



WEATHER FORECAST FOR BN

30 JULY - 02 AUG 2020





WEATHER FORECAST – DHAKA

30.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	32 / 26	29 / 25	29 / 25
Wind	8 km/h SSE	10 km/h S	8 km/h S	11 km/h SSE
Humidity	73%	70%	79%	82%
Chance of Precip	33%	14%	39%	24%
Cloud Cover	86%	90%	94%	92%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 27 AM 6: 42 PM			

Conditions

Pressure : 1004 hpa

Visibility : 12.87 km

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



WEATHER FORECAST – CHATTOGRAM

30.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	30 / 27	29 / 26	28 / 27
Wind	10 km/h SSW	9 km/h S	8 km/h SSE	8 km/h SE
Humidity	85%	84%	87%	91%
Chance of Precip.	16%	14%	30%	56%
Cloud Cover	84%	88%	86%	92%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 23 AM 6: 34 PM			

Conditions

Pressure : 1006 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

30.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	32 / 28	29 / 27	29 / 27
Wind	10 km/h SSE	10 km/h SSE	7 km/h S	5 km/h SSE
Humidity	78%	78%	88%	91%
Chance of Precip.	23%	21%	14%	7%
Cloud Cover	87%	90%	84%	85%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 32 AM 6: 44 PM			

Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	31 July 2020	01 August 2020	02 August 2020
Temperature (C)	33°C/ 27°C	34°C/ 27°C	34°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h27m24s/18h41m54s	5h27m44s/18h41m18s	5h28m28s/18h40m42s
Day Length	13h14m30s	13h13m24s	13h12m18s
Moon Rise/ Set	4:00PM 2:01AM	4:59PM 2:55AM	5:53PM 3:52AM
Moon Phase/ illu	Waxing Gibbous, 85%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
NauticalTwilight	0434,1934	0434,1933	0434,1931
Civil Twilight	0503,1906	0504,1905	0505,1905
Humidity	D : 75% N : 84%	D : 71% N : 81%	D : 71% N : 80%
Barometer (mb)	1005	1004	1002
Visibility	Good	Good	Good
Precip Chance	50%	30%	20%
Wind (mph)	7 Km/h S	6 Km/h SSW	7 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	31 July 2020	01 August 2020	02 August 2020
Temperature (C)	31°C/ 26°C	31°C/ 26°C	31°C/ 26°C
Summary	Cloudy/ Light rain	Cloudy/ Light rain	Cloudy/ Light rain
Sun Rise/Set	5h24m06s/18h33m36s	5h24m36s/18h33m00s	5h25m06s/18h32m30s
Day Length	13h09m30s	13h08m24s	13h07m24s
Moon Rise/ Set	3:51PM 1:58AM	4:50PM 2:52AM	5:44PM 3:49AM
Moon Phase/ illu	Waxing Gibbous, 85%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
NauticalTwilight	0431, 1925	0432, 1924	0433, 1923
Civil Twilight	0500, 1857	0501, 1856	0502, 1856
Humidity	D : 83% N : 93%	D : 82% N : 93%	D : 82% N : 93%
Barometer (mb)	1006	1005	1003
Visibility	Good	Good	Good
Precip Chance	40%	20%	20%
Wind (mph)	8 Km/h SSW	9 Km/h WSW	8 Km/h NW

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



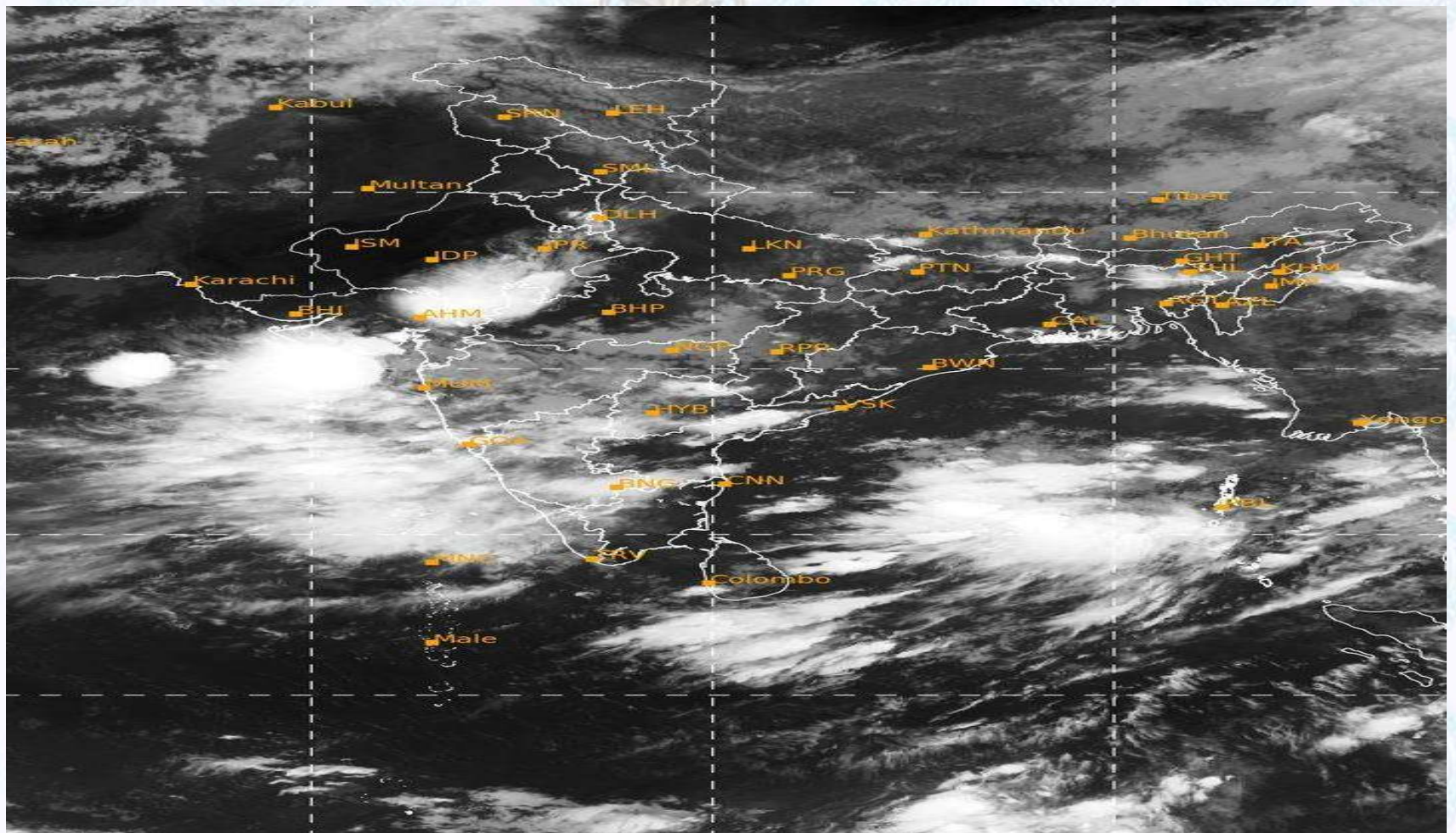
GENERAL WEATHER FORECAST – KHULNA

Description	31 July 2020	01 August 2020	02 August 2020
Temperature(C)	33°C/ 27°C	34°C/ 27°C	34°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h32m24s/18h43m36s	5h32m54s/18h43m00s	5h33m24s/18h42m30s
Day Length	13h11m12s	13h10m06s	13h09m06s
Moon Rise/Set	4:02PM 2:08AM	5:00PM 3:02AM	5:55PM 3:59AM
Moon Phase/illu	Waxing Gibbous, 85%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
Nautical Twilight	0440, 1936	0441, 1935	0442, 1934
Civil Twilight	0508, 1907	0509, 1906	0510, 1905
Humidity	D : 78% N : 87%	D : 75% N : 86%	D : 73% N : 85%
Barometer (mb)	1005	1004	1002
Visibility	Good	Good	Good
Precip Chance	60%	30%	20%
Wind (mph)	8 km/h SSE	7 km/h SSE	6 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

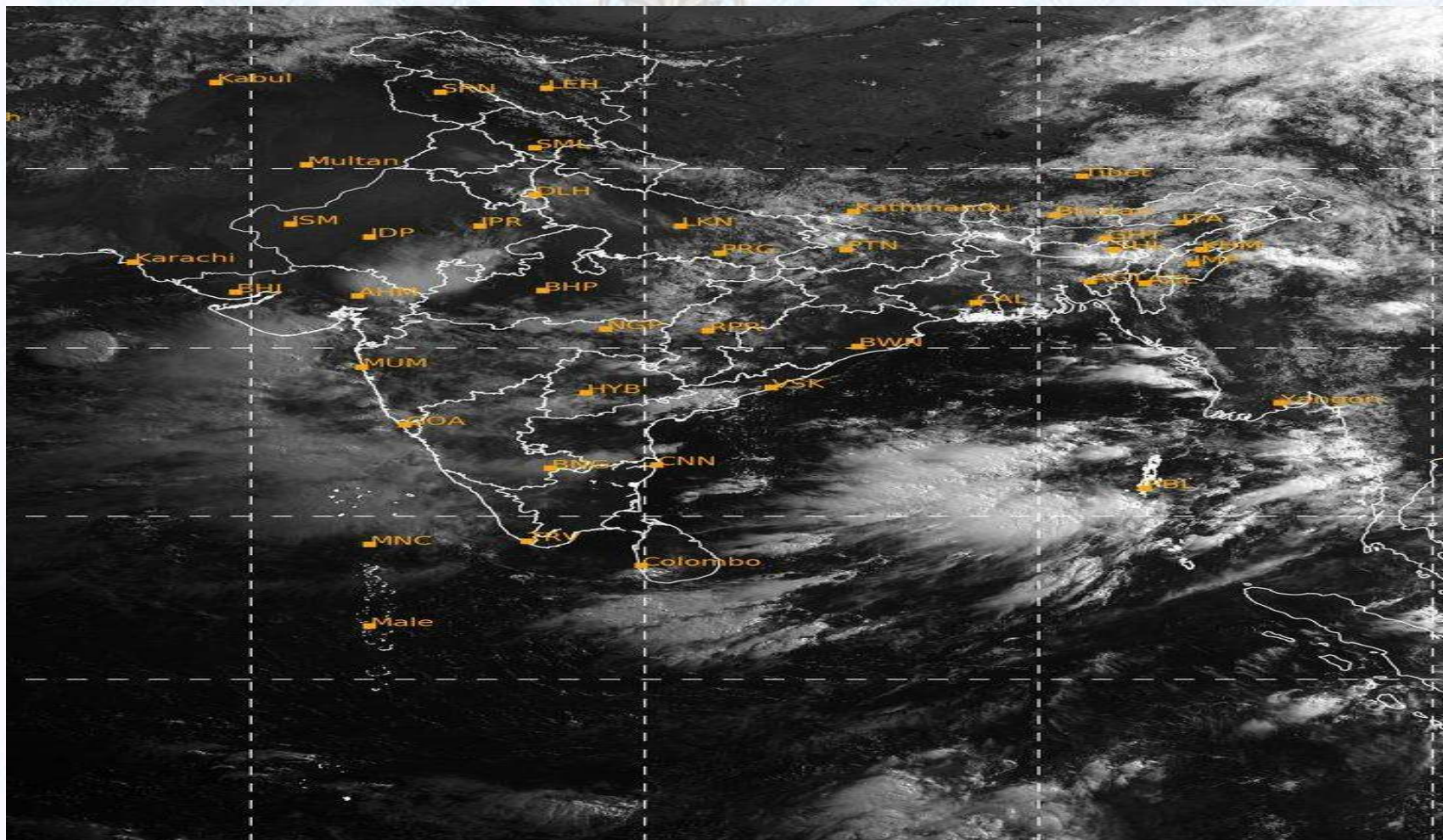


30/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



30/07/2020, 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 30.07.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 08-12 KTS. TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1006 HPA



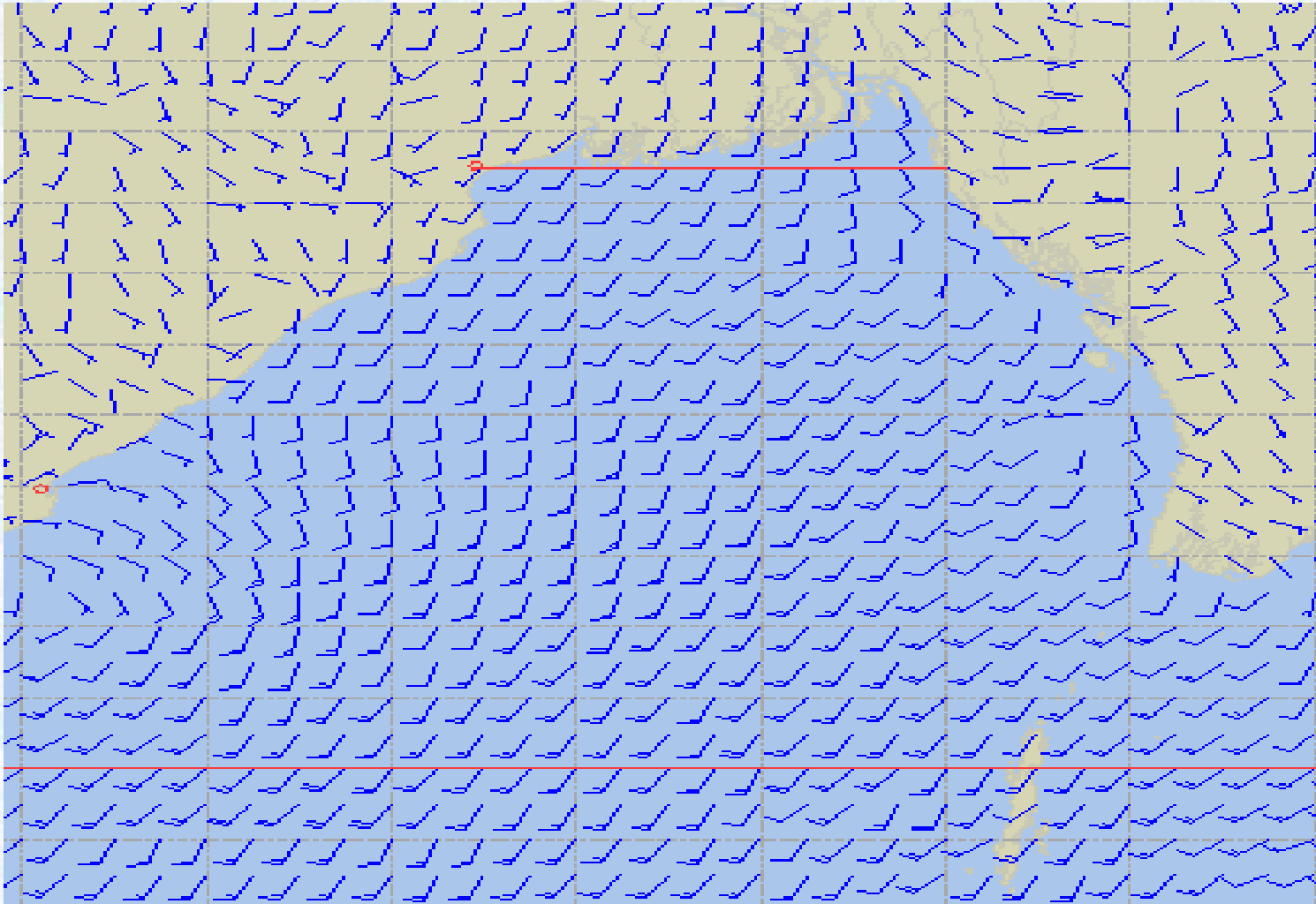
Inland River Port Warning **(VALID TILL 07 PM OF 30.07.2020)**

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 RANGPUR, MYHMENSINGH, TANGAIL, FARIDPUR, MADARIPUR, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, CHATTOGRRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast-31 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



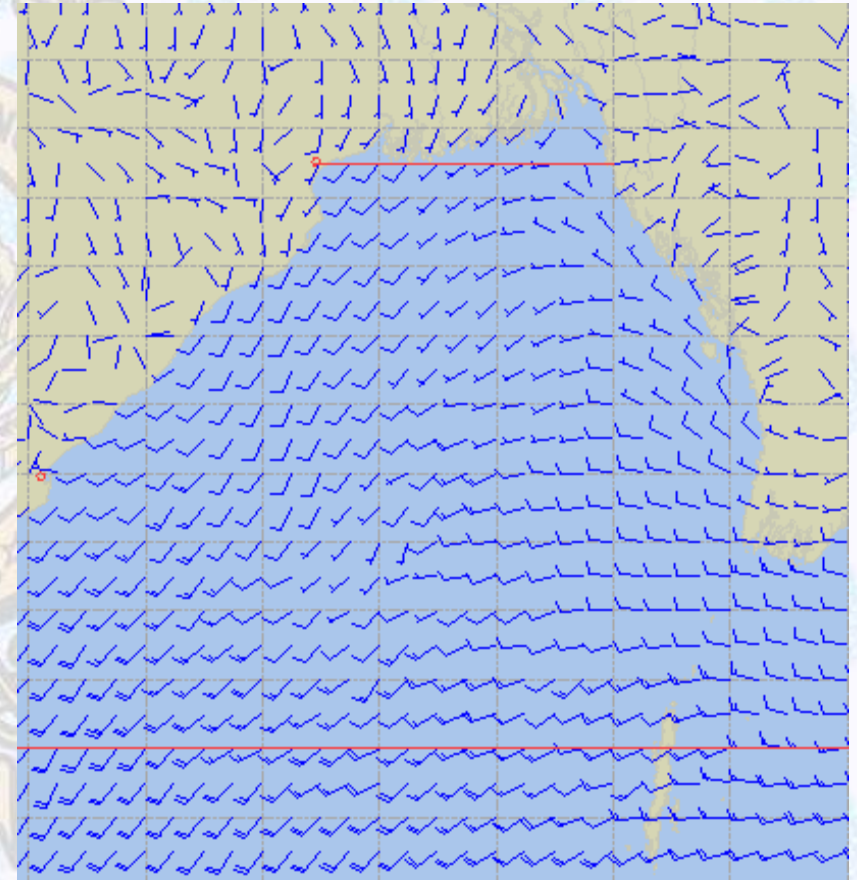
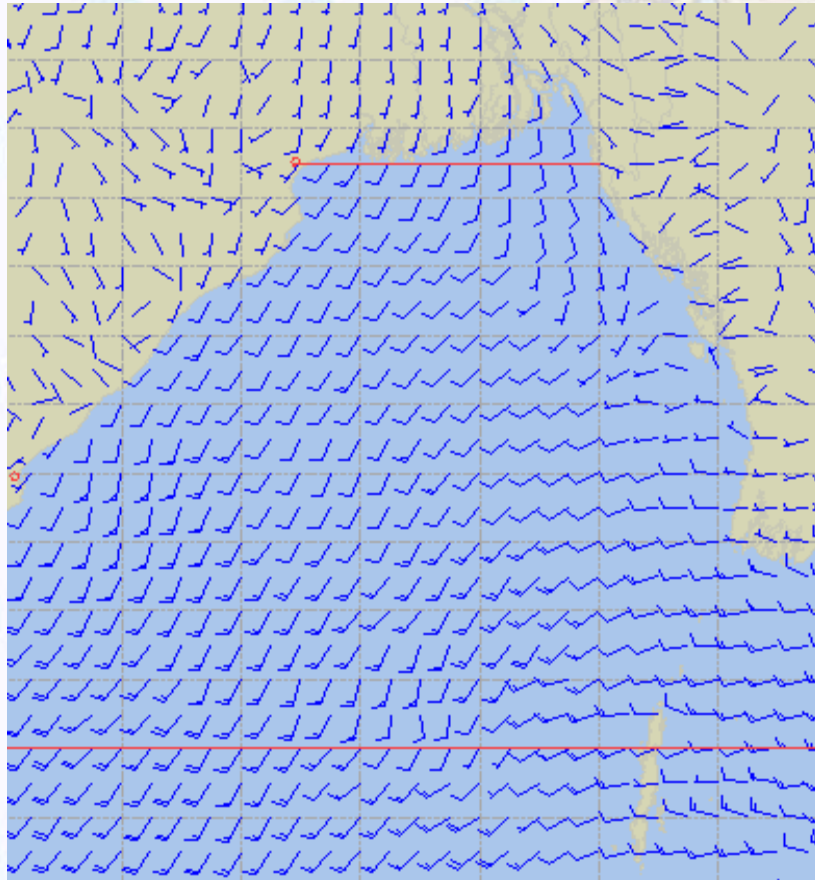
60 Knots



Surface Wind Forecast – 01 & 02 Aug - 2020

01 August 2020 Saturday

02 August 2020 Saturday



Legend:



**Calm
Winds**



5 Knots



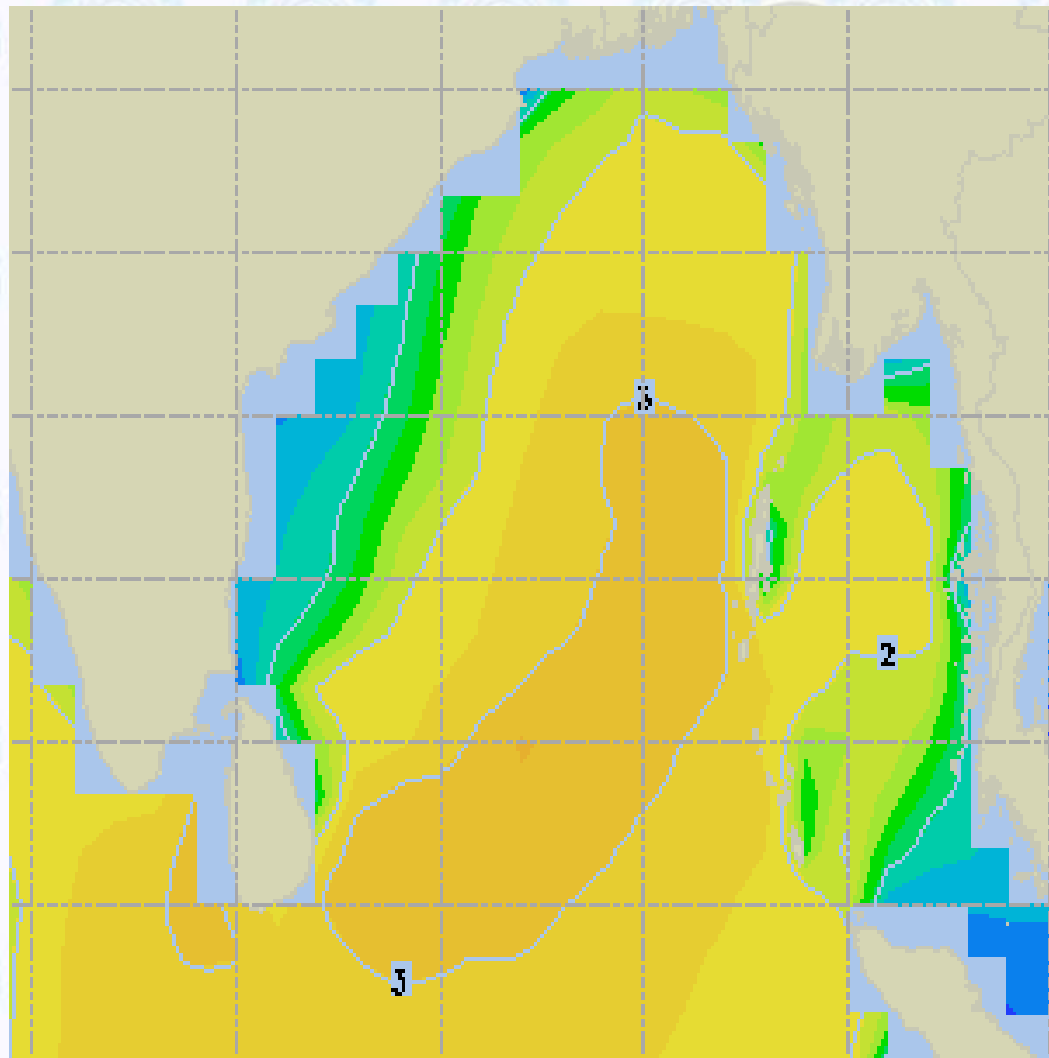
10 Knots



60 Knots



Sea State Forecast – 31 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

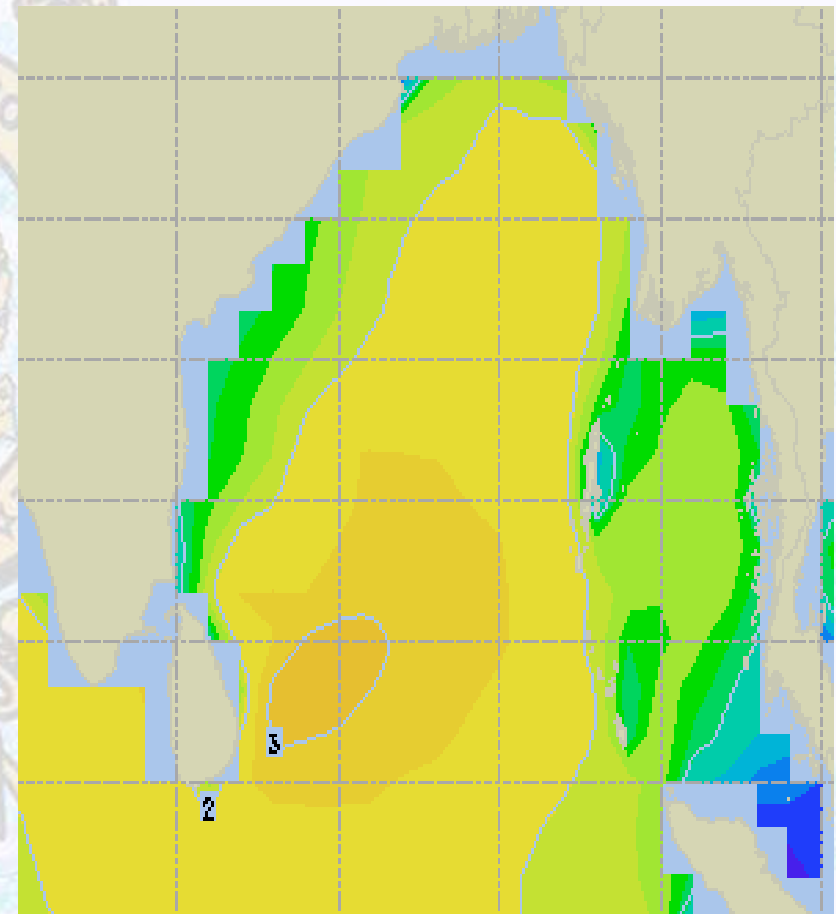
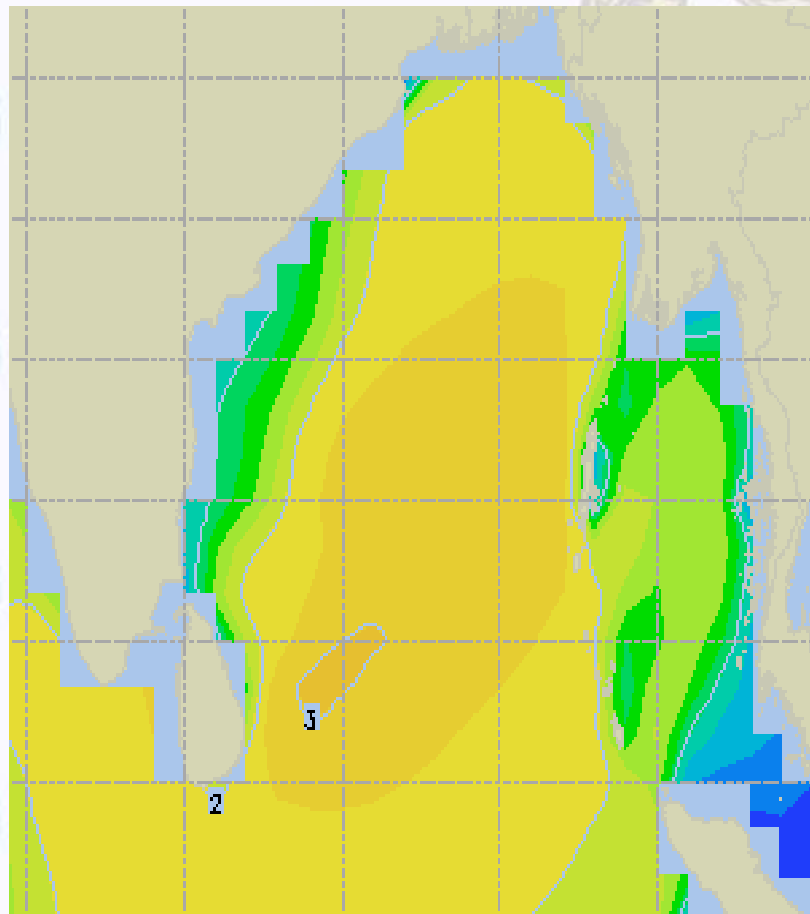




Sea State Forecast – 01 & 02 Aug - 2020

01 August 2020 Saturday

02 August 2020 Saturday

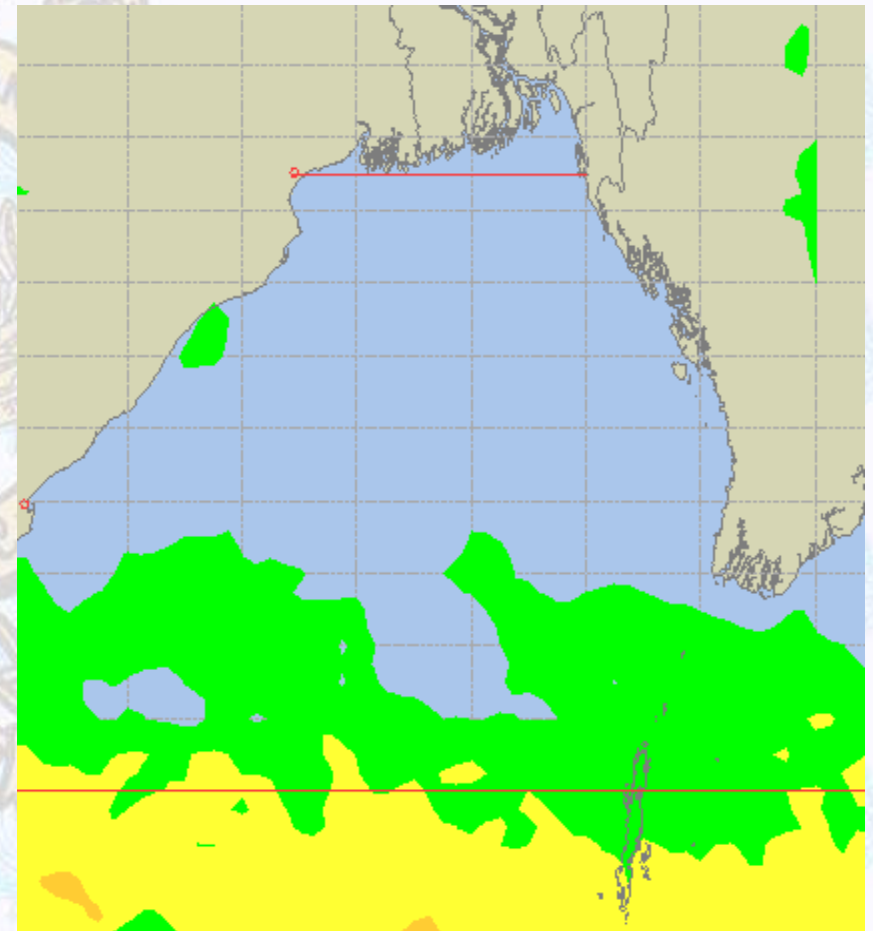
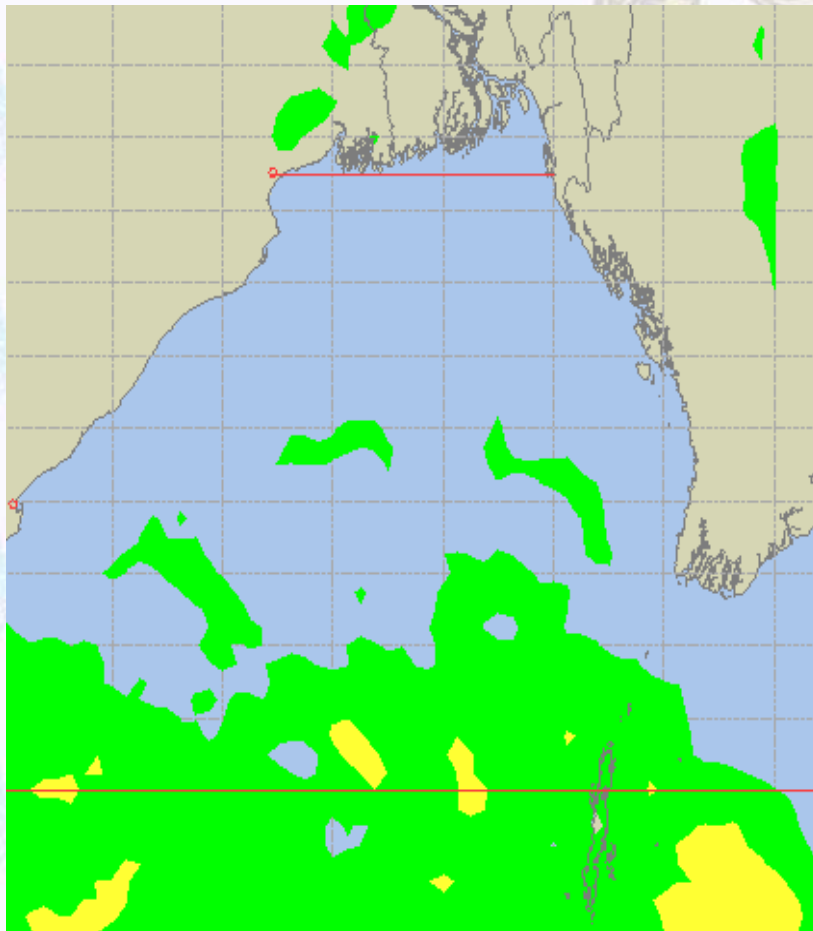




Peak Gusting Possibilities— 31 July & 01 Aug 2020

31 July 2020 Friday

01 August 2020 Saturday

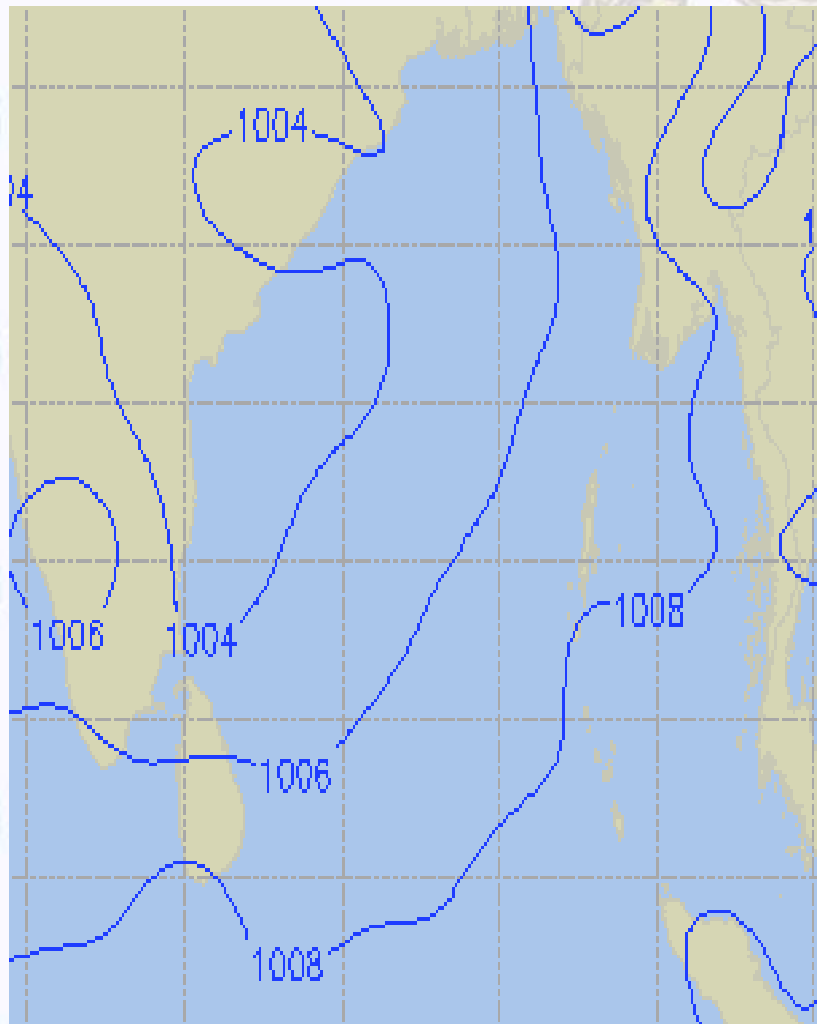


16 22 27 32 38 43 49 54 59 65 70 78 [knots]

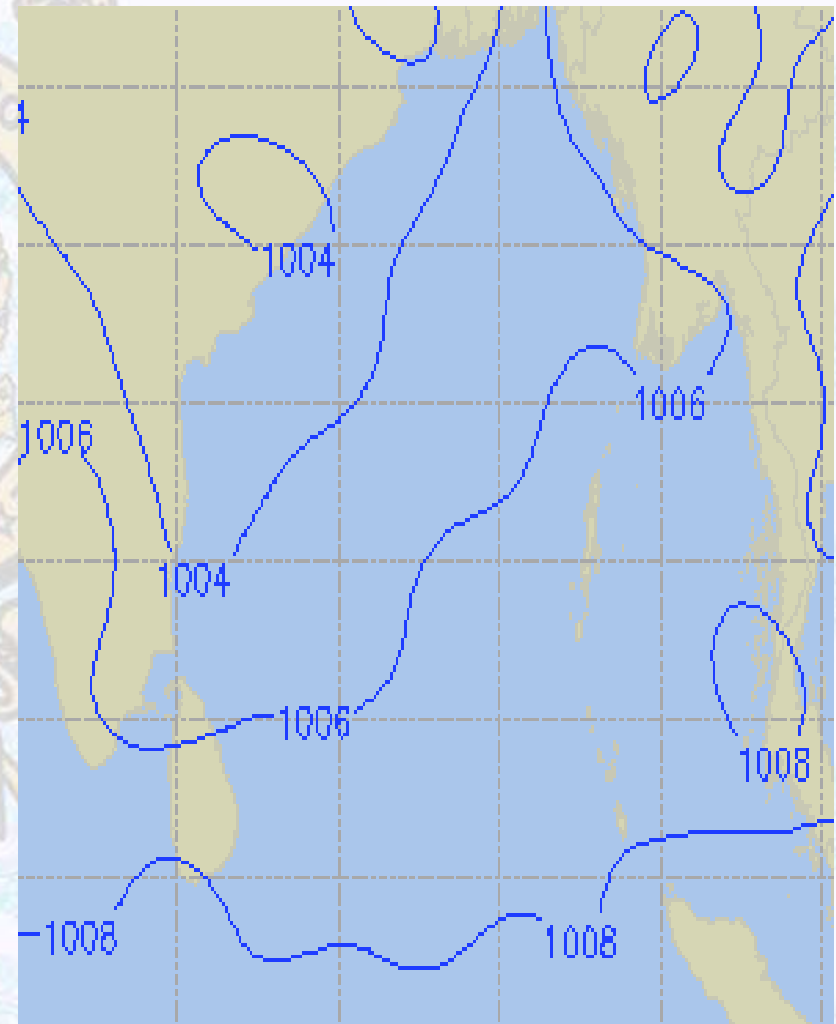


Surface Pressure forecast– 31 July & 01 Aug 2020

31 July 2020 Friday



01 August 2020 Saturday

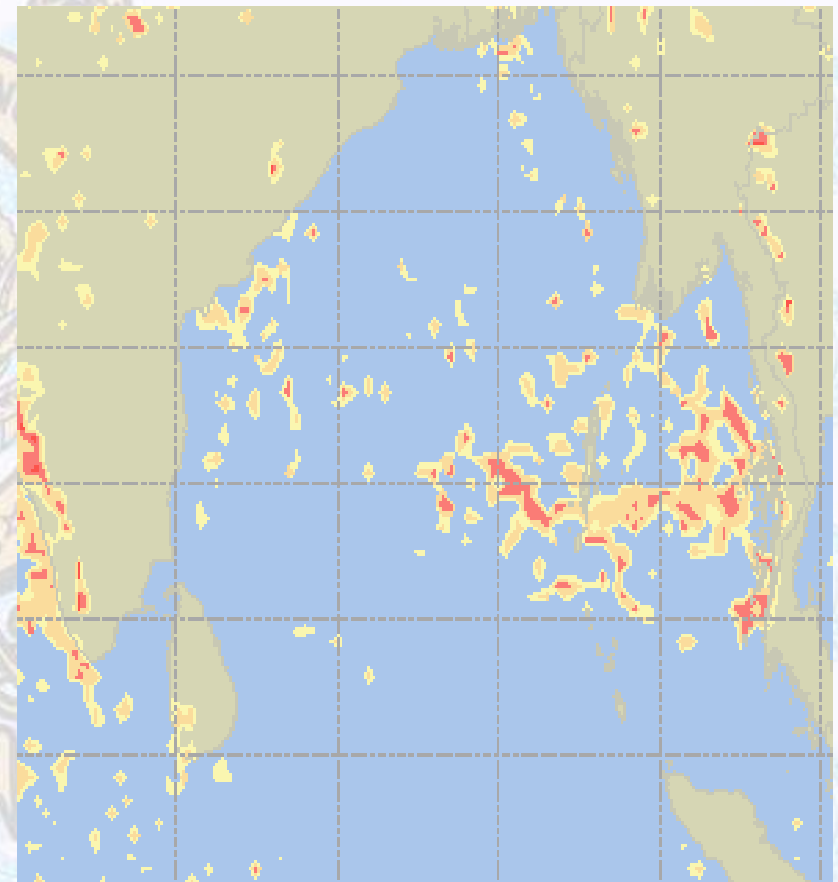
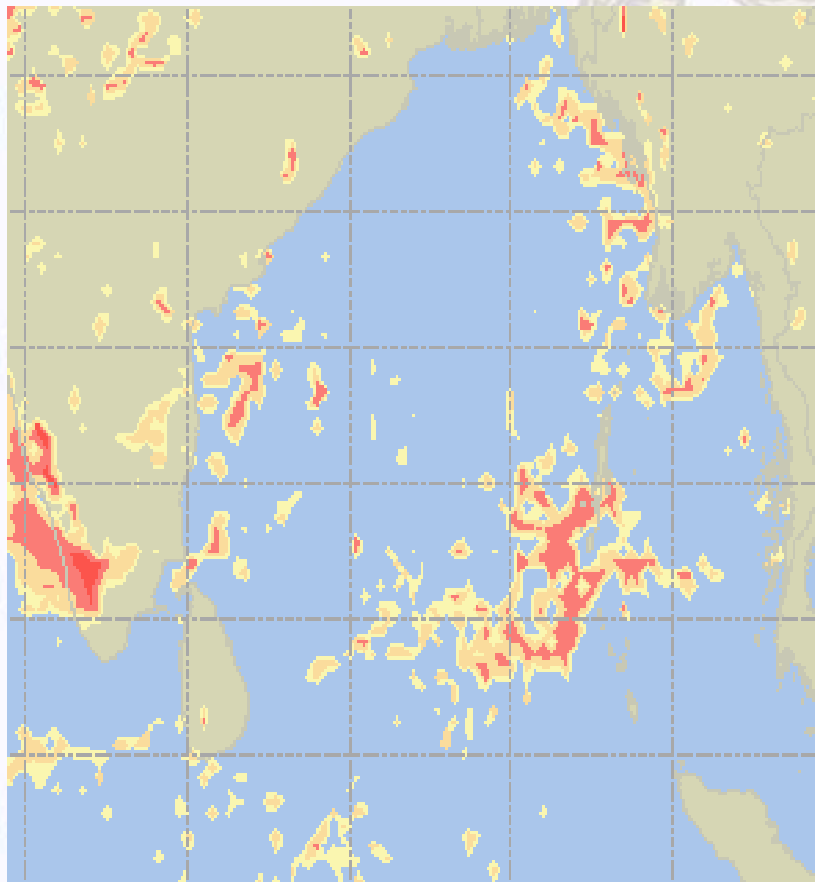




Visibility at Sea Forecast – 31 July & 01 Aug 2020

31 July 2020 Friday

01 August 2020 Saturday



Visibility Scale:

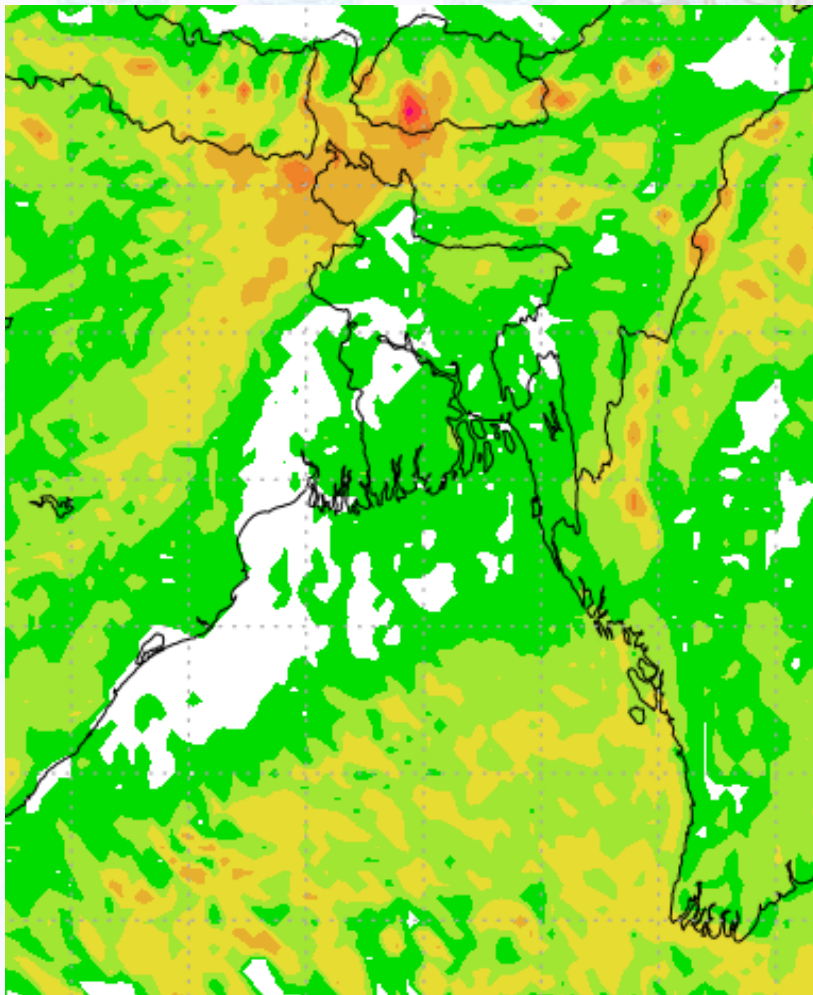


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

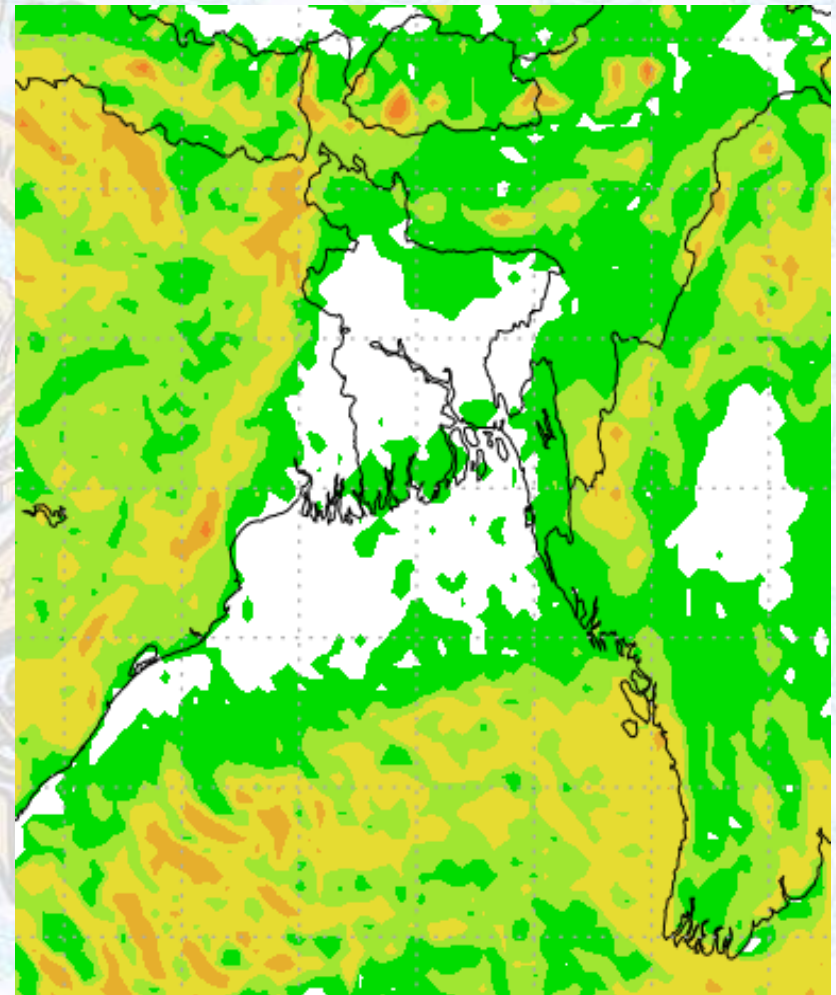


Precipitation

Rain(mm) 31 July & 01 Aug 2020



Rain(mm) 01 & 02 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
31 July 2020	0417	1.28		0151	1.33		0127	1.39
	1031	4.89		0752	3.29		0800	3.04
	1709	1.21		1435	1.30		1434	1.50
	2309	4.52		2022	3.08		2031	2.74
01 Aug 2020	Time	Height		Time	Height		Time	Height
	0520	1.18		0256	1.23		0236	1.31
	1128	5.03		0850	3.46		0900	3.17
	1805	1.07		1535	1.21		1533	1.36
	-	-		2117	3.22		2128	2.87
02 Aug 2020	Time	Height		Time	Height		Time	Height
	0001	4.69		0353	1.13		0332	1.22
	0613	1.06		0939	3.62		0948	3.28
	1214	5.17		1625	1.13		1621	1.23
	1853	0.96		2202	3.36		2213	2.99