



WEATHER FORECAST FOR BN

21 JULY - 24 JULY 2020



WEATHER FORECAST – DHAKA

21.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29/ 26	29 / 26	28 / 25	28 / 25
Wind	17 km/h SSW	14 km/h SW	10 km/h SSW	11 km/h S
Humidity	83%	85%	82%	86%
Chance of Precip	71%	74%	52%	75%
Cloud Cover	92%	96%	97%	95%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 23 AM			
Sunset	6: 46 PM			

Conditions

Pressure : 1002 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

21.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	28 / 26	27 / 26
Wind	17 km/h SSW	16 km/h SSW	14 km/h SSW	13 km/h S
Humidity	92%	90%	90%	93%
Chance of Precip.	57%	88%	98%	97%
Cloud Cover	97%	96%	96%	97%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 20 AM			
Sunset	6: 38 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

21.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 28	29 / 27	29 / 27
Wind	18 km/h SW	195 km/h SW	13 km/h SW	12 km/h SW
Humidity	86%	82%	87%	87%
Chance of Precip.	24%	23%	31%	32%
Cloud Cover	94%	95%	94%	94%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 28 AM 6: 48 PM			

Conditions

Pressure : 1004 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 July 2020	23 July 2020	24 July 2020
Temperature (C)	30°C/ 26°C	30°C/ 26°C	30°C/ 26°C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h23m24s/18h46m36s	5h23m42s/18h46m18s	5h24m12s/18h45m42s
Day Length	13h23m12s	13h22m36s	13h21m30s
Moon Rise/ Set	6:43 PM 8:19 AM	7:47 PM 9:04 AM	8:49 PM 9:45 AM
Moon Phase/ illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 21%
NauticalTwilight	0429,1940	0430,1939	0430,1939
Civil Twilight	0458,1911	0459,1910	0459,1909
Humidity	D : 83% N : 87%	D : 86% N : 86%	D : 81% N : 85%
Barometer (mb)	1004	1003	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	90%
Wind (mph)	12 Km/h SSW	14 Km/h SSW	16 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 July 2020	23 July 2020	24 July 2020
Temperature (C)	28°C/ 25°C	28°C/ 25°C	29°C/ 25°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h20m24s/18h38m12s	5h20m36s/18h37m48s	5h21m06s/18h37m18s
Day Length	13h17m48s	13h17m12s	13h16m12s
Moon Rise/ Set	6:39 PM 8:11 AM	7:42 PM 8:56 AM	8:44 PM 9:39 AM
Moon Phase/ illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 21%
NauticalTwilight	0427, 1930	0427, 1930	0428, 1929
Civil Twilight	0456, 1901	0456, 1901	0457, 1901
Humidity	D : 91% N : 94%	D : 91% N : 94%	D : 88% N : 94%
Barometer (mb)	1006	1005	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	80%
Wind (mph)	16 Km/h SSW	17 Km/h S	13 Km/h S

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



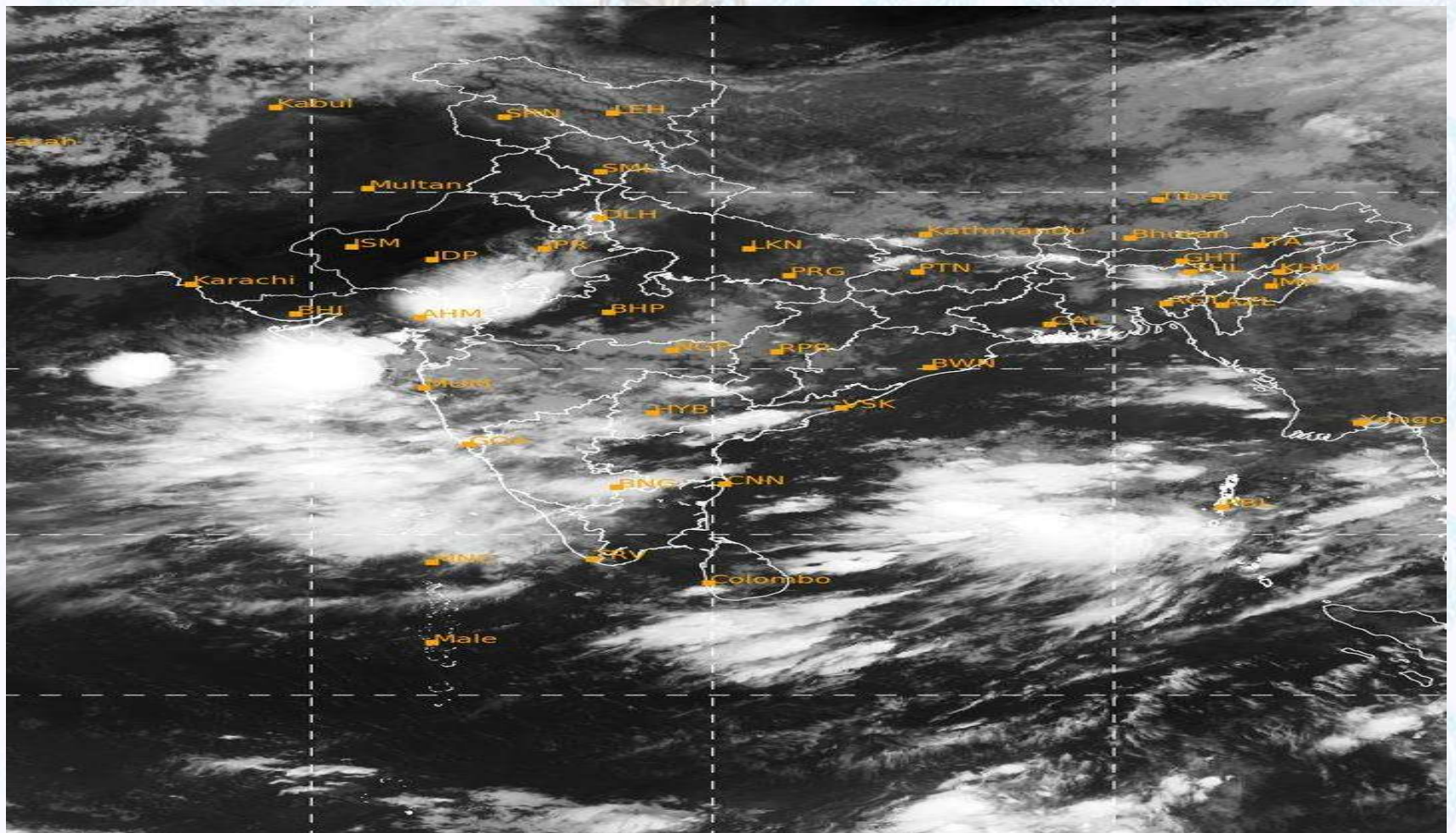
GENERAL WEATHER FORECAST – KHULNA

Description	22 July 2020	23 July 2020	24 July 2020
Temperature(C)	31°C/ 26°C	30°C/ 26°C	31°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h28m36s/18h48m12s	5h28m54s/18h47m54s	5h29m24s/18h47m28s
Day Length	13h19m36s	13h19m00s	13h17m54s
Moon Rise/Set	6:49 PM 8:22 AM	7:52 PM 9:07 AM	8:54 PM 9:49 AM
Moon Phase/illu	Waxing Crescent, 5%	Waxing Crescent, 12%	Waxing Crescent, 21%
Nautical Twilight	0435, 1941	0435, 1940	0436, 1940
Civil Twilight	0504, 1912	0504, 1911	0505, 1911
Humidity	D : 84% N : 90%	D : 86% N : 90%	D : 83% N : 88%
Barometer (mb)	1004	1003	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	80%
Wind (mph)	14 km/h SW	13 km/h SSW	16 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

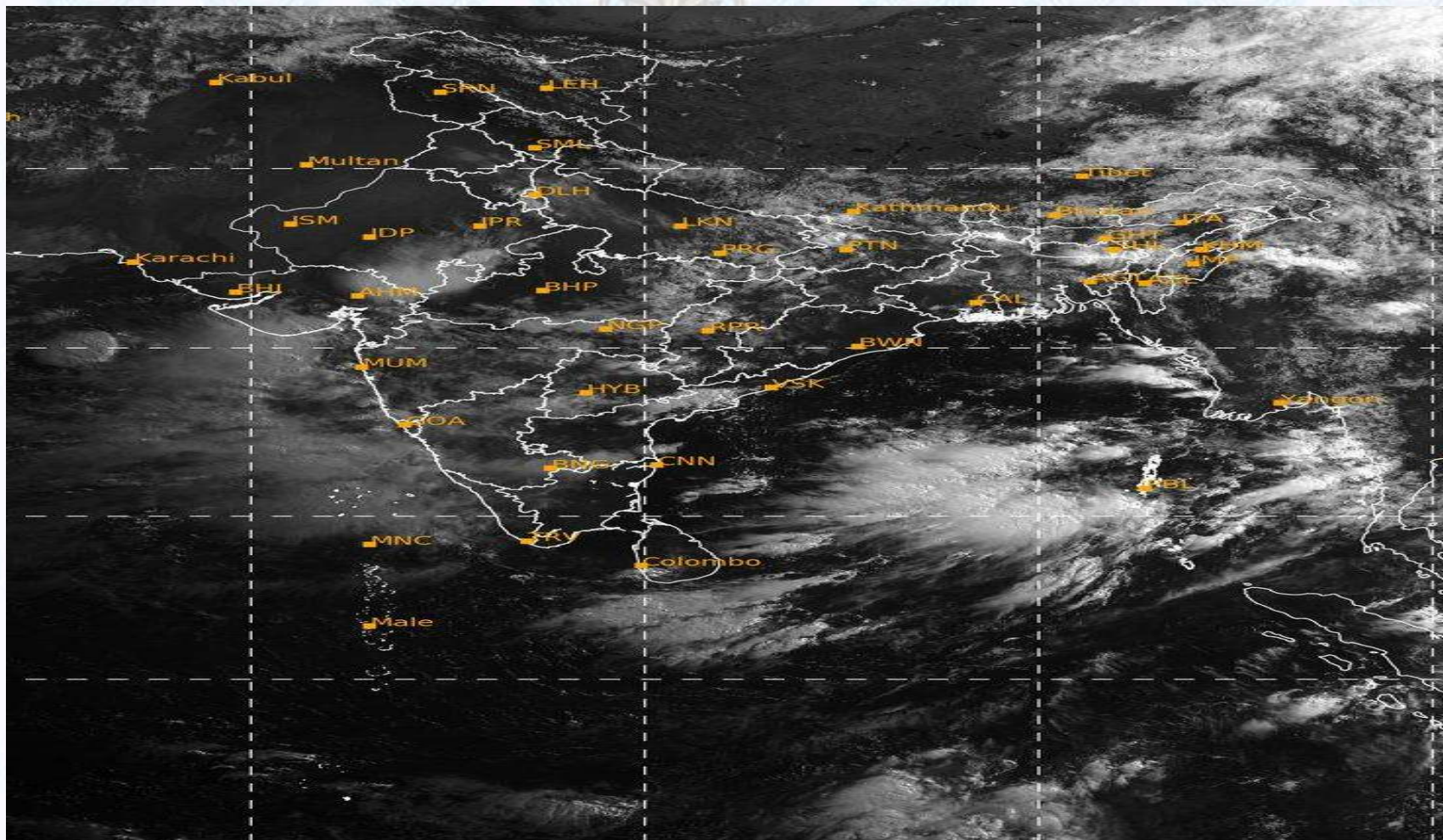


21/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/07/2020, 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 21.07.2020)

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 1000 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 21, 0000 UTC. CHATTOGRAM =1005 HPA



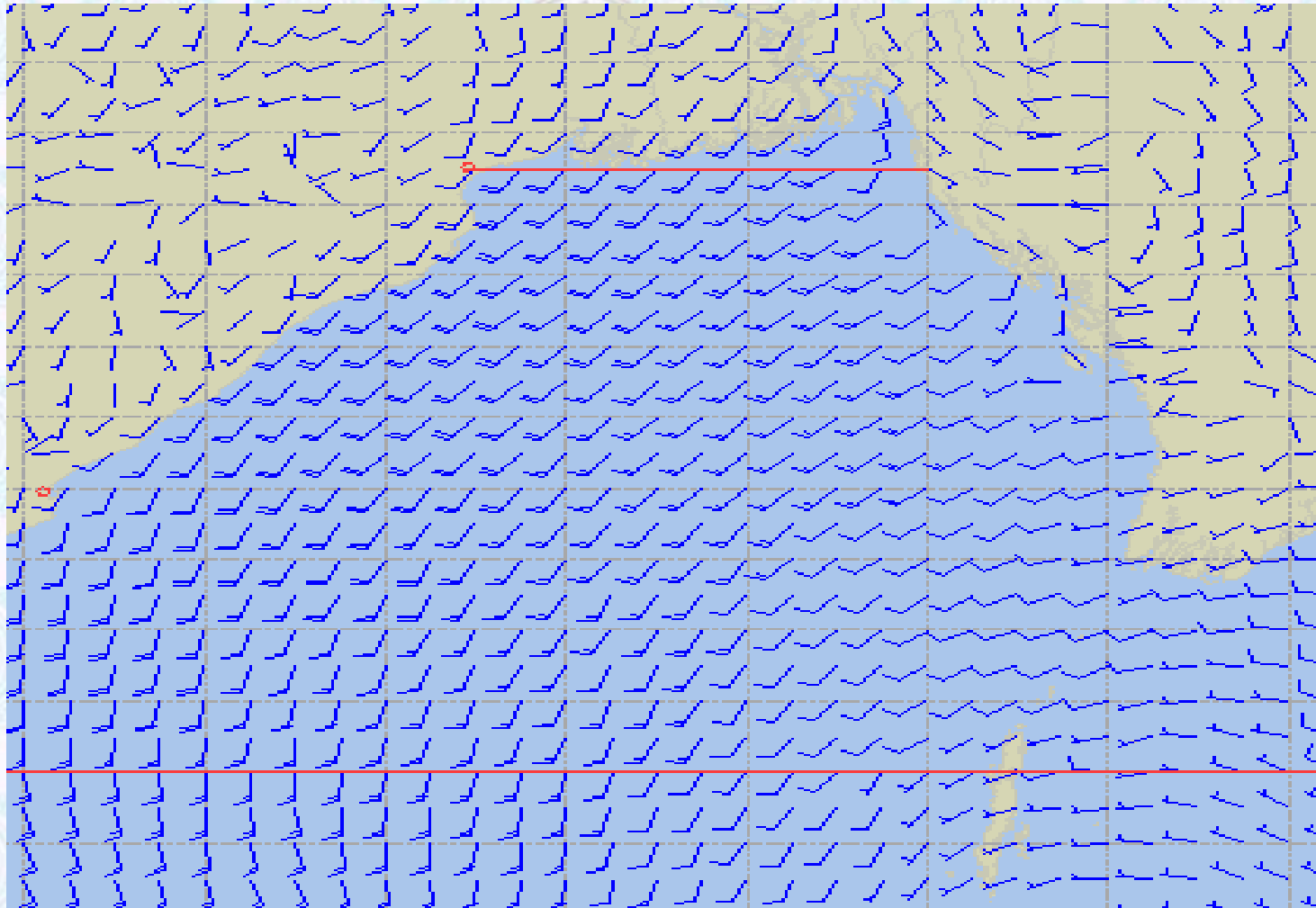
Inland River Port Warning **(VALID TILL 07 PM OF 21.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **S/SW'LY GUSTY/SQUALLY** WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, DINAJPUR, BOGURA, MYMENSINGH, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, PABNA, KUSHTIA, JASHORE, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, 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- 22 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



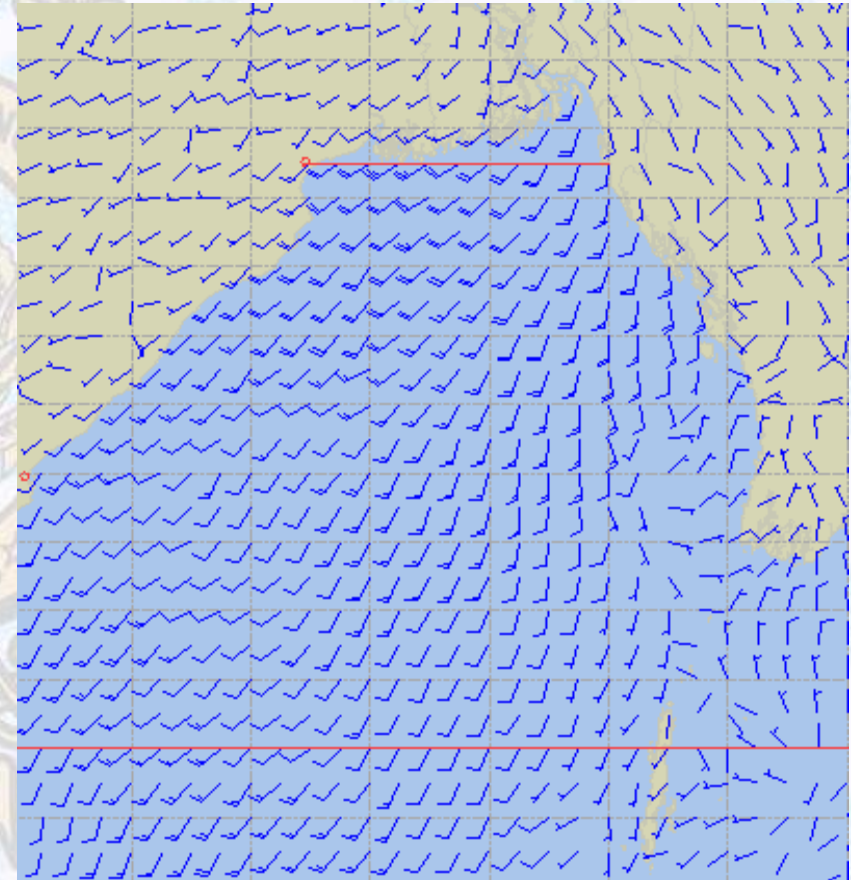
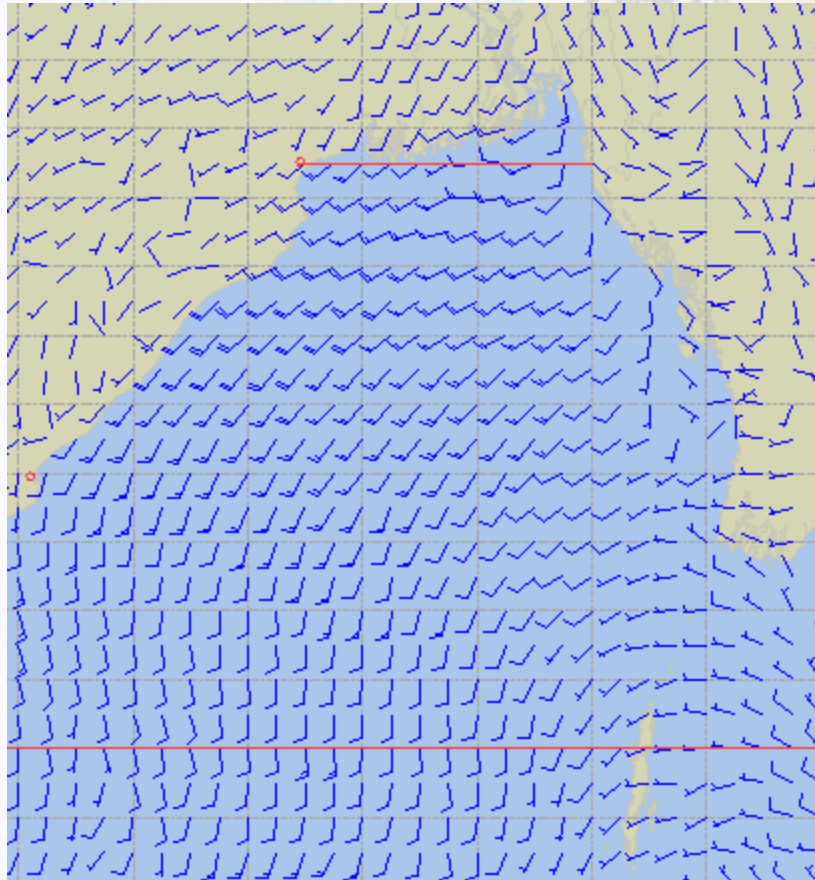
60 Knots



Surface Wind Forecast – 23 & 24 July - 2020

23 July 2020 Thursday

24 July 2020 Friday



Legend:



**Calm
Winds**



5 Knots



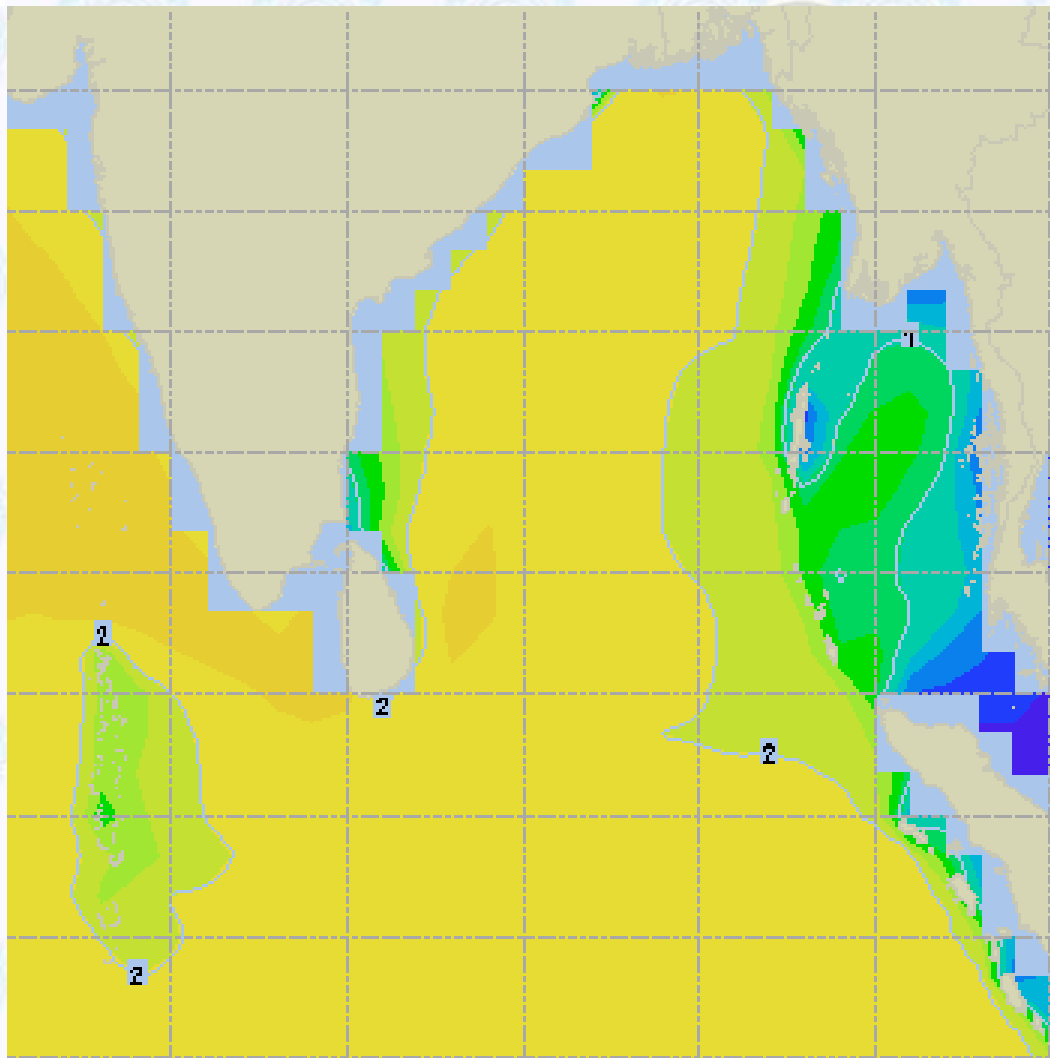
10 Knots



60 Knots



Sea State Forecast – 22 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

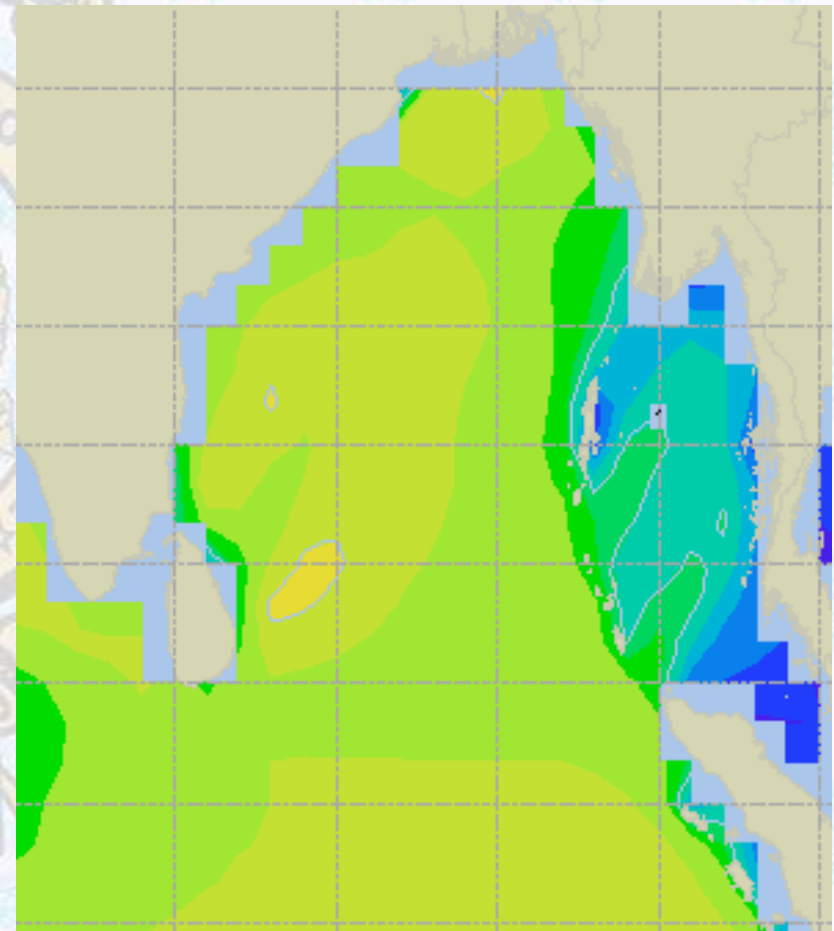
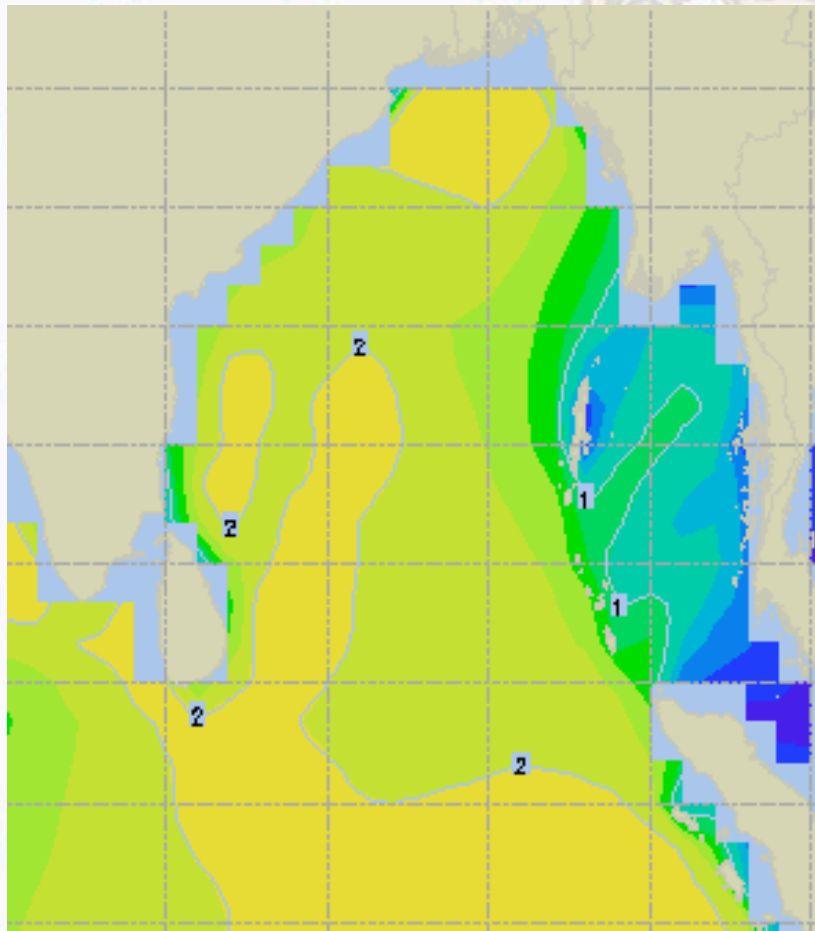




Sea State Forecast – 23 & 24 July - 2020

23 July 2020 Thursday

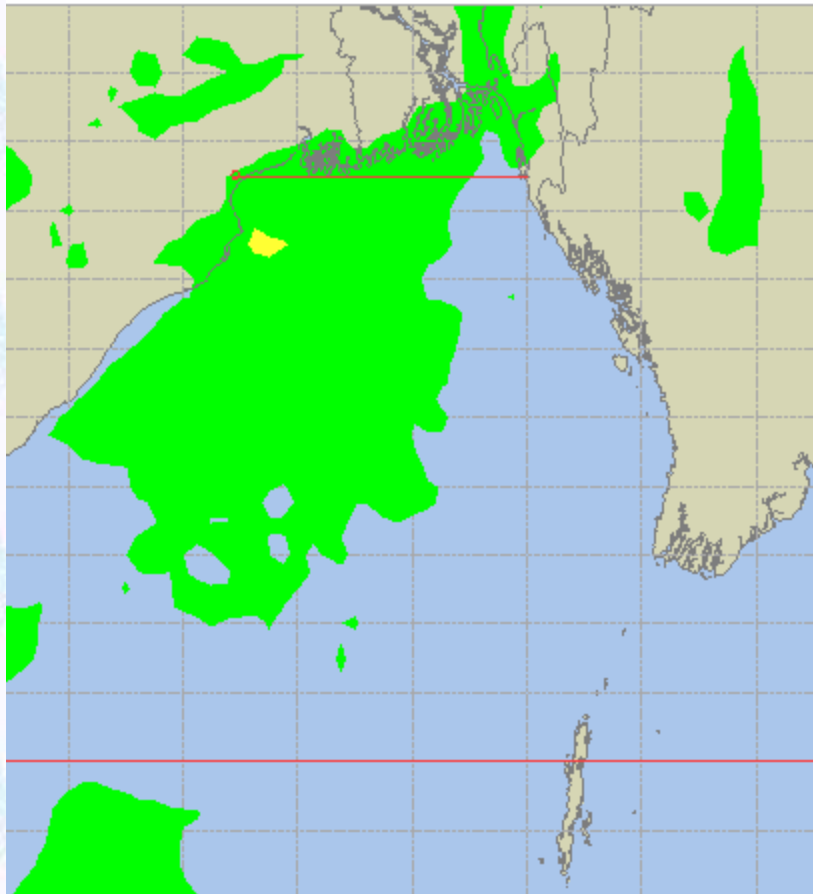
24 July 2020 Friday



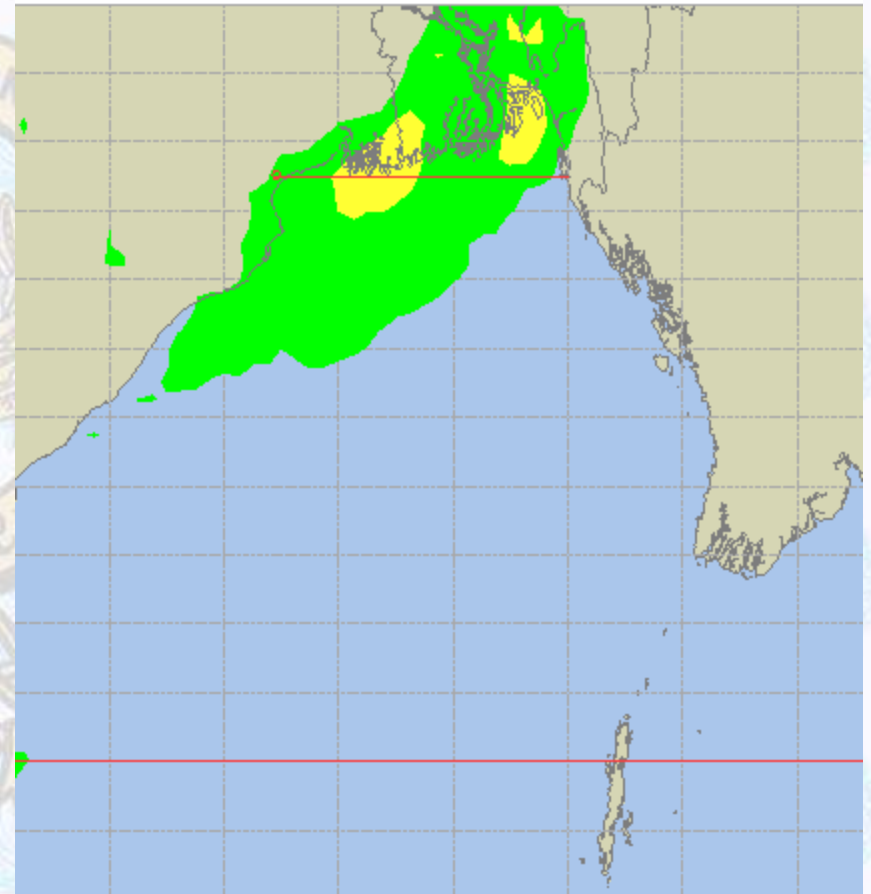


Peak Gusting Possibilities— 22 & 23 July 2020

22 July 2020 Wednesday



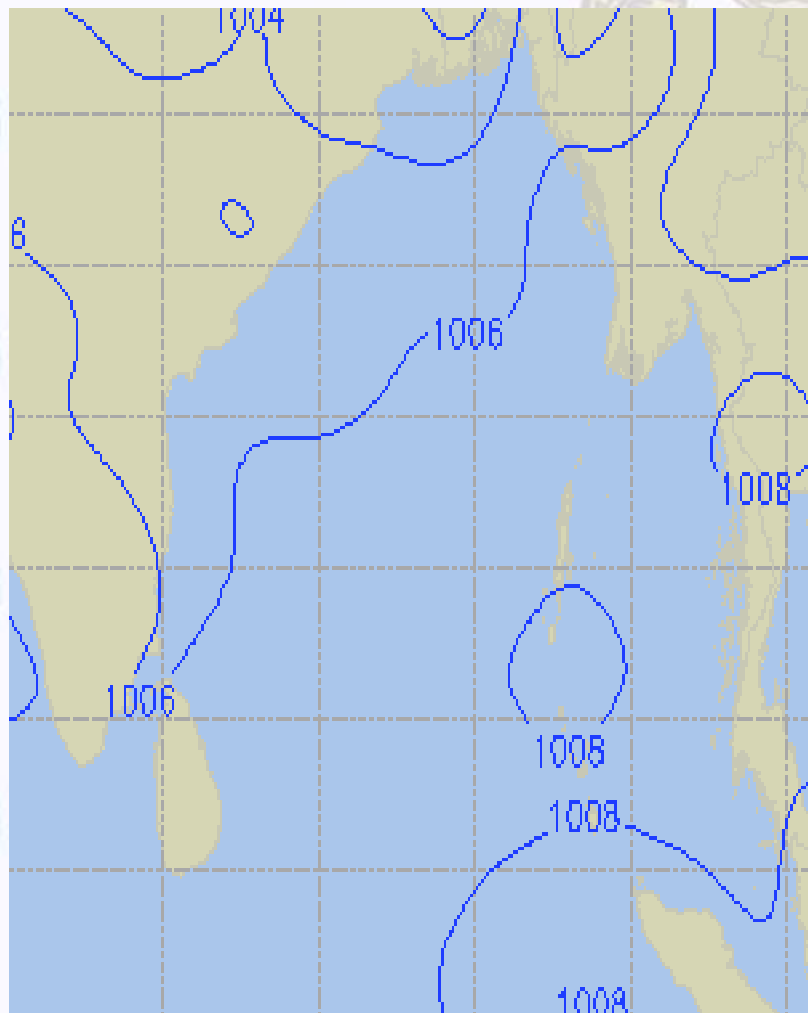
23 July 2020 Thursday



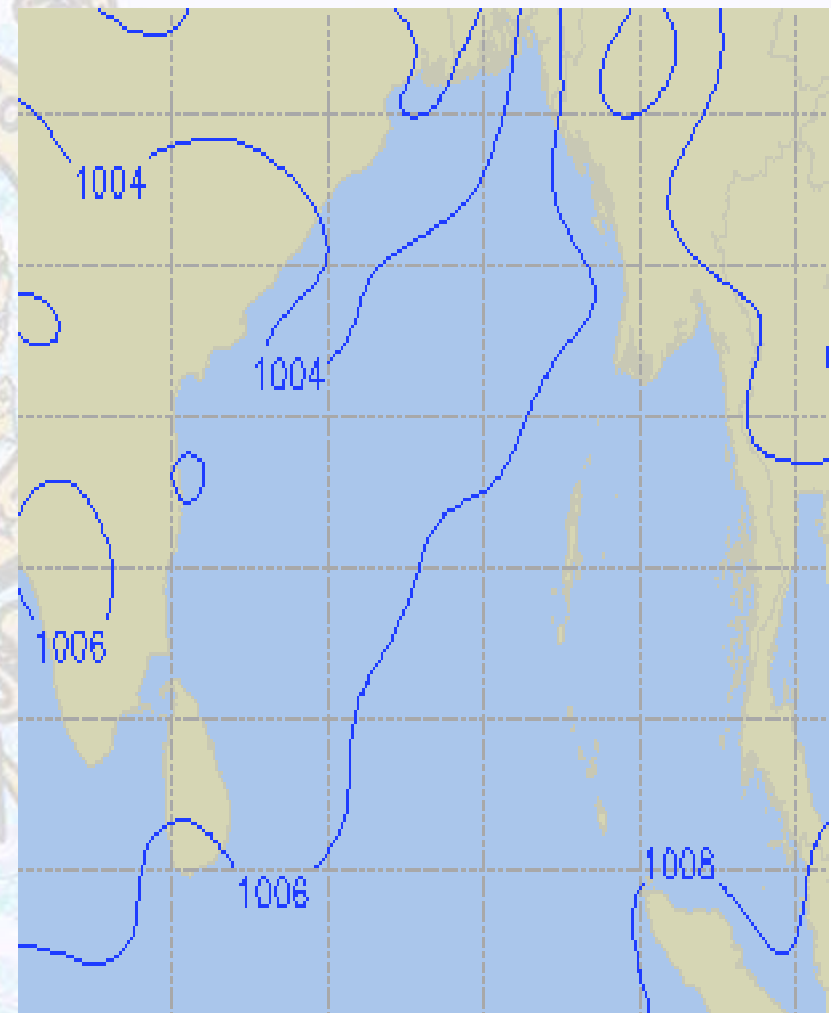


Surface Pressure forecast— 22 & 23 July 2020

22 July 2020 Wednesday



23 July 2020 Thursday

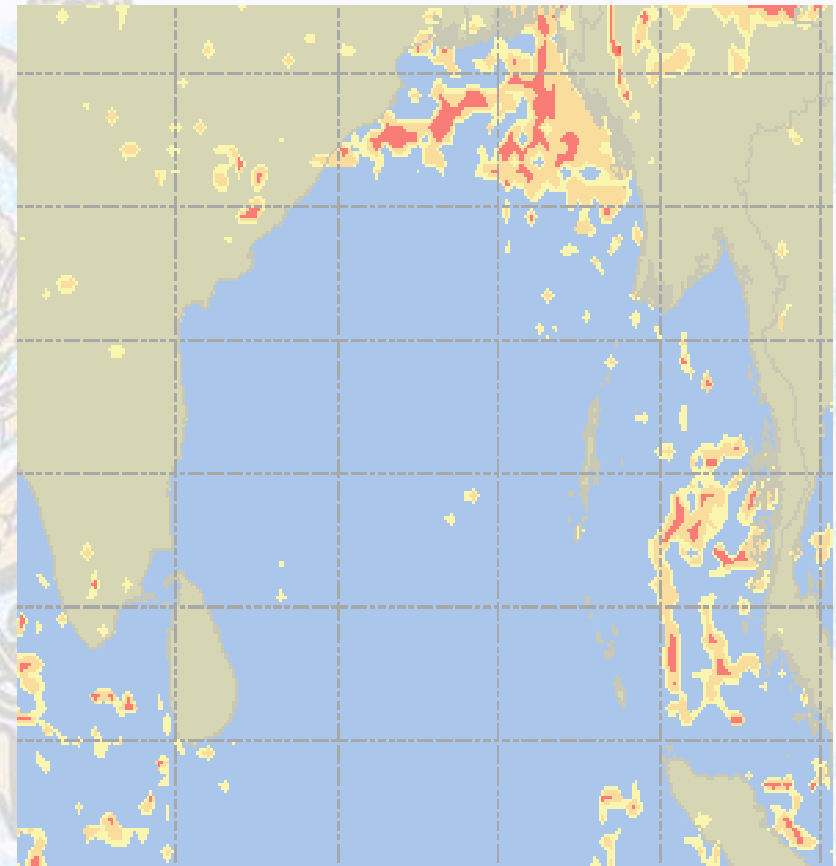
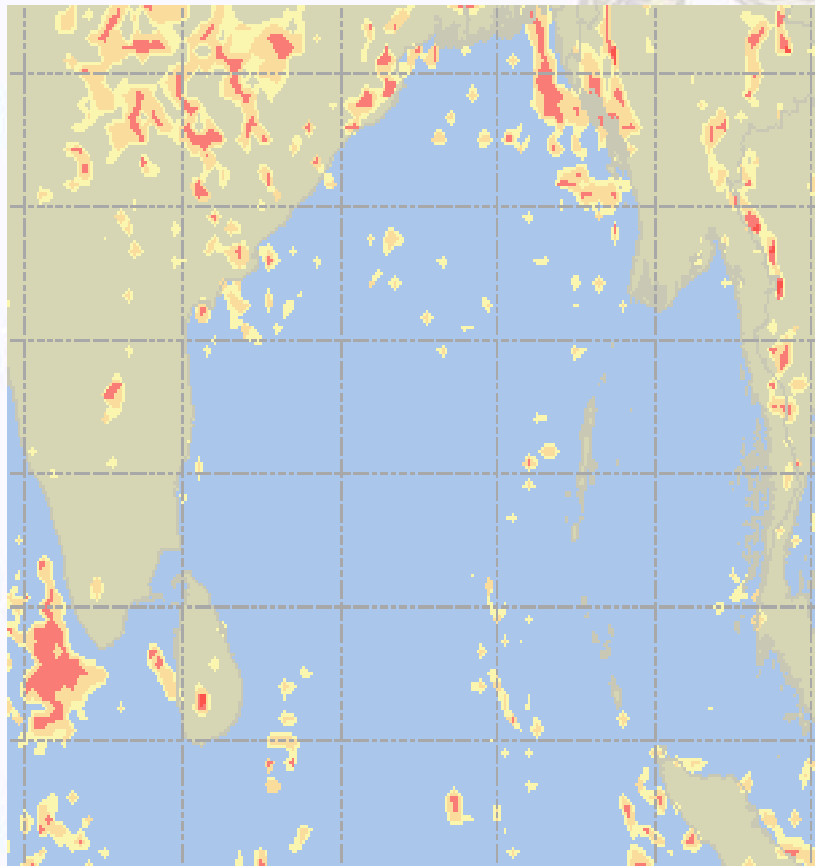




Visibility at Sea Forecast – 22 & 23 July- 2020

22 July 2020 Wednesday

23 July 2020 Thursday



Visibility Scale:

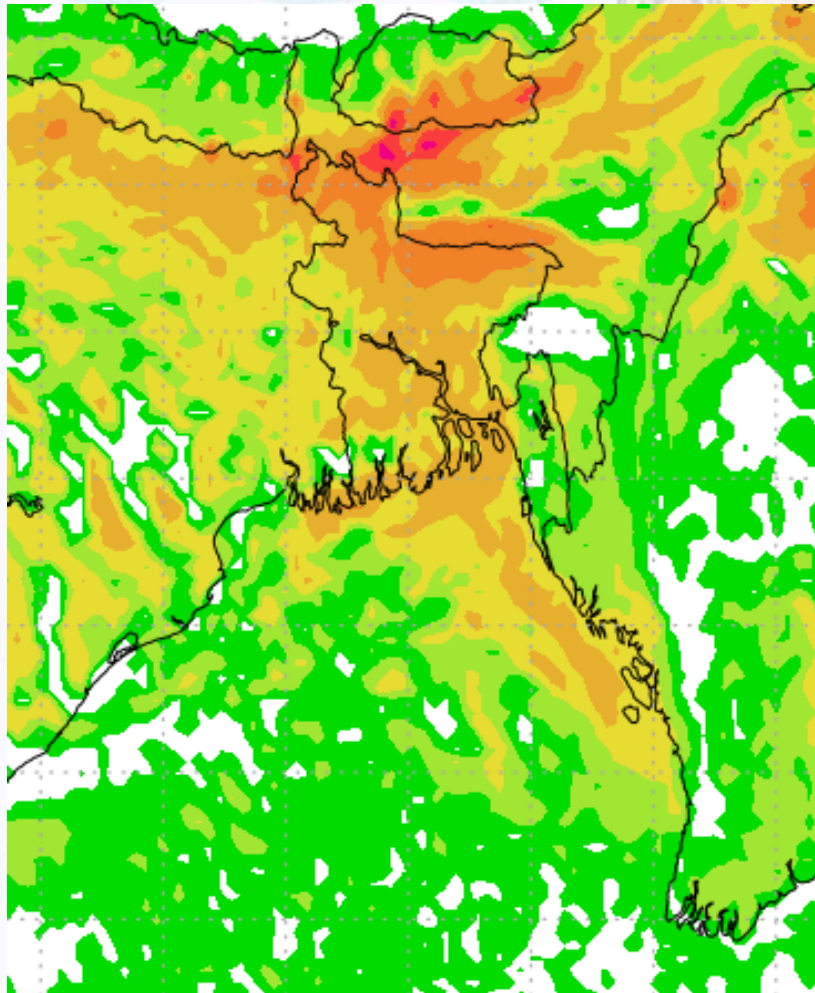


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

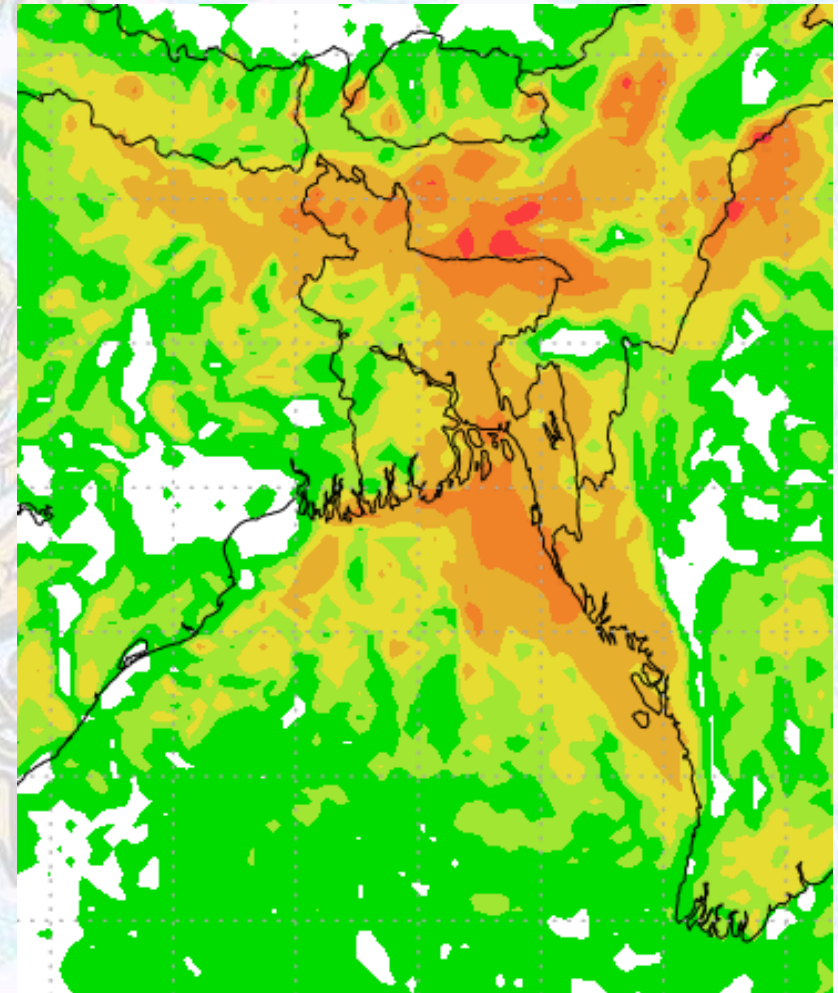


Precipitation

Rain(mm) 22 & 23 July 2020



Rain(mm) 23 & 24 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0144		5.04			0557	0.97
22 July 2020	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
	Time	Height		Time	Height		Time	Height
		0222		5.12			0637	0.96
23 July 2020	0849	0.83		1223	3.96		1211	3.51
	1434	5.54		1904	1.02		1848	0.89
	2125	0.82		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0302		5.17			0037	3.60
24 July 2020	0932	0.84		0718	0.98		0651	0.93
	1517	5.49		1305	3.87		1251	3.46
	2206	0.78		1945	1.05		1926	0.89