



WEATHER FORECAST FOR BN

20 JULY - 23 JULY 2020



WEATHER FORECAST – DHAKA

20.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	29 / 25	29 / 25
Wind	8 km/h SSW	10 km/h SSW	12 km/h SSW	16 km/h S
Humidity	89%	85%	82%	82%
Chance of Precip	23%	31%	52%	57%
Cloud Cover	100%	99%	97%	96%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 22 AM			
Sunset	6: 47 PM			

Conditions

Pressure : 1002 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

20.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 27	28 / 27	28 / 26	27 / 26
Wind	14 km/h SSW	13 km/h SSE	12 km/h SSE	13 km/h SSE
Humidity	93%	90%	90%	93%
Chance of Precip.	20%	18%	68%	63%
Cloud Cover	99%	95%	92%	92%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 19 AM			
Sunset	6: 39 PM			

Conditions

Pressure : 1005 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

20.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31 / 28	30 / 27	29 / 27
Wind	16 km/h SSW	19 km/h SSW	14 km/h SSW	15 km/h SSW
Humidity	83%	82%	87%	87%
Chance of Precip.	20%	23%	31%	32%
Cloud Cover	87%	95%	94%	94%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 27 AM 6: 49 PM			

Conditions

Pressure : 1003 hpa

Visibility : 9.66 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 July 2020	22 July 2020	23 July 2020
Temperature (C)	31 °C/ 27 °C	30 °C/ 26 °C	30 °C/ 26 °C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h23m00s/18h46m54s	5h23m24s/18h46m36s	5h23m42s/18h46m18s
Day Length	13h23m54s	13h23m12s	13h22m36s
Moon Rise/ Set	5:40 PM 7:31 AM	6:43 PM 8:19 AM	7:47 PM 9:04 AM
Moon Phase/ illu	New Moon, 1%	Waxing Crescent, 5%	Waxing Crescent, 12%
NauticalTwilight	0428,1940	0429,1940	0430,1939
Civil Twilight	0458,1911	0458,1911	0459,1910
Humidity	D : 80% N : 85%	D : 82% N : 85%	D : 82% N : 86%
Barometer (mb)	1004	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	100%
Wind (mph)	18 Km/h SSW	13 Km/h SW	15 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 July 2020	22 July 2020	23 July 2020
Temperature (C)	29° C/ 26° C	29° C/ 25° C	28° C/ 25° C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h20m00s/18h38m24s	5h20m24s/18h38m12s	5h20m36s/18h37m48s
Day Length	13h18m24s	13h17m48s	13h17m12s
Moon Rise/ Set	5:37 PM 7:23 AM	6:39 PM 8:11 AM	7:42 PM 8:56 AM
Moon Phase/ illu	New Moon, 1%	Waxing Crescent, 5%	Waxing Crescent, 12%
Nautical Twilight	0426, 1931	0427, 1930	0427, 1930
Civil Twilight	0455, 1902	0456, 1901	0456, 1901
Humidity	D : 88% N : 93%	D : 91% N : 95%	D : 91% N : 94%
Barometer (mb)	1006	1007	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	100%
Wind (mph)	16 Km/h S	14 Km/h SSW	16 Km/h S

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



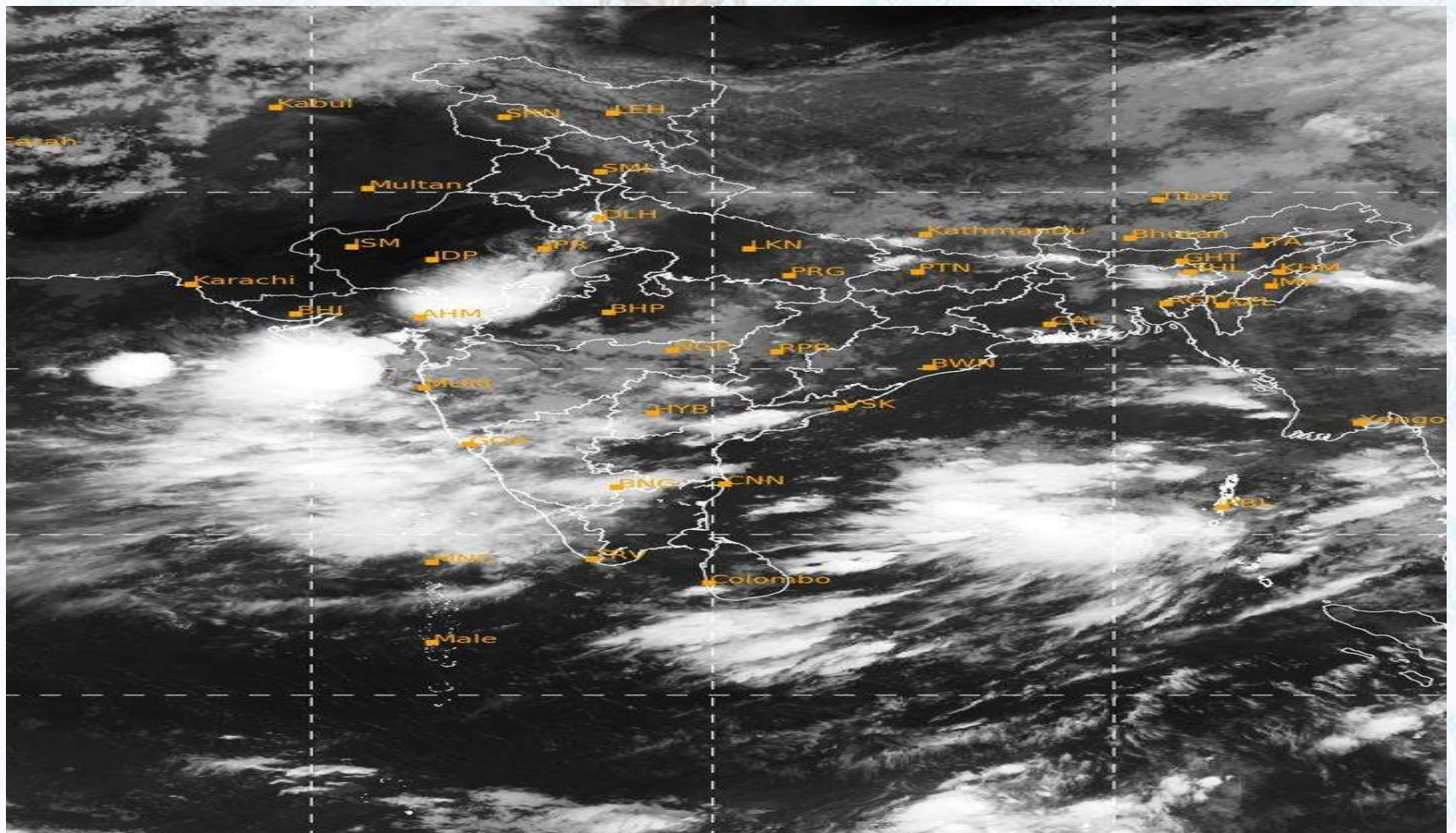
GENERAL WEATHER FORECAST – KHULNA

Description	21 July 2020	22 July 2020	23 July 2020
Temperature(C)	31°C/ 26°C	31°C/ 26°C	30°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h28m12s/18h48m30s	5h28m36s/18h48m12s	5h28m54s/18h47m54s
Day Length	13h20m18s	13h19m36s	13h19m00s
Moon Rise/Set	5:47 PM 7:33 AM	6:49 PM 8:22 AM	7:52 PM 9:07 AM
Moon Phase/illu	New Moon, 1%	Waxing Crescent, 5%	Waxing Crescent, 12%
Nautical Twilight	0434, 1941	0435, 1941	0435, 1940
Civil Twilight	0503, 1912	0504, 1912	0504, 1911
Humidity	D : 82% N : 88%	D : 84% N : 89%	D : 86% N : 89%
Barometer (mb)	1003	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	100%
Wind (mph)	19 km/h SSW	15 km/h SW	14 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

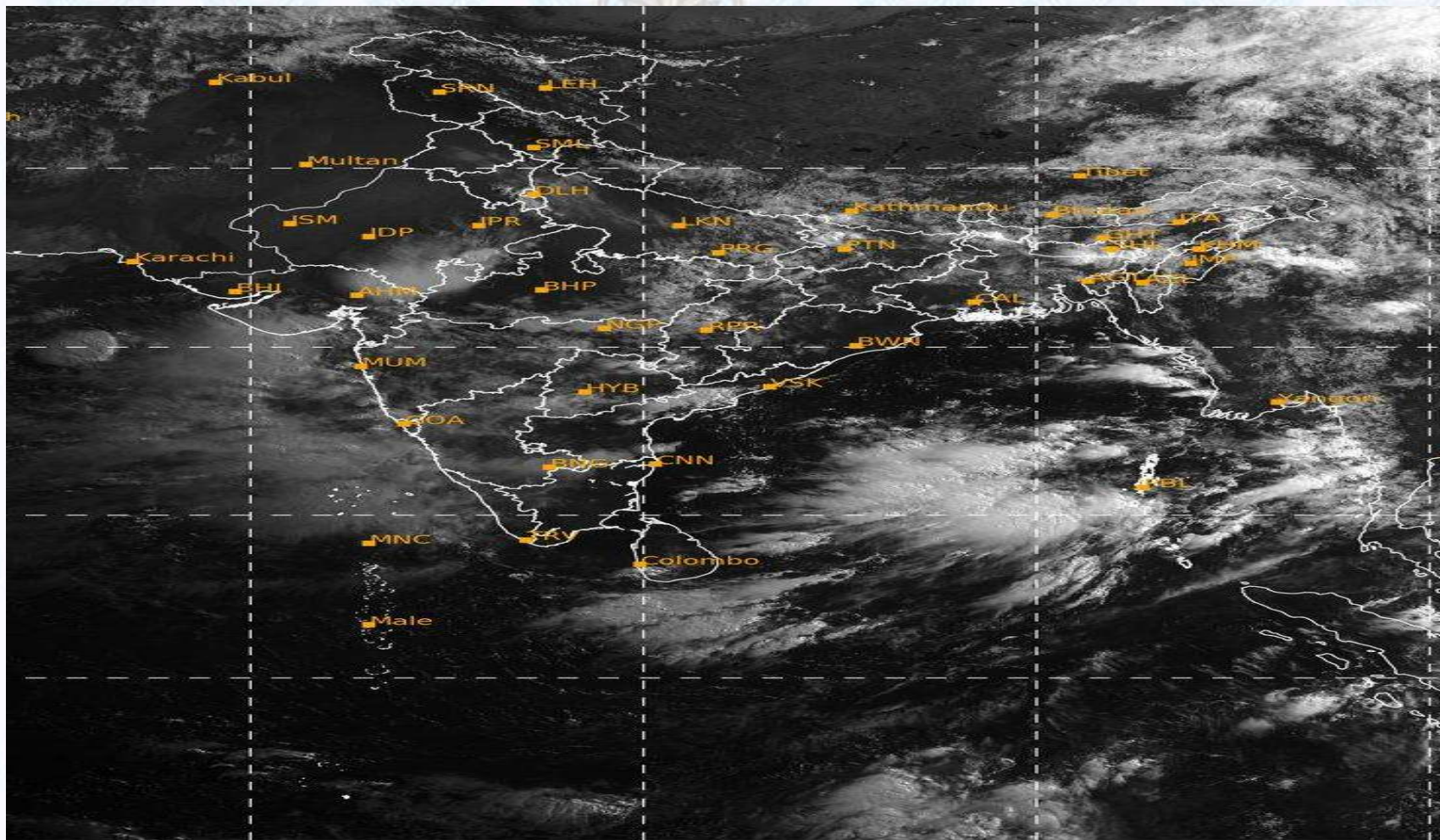


20/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/07/2020, 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 20.07.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW ILES OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	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 =1005 HPA



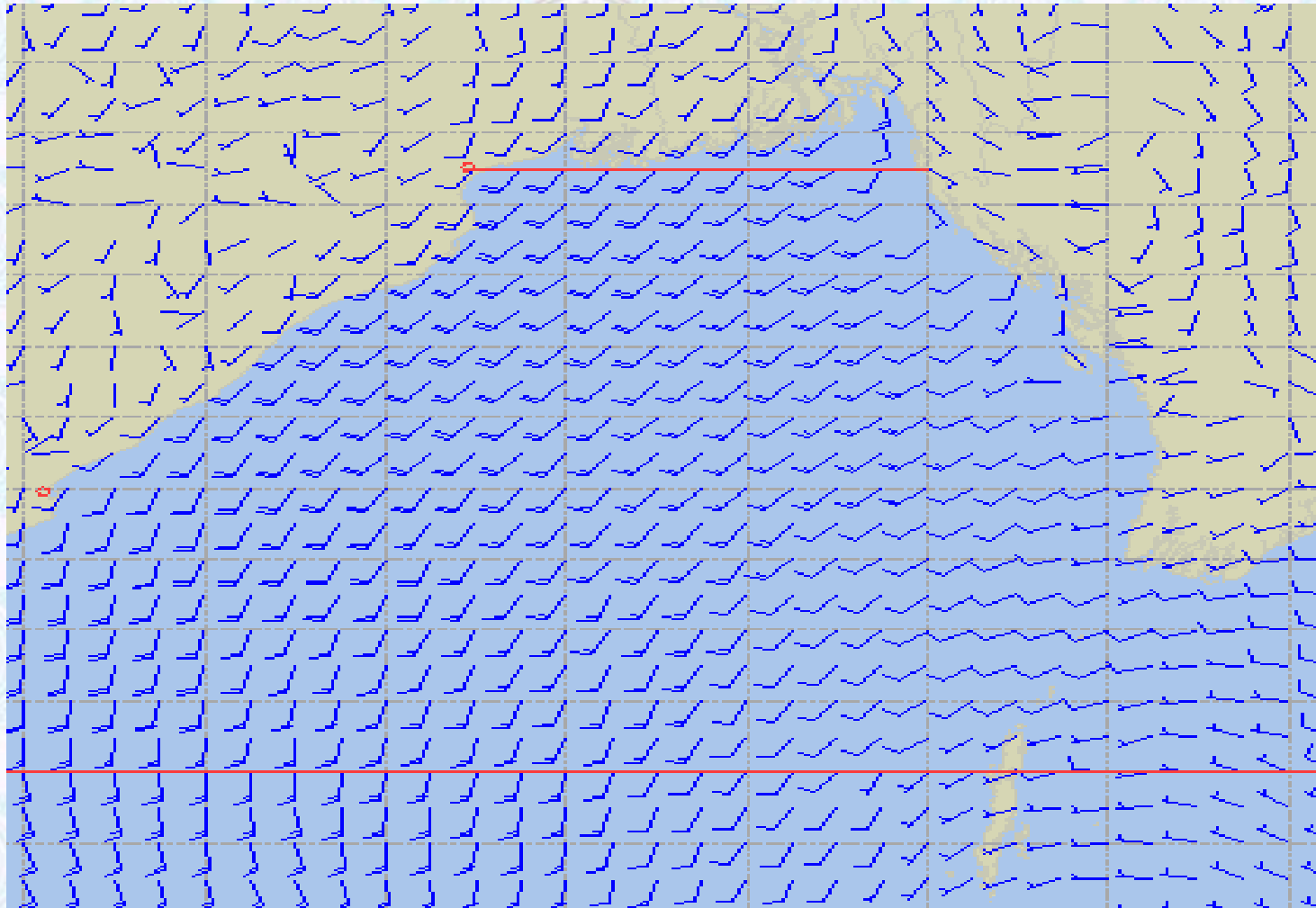
Inland River Port Warning **(VALID TILL 07 PM OF 20.07.2020)**

ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 21 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



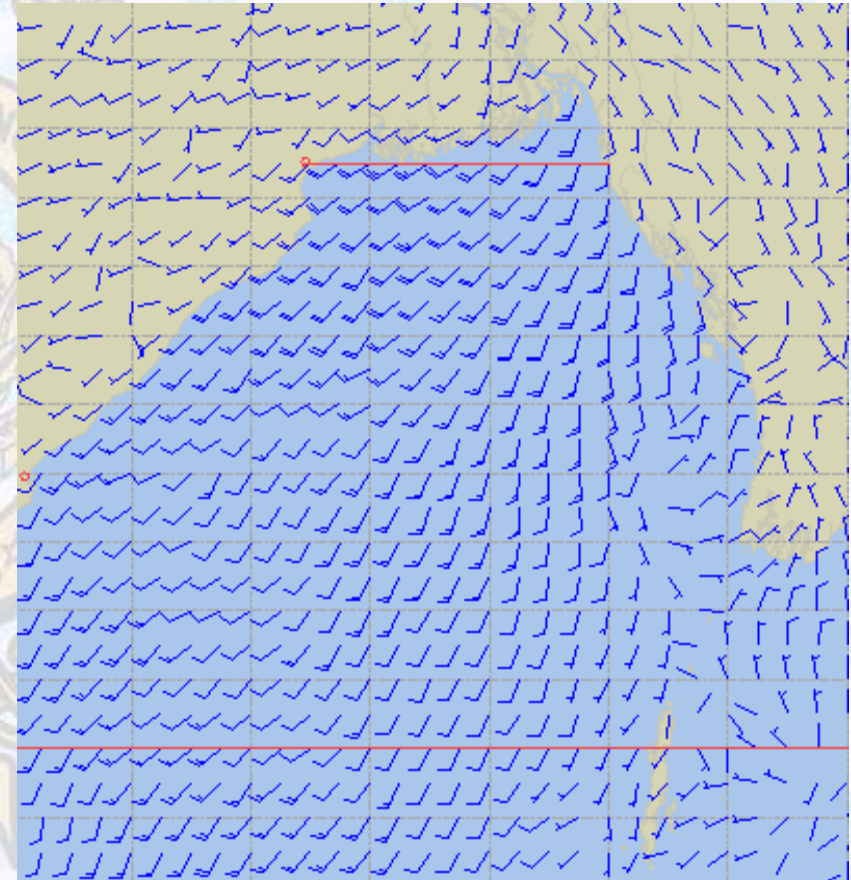
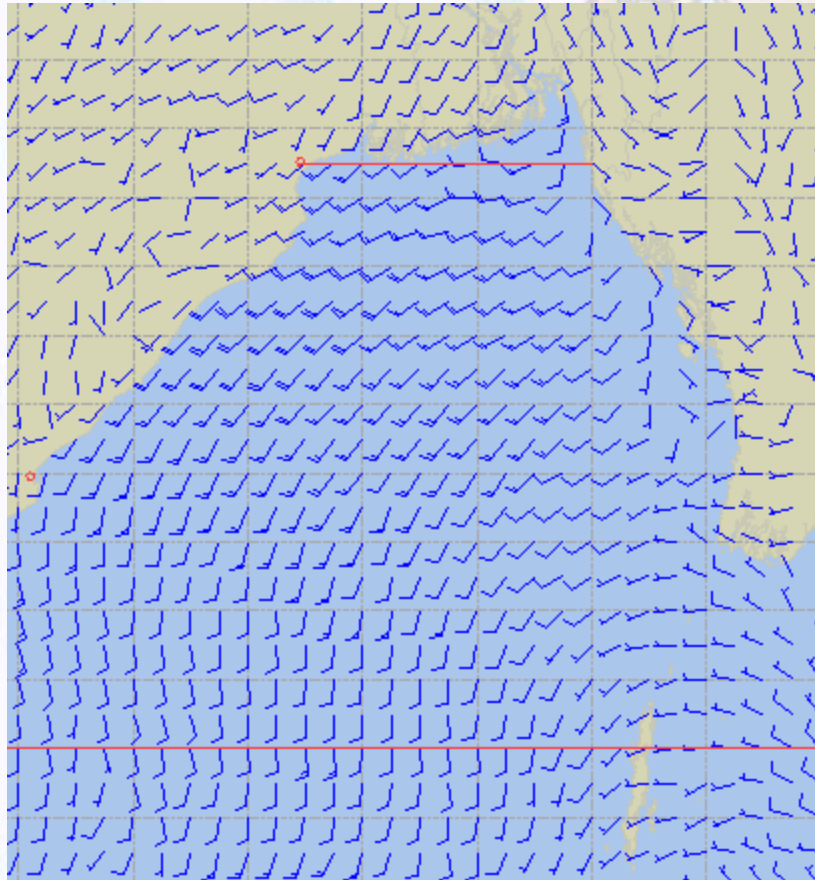
60 Knots



Surface Wind Forecast – 22 & 23 July - 2020

22 July 2020 Wednesday

23 July 2020 Thursday



Legend:



Calm
Winds



5 Knots



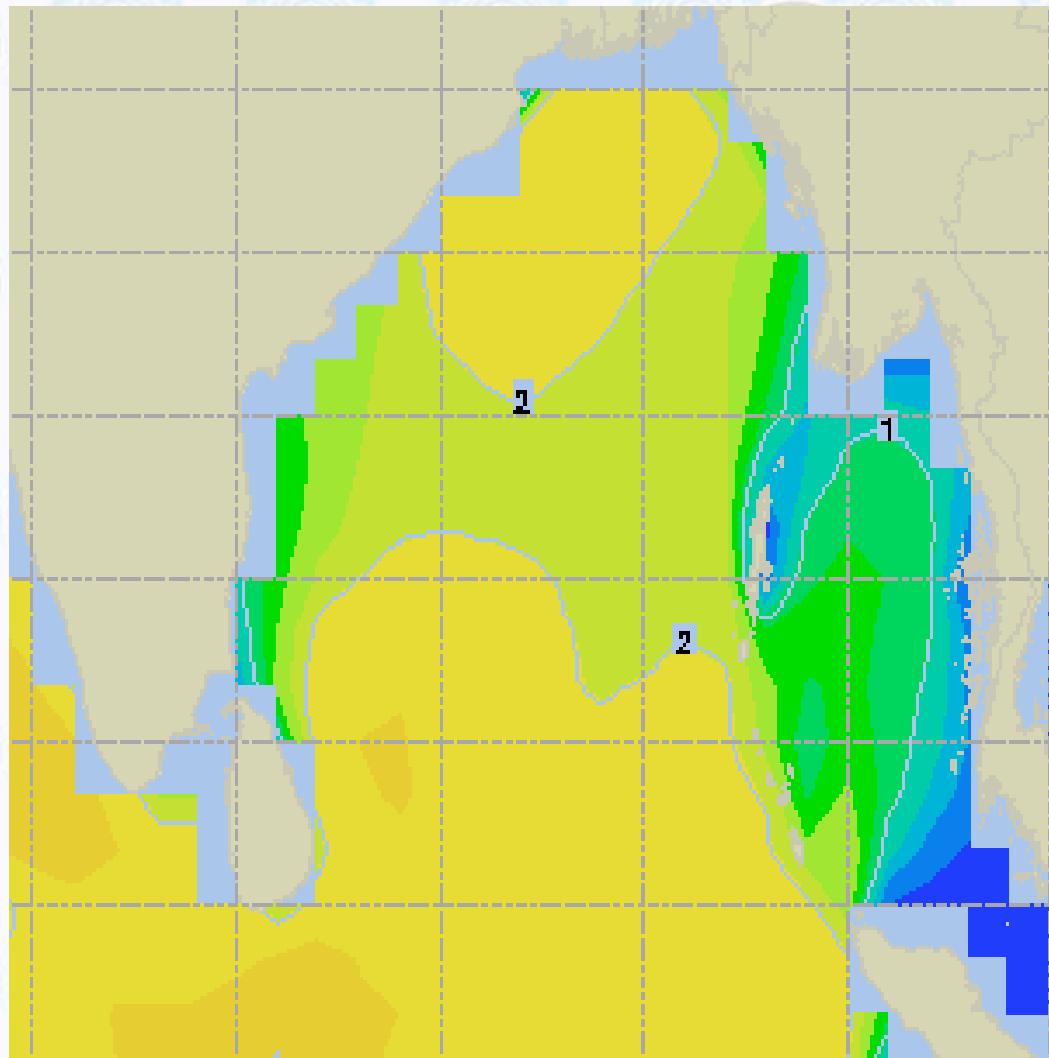
10 Knots



60 Knots



Sea State Forecast – 21 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

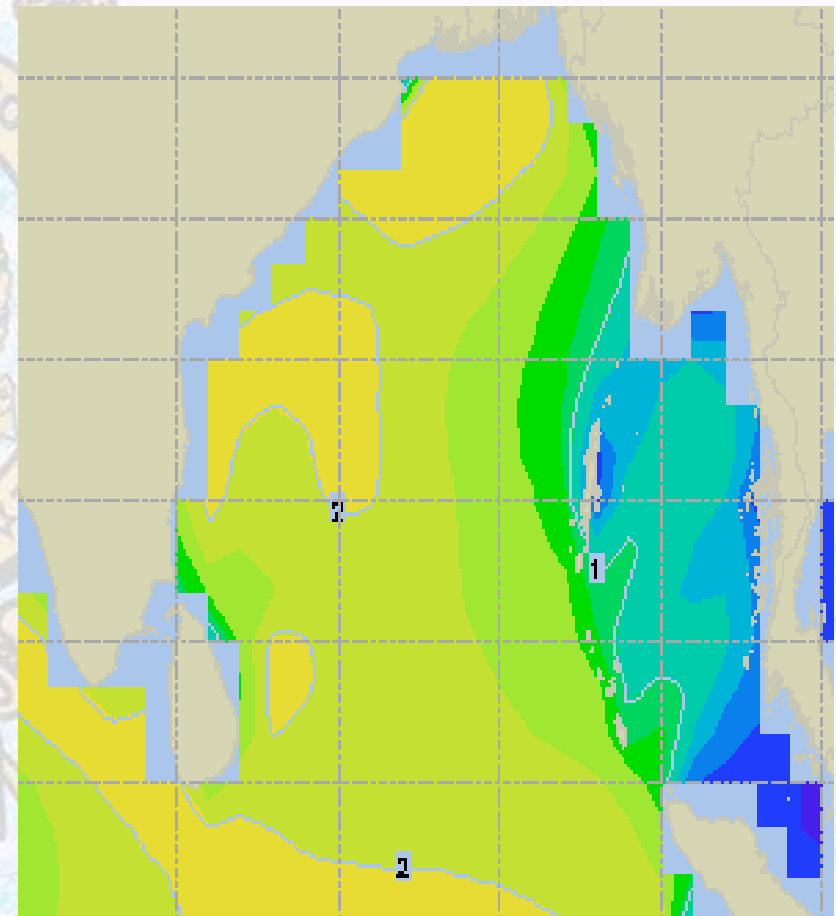
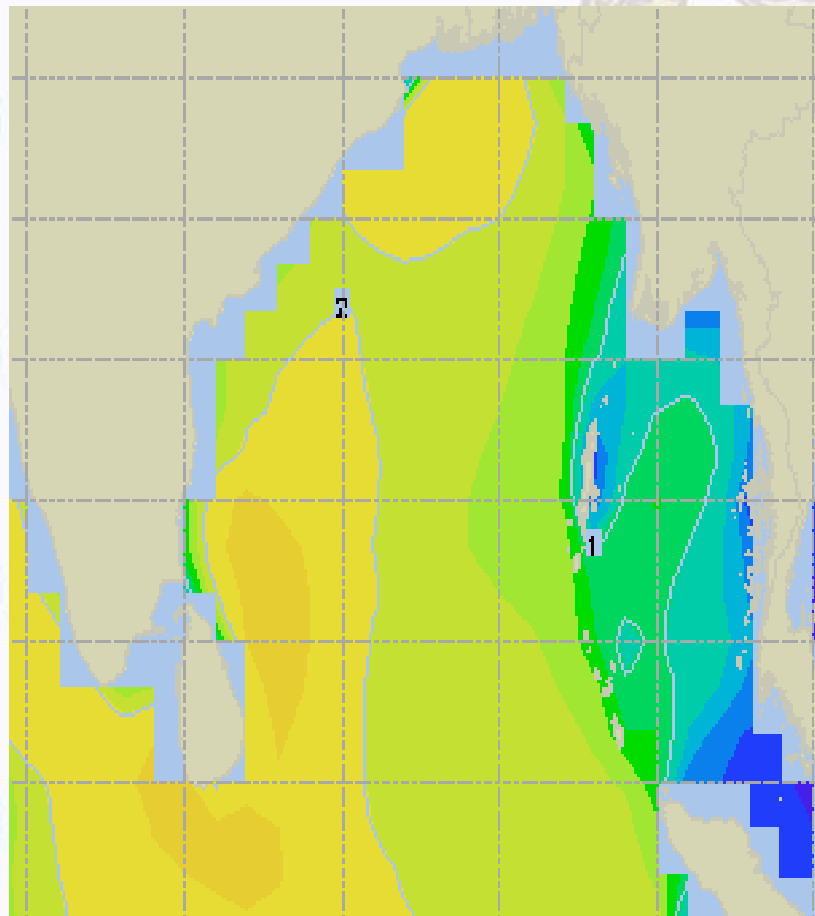




Sea State Forecast – 22 & 23 July - 2020

22 July 2020 Wednesday

23 July 2020 Thursday

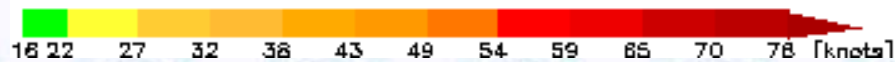
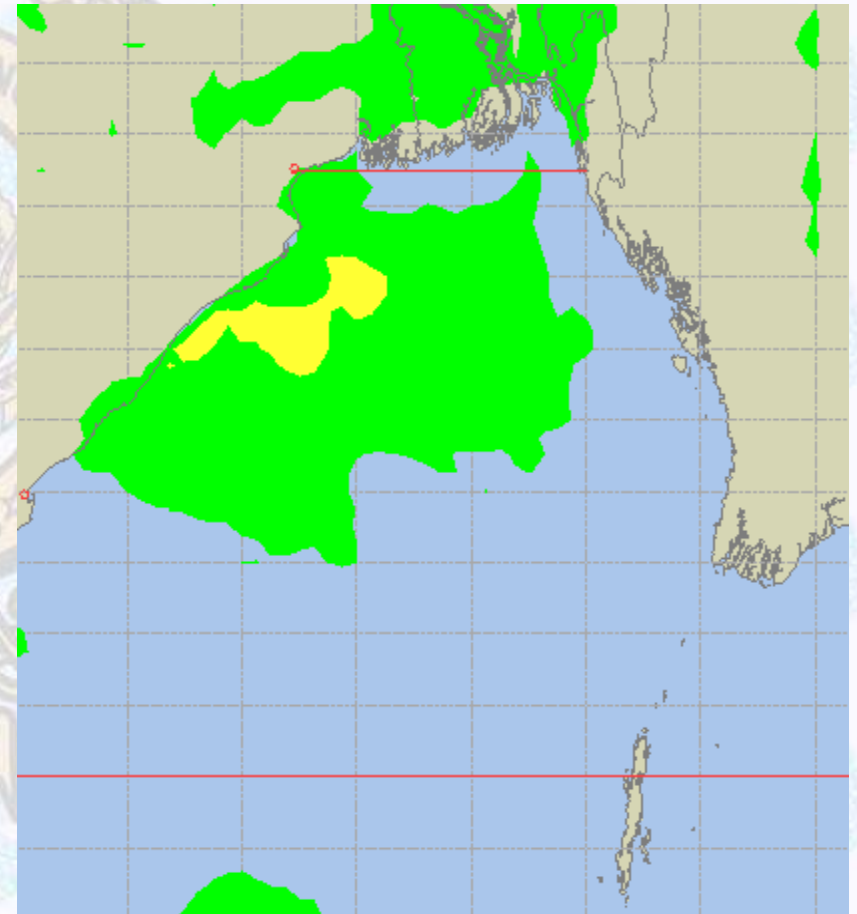
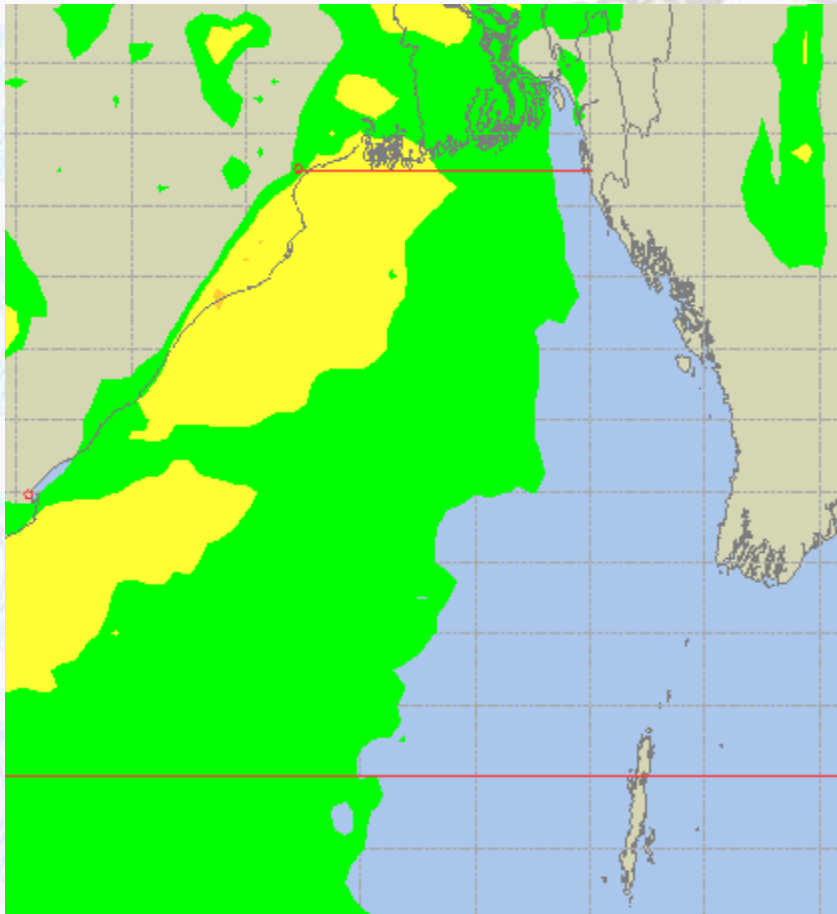




Peak Gusting Possibilities— 21 & 22 July 2020

21 July 2020 Tuesday

22 July 2020 Wednesday

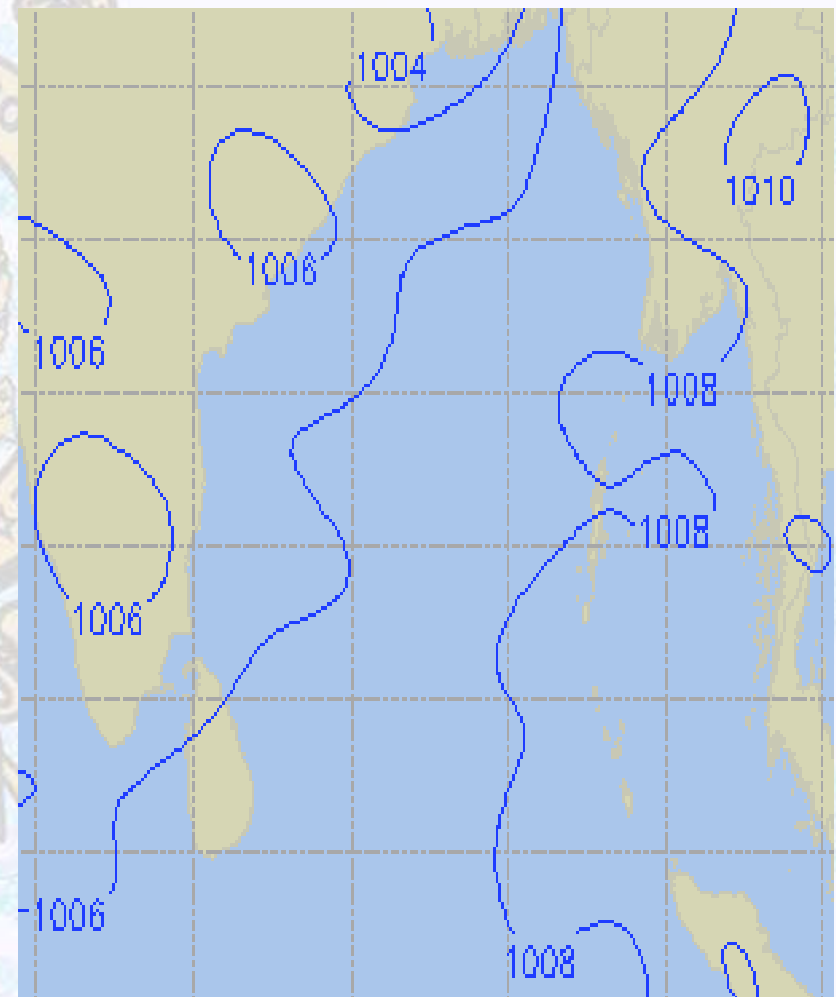
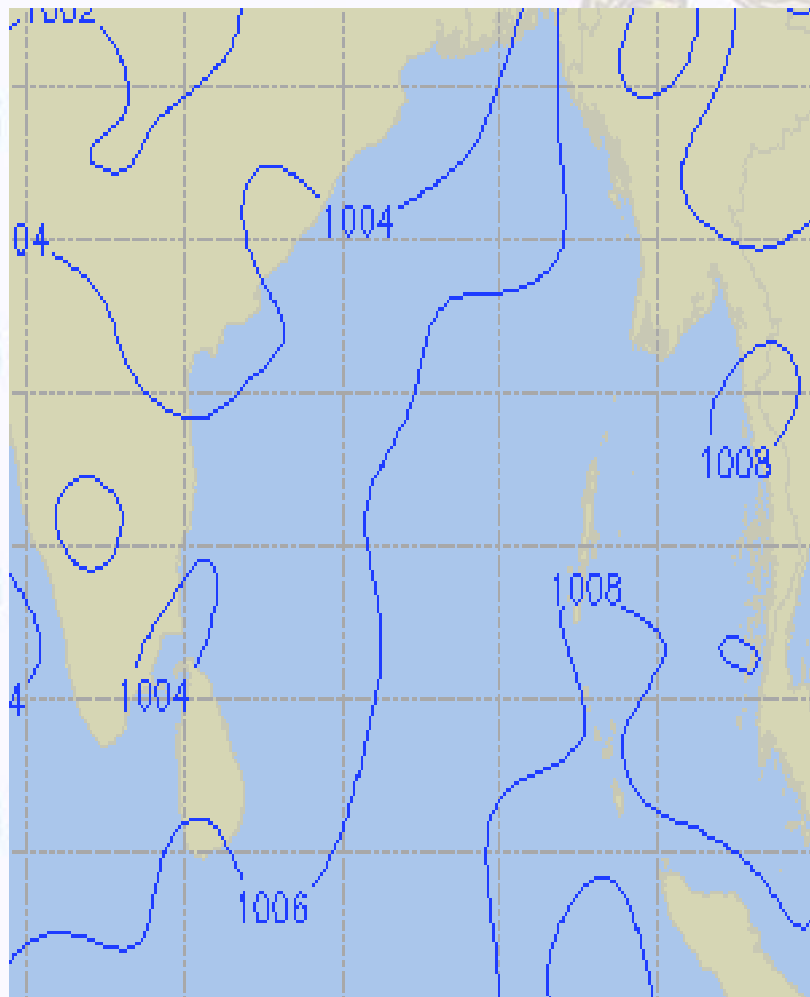




Surface Pressure forecast– 21 & 22 July 2020

21 July 2020 Tuesday

22 July 2020 Wednesday

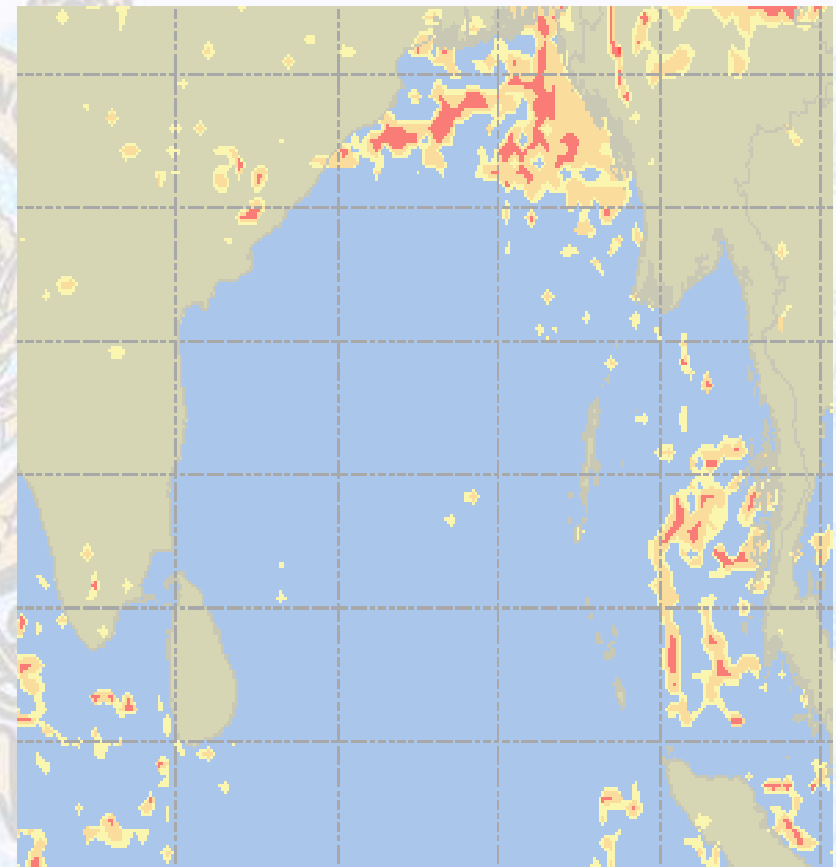
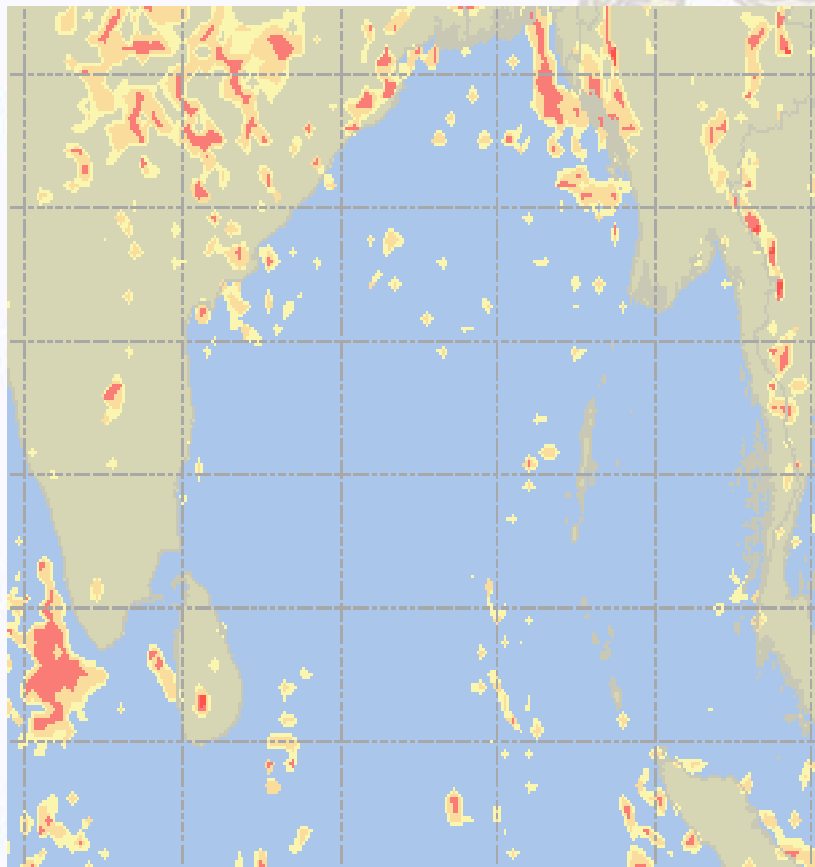




Visibility at Sea Forecast – 21 & 22 July- 2020

21 July 2020 Tuesday

22 July 2020 Wednesday



Visibility Scale:

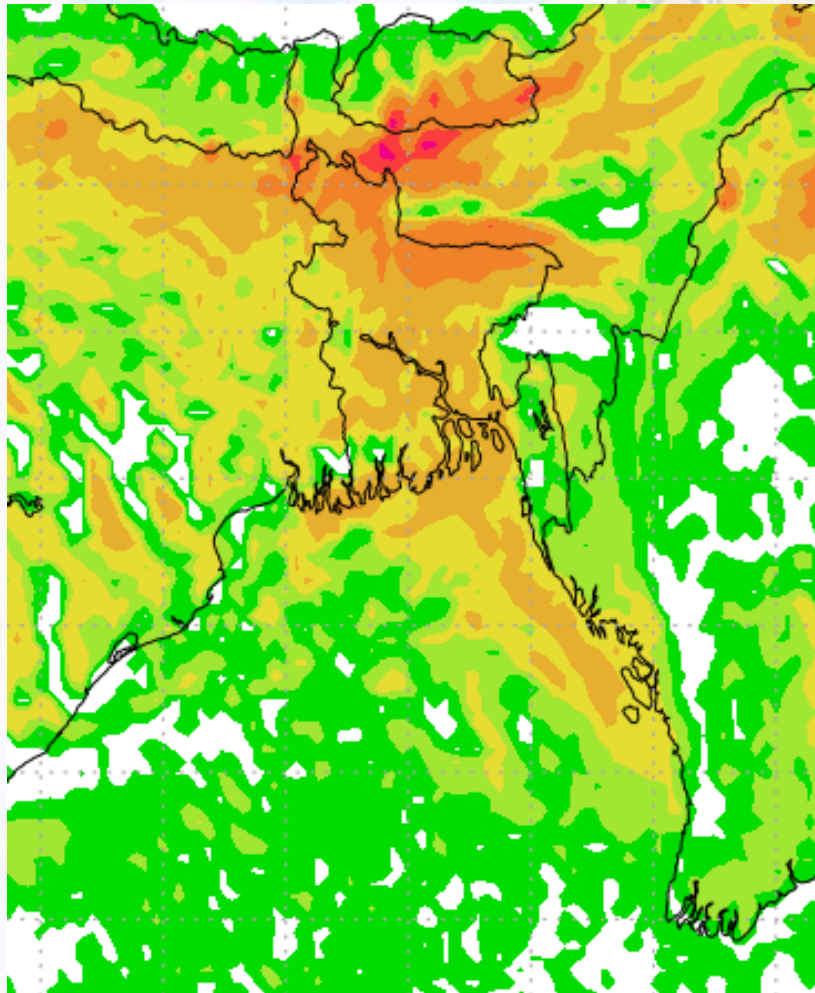


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

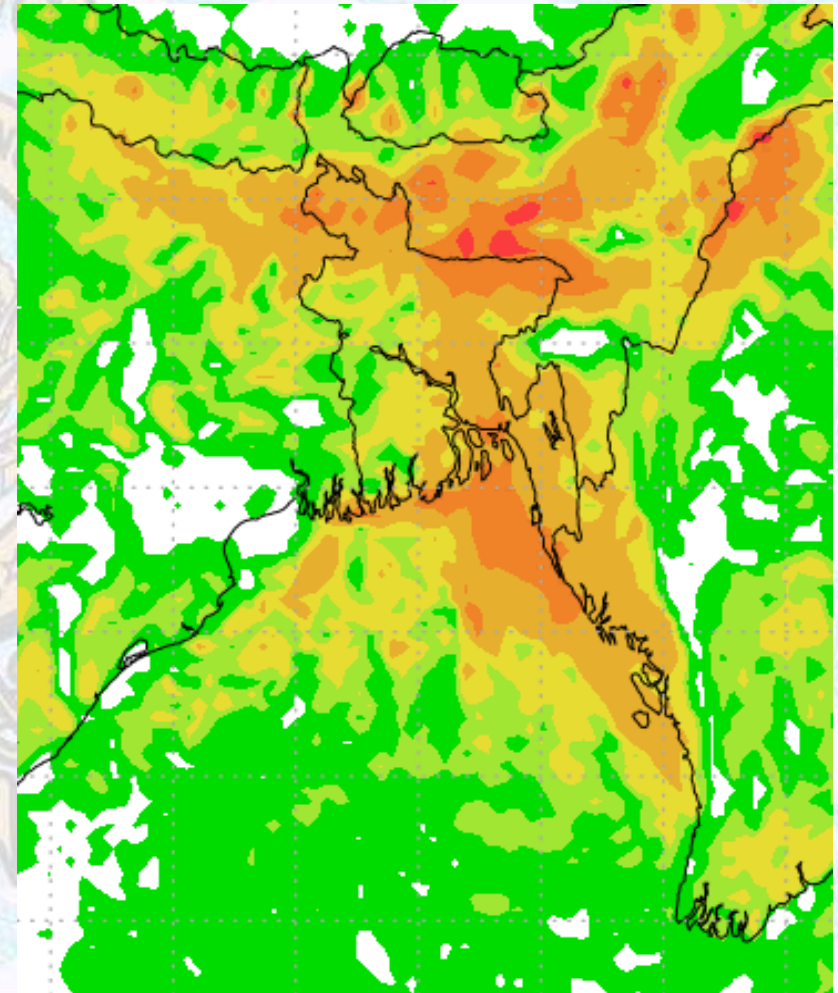


Precipitation

Rain(mm) 21 & 22 July 2020



Rain(mm) 22 & 23 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
20 July 2020	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
21 July 2020	Time	Height		Time	Height		Time	Height
	0108	4.92		0517	1.03		0446	0.95
	0729	0.93		1104	3.93		1053	3.46
	1319	5.43		1745	1.07		1730	1.03
	2007	0.98		2315	3.59		2317	3.16
22 July 2020	Time	Height		Time	Height		Time	Height
	0144	5.04		0557	0.97		0528	0.89
	0809	0.87		1143	3.98		1132	3.50
	1355	5.51		1825	1.03		1809	0.94
	2045	0.90		2355	3.63		2356	3.22