



**WEATHER FORECAST FOR BN**

**19 - 22 JUNE 2020**



# WEATHER FORECAST – DHAKA

## 19.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	30 / 25	28 / 25	28 / 25
Wind	13 km/h SSE	14 km/h SSE	11 km/h SSE	12 km/h SSE
Humidity	77%	76%	84%	87%
Chance of Precip	42%	17%	34%	39%
Cloud Cover	82%	85%	85%	85%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 13 AM 6: 49 PM			

### Conditions

Pressure : 1002 hpa

Visibility : 3.54 km

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



# WEATHER FORECAST – CHATTOGRAM

## 19.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 26	27 / 26	27 / 26
Wind	13 km/h S	17 km/h S	14 km/h SSE	13 km/h SE
Humidity	87%	88%	91%	93%
Chance of Precip.	19%	16%	52%	49%
Cloud Cover	89%	86%	81%	85%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 10 AM 6: 40 PM			

### Conditions

Pressure : 1004 hpa

Visibility : 6.44 Km

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



# WEATHER FORECAST – KHULNA

## 19.06.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 27	31 / 28	28 / 27	28 / 27
Wind	12 km/h S	13 km/h S	10 km/h SSE	8 km/h SSE
Humidity	78%	82%	90%	93%
Chance of Precip.	88%	24%	24%	34%
Cloud Cover	86%	84%	72%	59%
Conditions	Thunderstorms	Thunderstorms	Thunderstorms	Thunderstorms
Sunrise Sunset	5: 19 AM 6: 50 PM			

### Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	20 June 2020	21 June 2020	22 June 2020
<b>Temperature (C)</b>	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h12m00s/18h48m36s	5h12m12s/18h48m48s	5h12m30s/18h49m06s
<b>Day Length</b>	13h36m36s	13h36m36s	13h36m36s
<b>Moon Rise/ Set</b>	4:13 PM 6:01 AM	5:01 PM 6:58 AM	5:54 PM 7:54 AM
<b>Moon Phase/ illu</b>	Waning Crescent .0%	New Moon.0%	Waning Crescent.2%
<b>NauticalTwilight</b>	0415,1944	0416,1944	0415,1943
<b>Civil Twilight</b>	0446,1913	0446,1913	0446,1913
<b>Humidity</b>	D : 79% N : 87%	D : 81% N : 87%	D : 79% N : 86%
<b>Barometer (mb)</b>	1002	1002	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	17 Km/h SE	19 Km/h SSE	20 Km/h SSE

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 June 2020	21 June 2020	22 June 2020
<b>Temperature (C)</b>	29 °C/ 26 °C	29 °C/ 26 °C	30 °C/ 26 °C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h09m30s/18h39m30s	5h09m42s/18h39m42s	5h10m00s/18h40m00s
<b>Day Length</b>	13h30m00s	13h30m00s	13h30m00s
<b>Moon Rise/ Set</b>	4:10 PM 5:52 AM	4:58PM 6:49 AM	5:51 PM 7:45 AM
<b>Moon Phase/ illu</b>	Waning Crescent .0%	New Moon.0%	Waning Crescent.2%
<b>NauticalTwilight</b>	0414, 1934	0414, 1934	0413, 1933
<b>Civil Twilight</b>	0444, 1904	0444, 1904	0443, 1903
<b>Humidity</b>	D : 88% N : 93%	D : 89% N : 94%	D : 86% N : 93%
<b>Barometer (mb)</b>	1004	1003	1002
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	19 Km/h SSE	19 Km/h SSE	19 Km/h SSE

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



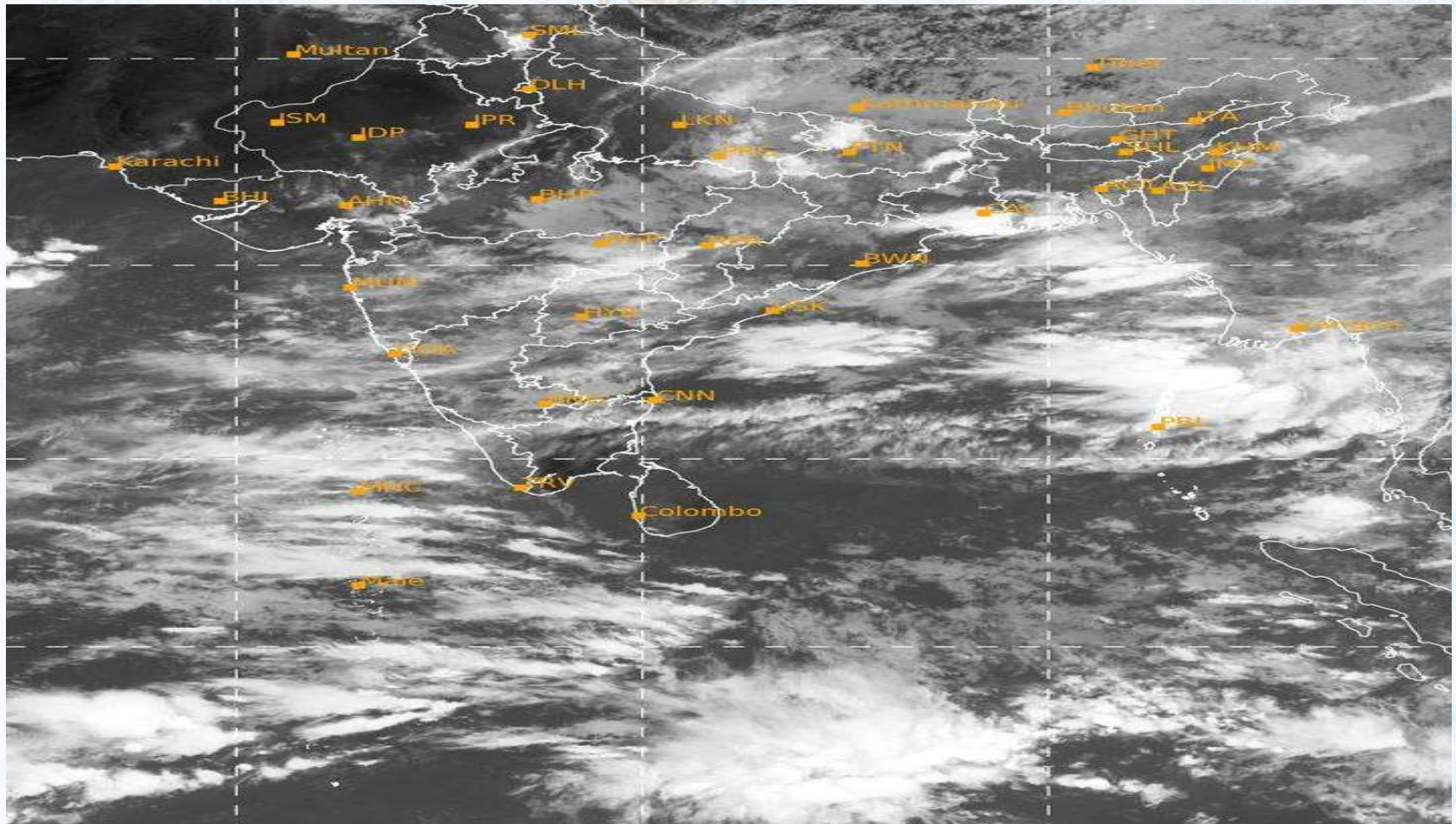
# GENERAL WEATHER FORECAST – KHULNA

Description	20 June 2020	21 June 2020	22 June 2020
<b>Temperature(C)</b>	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
<b>Summary</b>	Thunderstorms	Thunderstorms	Thunderstorms
<b>Sun Rise/Set</b>	5h17m36s/18h49m48s	5h17m48s/18h50m00s	5h18m06s/18h50m18s
<b>Day Length</b>	13h32m12s	13h32m12s	13h32m12s
<b>Moon Rise/Set</b>	4:20 PM 6:03 AM	5:08 PM 7:00 AM	6:01 PM 7:56 AM
<b>Moon Phase/illu</b>	Waning Crescent .0%	New Moon.0%	Waning Crescent.2%
<b>Nautical Twilight</b>	0422, 1944	0422, 1945	0421, 1944
<b>Civil Twilight</b>	0452, 1914	0452, 1914	0451, 1914
<b>Humidity</b>	D : 81% N : 89%	D : 83% N : 89%	D : 81% N : 89%
<b>Barometer (mb)</b>	1001	1000	1000
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	80%	90%	80%
<b>Wind (mph)</b>	15 km/h SE	16 km/h SE	20 km/h SE

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



# SATELLITE VIEW OF BAY OF BENGAL



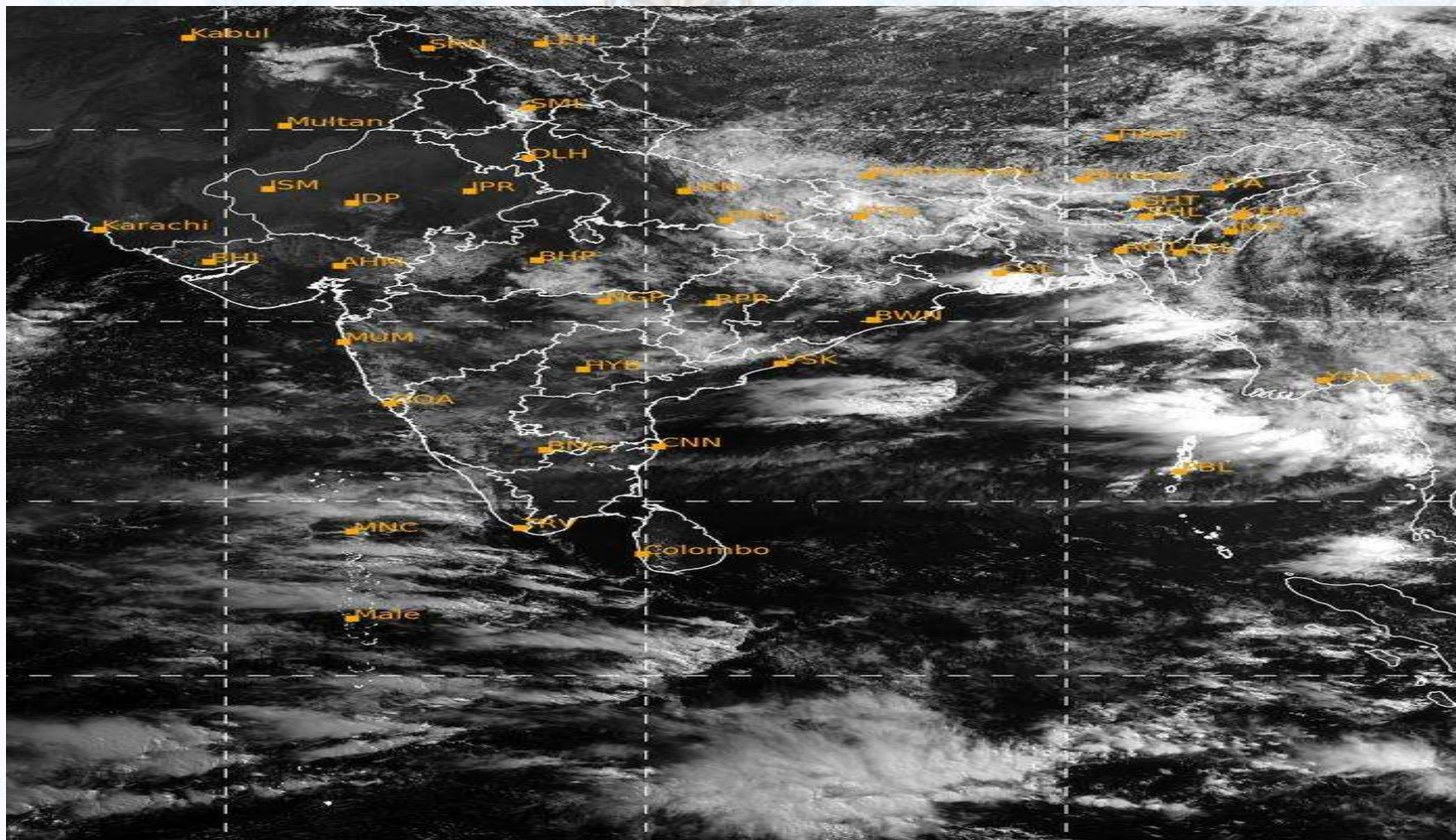
19/06/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/06/2020, 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 19.06.2020)

<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	02-04 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT =19,0000 UTC. CHATTOGRAM =1004 HPA



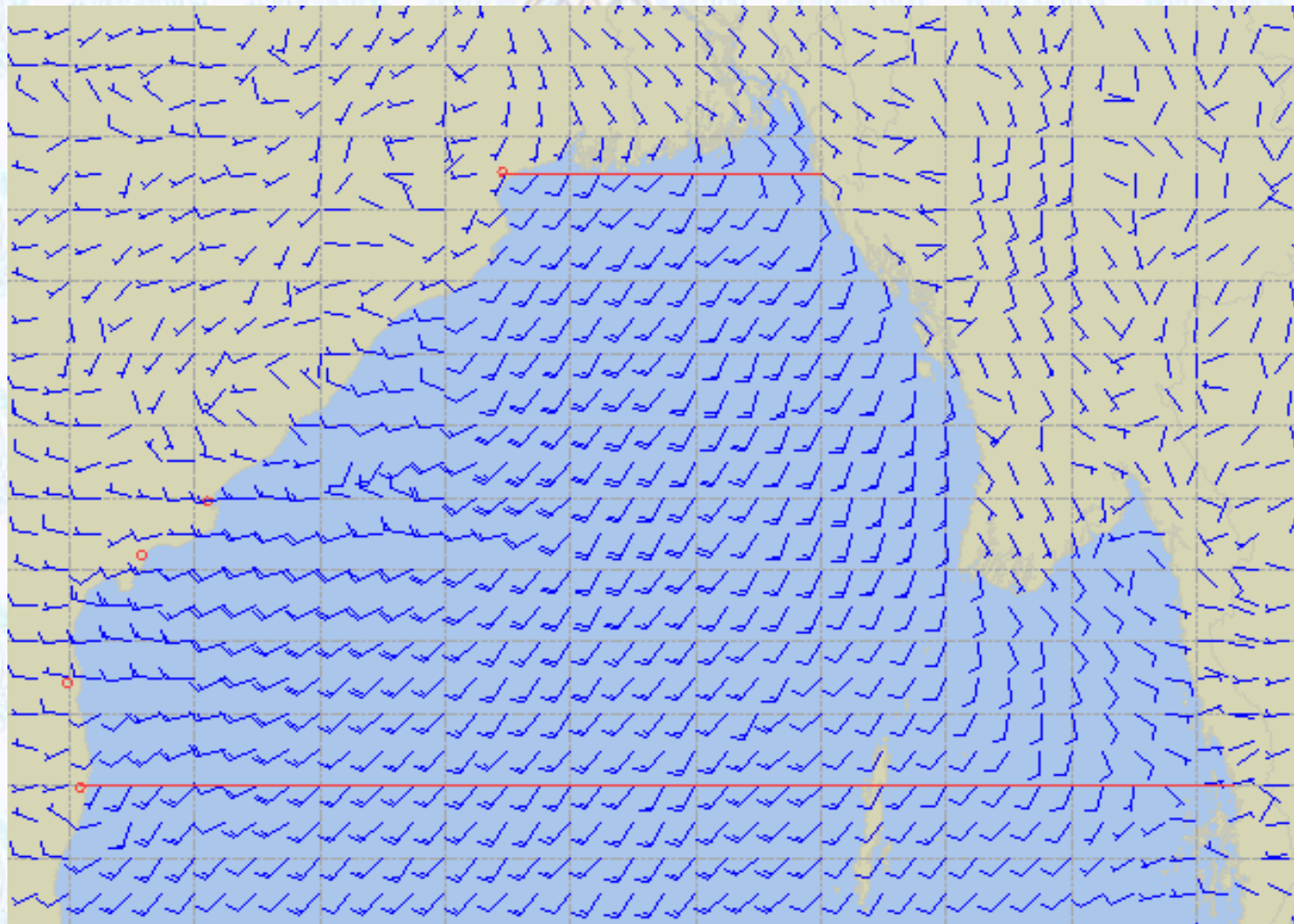
# Inland River Port Warning (VALID TILL 07 PM OF 19.06.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-ASTERLY GUSTY/SQUALLY **WIND SPEED 45-60KPH** IS LIKELY TO OCCUROVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX&#39;S BAZAR, DHAKA, FARIDPUR, MADARIPUR, TANGAIL, MYMENISNGH AND SYLHET **WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.**

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



# Surface Wind Forecast- 20 June- 2020



## Legend:



Calm  
Winds



5 Knots



10 Knots



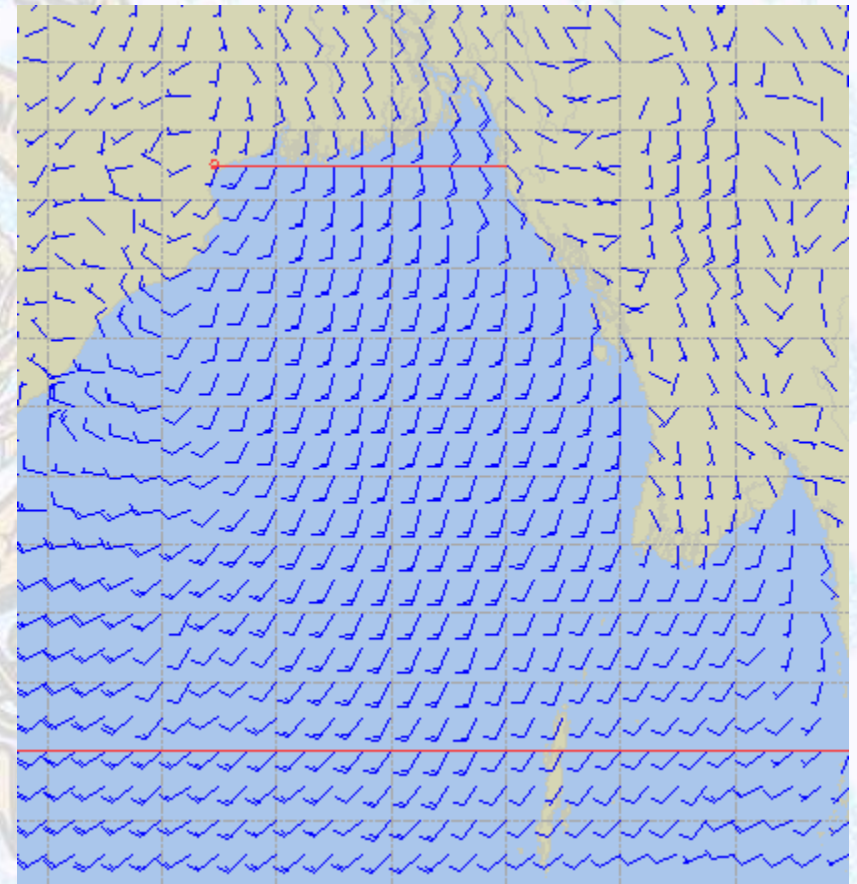
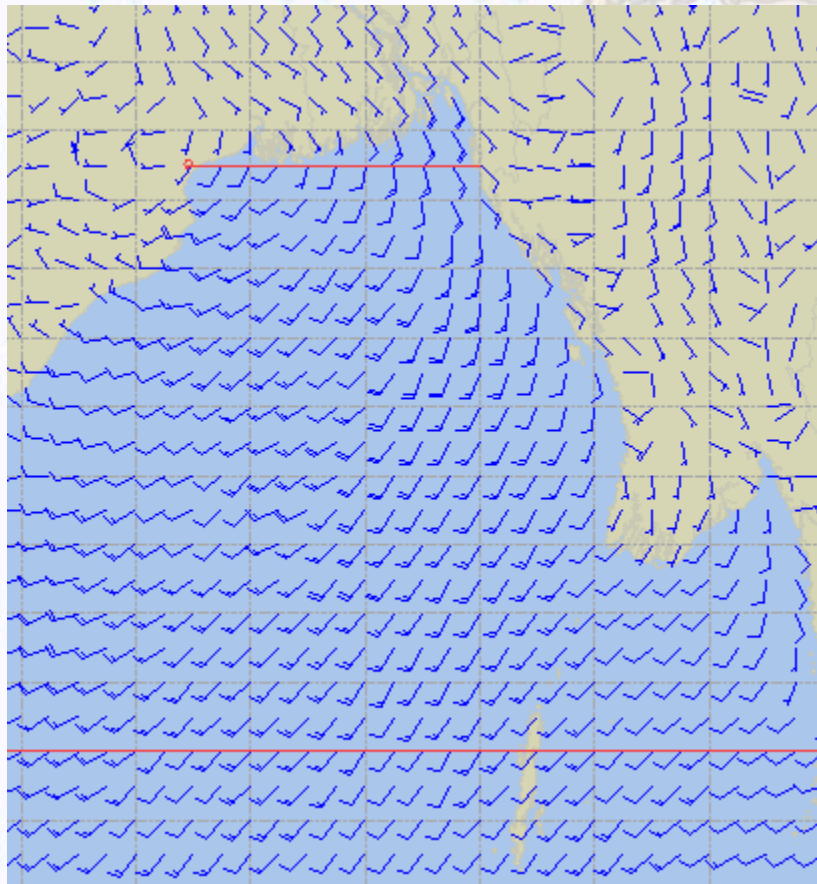
60 Knots



# Surface Wind Forecast – 21 & 22 June- 2020

21 June 2020 Sunday

22 June 2020 Monday



**Legend:**



**Calm  
Winds**



**5 Knots**



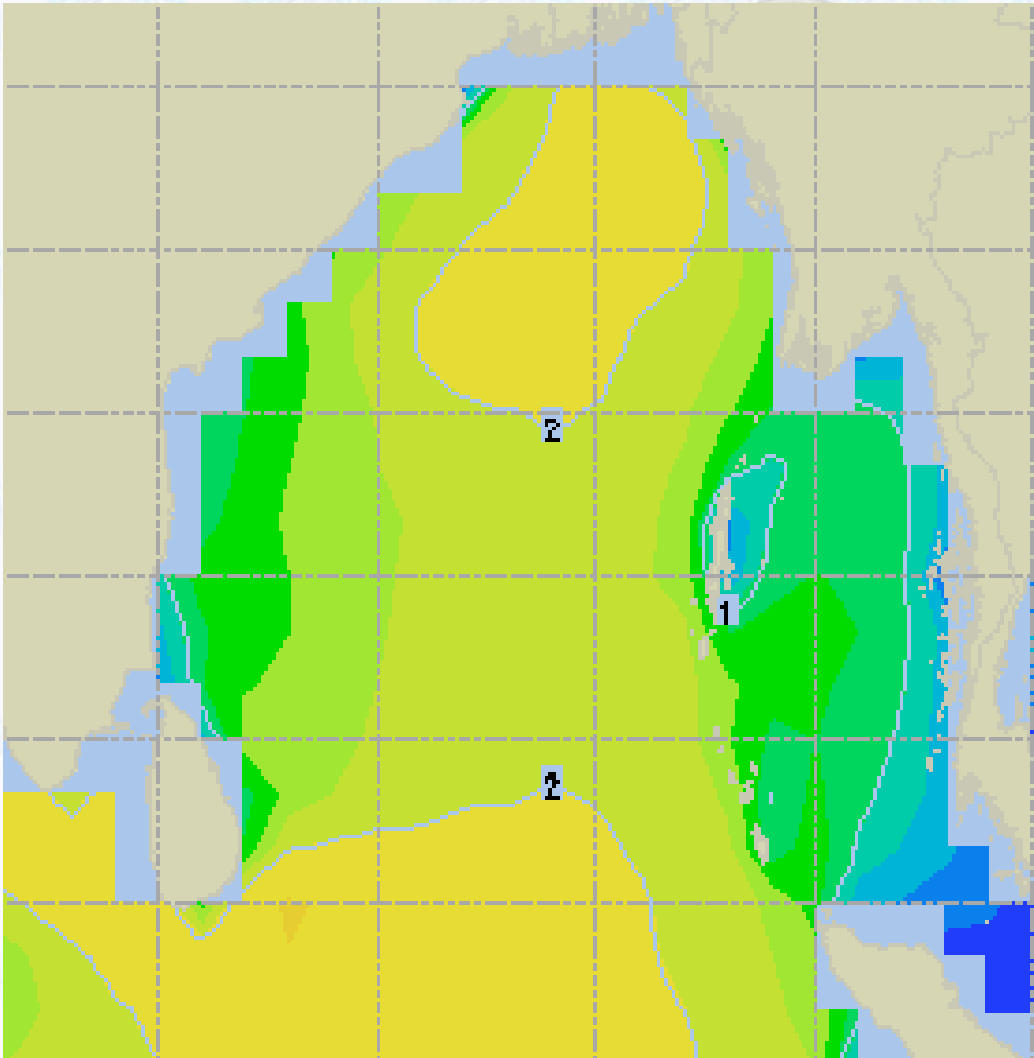
**10 Knots**



**60 Knots**



# Sea State Forecast – 20 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

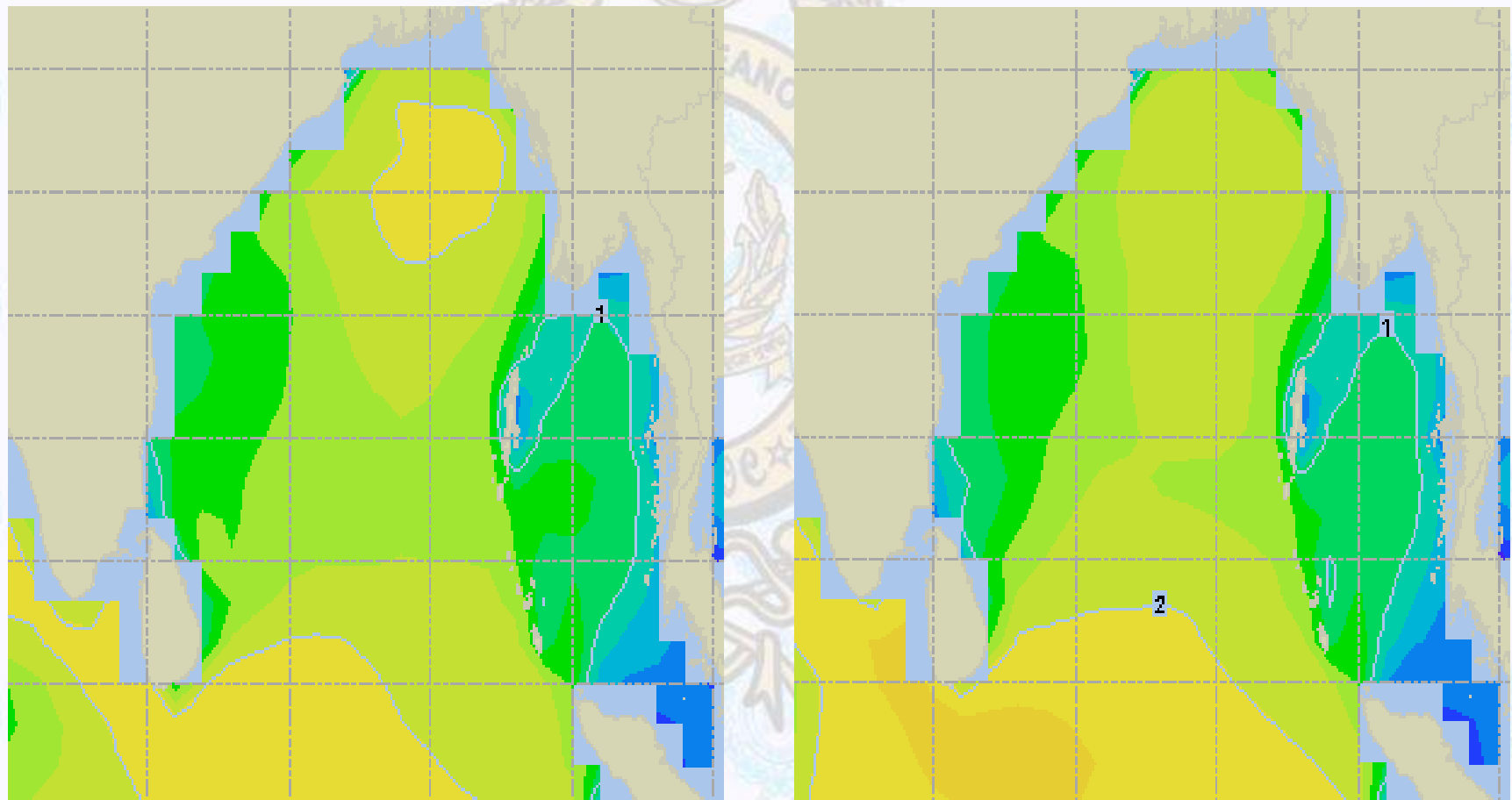




# Sea State Forecast – 21 & 22 June-2020

21 June 2020 Sunday

22 June 2020 Monday

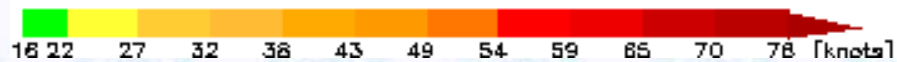
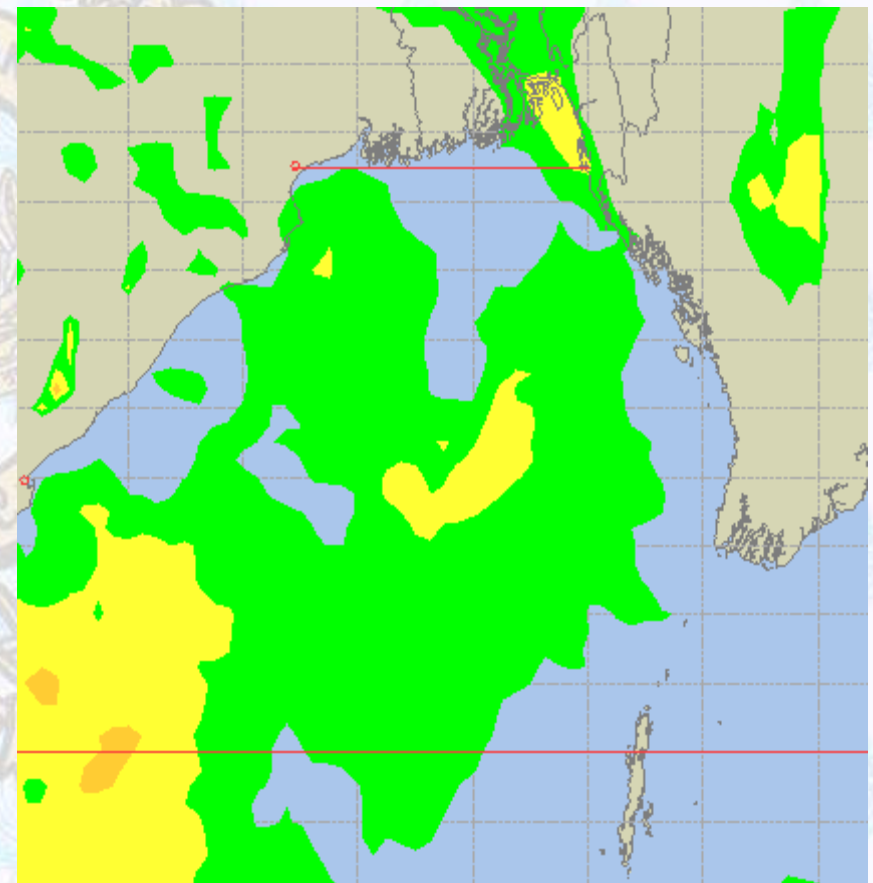
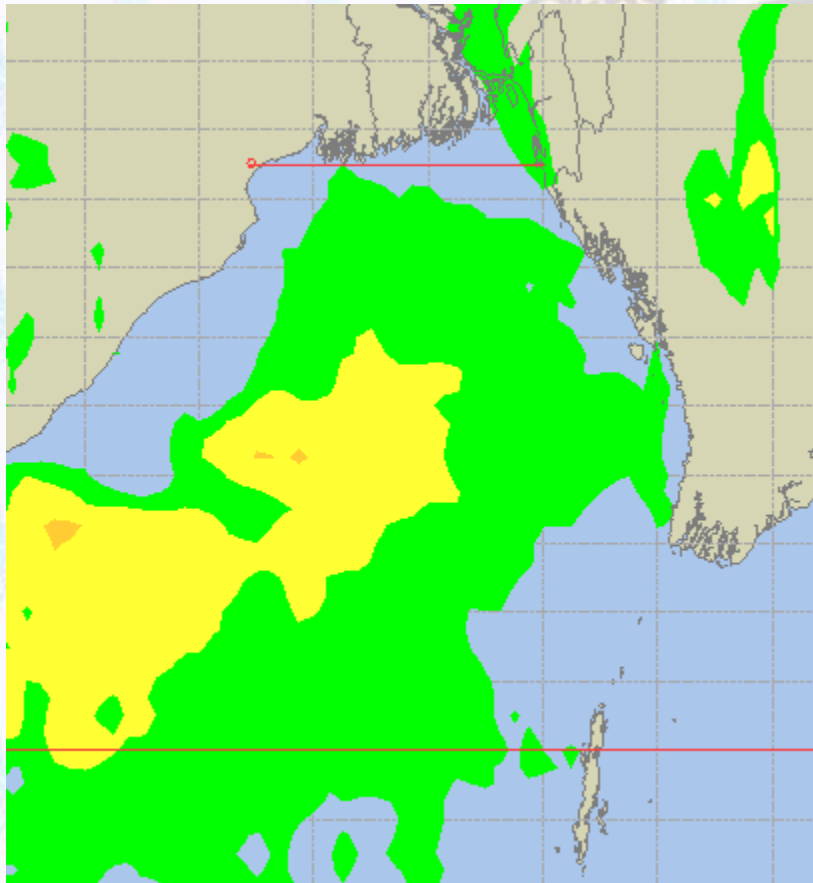




# Peak Gusting Possibilities— 20 & 21 June 2020

20 June 2020 Saturday

21 June 2020 Sunday

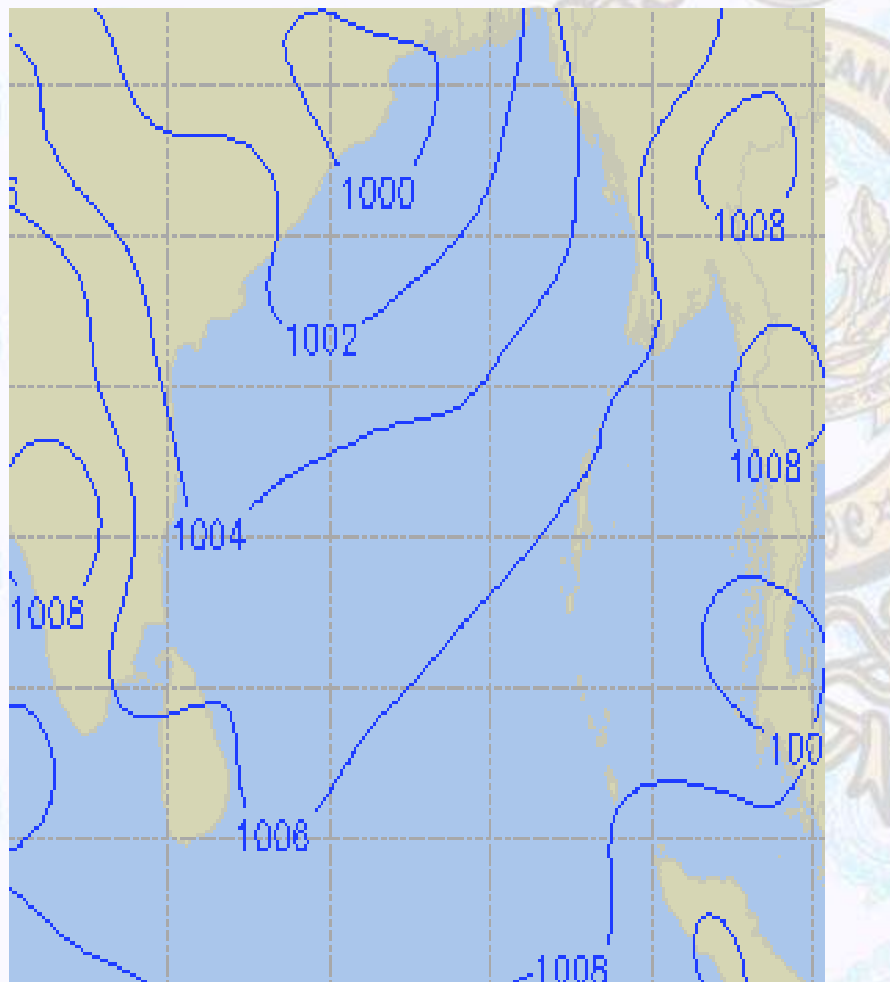




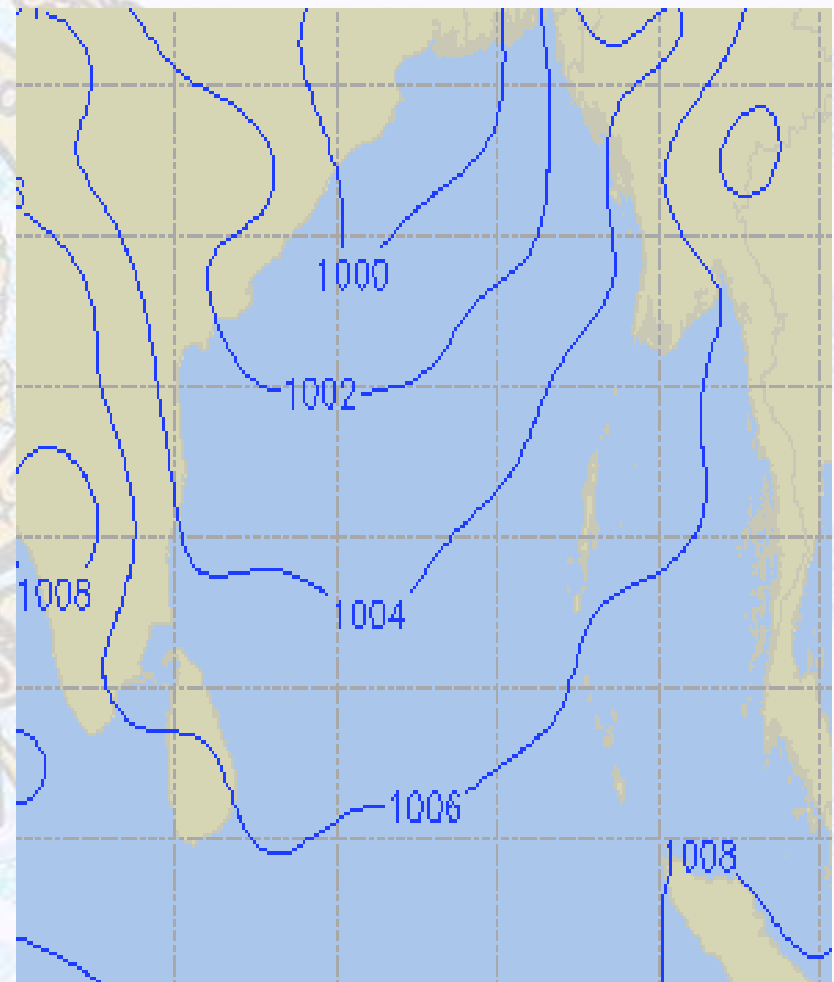


# Surface Pressure forecast– 20 & 21 June 2020

20 June 2020 Saturday



21 June 2020 Sunday

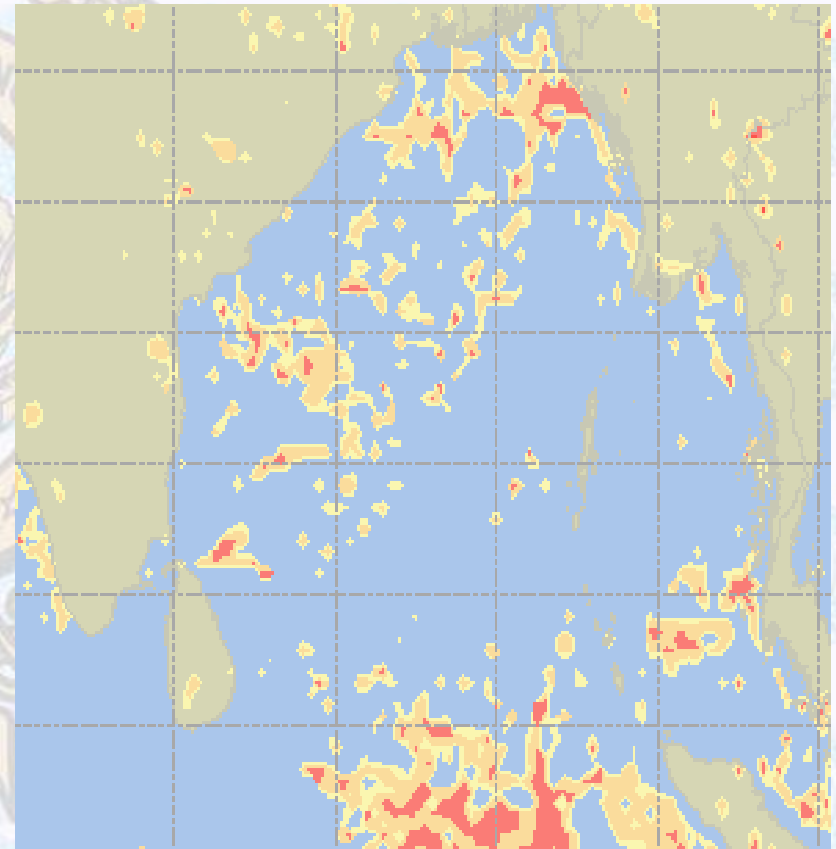
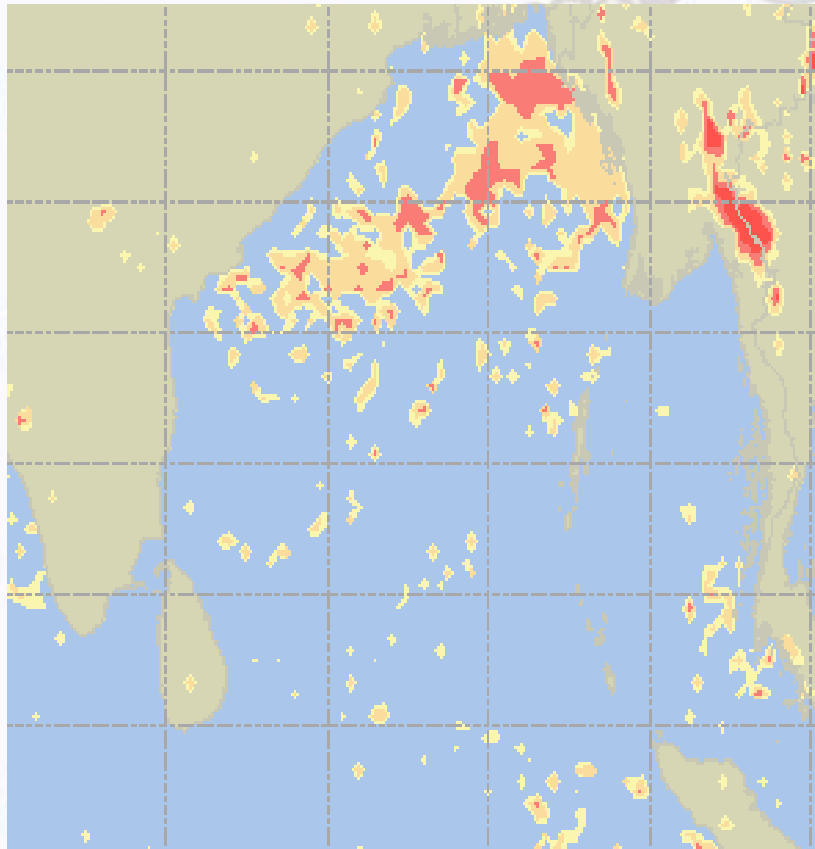




# Visibility at Sea Forecast – 20 & 21 June- 2020

20 June 2020 Saturday

21 June 2020 Sunday



**Visibility Scale:**



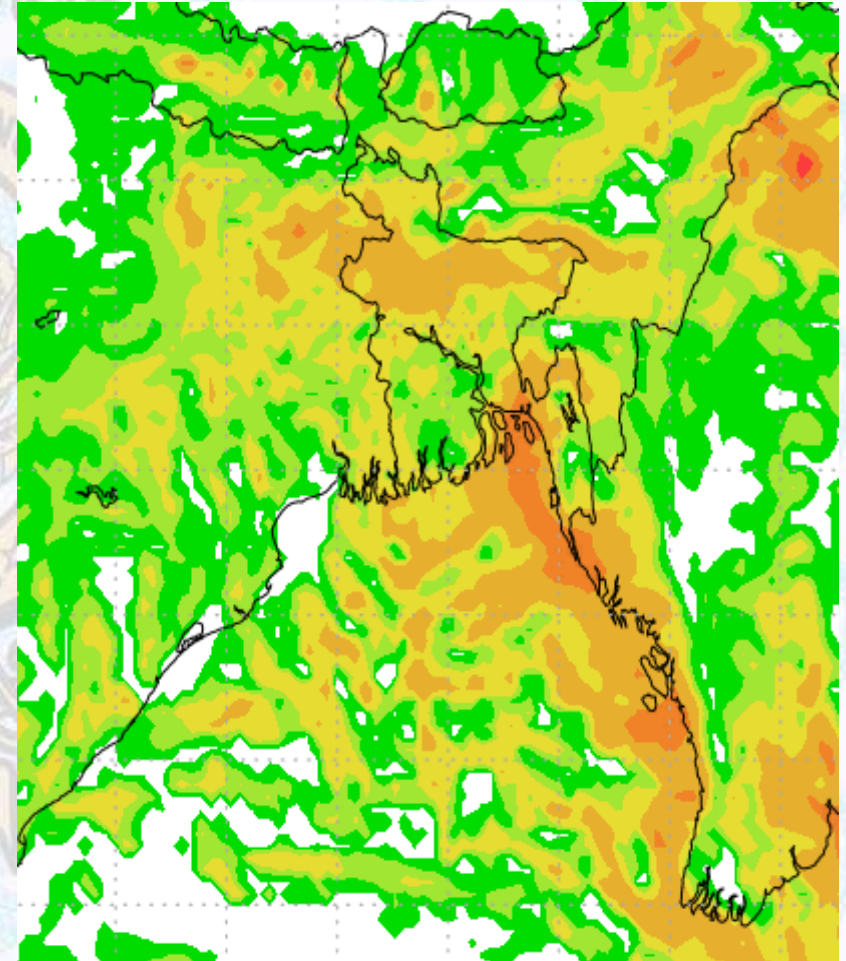
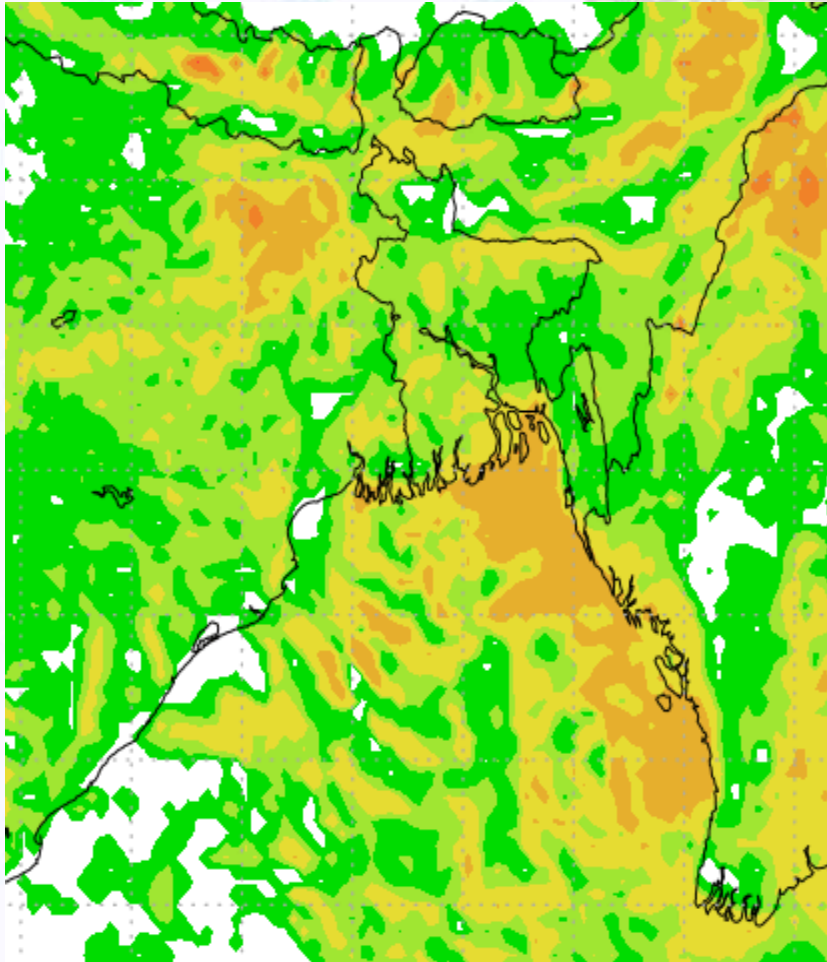
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



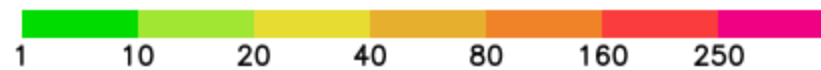
# Precipitation

Rain(mm) 20 & 21 June 2020

Rain(mm) 21 & 22 June 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>19 June 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0548	1.06		0336	1.16		0259	1.10
	1150	4.99		0930	3.54		0918	3.15
	1825	1.08		1607	1.14		1546	1.24
	-	-		2144	3.25		2134	2.85
<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