



# WEATHER FORECAST FOR BN

*03 JULY - 06 JULY 2020*



# WEATHER FORECAST – DHAKA

## 03.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 26	33 / 26	31 / 26	30 / 26
Wind	14 km/h SW	12 km/h S	13 km/h SE	13 km/h S
Humidity	64%	69%	77%	80%
Chance of Precip	17%	17%	13%	23%
Cloud Cover	81%	83%	79%	82%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 16 AM 6: 50 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 03.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 27	30 / 27	29 / 26	29 / 27
Wind	12 km/h SW	13 km/h SSW	13 km/h SE	11 km/h SSE
Humidity	82%	81%	88%	91%
Chance of Precip.	16%	15%	35%	45%
Cloud Cover	78%	81%	83%	89%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 13 AM 6: 41 PM			

### Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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



# WEATHER FORECAST – KHULNA

## 03.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 27	30 / 27	29 / 27
Wind	12 km/h S	14 km/h SE	13 km/h S	10 km/h SSE
Humidity	73%	73%	81%	87%
Chance of Precip.	15%	12%	9%	6%
Cloud Cover	79%	82%	73%	75%
Conditions	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Sunrise Sunset	5: 23 AM 6: 52 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 16.09 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	04 July 2020	05 July 2020	06 July 2020
<b>Temperature (C)</b>	31 °C/ 27 °C	30 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h15m54s/18h50m24s	5h16m06s/18h50m24s	5h16m24s/18h50m24s
<b>Day Length</b>	13h34m30s	13h34m18s	13h34m18s
<b>Moon Rise/ Set</b>	6:10 PM 4:08 AM	7:09 PM 5:05 AM	8:09 PM 6:05 AM
<b>Moon Phase/ illu</b>	Waxing Gibbous.98%	Full Moon, 99%	Full Moon, 99%
<b>NauticalTwilight</b>	0420,1944	0421,1943	0421,1943
<b>Civil Twilight</b>	0451,1916	0451,1917	0451,1917
<b>Humidity</b>	D : 75% N : 84%	D : 79% N : 84%	D : 77% N : 84%
<b>Barometer (mb)</b>	1002	1001	1001
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	80%	80%
<b>Wind (mph)</b>	15 Km/h SE	20 Km/h SE	21 Km/h SE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	04 July 2020	05 July 2020	06 July 2020
<b>Temperature (C)</b>	29 °C/ 26 °C	29 °C/ 25 °C	30 °C/ 25 °C
<b>Summary</b>	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
<b>Sun Rise/Set</b>	5h13m18s/18h41m30s	5h13m30s/18h41m30s	5h13m30s/18h41m30s
<b>Day Length</b>	13h28m12s	13h26m24s	13h26m24s
<b>Moon Rise/ Set</b>	6:01 PM 4:05 AM	7:00 PM 5:02 AM	8:00 PM 6:02 AM
<b>Moon Phase/ illu</b>	Full Moon, 98%	Full Moon, 98%	Full Moon, 98%
<b>NauticalTwilight</b>	0417, 1934	0416, 1933	0416, 1933
<b>Civil Twilight</b>	0447, 1906	0447, 1907	0447, 1907
<b>Humidity</b>	D : 89% N : 93%	D : 87% N : 94%	D : 89% N : 94%
<b>Barometer (mb)</b>	1004	1004	1004
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	80%
<b>Wind (mph)</b>	15 Km/h S	19 Km/h SSE	219 Km/h SSE

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



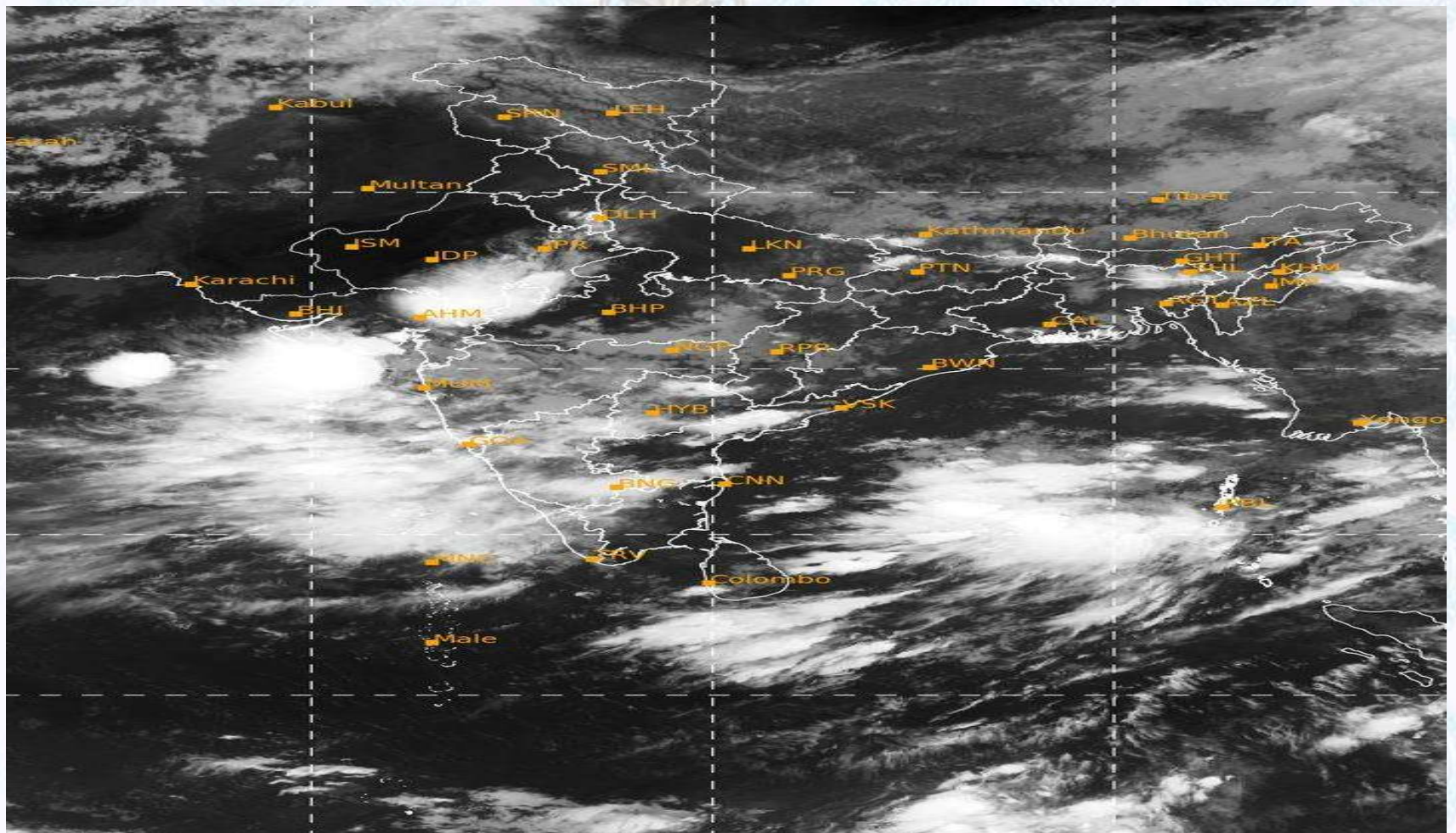
# GENERAL WEATHER FORECAST – KHULNA

Description	04 July 2020	05 July 2020	06 July 2020
<b>Temperature(C)</b>	30°C/ 27°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h21m18s/18h51m42s	5h21m30s/18h51m42s	5h21m30s/18h51m42s
<b>Day Length</b>	13h30m24s	13h30m12s	13h30m12s
<b>Moon Rise/Set</b>	6:12 PM 4:15 AM	7:10 PM 5:12 AM	8:10 PM 5:12 AM
<b>Moon Phase/illu</b>	Full Moon, 98%	Full Moon, 98%	Full Moon, 98%
<b>Nautical Twilight</b>	0426, 1947	0425, 1947	0425, 1947
<b>Civil Twilight</b>	0457, 1915	0458, 1915	0458, 1915
<b>Humidity</b>	D : 80% N : 88%	D : 82% N : 88%	D : 83% N : 88%
<b>Barometer (mb)</b>	1001	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	90%
<b>Wind (mph)</b>	17 km/h SE	19 km/h SE	18 km/h SE

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



# SATELLITE VIEW OF BAY OF BENGAL



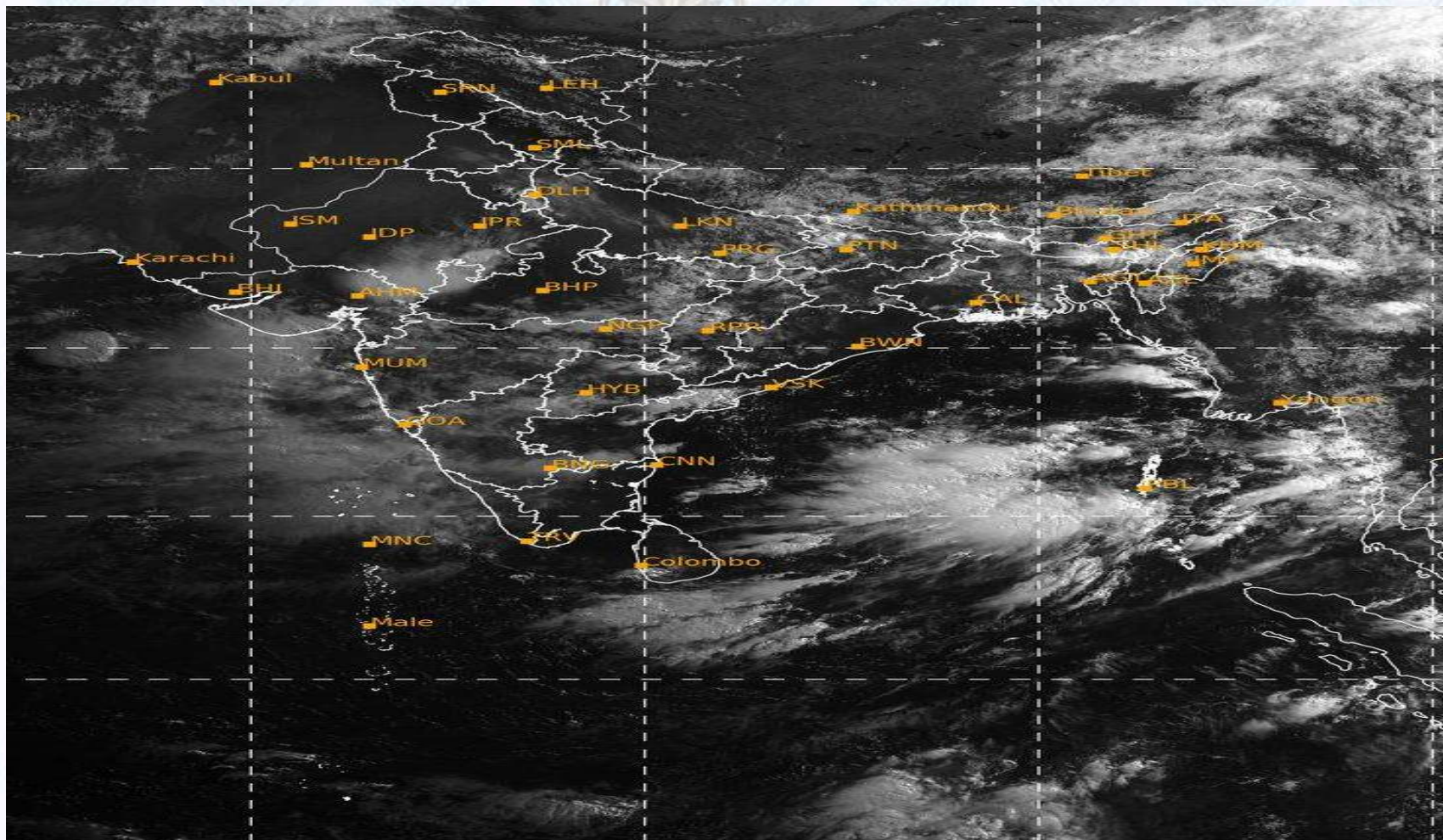
03/07/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



03/07/2020, 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 03.07.2020)

<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/SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY 10-15 KTS.TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =30,0000 UTC. CHATTOGRAM =1003 HPA



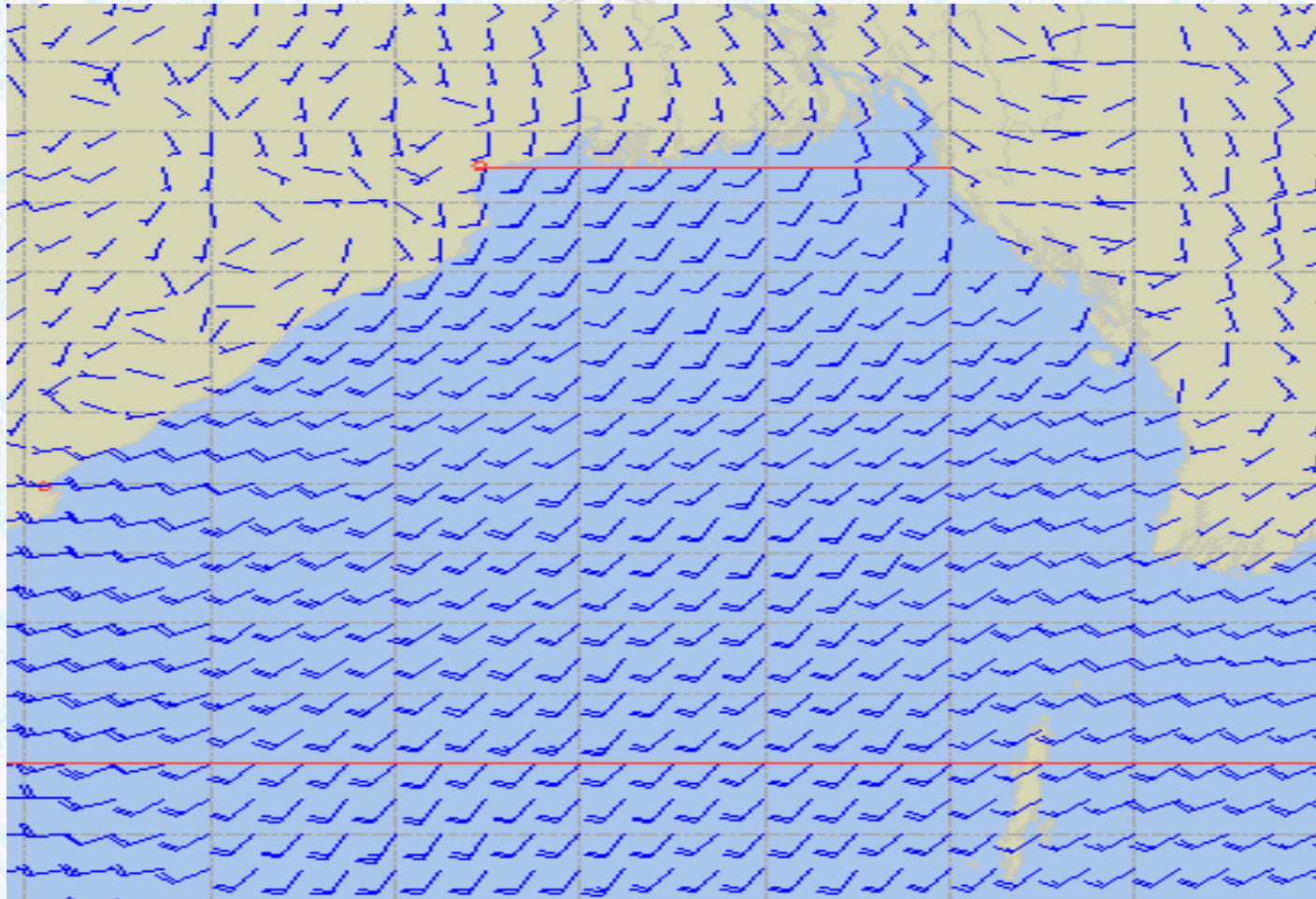
# **Inland River Port Warning** **(VALID TILL 07 PM OF 03.07.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, DINAJPUR, TANGAIL, MYMENSINGH, SYLHET, RAJSHAHI, PABNA, KHULNA, 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- 04 July- 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



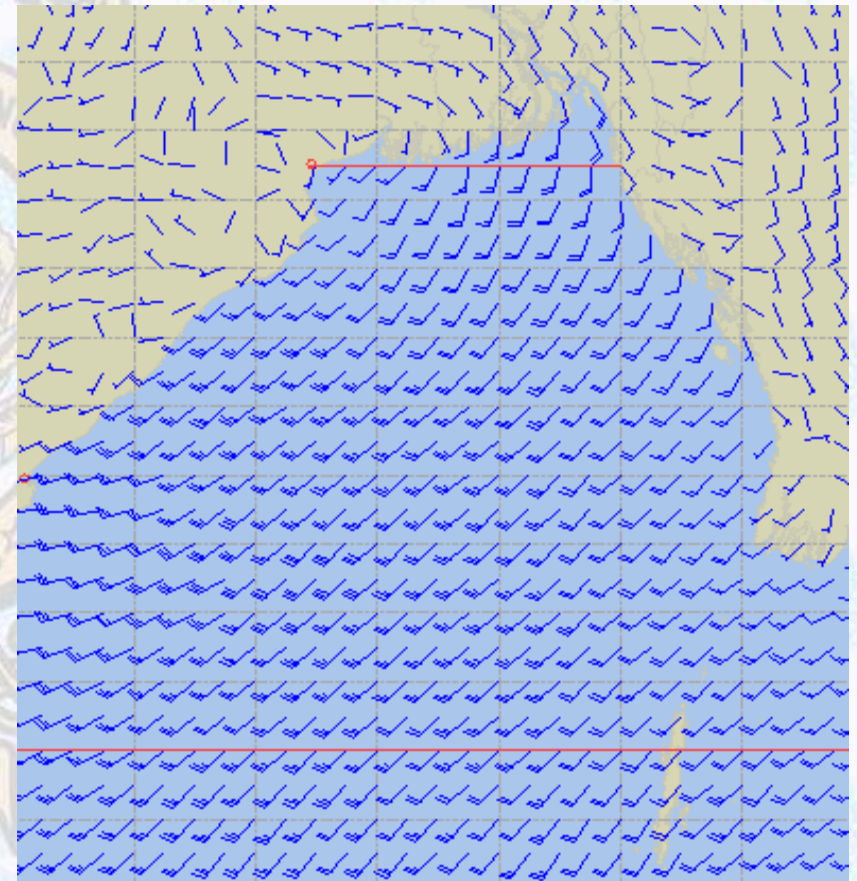
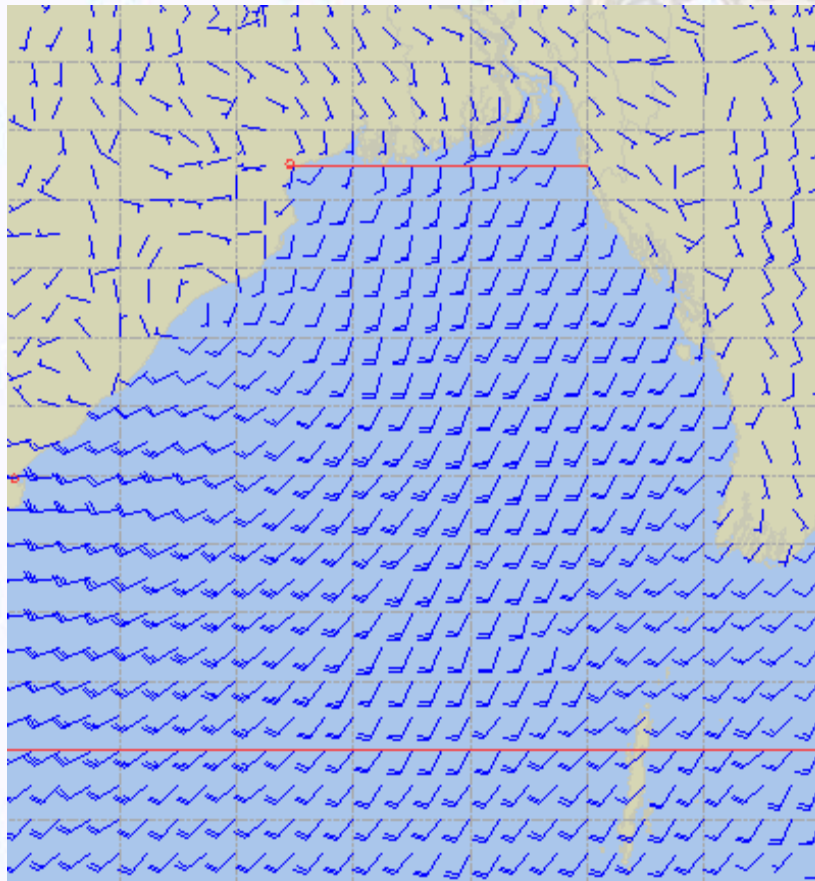
60 Knots



# Surface Wind Forecast – 05 & 06 July - 2020

05 July 2020 Sunday

06 July 2020 Monday



**Legend:**



**Calm  
Winds**



**5 Knots**



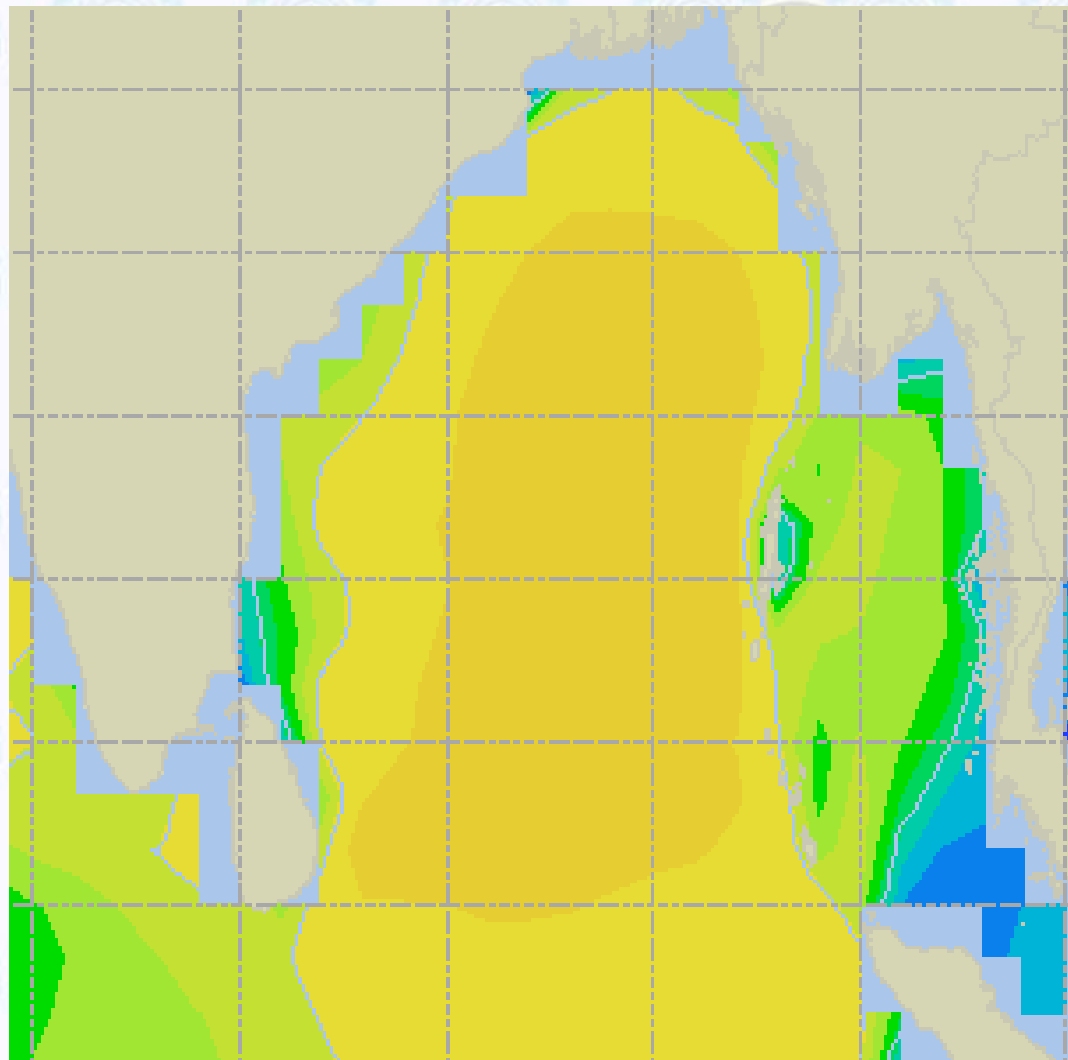
**10 Knots**



**60 Knots**



# Sea State Forecast – 04 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

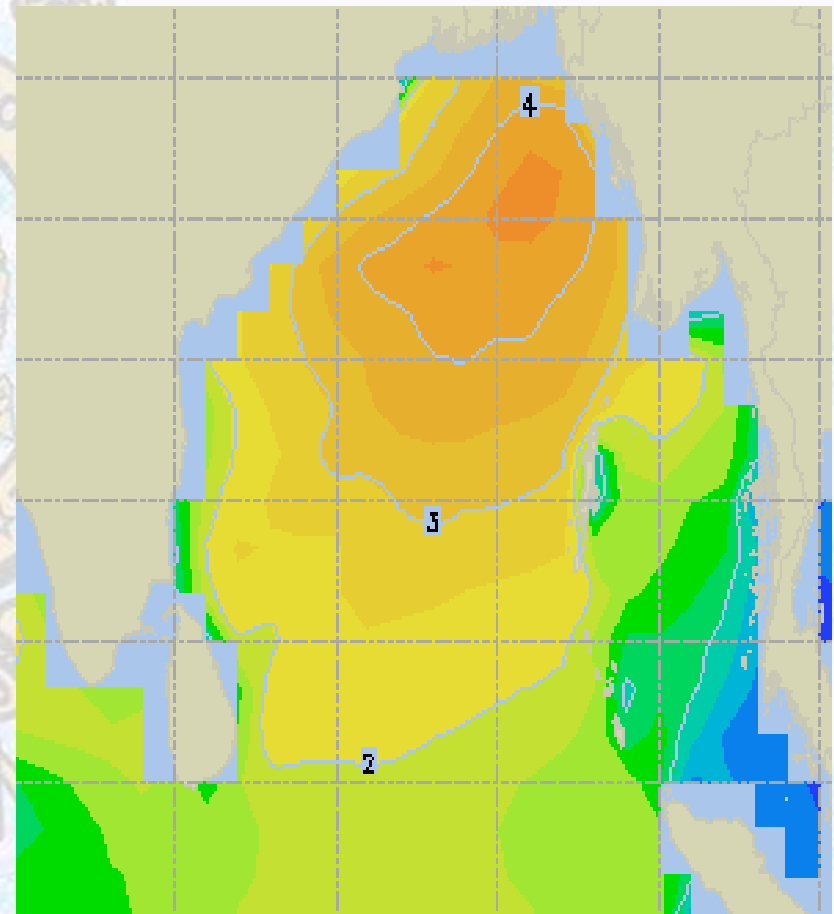
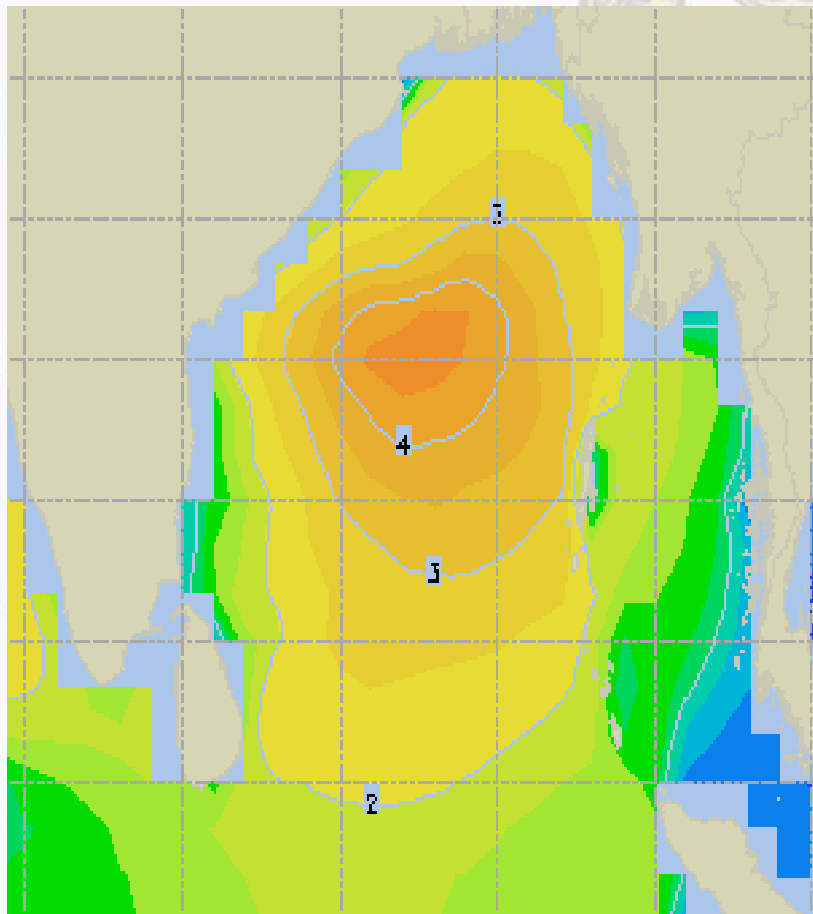




# Sea State Forecast – 05 & 06 July - 2020

05 July 2020 Sunday

06 July 2020 Monday

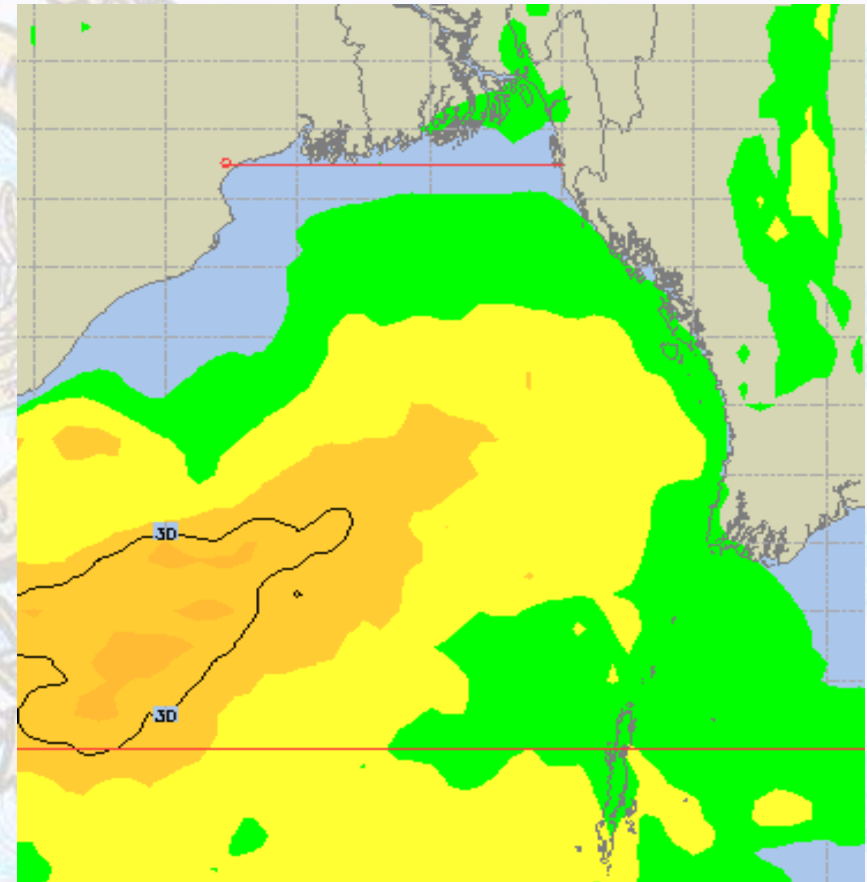
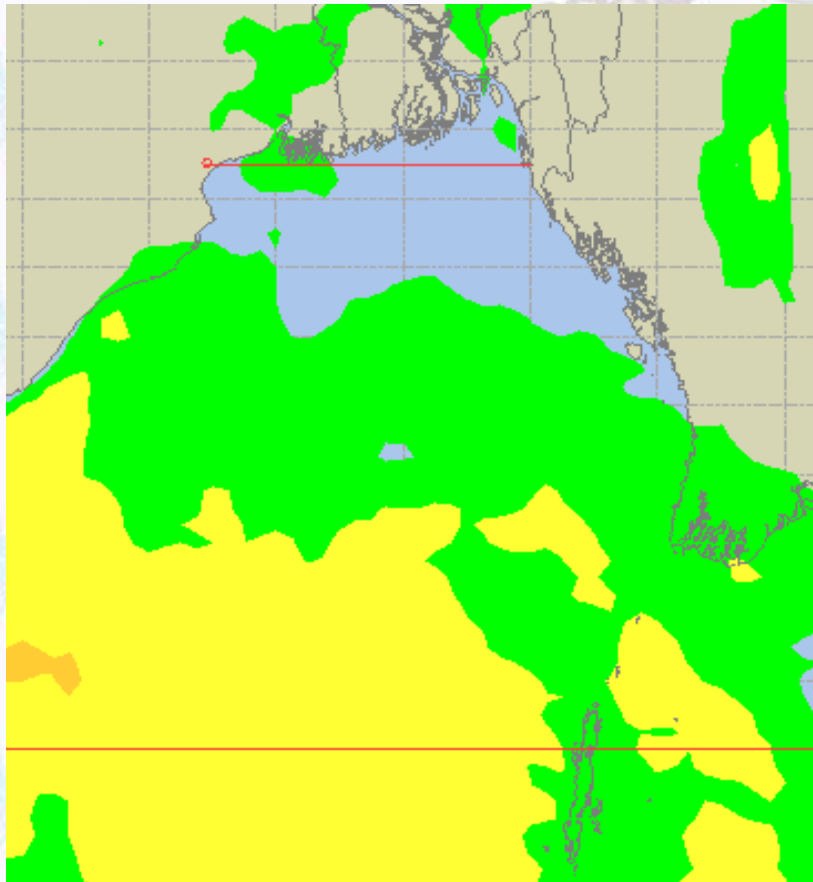




# Peak Gusting Possibilities— 04 & 05 July 2020

04 July 2020 Saturday

05 July 2020 Sunday



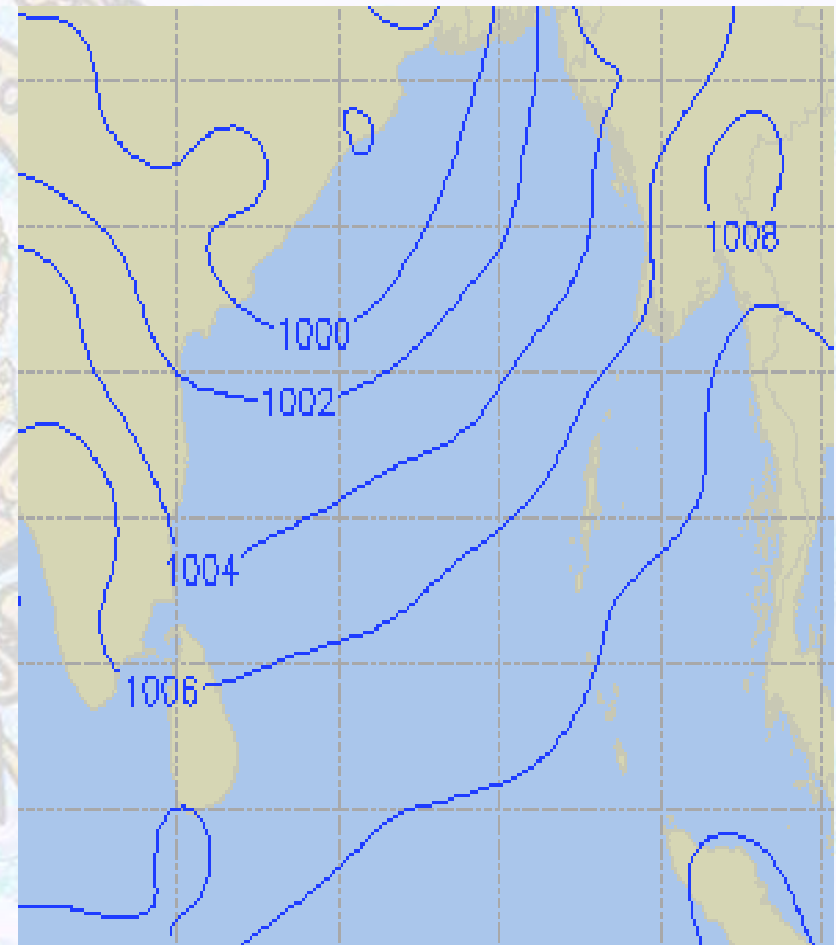
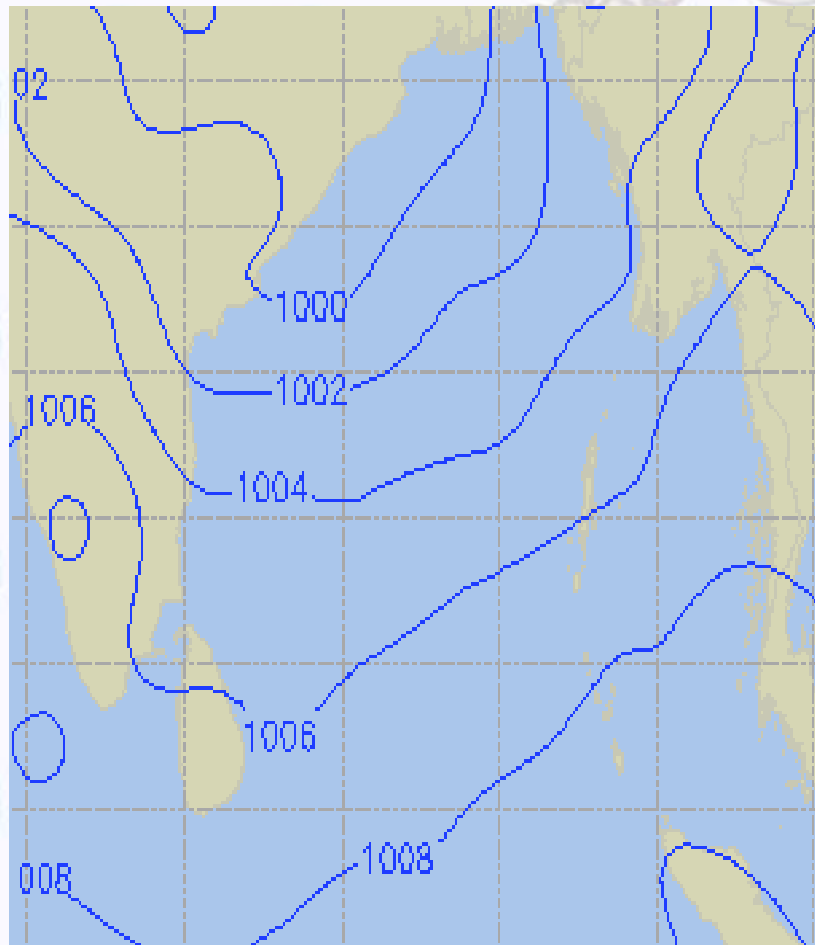




# Surface Pressure forecast— 04 & 05 July 2020

04 July 2020 Saturday

05 July 2020 Sunday

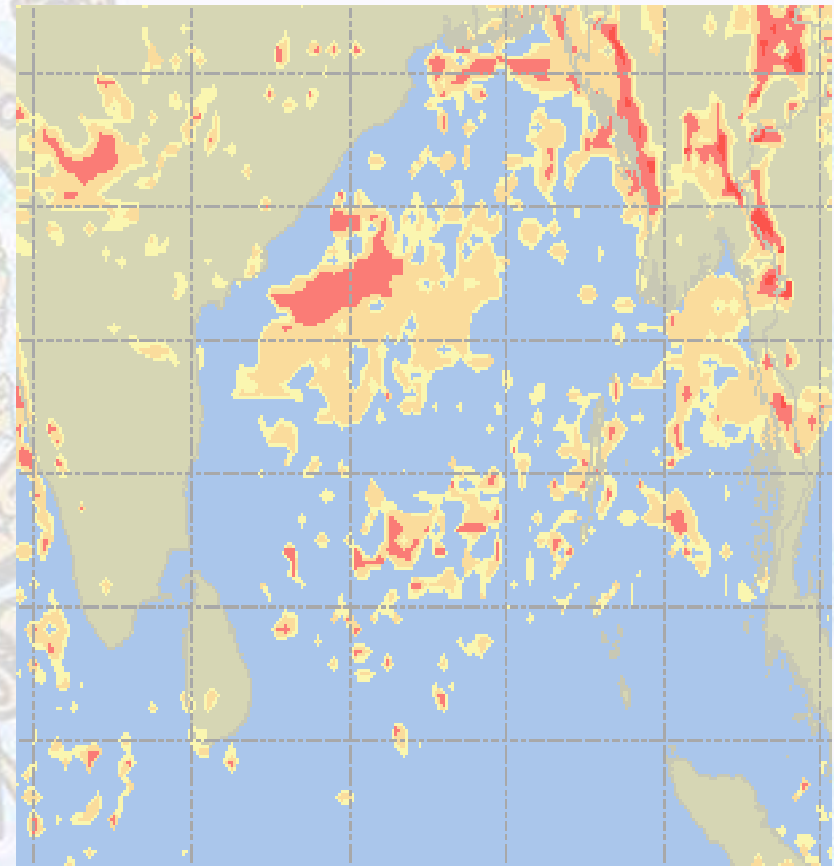
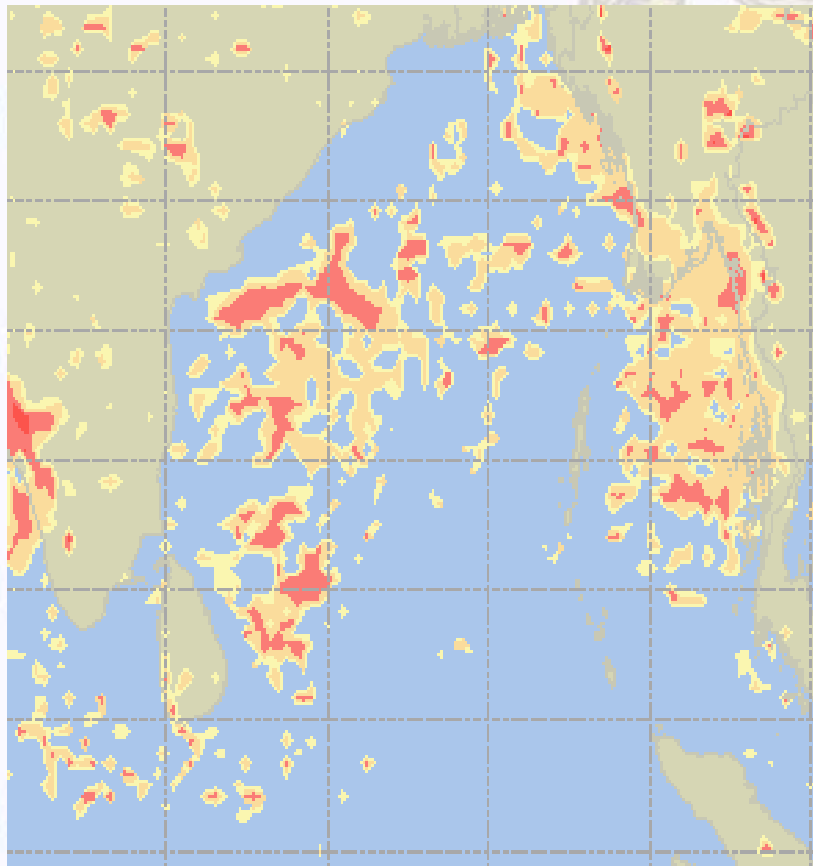




# Visibility at Sea Forecast – 04 & 05 July- 2020

04 July 2020 Saturday

05 July 2020 Sunday



**Visibility Scale:**

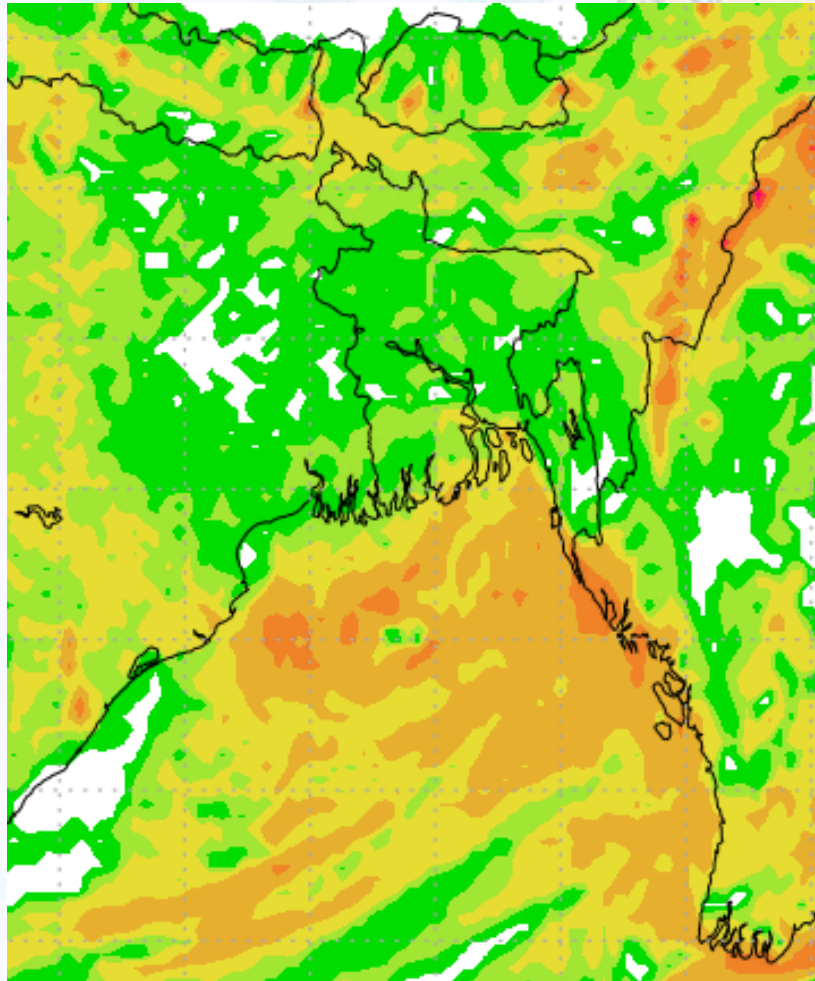


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

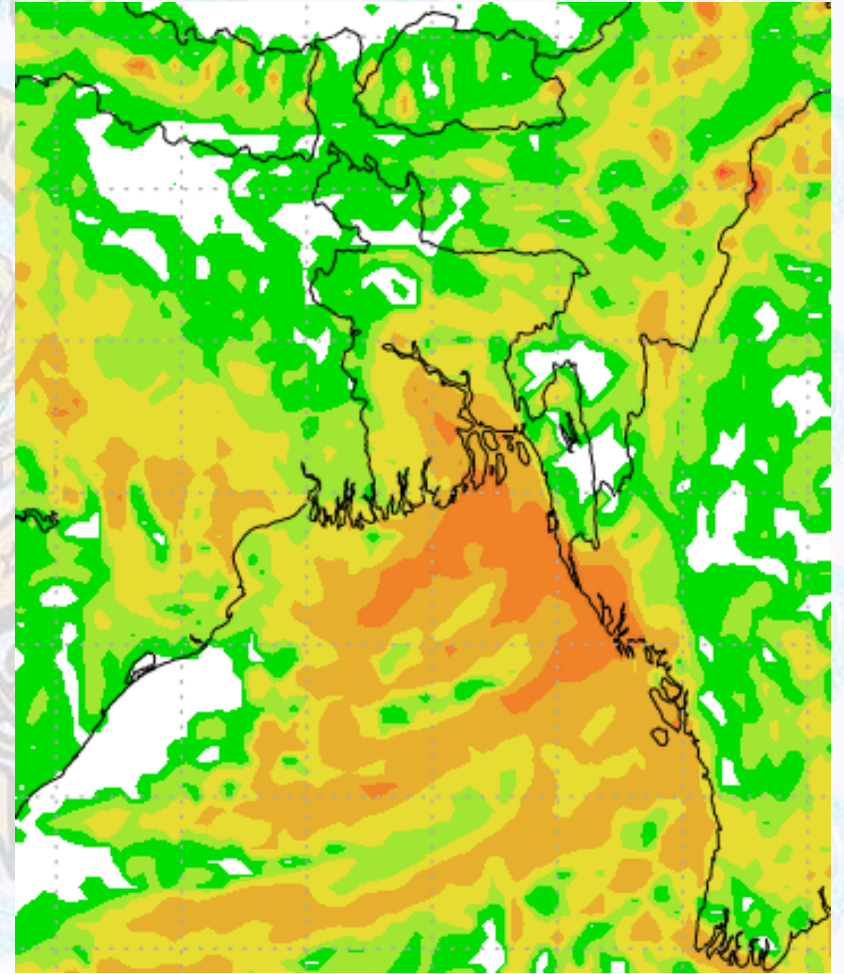


# Precipitation

Rain(mm) 04 & 05 July 2020



Rain(mm) 05 & 06 July 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
03 July 2020	0532	0.97		0309	1.10		0243	1.11
	1135	5.17		0900	3.67		0903	3.29
	1813	0.98		1546	1.09		1535	1.26
	-	-		2124	3.39		2127	2.94
04 July 2020	Time	Height		Time	Height		Time	Height
	0004	4.78		0403	1.01		0337	1.06
	0622	0.91		0949	3.81		0951	3.36
	1221	5.27		1635	1.04		1626	1.17
	1901	0.92		2210	3.48		2215	3.00
05 July 2020	Time	Height		Time	Height		Time	Height
	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