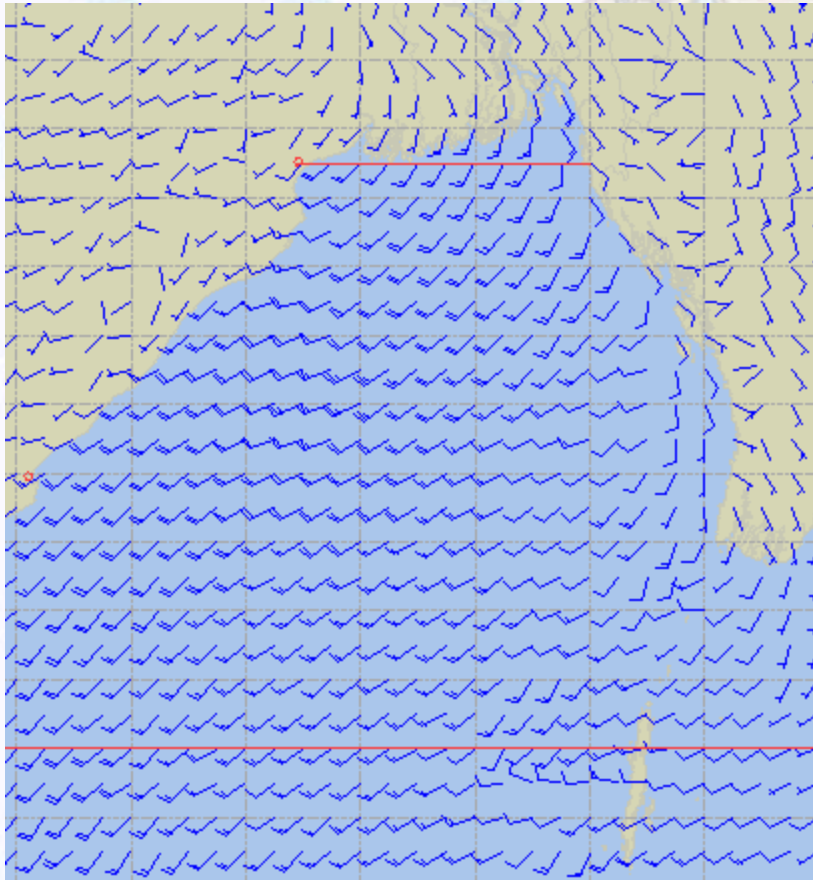
**60 Knots**



# Surface Wind Forecast – 07 & 08 July - 2020

07 July 2020 Tuesday

08 July 2020 Wednesday



**Legend:**



**Calm  
Winds**



**5 Knots**



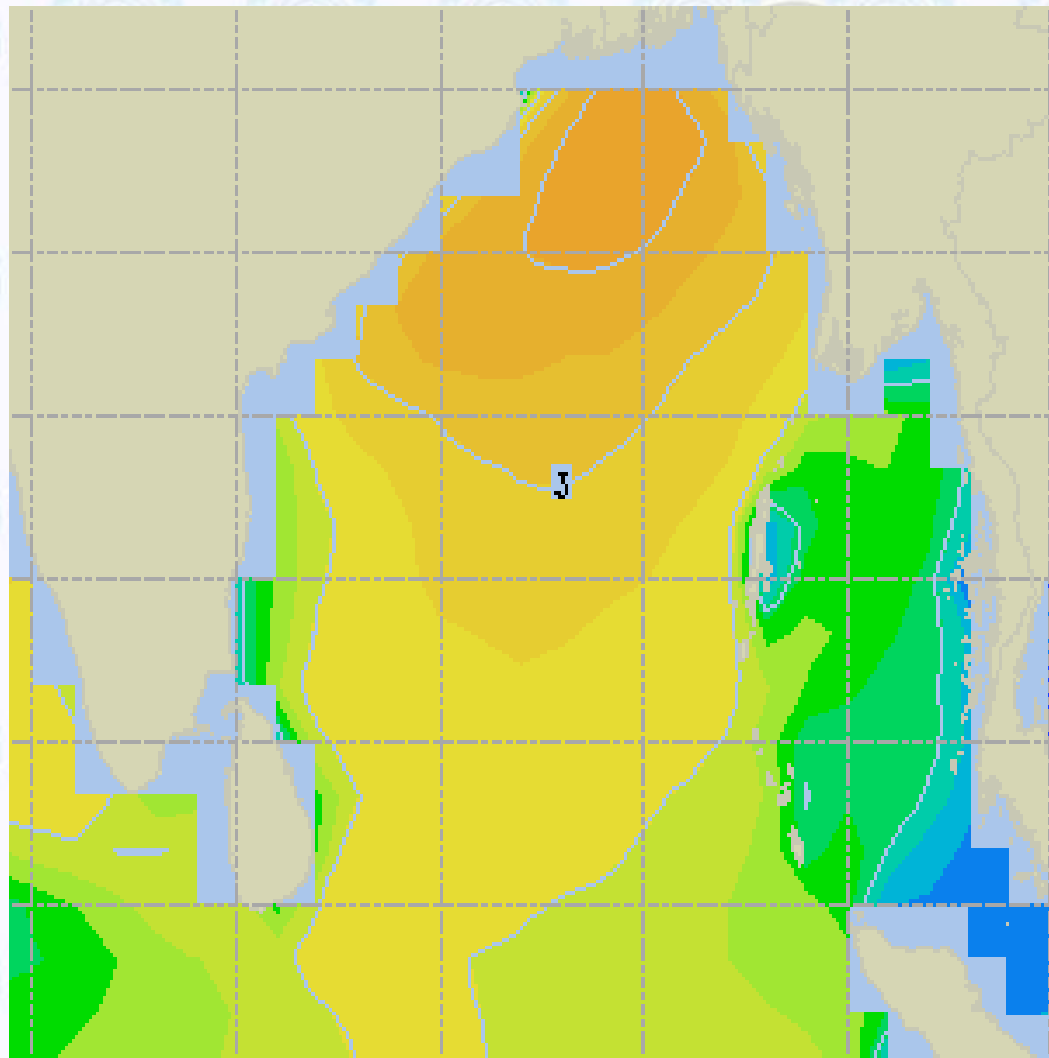
**10 Knots**



**60 Knots**



# Sea State Forecast – 06 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

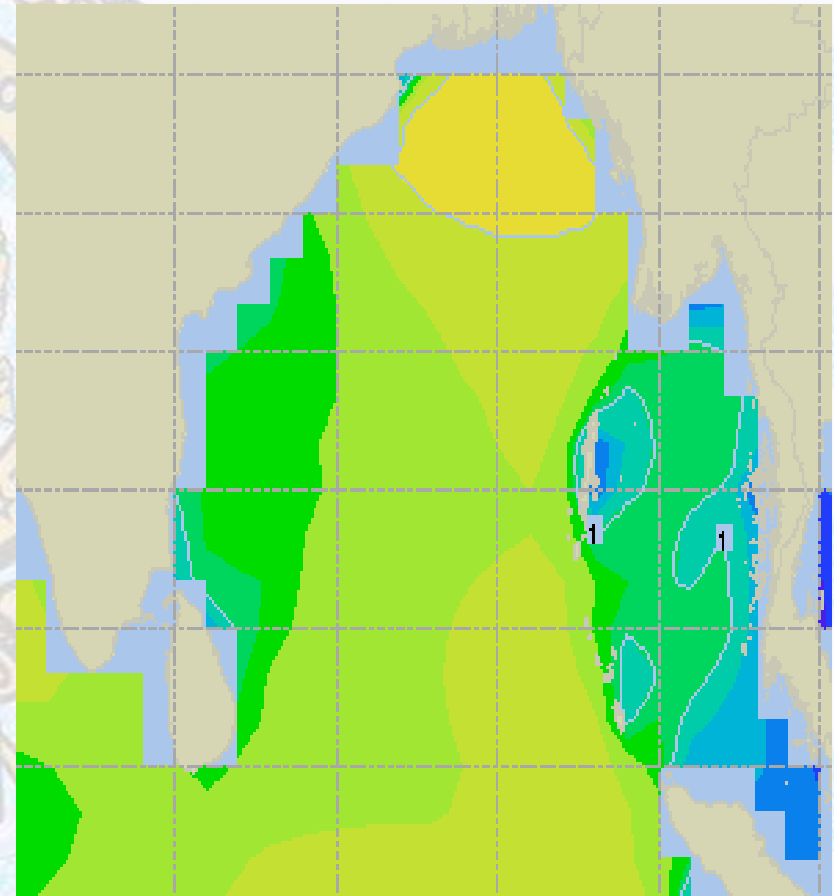
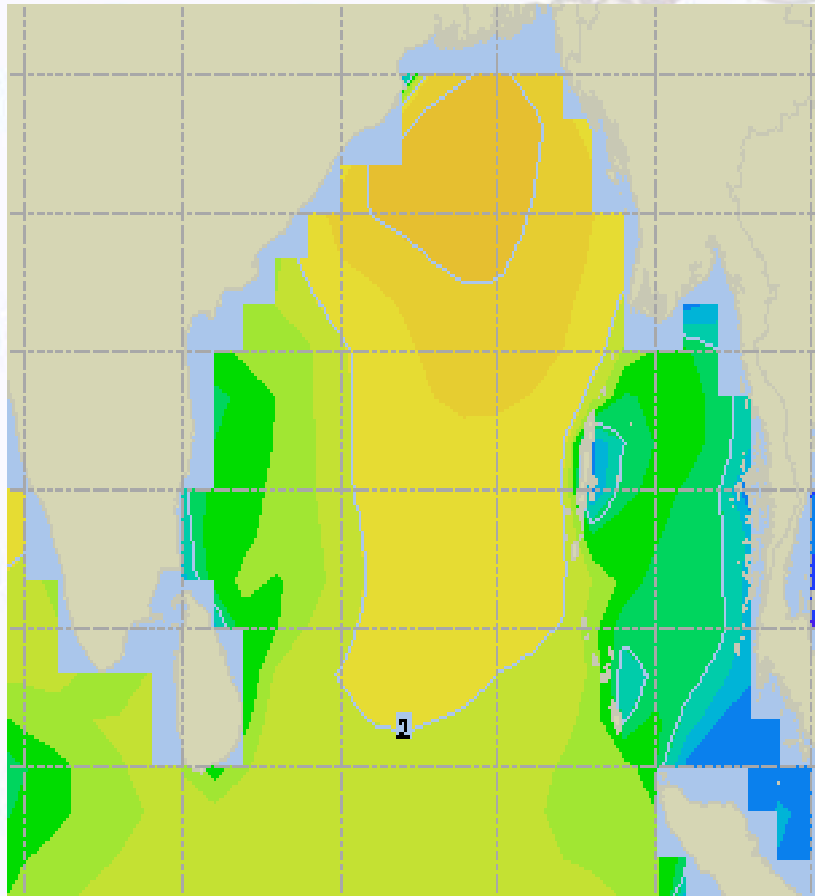




# Sea State Forecast – 07 & 08 July - 2020

07 July 2020 Tuesday

08 July 2020 Wednesday

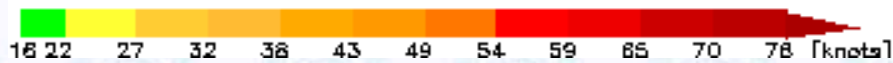
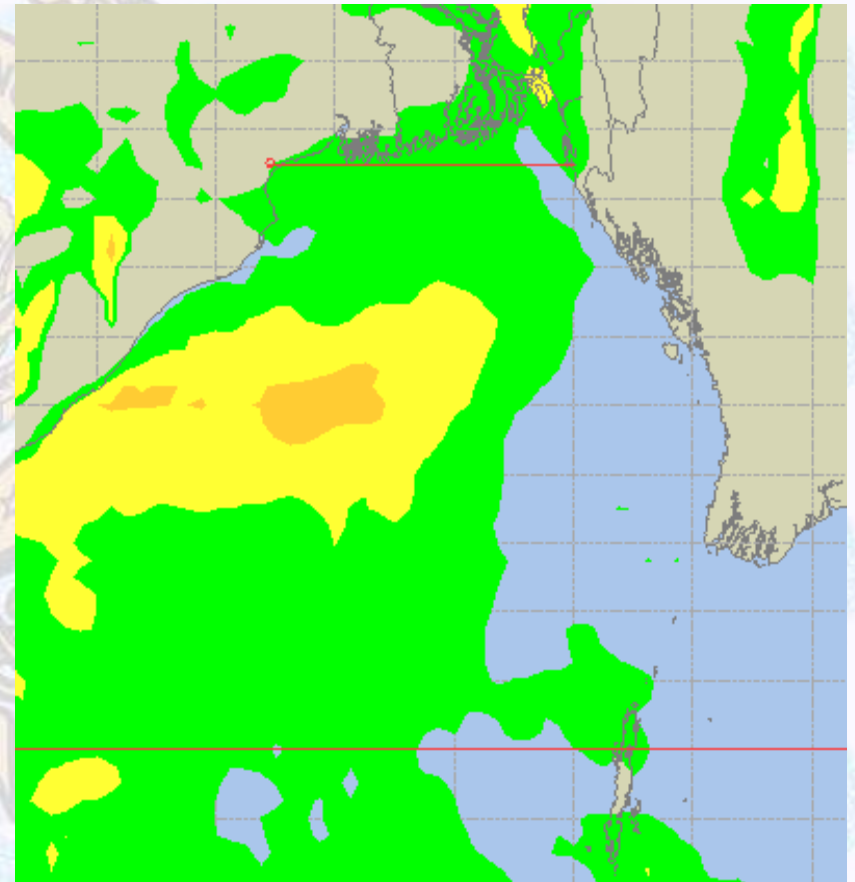
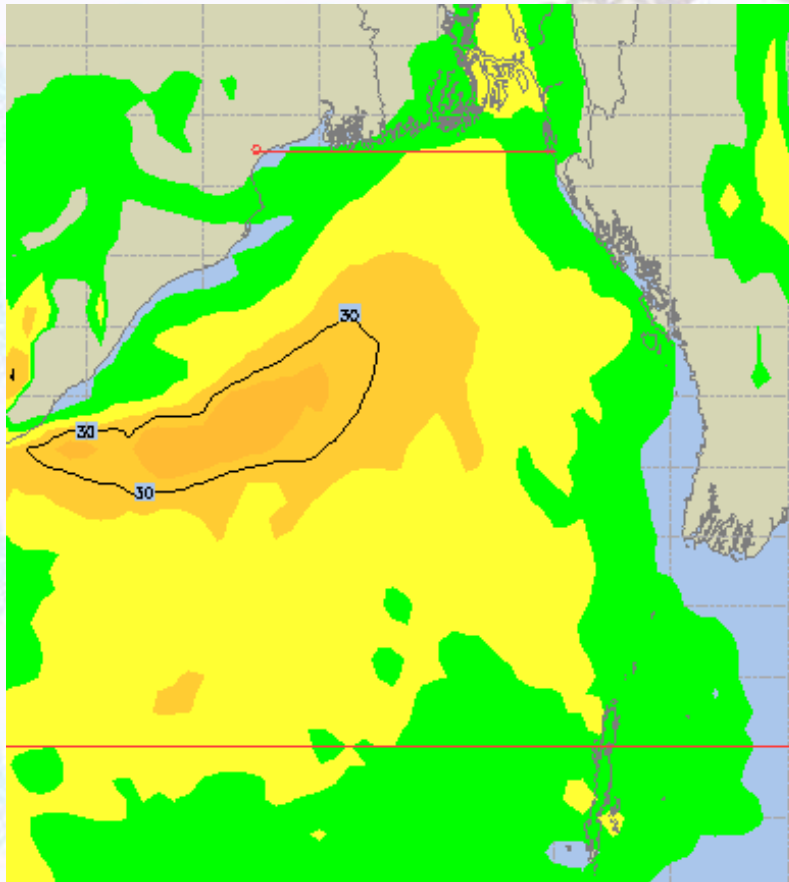




# Peak Gusting Possibilities— 06 & 07 July 2020

06 July 2020 Monday

07 July 2020 Tuesday

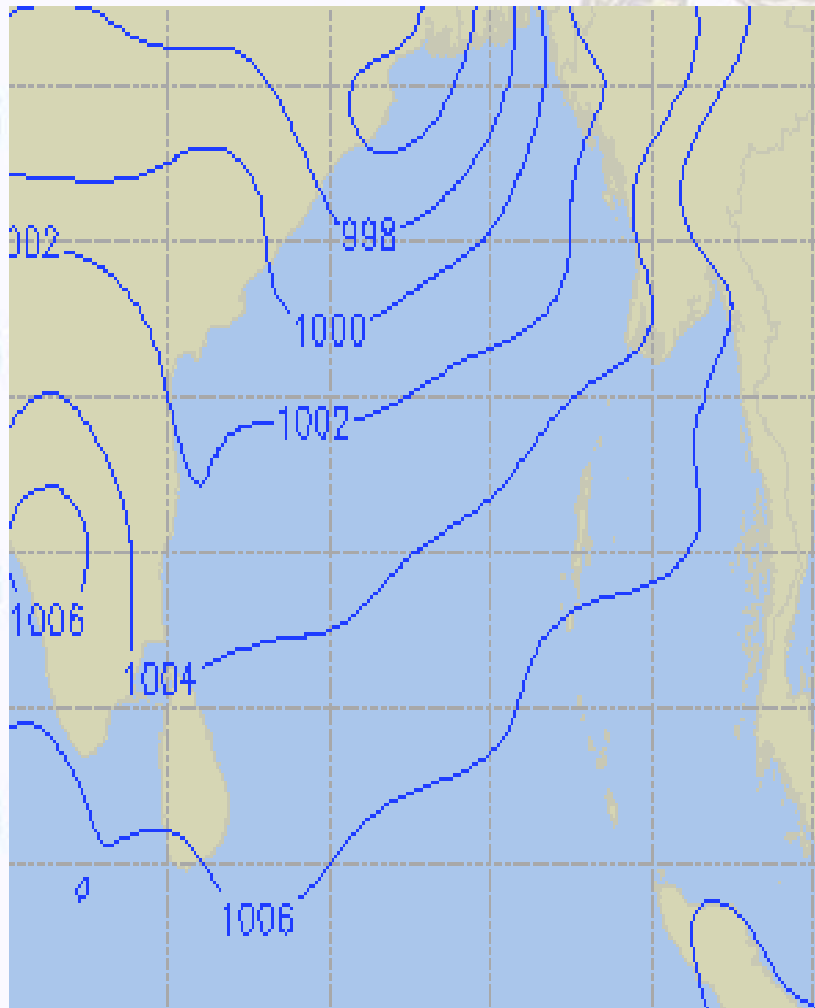




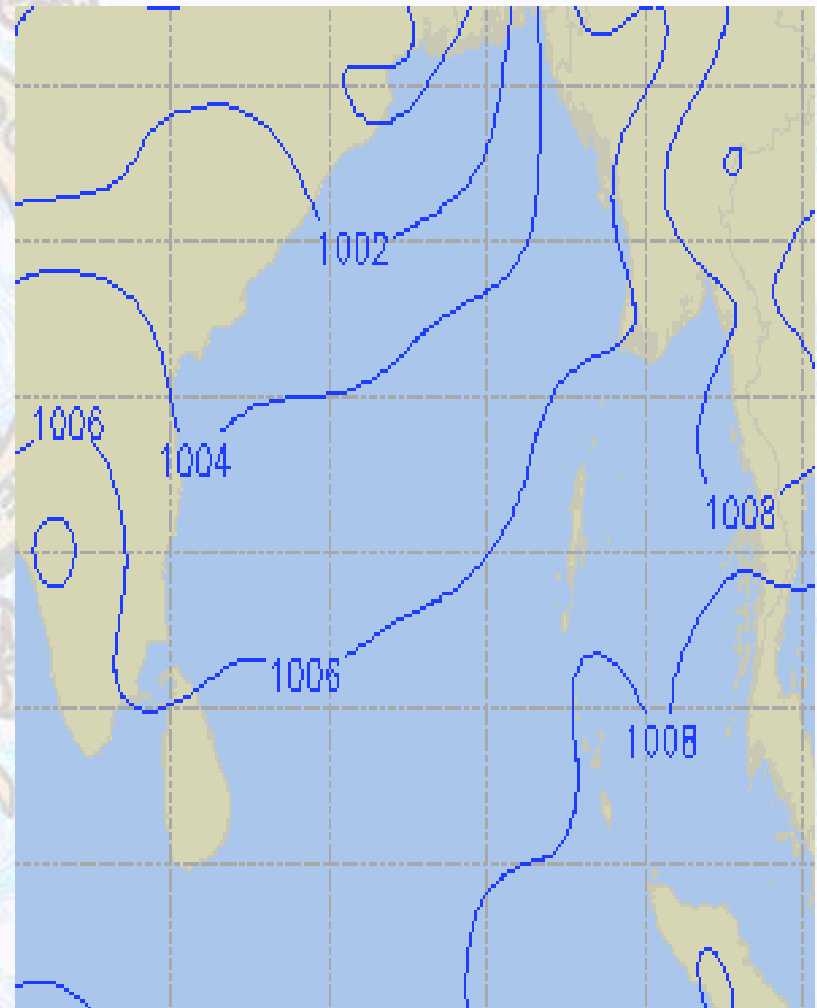


# Surface Pressure forecast— 06 & 07 July 2020

06 July 2020 Monday



07 July 2020 Tuesday

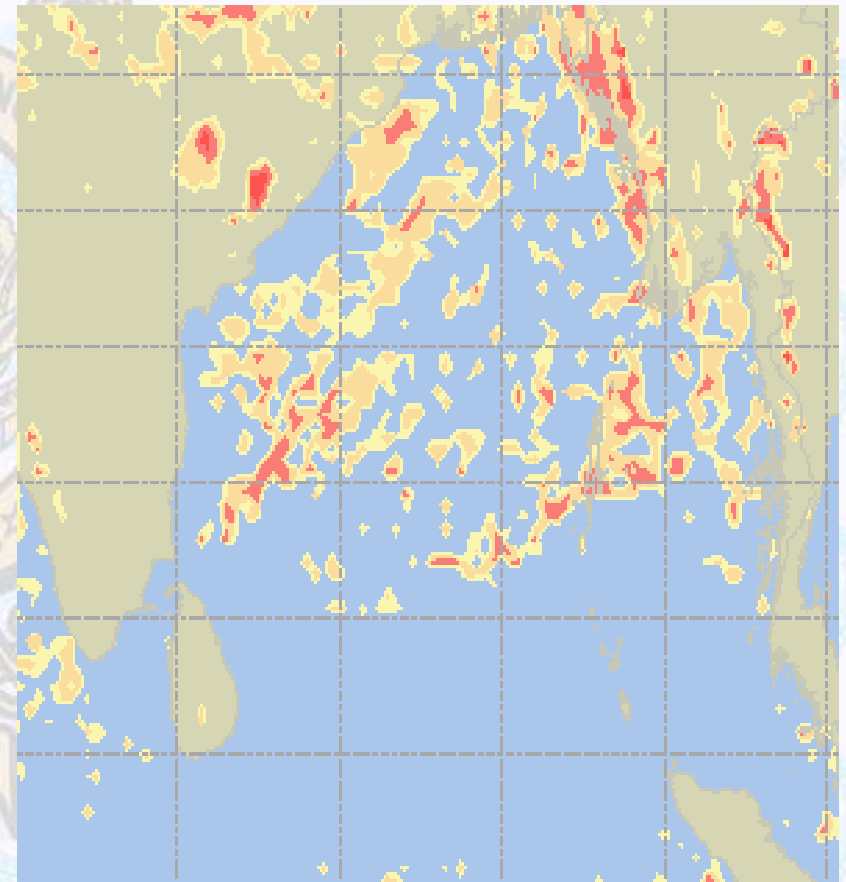
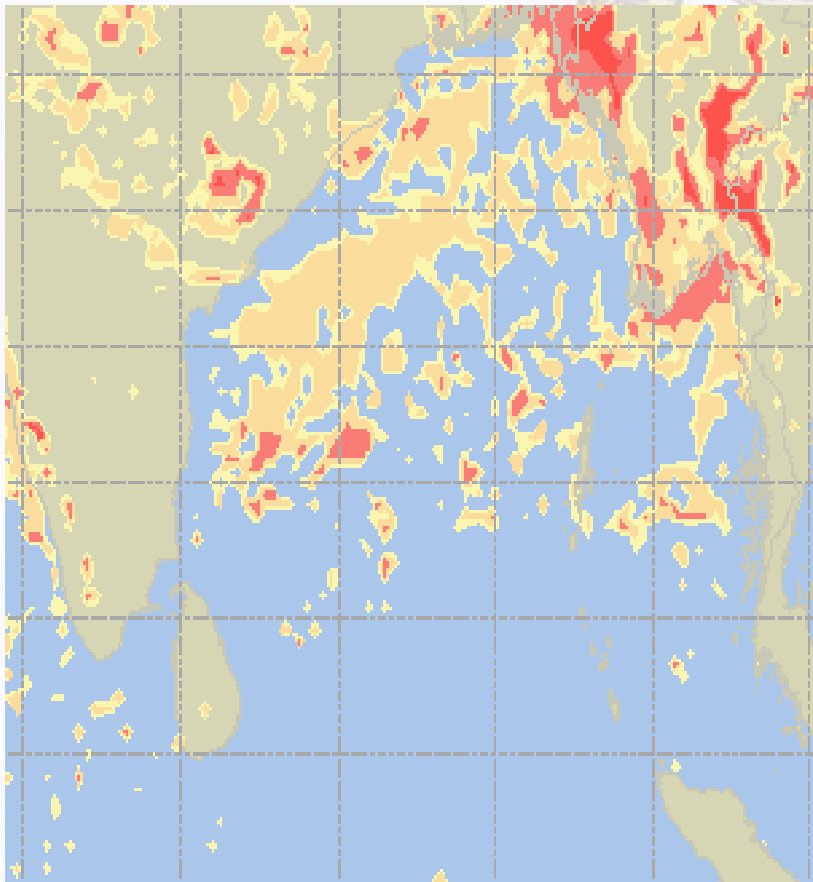




# Visibility at Sea Forecast – 06 & 07 July- 2020

06 July 2020 Monday

07 July 2020 Tuesday



**Visibility Scale:**

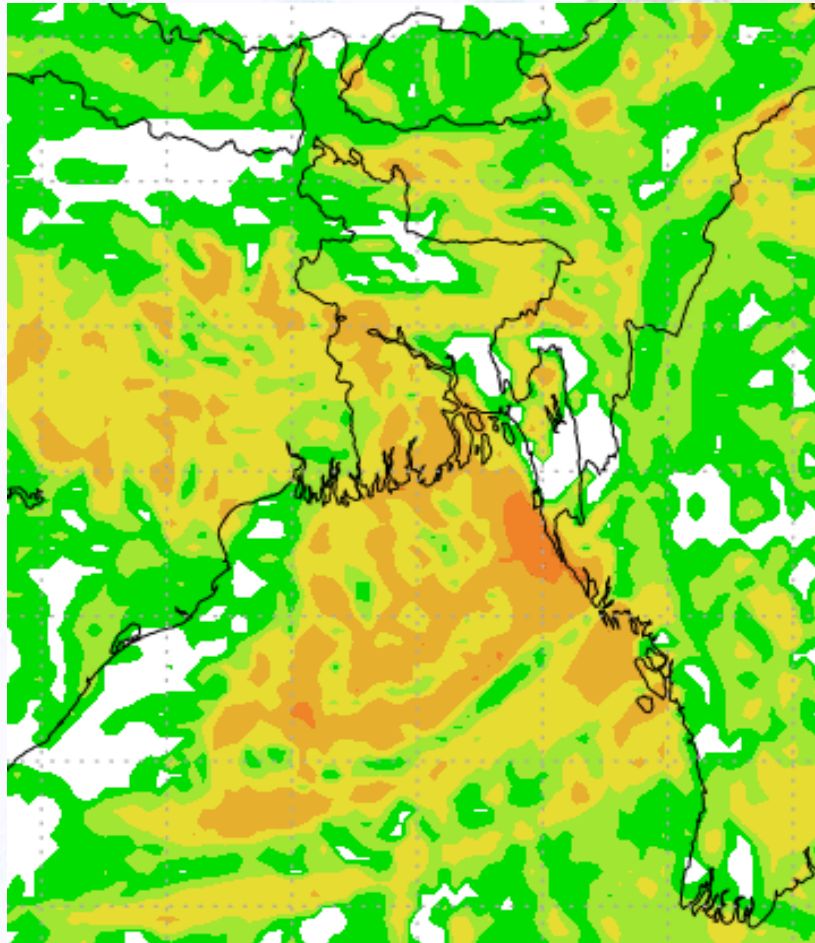


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

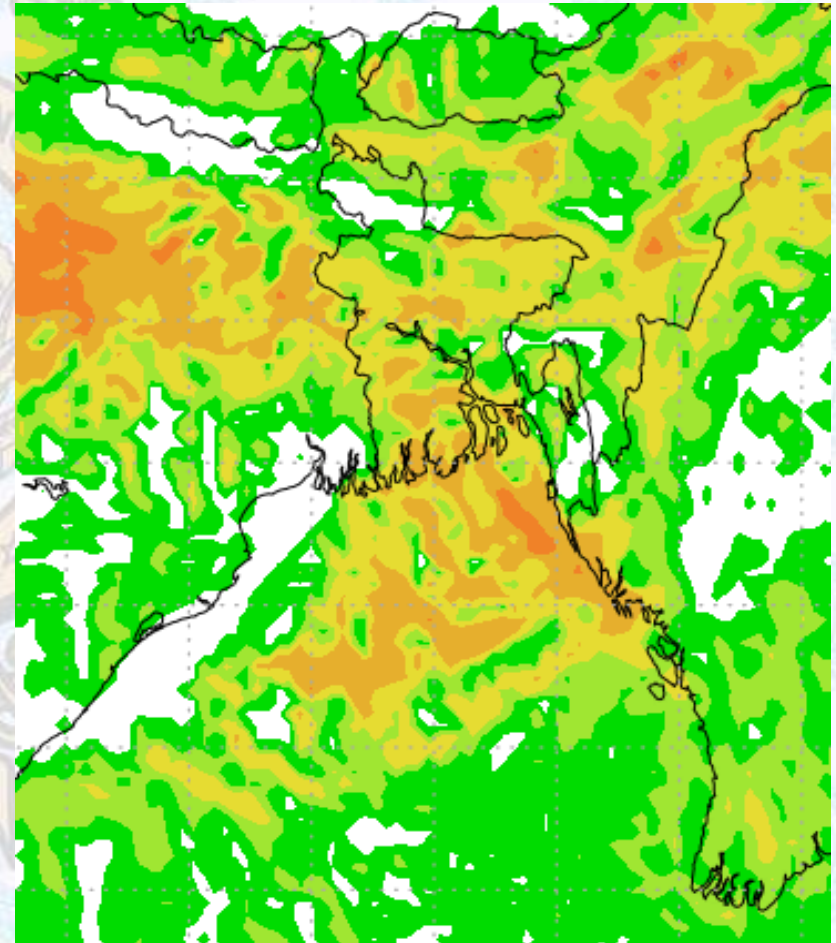


# Precipitation

Rain(mm) 06 & 07 July 2020



Rain(mm) 07 & 08 July 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>05 July 2020</b>	0048	4.88		0451	0.95		0424	1.03
	0706	0.87		1034	3.89		1034	3.41
	1301	5.34		1721	1.02		1710	1.12
	1944	0.89		2254	3.52		2257	3.04
<b>06 July 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0127	4.96		0535	3.52		0506	1.04
	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
<b>07 July 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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		-	-		-	-