



# WEATHER FORECAST FOR BN

*18 JULY - 21 JULY 2020*





# WEATHER FORECAST – DHAKA

## 18.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32/ 26	32 / 26	30 / 25	29 / 25
Wind	16 km/h S	16 km/h S	12 km/h S	13 km/h S
Humidity	69%	71%	78%	81%
Chance of Precip	36%	35%	22%	11%
Cloud Cover	74%	86%	90%	91%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 21 AM 6: 47 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 4.02 km

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





# WEATHER FORECAST – CHATTOGRAM

## 18.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	29 / 26	28 / 26
Wind	16 km/h SSW	14 km/h SSW	11 km/h S	11 km/h SSE
Humidity	84%	84%	87%	91%
Chance of Precip.	17%	43%	49%	65%
Cloud Cover	80%	81%	86%	92%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 18 AM			
Sunset	6: 39 PM			

### Conditions

Pressure : 1006 hpa

Visibility : 9.66 Km

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



# WEATHER FORECAST – KHULNA

## 18.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	33 / 28	32 / 27	30 / 27	29 / 27
Wind	17 km/h S	18 km/h SSW	13 km/h SSW	12 km/h SSW
Humidity	77%	75%	86%	87%
Chance of Precip.	24%	18%	12%	10%
Cloud Cover	81%	79%	77%	81%
Conditions	Cloudy	Cloudy	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 27 AM 6: 49 PM			

### Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	19 July 2020	20 July 2020	21 July 2020
<b>Temperature (C)</b>	32 °C/ 27 °C	31 °C/ 27 °C	30 °C/ 27 °C
<b>Summary</b>	Cloudy	Cloudy	Cloudy
<b>Sun Rise/Set</b>	5h22m18s/18h47m36s	5h22m42s/18h47m18s	5h23m00s/18h46m54s
<b>Day Length</b>	13h25m18s	13h24m36s	13h23m54s
<b>Moon Rise/ Set</b>	3:43 PM 5:43 AM	4:39 PM 6:39 AM	5:40 PM 7:31 AM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	0427,1941	0428,1941	0428,1940
<b>Civil Twilight</b>	0457,1911	0457,1911	0458,1911
<b>Humidity</b>	D : 76% N : 81%	D : 77% N : 82%	D : 81% N : 85%
<b>Barometer (mb)</b>	1004	1003	1003
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	90%	90%	100%
<b>Wind (mph)</b>	18 Km/h SSW	18 Km/h SSW	16 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 July 2020	20 July 2020	21 July 2020
<b>Temperature (C)</b>	29° C/ 26° C	29° C/ 26° C	29° C/ 26° C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h19m24s/18h39m00s	5h19m48s/18h38m48s	5h20m00s/18h38m24s
<b>Day Length</b>	13h19m19s	13h19m00s	13h18m24s
<b>Moon Rise/ Set</b>	3:40 PM 5:34 AM	4:36 PM 6:30 AM	5:37 PM 7:23 AM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	0425, 1932	0426, 1931	0426, 1931
<b>Civil Twilight</b>	0454, 1903	0455, 1902	0455, 1902
<b>Humidity</b>	D : 88% N : 94%	D : 88% N : 94%	D : 89% N : 95%
<b>Barometer (mb)</b>	1006	1006	1006
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	90%	80%	90%
<b>Wind (mph)</b>	15 Km/h S	17 Km/h S	14 Km/h S

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





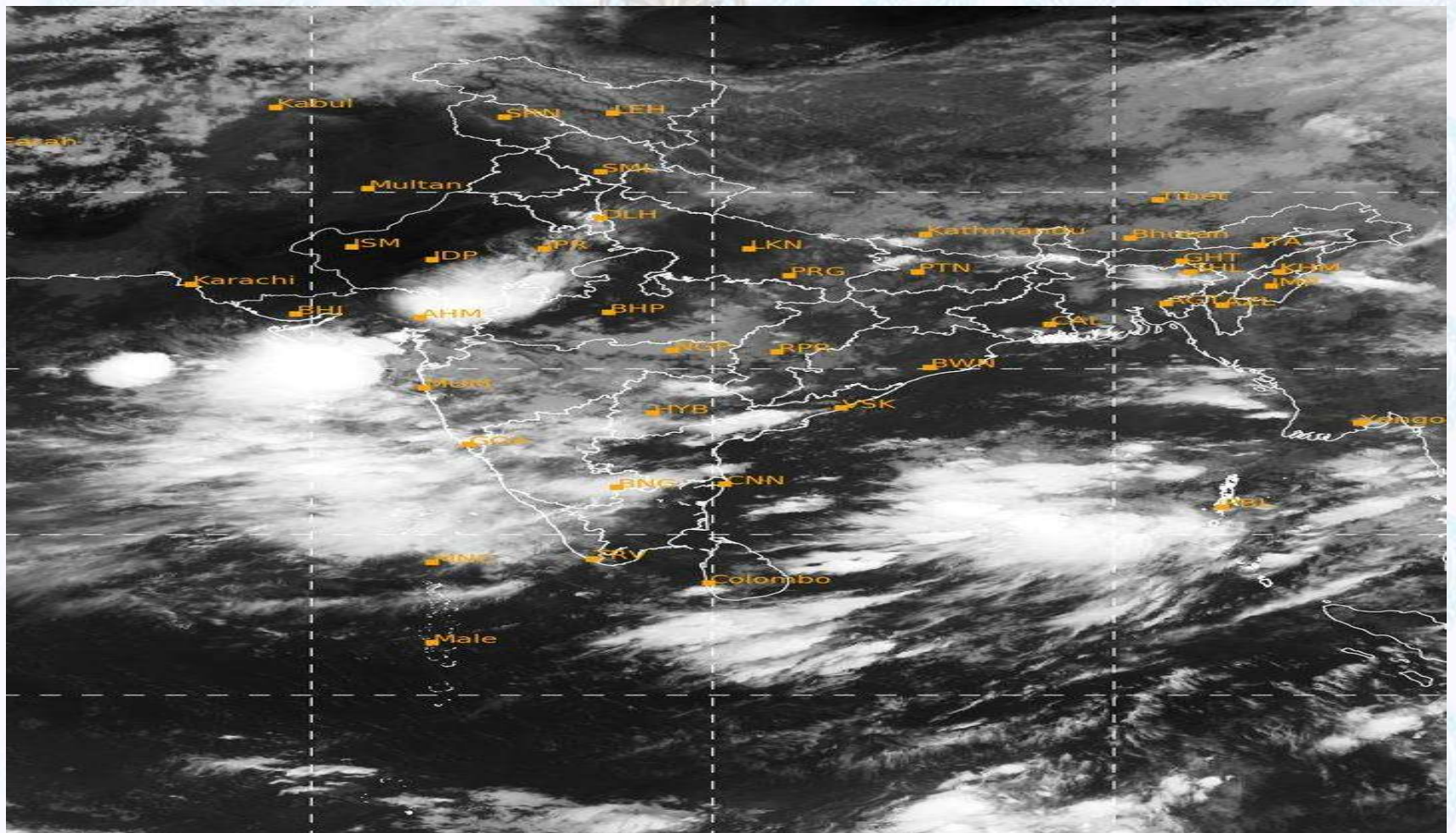
# GENERAL WEATHER FORECAST – KHULNA

Description	19 July 2020	20 July 2020	21 July 2020
<b>Temperature(C)</b>	32°C/ 27°C	32°C/ 27°C	31°C/ 27°C
<b>Summary</b>	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
<b>Sun Rise/Set</b>	5h27m36s/18h49m12s	5h27m54s/18h48m54s	5h28m12s/18h48m30s
<b>Day Length</b>	13h21m36s	13h21m00s	13h20m18s
<b>Moon Rise/Set</b>	3:50 PM 5:45 AM	4:46 PM 6:40 AM	5:47 PM 7:33 AM
<b>Moon Phase/illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	0433, 1942	0434, 1942	0434, 1941
<b>Civil Twilight</b>	0502, 1913	0503, 1912	0503, 1912
<b>Humidity</b>	D : 78%    N : 84%	D : 79%    N : 84%	D : 82%    N : 88%
<b>Barometer (mb)</b>	1004	1003	1003
<b>Visibility</b>	Good	Good	Good
<b>Precip Chance</b>	80%	80%	100%
<b>Wind (mph)</b>	20 km/h SSW	20 km/h SSW	17 km/h SSW

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



# SATELLITE VIEW OF BAY OF BENGAL



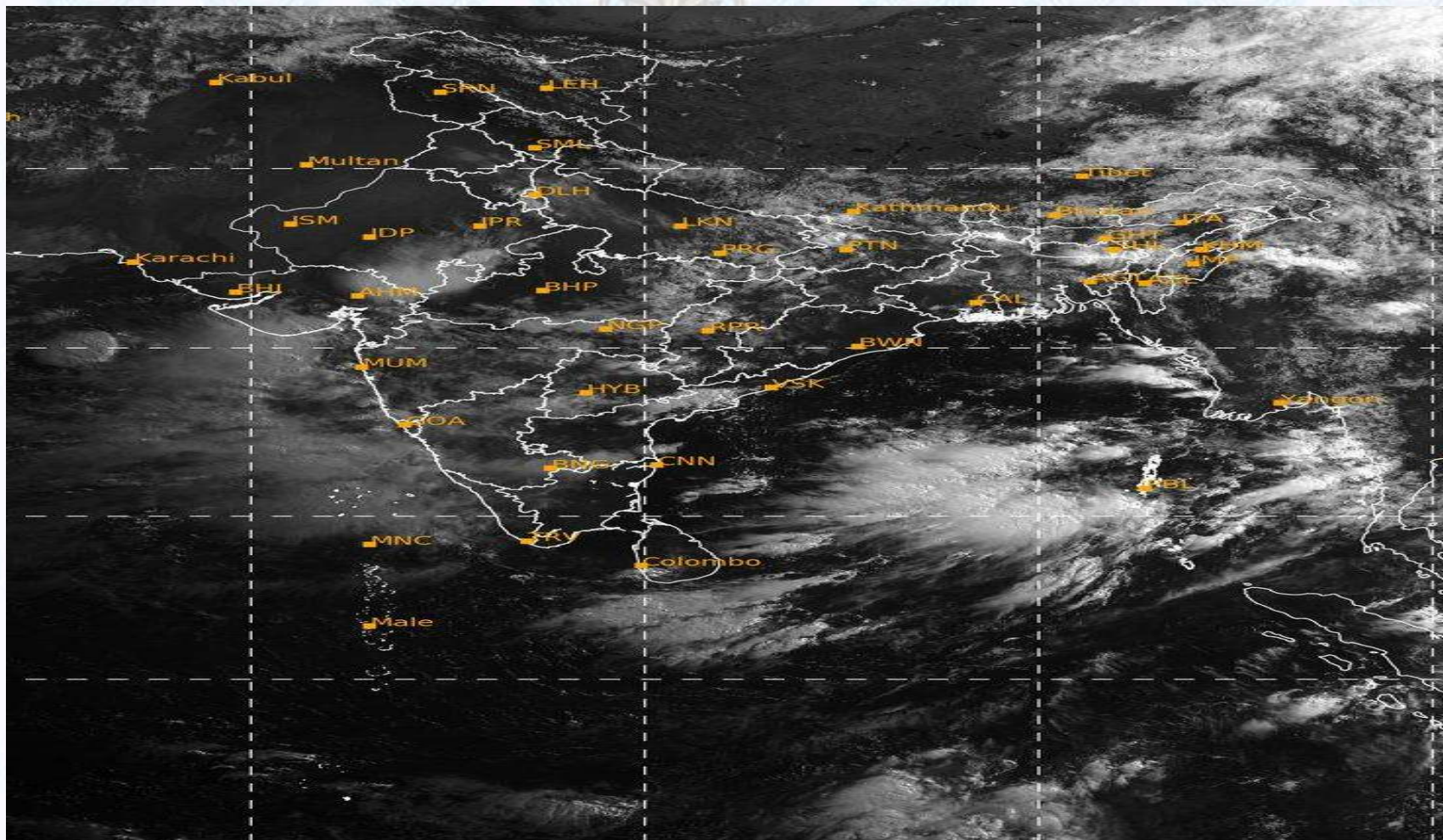
18/07/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/07/2020, 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 18.07.2020)

<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	TEMPORARY RAIN/T. SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH- WESTERLY, 10-15 KTS. TEMPORARY GUSTING TO 25
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 18,0000 UTC. CHATTOGRAM =1006 HPA





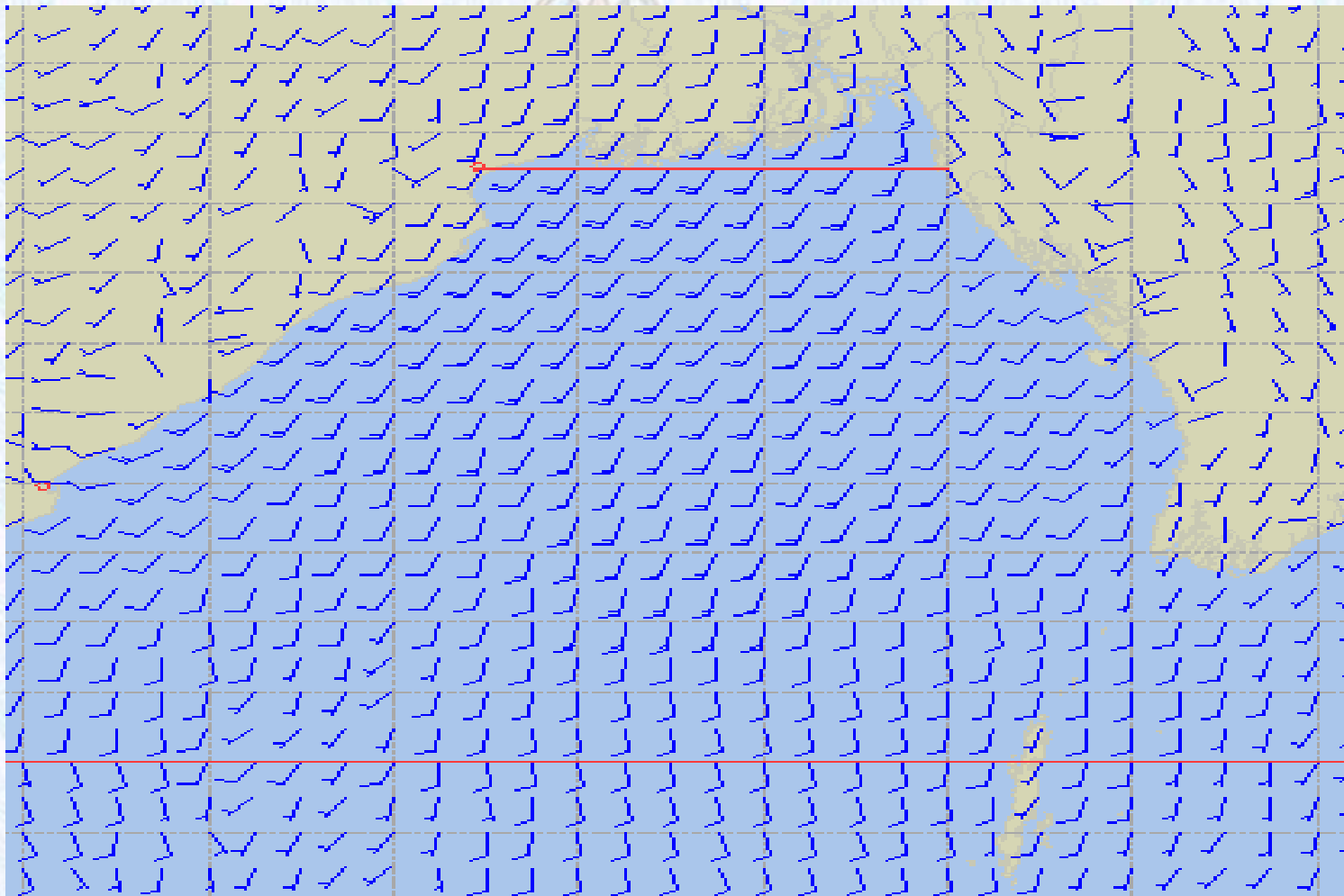
# **Inland River Port Warning** **(VALID TILL 07 PM OF 18.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



# Surface Wind Forecast- 19 July- 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

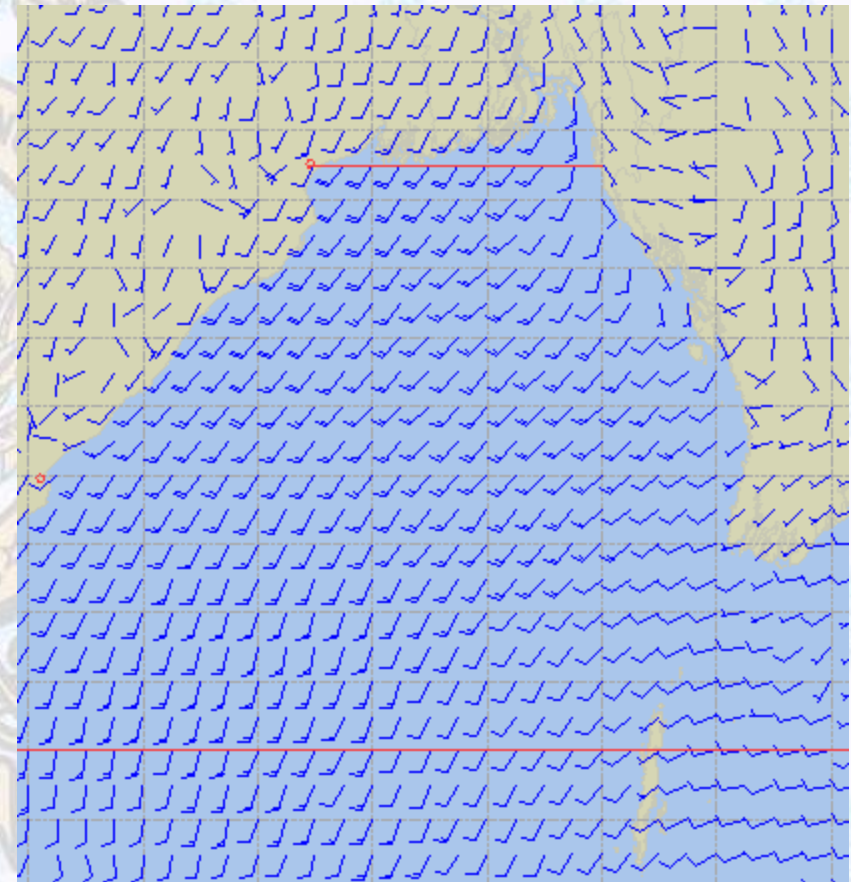
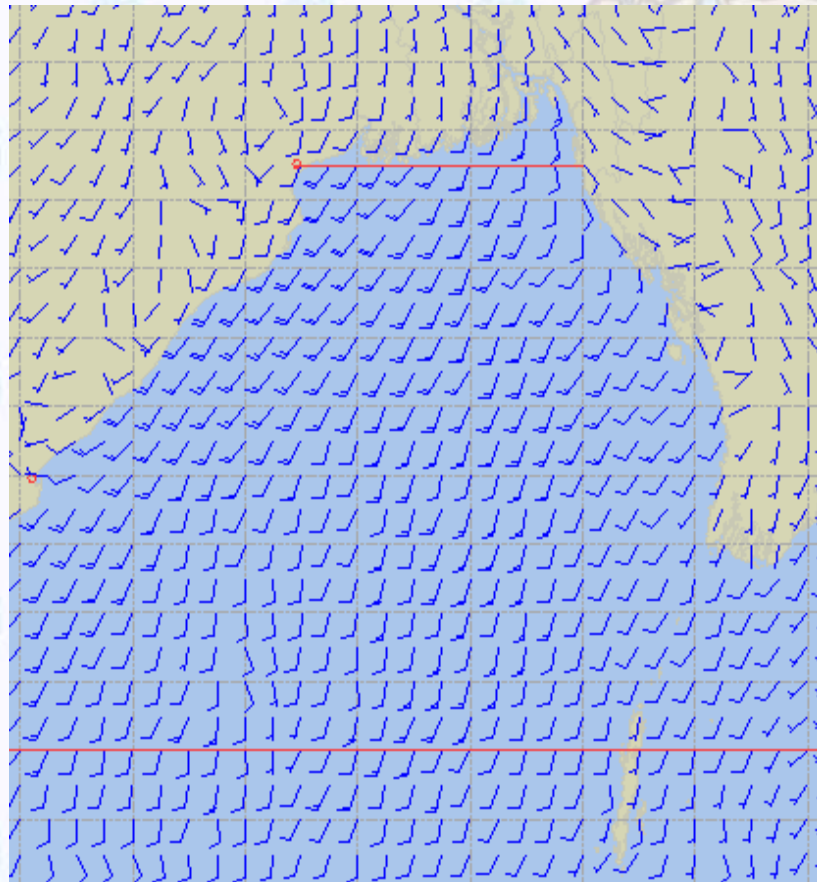




# Surface Wind Forecast – 20 & 21 July - 2020

20 July 2020 Monday

21 July 2020 Tuesday



**Legend:**



**Calm  
Winds**



**5 Knots**



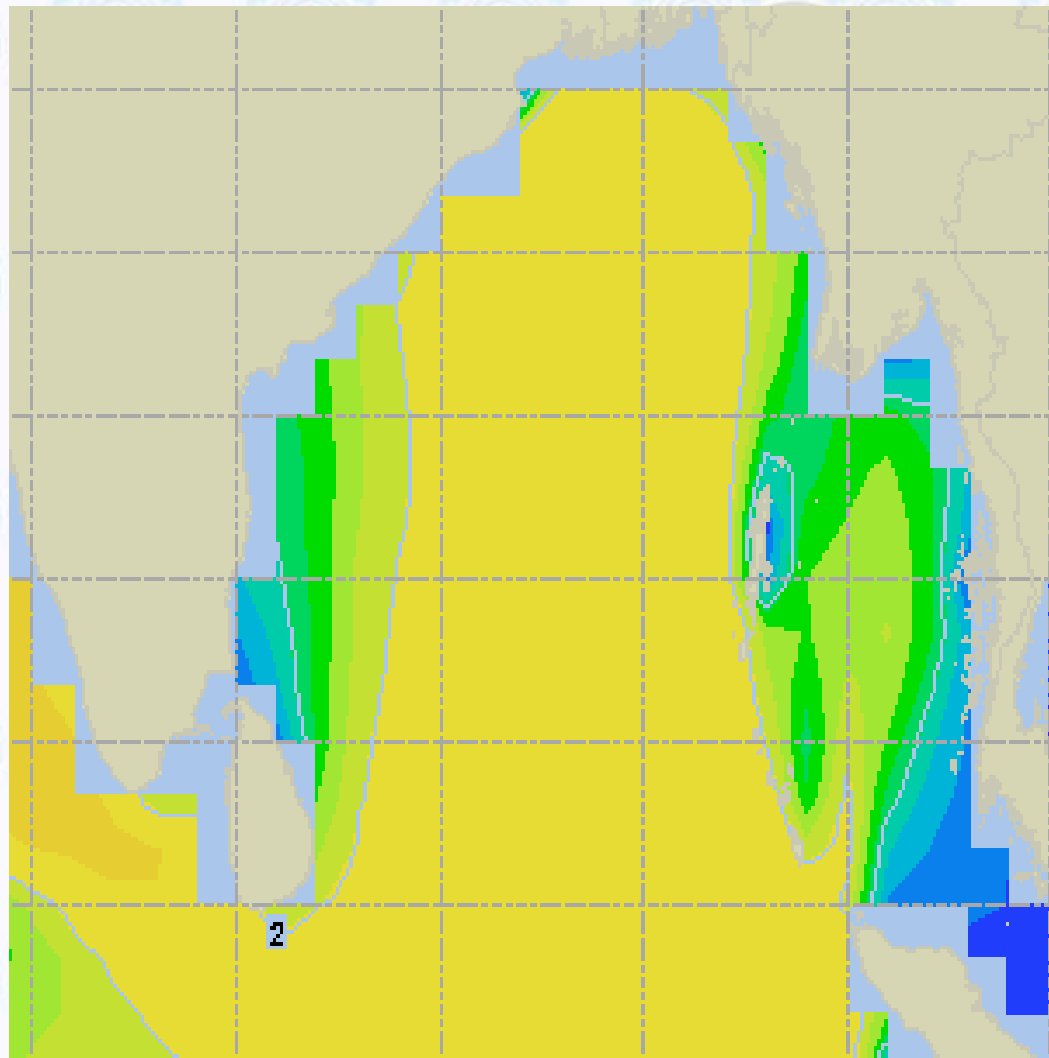
**10 Knots**



**60 Knots**



# Sea State Forecast – 19 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



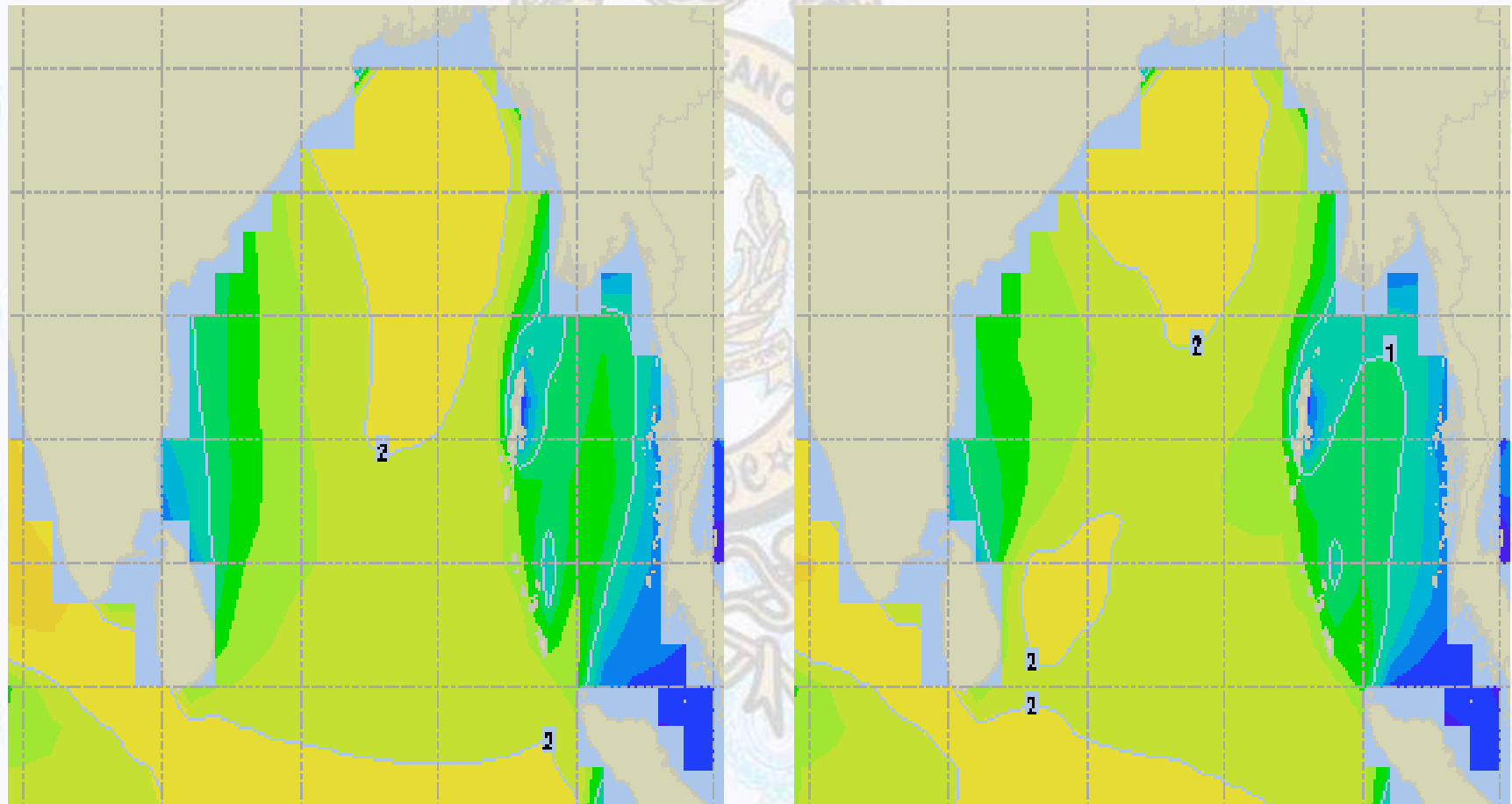




# Sea State Forecast – 20 & 21 July - 2020

20 July 2020 Monday

21 July 2020 Tuesday

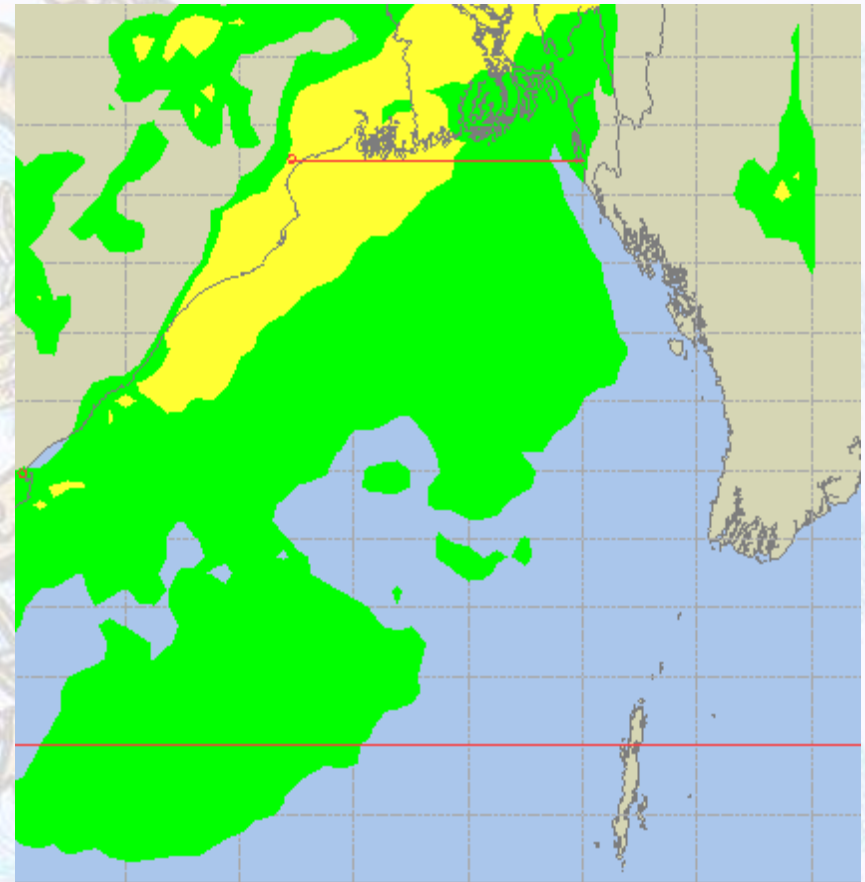
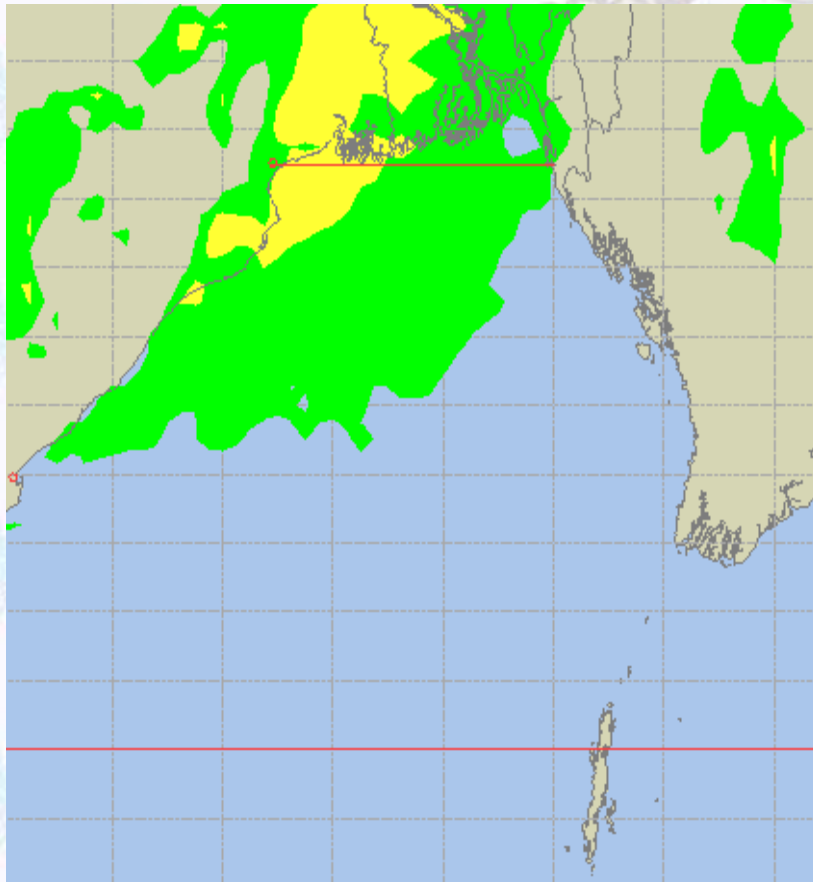




# Peak Gusting Possibilities— 19 & 20 July 2020

19 July 2020 Sunday

20 July 2020 Monday

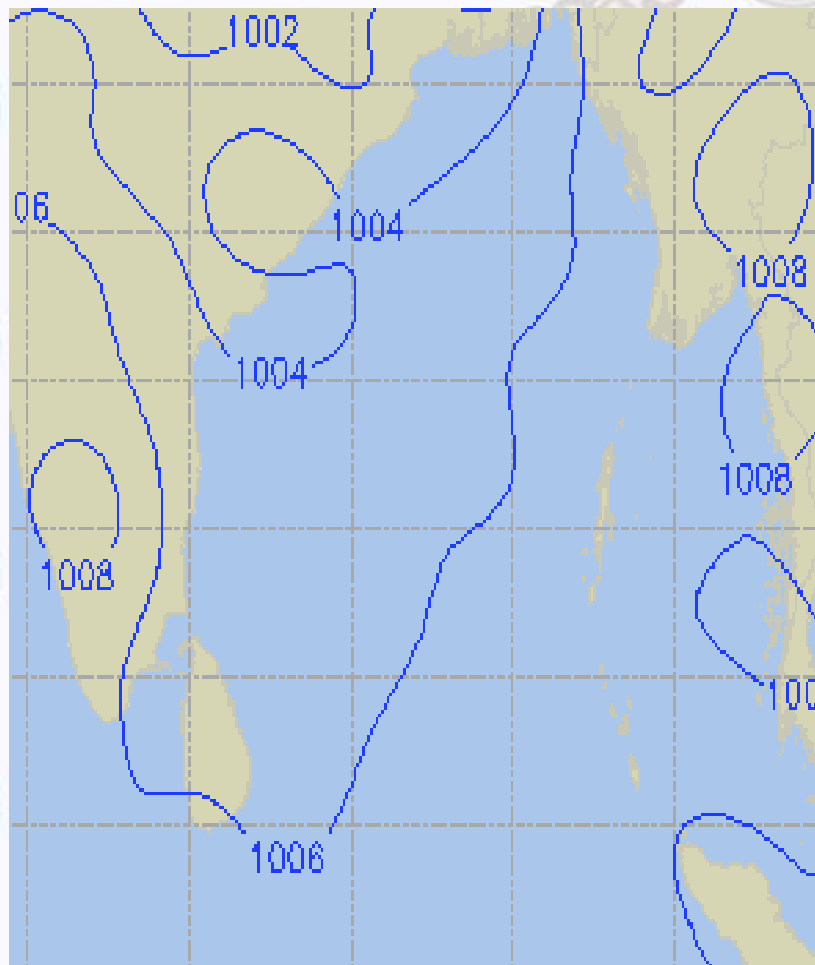




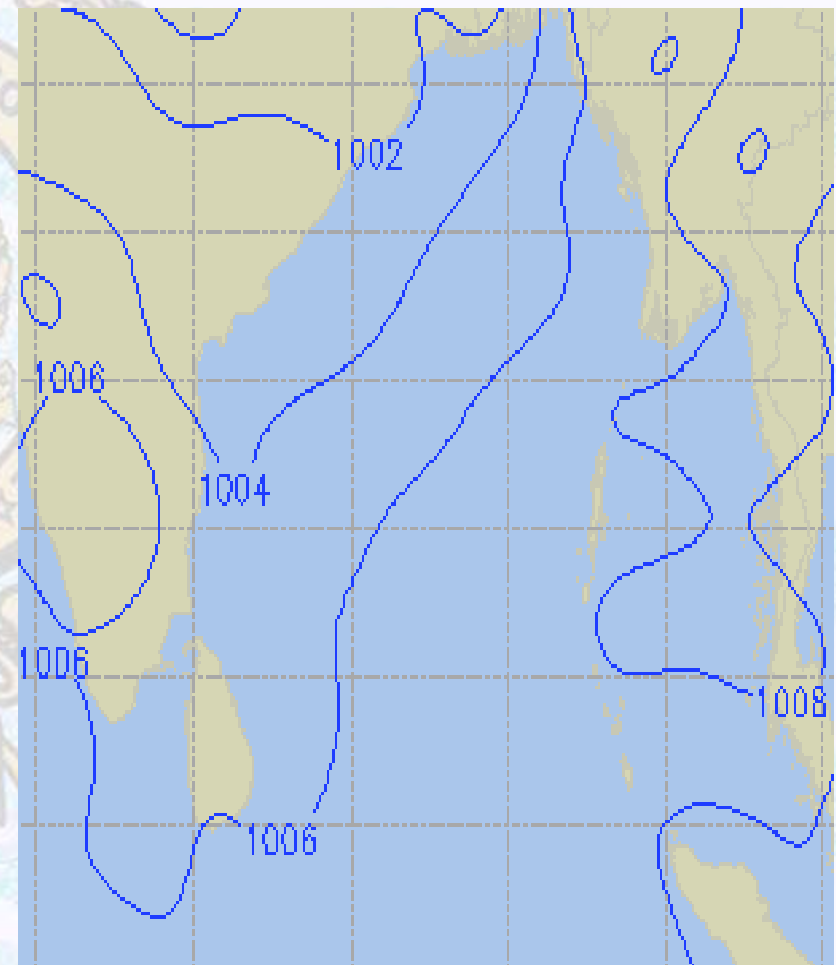


# Surface Pressure forecast– 19 & 20 July 2020

19 July 2020 Sunday



20 July 2020 Monday

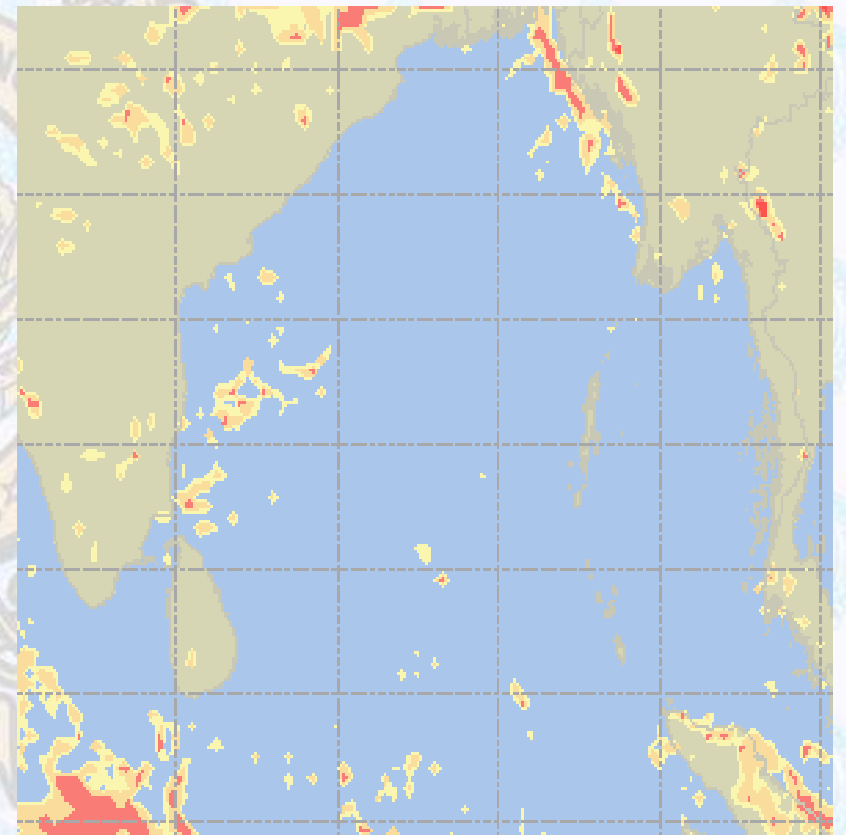
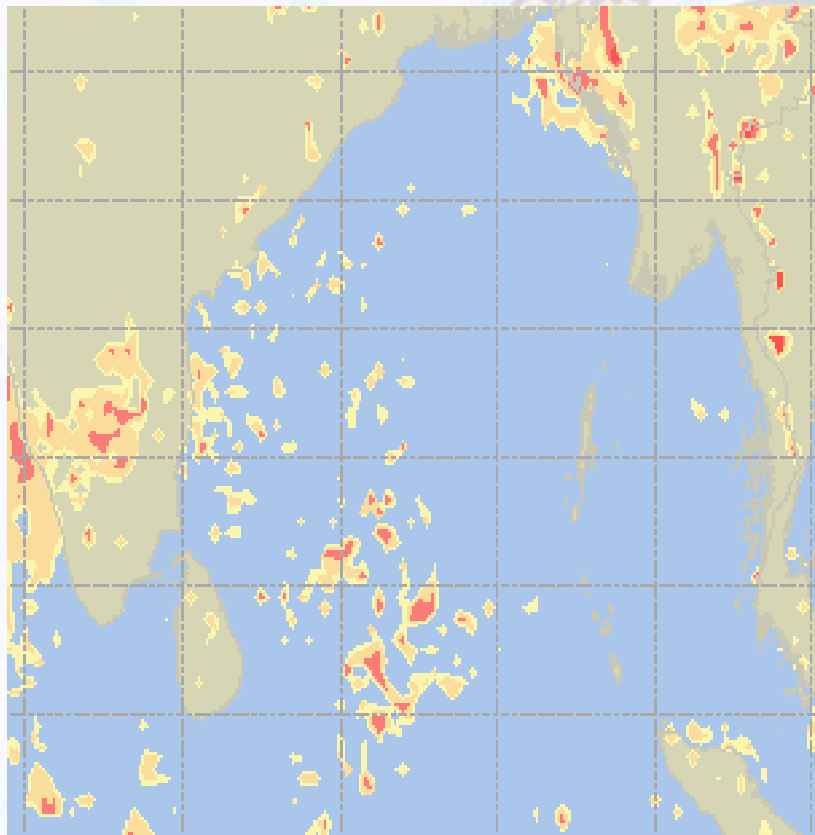




# Visibility at Sea Forecast – 19 & 20 July- 2020

19 July 2020 Sunday

20 July 2020 Monday



**Visibility Scale:**



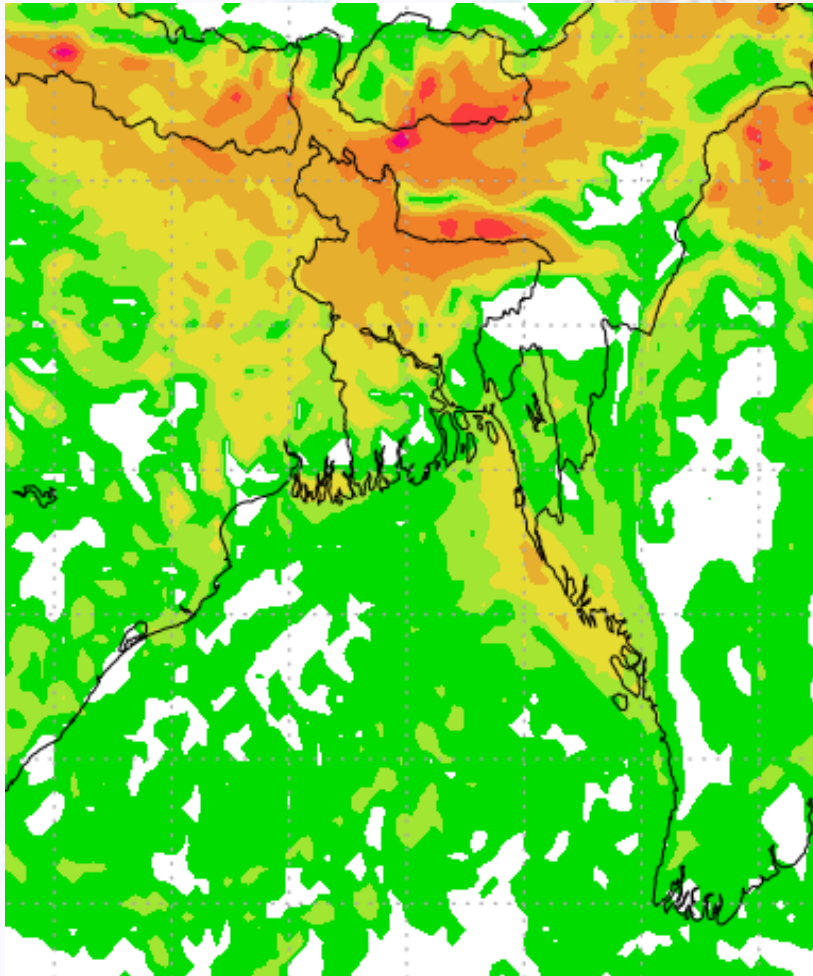
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



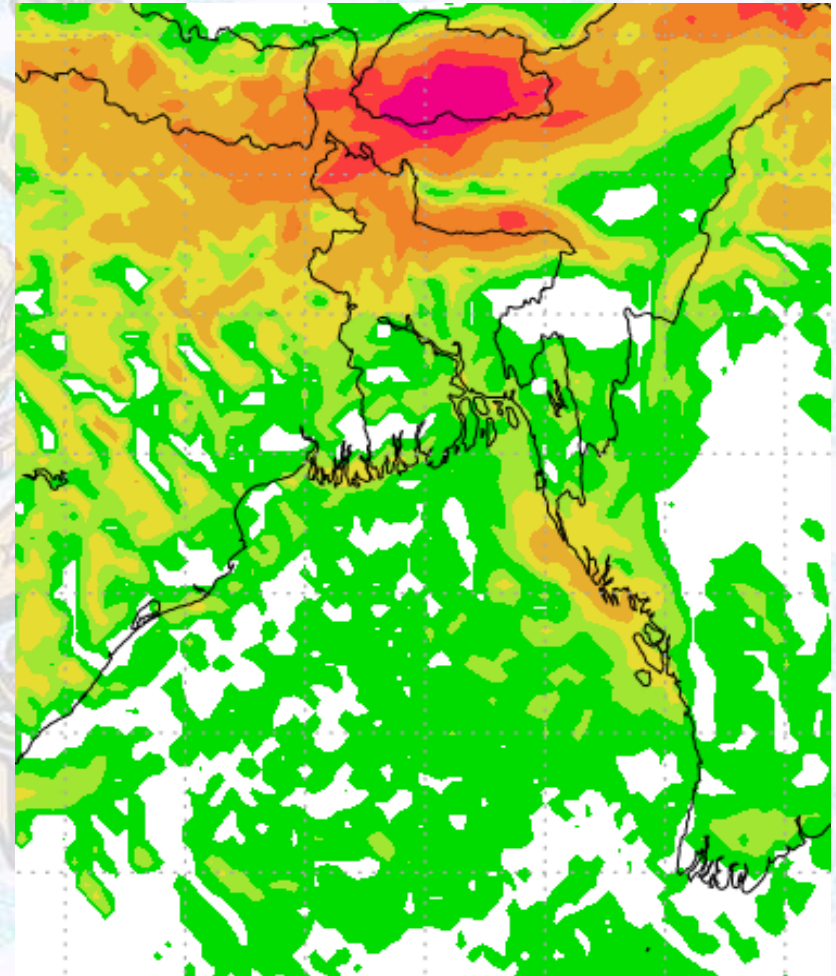


# Precipitation

Rain(mm) 19 & 20 July 2020



Rain(mm) 20 & 21 July 2020



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>18 July 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0513	1.30		0304	1.36		0222	1.31
	1120	4.98		0903	3.46		0847	3.13
	1801	1.28		1539	1.31		1523	1.43
	2351	4.59		2119	3.20		2110	2.83
<b>19 July 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0602	1.15		0352	1.23		0315	1.18
	1203	5.17		0945	3.66		0932	3.26
	1846	1.16		1623	1.21		1608	1.28
	-	-		2159	3.36		2155	2.96
<b>20 July 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0031	4.77		0436	1.11		0402	1.05
	0647	1.03		1025	3.82		1014	3.37
	1242	5.31		1704	1.13		1650	1.14
	1927	1.06		2237	3.50		2237	3.08