



# WEATHER FORECAST FOR BN

**20 - 23 JUNE 2020**



# WEATHER FORECAST – DHAKA

## 20.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	31 / 26	29 / 25	28 / 25
Wind	17 km/h SE	17 km/h SSE	14 km/h SSE	14 km/h SE
Humidity	71%	73%	81%	83%
Chance of Precip	17%	35%	24%	23%
Cloud Cover	65%	67%	70%	70%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 13 AM 6: 49 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



# WEATHER FORECAST – CHATTOGRAM

## 20.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 26
Wind	19 km/h S	19 km/h S	19 km/h SSE	19 km/h SE
Humidity	86%	88%	90%	90%
Chance of Precip.	24%	23%	68%	39%
Cloud Cover	79%	78%	77%	68%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 10 AM 6: 40 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 16.09 Km

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



# WEATHER FORECAST – KHULNA

## 20.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31 / 27	29 / 26	28 / 26
Wind	16 km/h SSE	17 km/h SSE	11 km/h SE	9 km/h SE
Humidity	80%	80%	88%	92%
Chance of Precip.	20%	77%	23%	34%
Cloud Cover	59%	75%	57%	64%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 20 AM 6: 50 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	21 June 2020	22 June 2020	23 June 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	31 °C/ 27 °C	32 °C/ 27 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h12m12s/18h48m48s	5h12m30s/18h49m06s	5h12m42s/18h49m18s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	5:01 PM 6:58 AM	5:54 PM 7:54 AM	6:15 PM 8:84 AM
<b>Moon Phase/ illu</b>	New Moon.0%	Waning Crescent.2%	Waning Crescent.7%
<b>NauticalTwilight</b>	0416,1944	0415,1943	0416,1944
<b>Civil Twilight</b>	0446,1913	0446,1913	0447,1914
<b>Humidity</b>	D : 81% N : 86%	D : 79% N : 86%	D : 77% N : 86%
<b>Barometer (mb)</b>	1002	1000	1003
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	80%
<b>Wind (mph)</b>	21 Km/h SE	20 Km/h SSE	16 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 June 2020	22 June 2020	23 June 2020
<b>Temperature (C)</b>	30 °C/ 26 °C	30 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h09m42s/18h39m42s	5h10m00s/18h40m00s	5h10m12s/18h40m12s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	4:58PM 6:49 AM	5:51 PM 7:45 AM	6:48 PM 8:39 AM
<b>Moon Phase/ illu</b>	New Moon.0%	Waning Crescent.2%	Waning Crescent.7%
<b>NauticalTwilight</b>	0414, 1934	0413, 1933	0415, 1934
<b>Civil Twilight</b>	0444, 1904	0443, 1903	0444, 1904
<b>Humidity</b>	D : 87% N : 91%	D : 85% N : 92%	D : 84% N : 94%
<b>Barometer (mb)</b>	1004	1002	1005
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	60%	40%
<b>Wind (mph)</b>	23 Km/h SSE	20 Km/h S	16 Km/h S

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



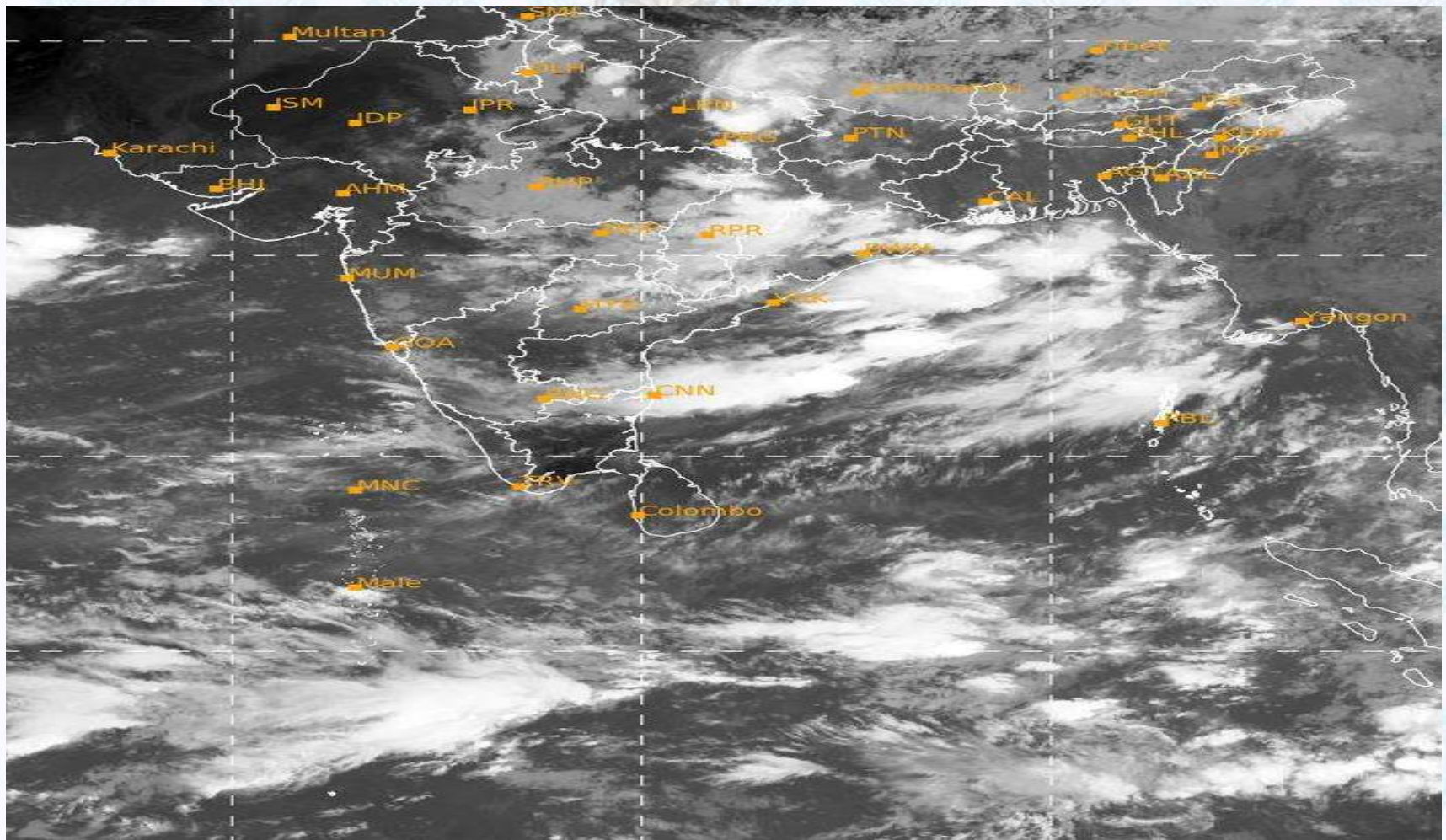
# GENERAL WEATHER FORECAST – KHULNA

Description	21 June 2020	22 June 2020	23 June 2020
<b>Temperature(C)</b>	31°C/ 26°C	31°C/ 26°C	32°C/ 26°C
<b>Summary</b>	Partly Cloudy	Partly Cloudy	Partly Cloudy
<b>Sun Rise/Set</b>	5h17m48s/18h50m00s	5h18m06s/18h50m18s	5h18m18s/18h50m30s
<b>Day Length</b>	13h32m12s	13h32m12s	13h32m12s
<b>Moon Rise/Set</b>	5:08 PM 7:00 AM	6:01 PM 7:56 AM	6:58 PM 8:49 AM
<b>Moon Phase/illu</b>	New Moon.0%	Waning Crescent.2%	Waning Crescent.7%
<b>Nautical Twilight</b>	0422, 1945	0421, 1944	0422, 1945
<b>Civil Twilight</b>	0452, 1914	0451, 1914	0452, 1915
<b>Humidity</b>	D : 84% N : 90%	D : 82% N : 89%	D : 80% N : 88%
<b>Barometer (mb)</b>	1001	1001	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	90%	80%	80%
<b>Wind (mph)</b>	18 km/h SE	19 km/h SSE	17 km/h SSE

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



# SATELLITE VIEW OF BAY OF BENGAL



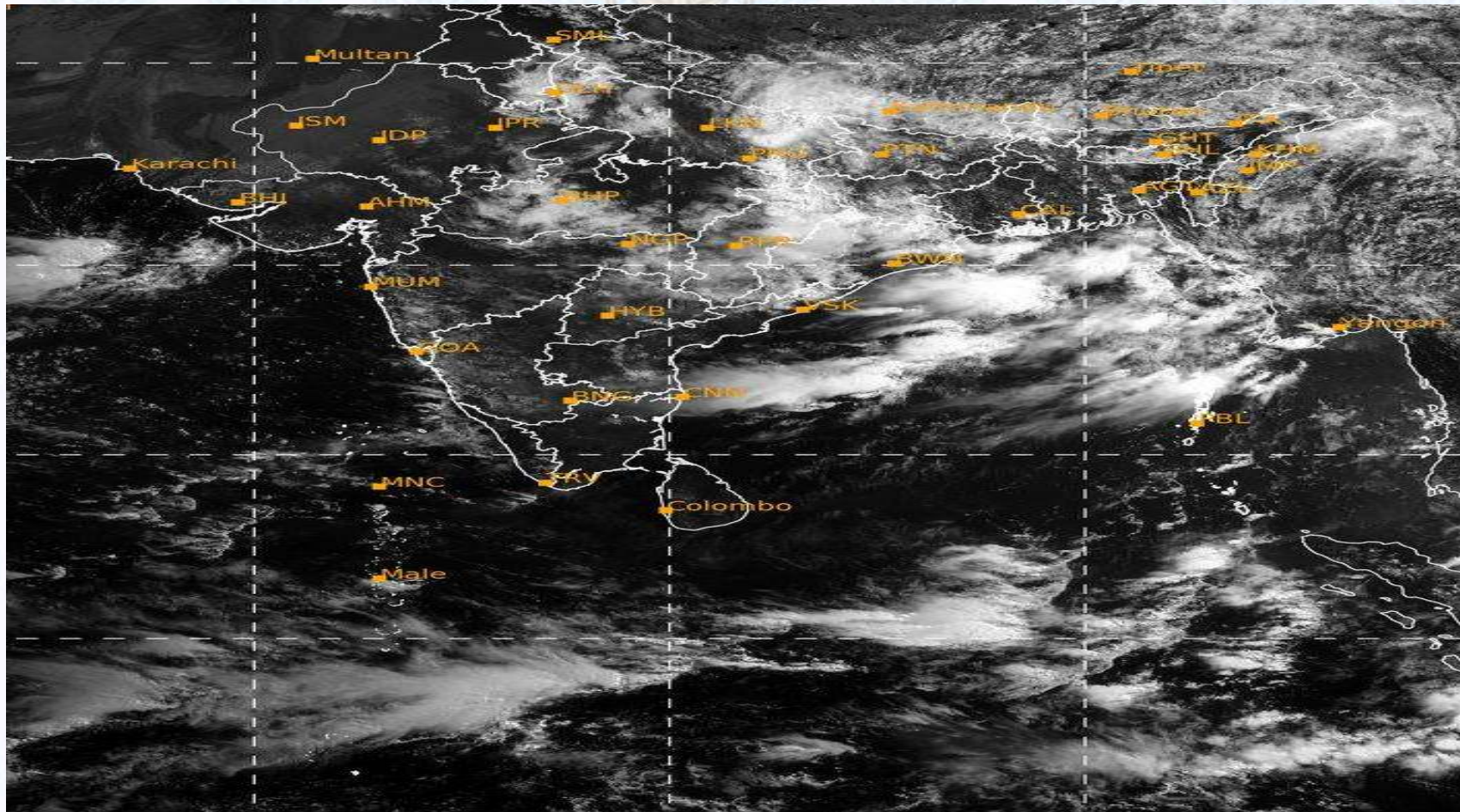
20/06/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



20/06/2020, 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 20.06.2020)

<b>Part One</b>	WARNING BAY OF BENGAL.	
<b>Part Two</b>	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE TO 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 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =20,0000 UTC. CHATTOGRAM =1004 HPA



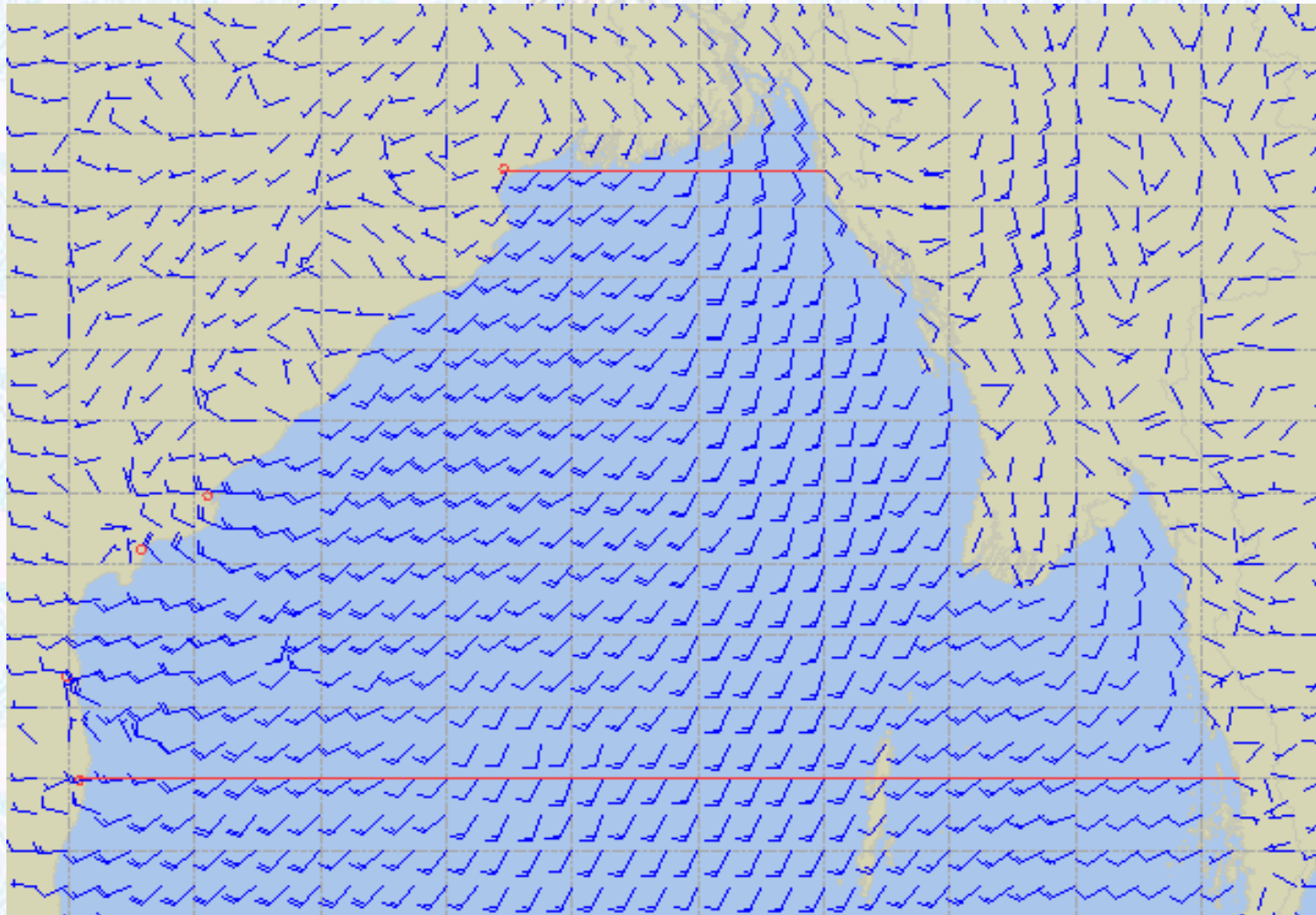
# Inland River Port Warning (VALID TILL 07 PM OF 20.06.2020)

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 PABNA, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE..

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



# Surface Wind Forecast- 21 June- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



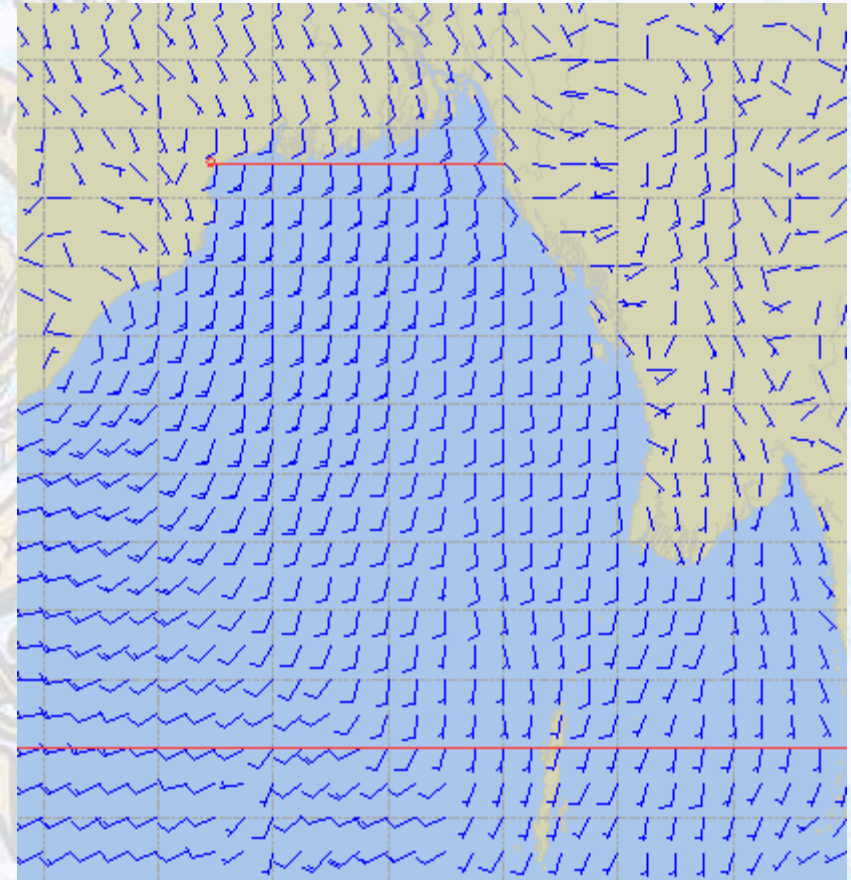
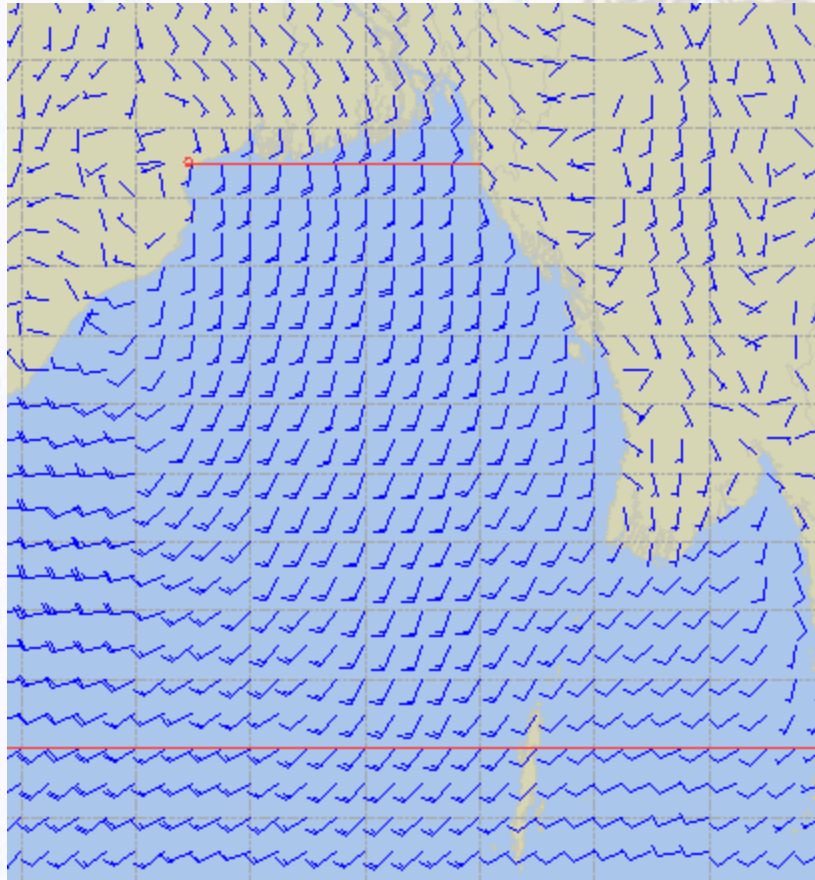
**60 Knots**



# Surface Wind Forecast – 22 & 23 June- 2020

22 June 2020 Monday

23 June 2020 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



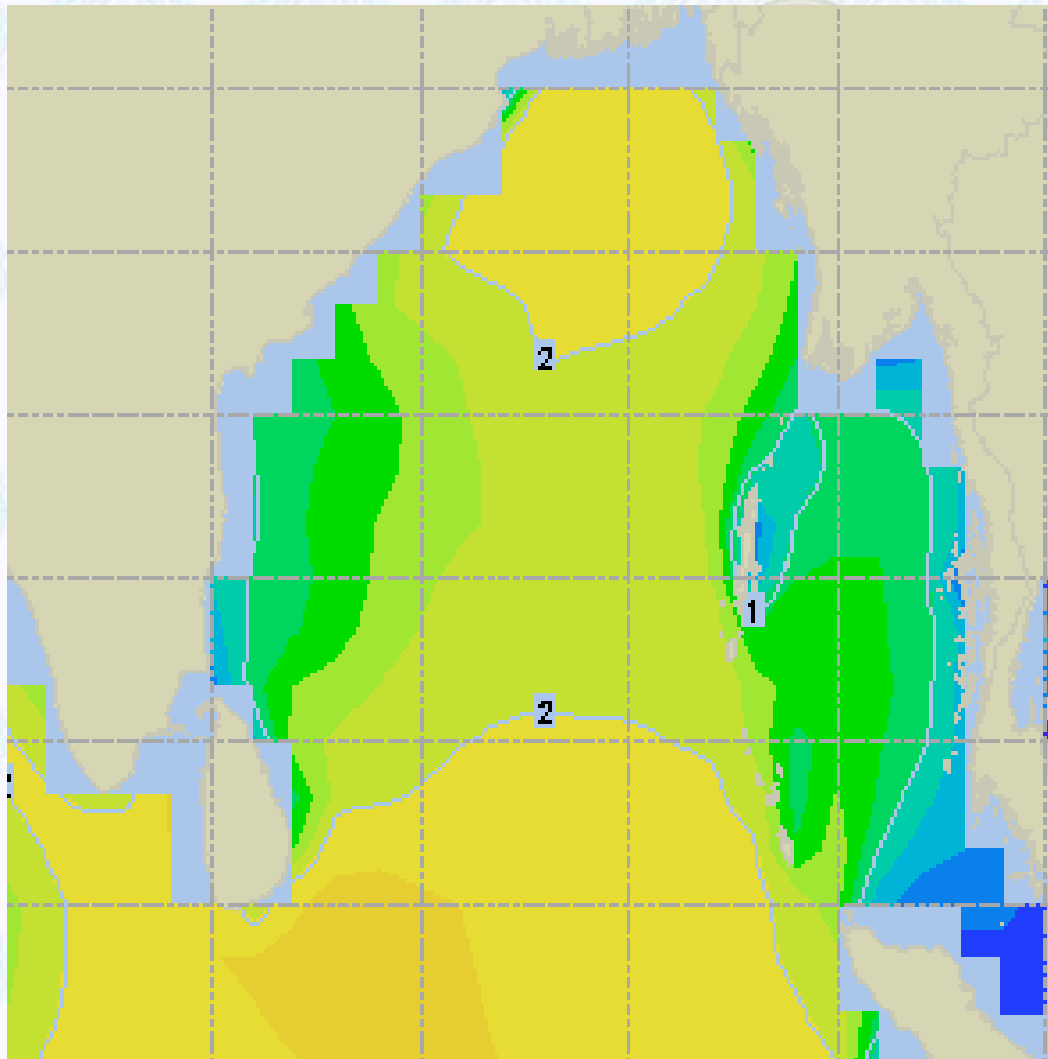
**10 Knots**



**60 Knots**



# Sea State Forecast – 21 June- 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

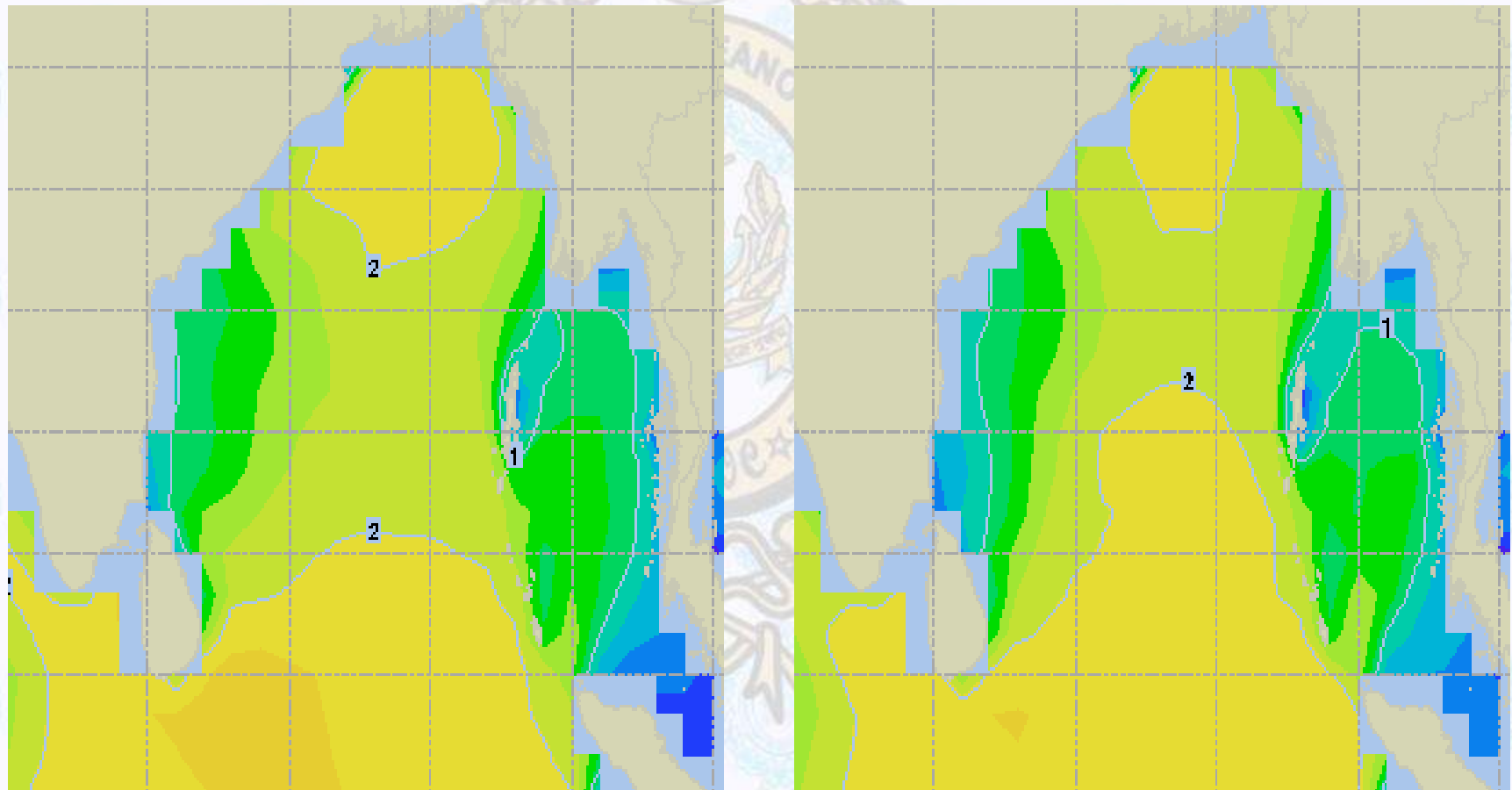




# Sea State Forecast – 22 & 23 June-2020

22 June 2020 Monday

23 June 2020 Tuesday

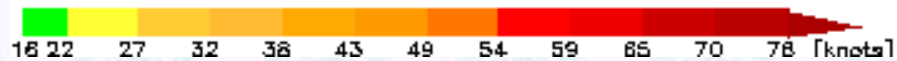
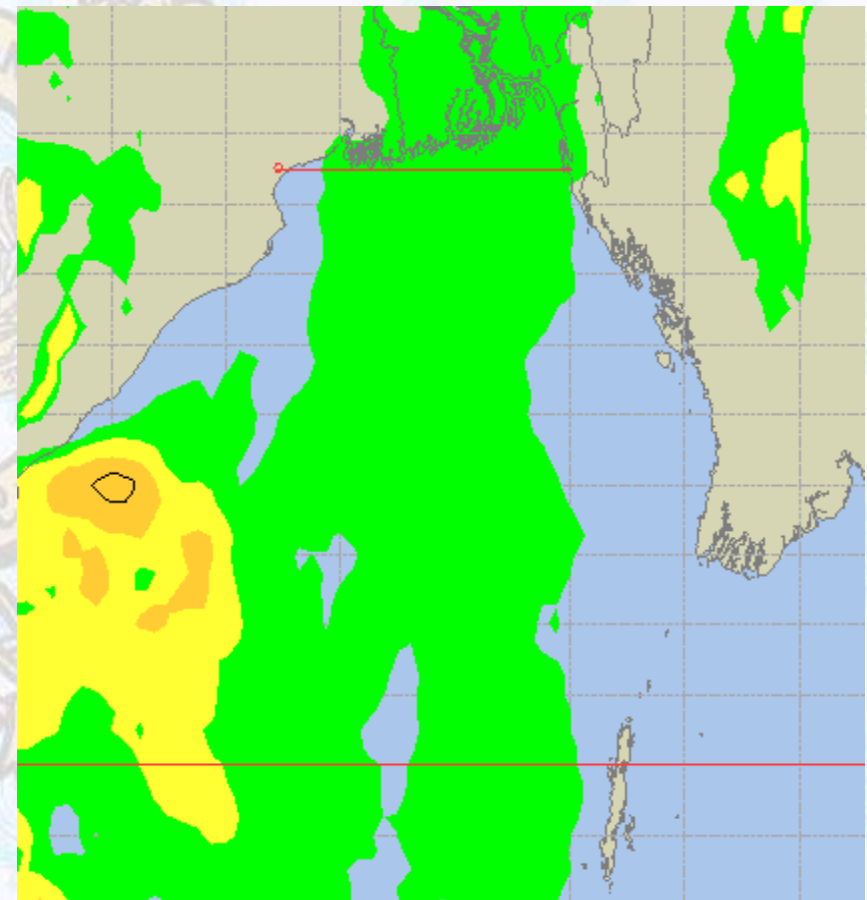
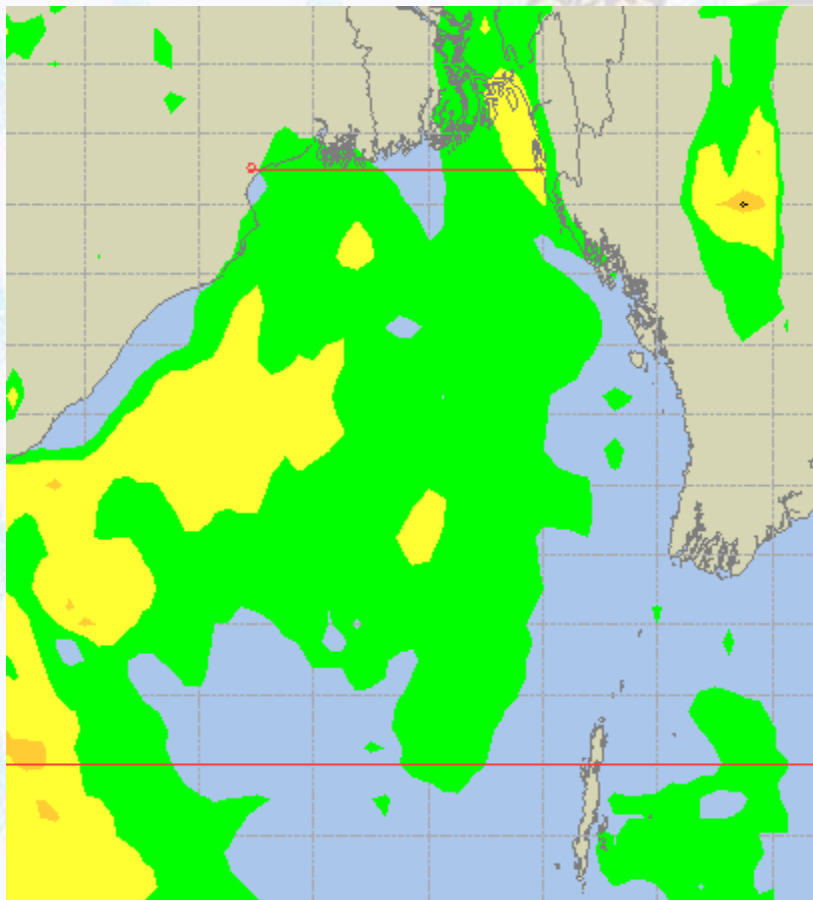




# Peak Gusting Possibilities— 21 & 22 June 2020

21 June 2020 Sunday

22 June 2020 Monday

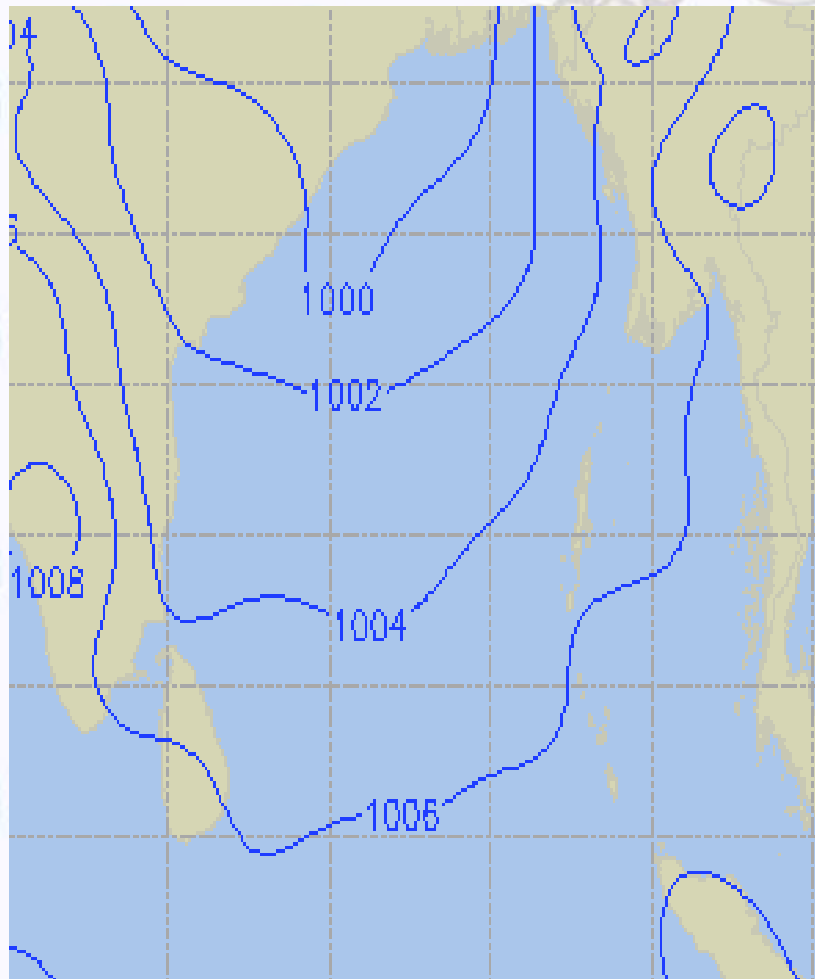




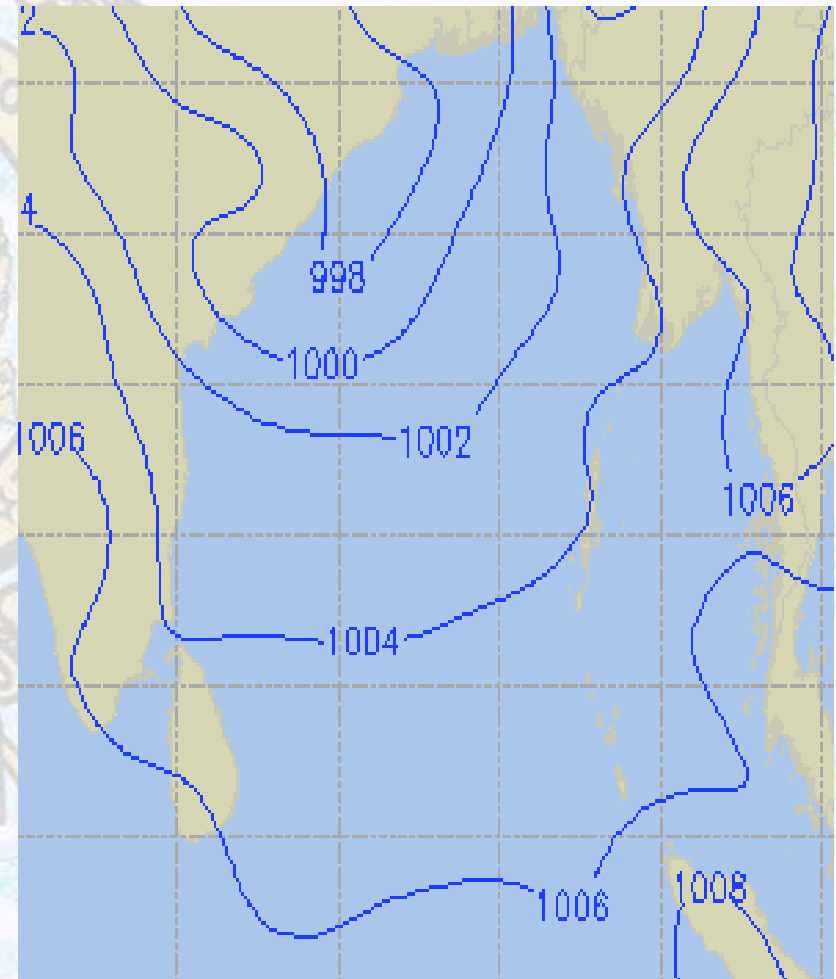


# Surface Pressure forecast– 21 & 22 June 2020

21 June 2020 Sunday



22 June 2020 Monday

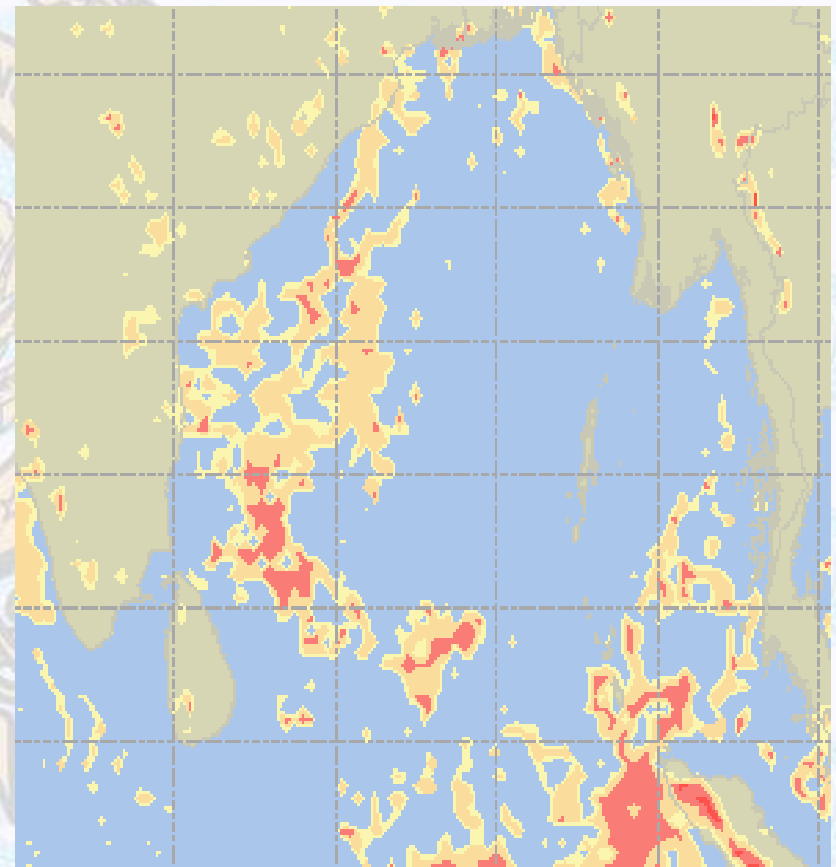
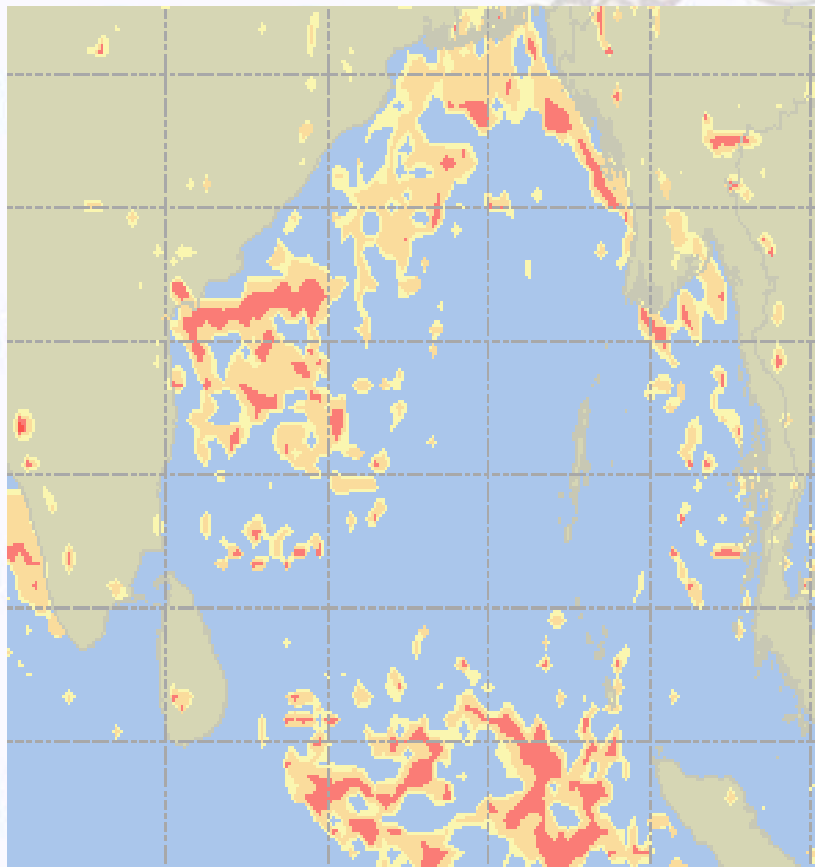




# Visibility at Sea Forecast – 21 & 22 June- 2020

21 June 2020 Sunday

22 June 2020 Monday



**Visibility Scale:**



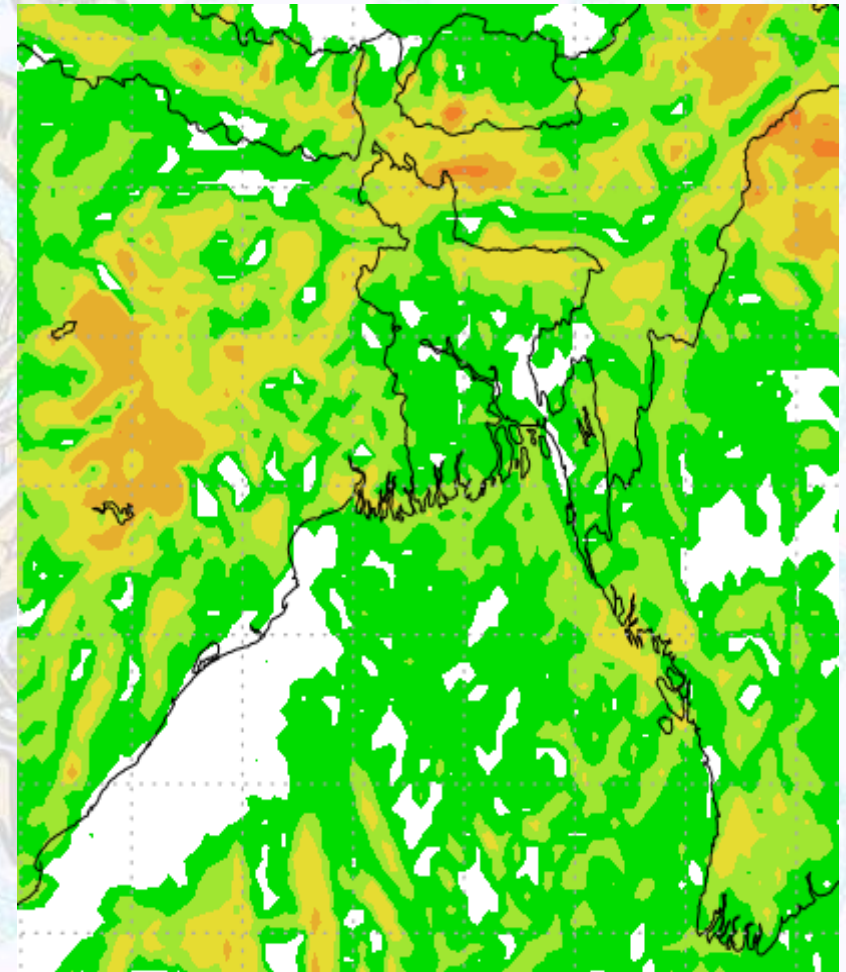
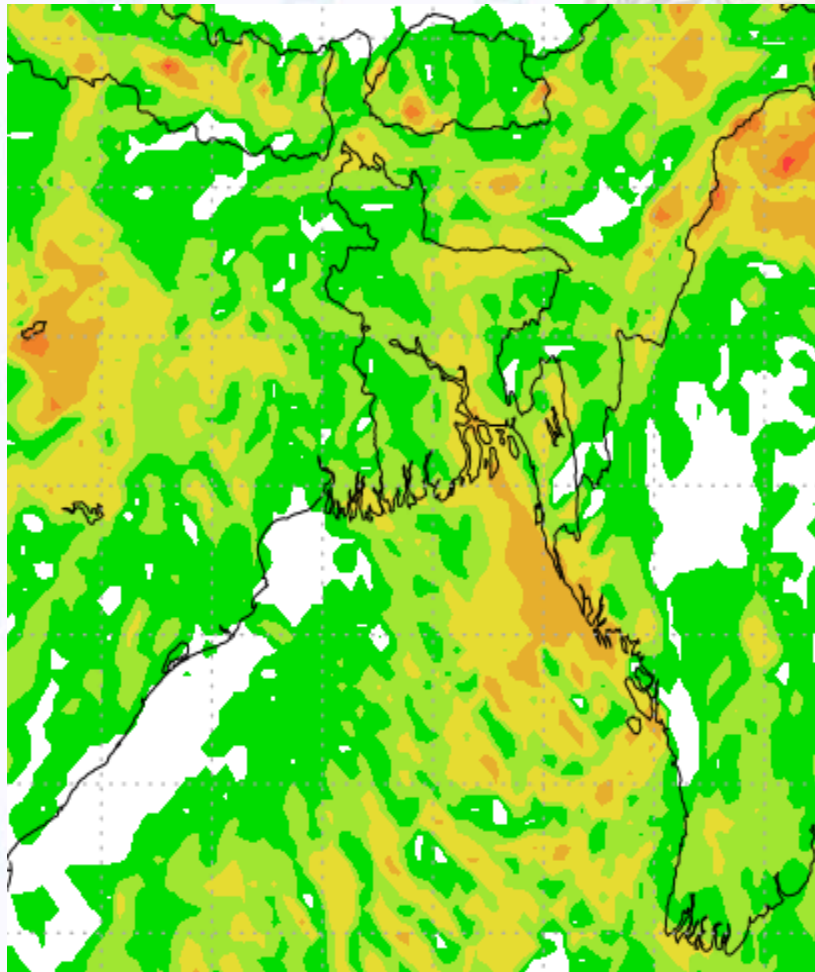
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



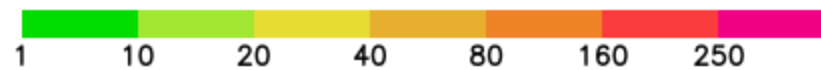
# Precipitation

Rain(mm) 21 & 22 June 2020

Rain(mm) 22 & 23 June 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>20 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0012	4.63		0417	1.05		0340	1.01
	0627	0.96		1007	3.69		0955	3.24
	1225	5.10		1645	1.07		1625	1.16
	1903	1.03		2219	3.35		2212	2.92
<b>21 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0047	4.71		0455	0.97		0420	0.93
	0704	0.90		1044	3.78		1031	3.30
	1259	5.17		1722	1.02		1703	1.09
	1940	1.01		2255	3.42		2250	2.97
<b>22 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0121	4.77		0532	0.92		0459	0.89
	0741	0.87		1121	3.83		1107	3.34
	1332	5.21		1759	1.00		1742	1.06
	2017	1.02		2331	3.44		2327	3.00