



WEATHER FORECAST FOR BN

23 JULY - 26 JULY 2020





WEATHER FORECAST – DHAKA

23.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30/ 26	30 / 26	28 / 25	28 / 25
Wind	11 km/h SSE	12 km/h S	11 km/h SSE	11 km/h SSE
Humidity	78%	77%	83%	86%
Chance of Precip	73%	34%	40%	55%
Cloud Cover	90%	93%	94%	95%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 23 AM			
Sunset	6: 46 PM			

Conditions

Pressure : 1003 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

23.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	27 / 26	27 / 26
Wind	17 km/h S	17 km/h S	15 km/h S	14 km/h SSE
Humidity	91%	90%	91%	93%
Chance of Precip.	47%	41%	82%	65%
Cloud Cover	95%	96%	97%	96%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 20 AM			
Sunset	6: 37 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

23.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30/ 28	28 / 27	28 / 27
Wind	10 km/h S	11 km/h S	9 km/h S	8 km/h S
Humidity	88%	89%	93%	95%
Chance of Precip.	24%	40%	30%	34%
Cloud Cover	92%	93%	90%	90%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 28 AM 6: 47 PM			

Conditions

Pressure : 1003 hpa

Visibility : 6.44 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	24 July 2020	25 July 2020	26 July 2020
Temperature (C)	31 °C/ 26 °C	34 °C/ 27 °C	33 °C/ 27 °C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h24m12s/18h45m42s	5h24m42s/18h45m06s	5h25m12s/18h44m30s
Day Length	13h21m30s	13h20m24s	13h19m18s
Moon Rise/ Set	8:49 PM 9:45 AM	9:51 PM 10:25 AM	10:52 PM 11:04 AM
Moon Phase/ illu	Waxing Crescent, 21%	Waxing Crescent, 32%	Waxing Crescent, 43%
Nautical Twilight	0430,1939	0431,1938	0431,1937
Civil Twilight	0459,1909	0500,1909	0500,1908
Humidity	D : 79% N : 85%	D : 72% N : 82%	D : 72% N : 83%
Barometer (mb)	1005	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	40%	60%
Wind (mph)	14 Km/h SSE	10 Km/h SW	9 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	24 July 2020	25 July 2020	26 July 2020
Temperature (C)	30 °C/ 25 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h21m06s/18h37m18s	5h21m36s/18h36m42s	5h22m06s/18h36m12s
Day Length	13h16m12s	13h15m06s	13h14m06s
Moon Rise/ Set	8:44 PM 9:39 AM	9:46 PM 10:18 AM	10:45 PM 10:58 AM
Moon Phase/ illu	Waxing Crescent, 21%	Waxing Crescent, 31%	Waxing Crescent, 43%
NauticalTwilight	0428, 1929	0428, 1929	0429, 1928
Civil Twilight	0457, 1901	0457, 1900	0458, 1900
Humidity	D : 84% N : 93%	D : 83% N : 93%	D : 82% N : 92%
Barometer (mb)	1008	1009	1008
Visibility	Moderate	Moderate	Moderate
Precip Chance	60%	20%	40%
Wind (mph)	14 Km/h S	10 Km/h WSW	8 Km/h W

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



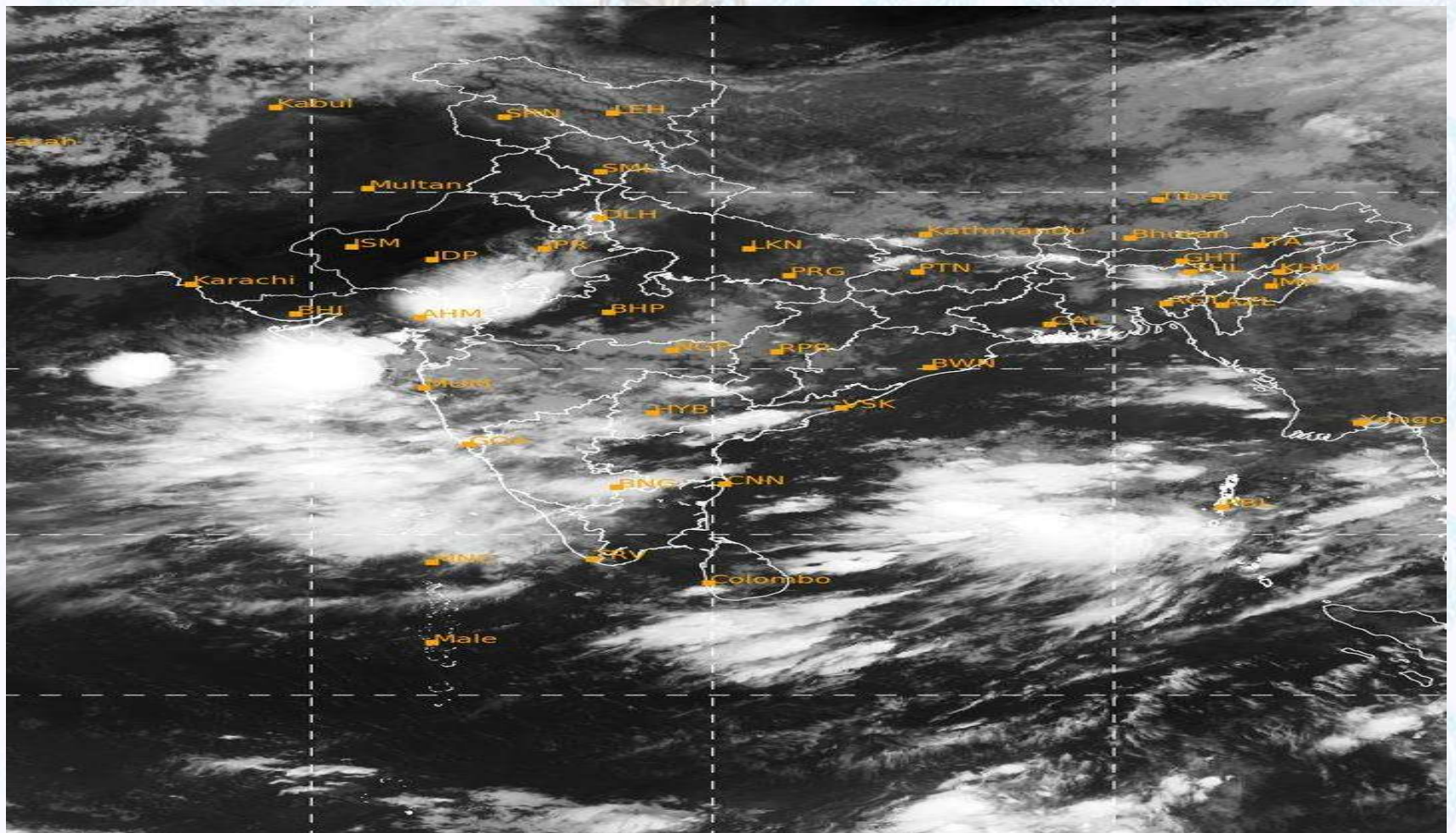
GENERAL WEATHER FORECAST – KHULNA

Description	24 July 2020	25 July 2020	26 July 2020
Temperature(C)	31°C/ 26°C	33°C/ 26°C	34°C/ 27°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h29m24s/18h47m28s	5h29m54s/18h46m42s	5h30m24s/18h46m12s
Day Length	13h17m54s	13h16m48s	13h15m48s
Moon Rise/Set	8:54 PM 9:49 AM	9:56 PM 10:29 AM	10:56 PM 11:09 AM
Moon Phase/illu	Waxing Crescent, 21%	Waxing Crescent, 32%	Waxing Crescent, 43%
Nautical Twilight	0436, 1940	0436, 1939	0437, 1939
Civil Twilight	0505, 1911	0505, 1910	0506, 1910
Humidity	D : 83% N : 88%	D : 75% N : 86%	D : 74% N : 85%
Barometer (mb)	1005	1007	1007
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	40%	50%
Wind (mph)	15 km/h SSE	11 km/h SSW	10 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

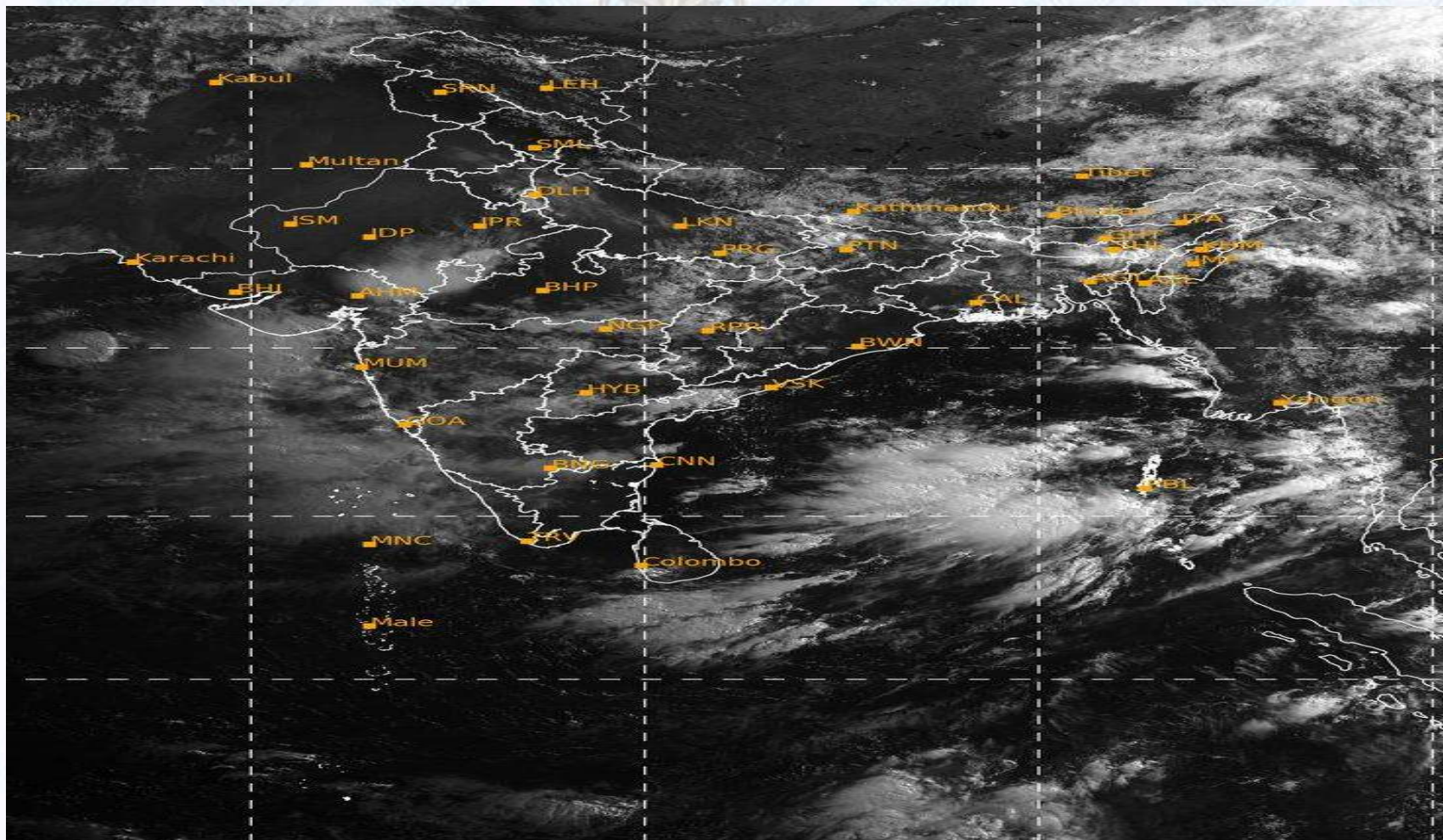


23/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



23/07/2020, 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 23.07.2020)

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	S/SW'LY, 10-17 KTS TEMPORARY GUSTING TO 27 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 =1005 HPA



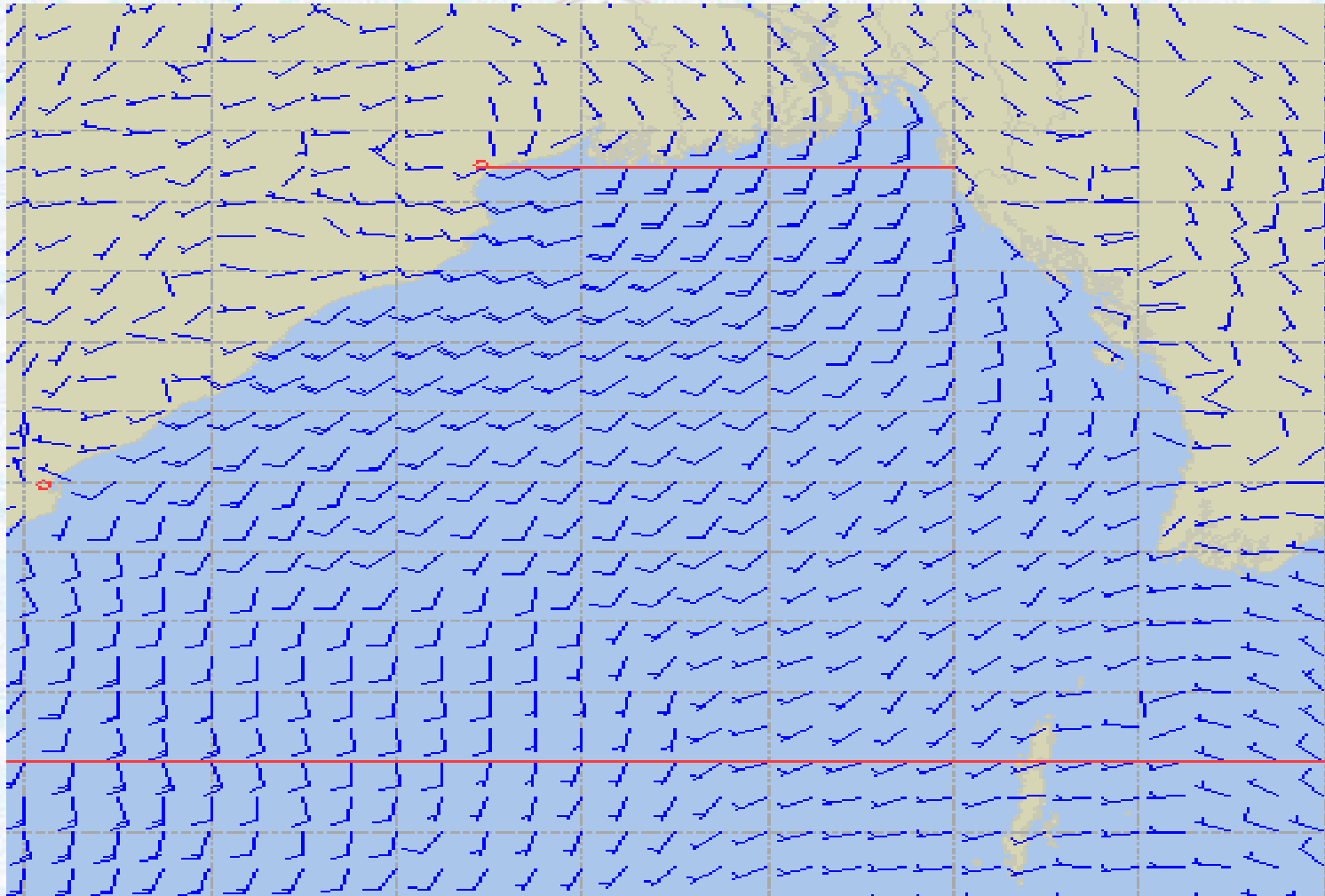
Inland River Port Warning **(VALID TILL 07 PM OF 23.07.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, FAFIDPUR, DHAKA, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY NO. ONE (R) ONE.

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



Surface Wind Forecast- 24 July- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



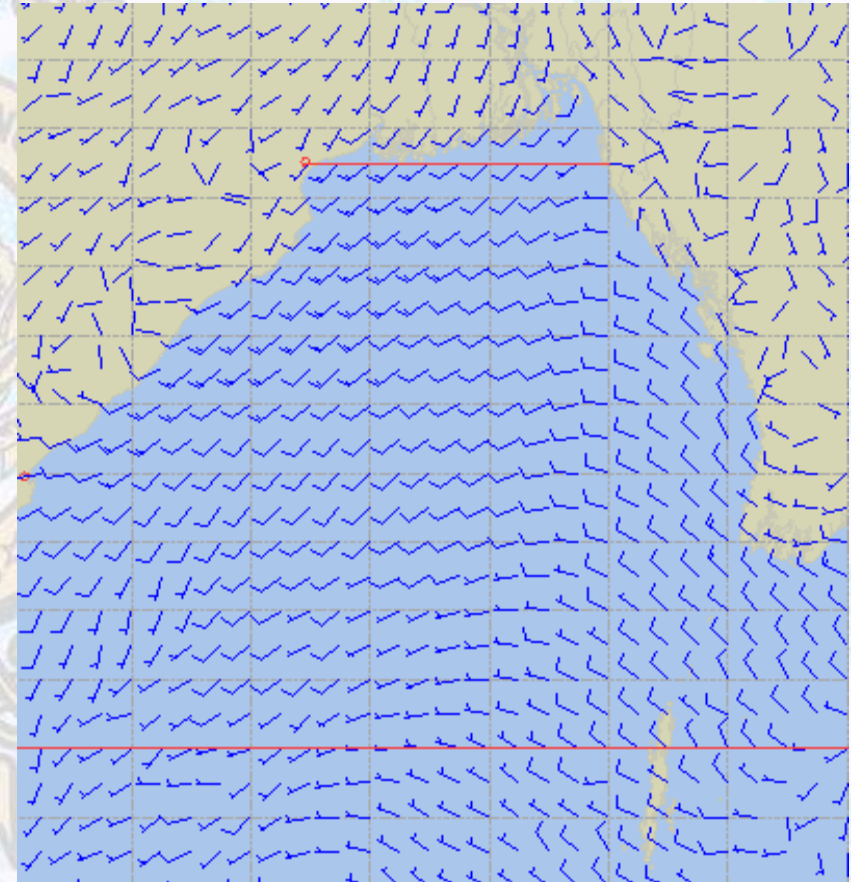
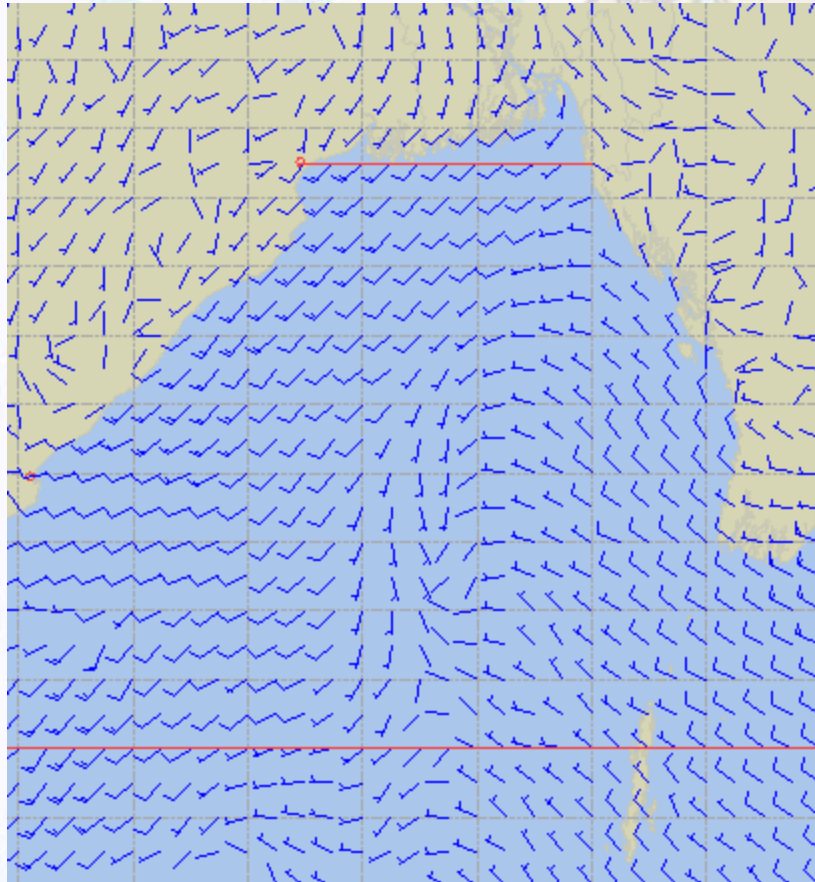
60 Knots



Surface Wind Forecast – 25 & 26 July - 2020

25 July 2020 Saturday

26 July 2020 Sunday



Legend:



Calm
Winds



5 Knots



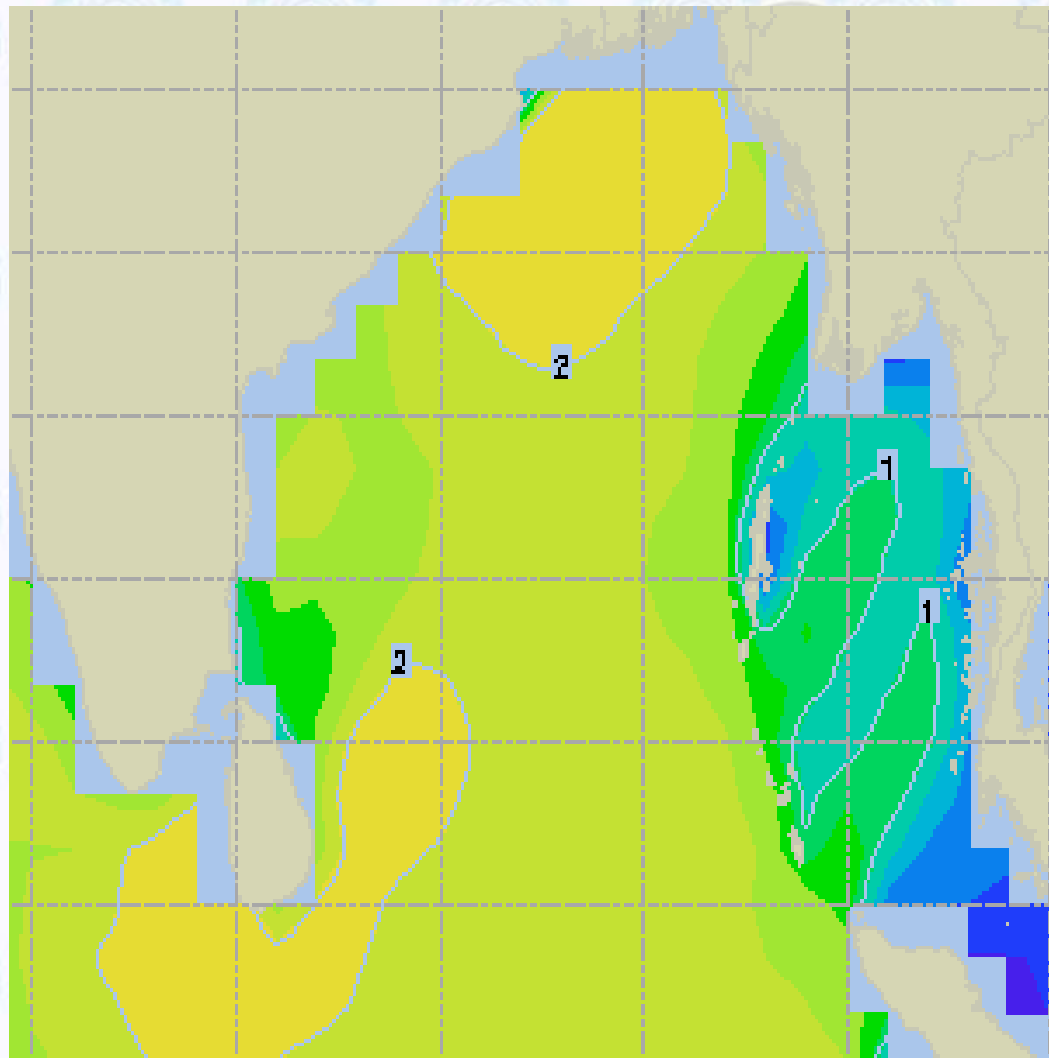
10 Knots



60 Knots



Sea State Forecast – 24 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

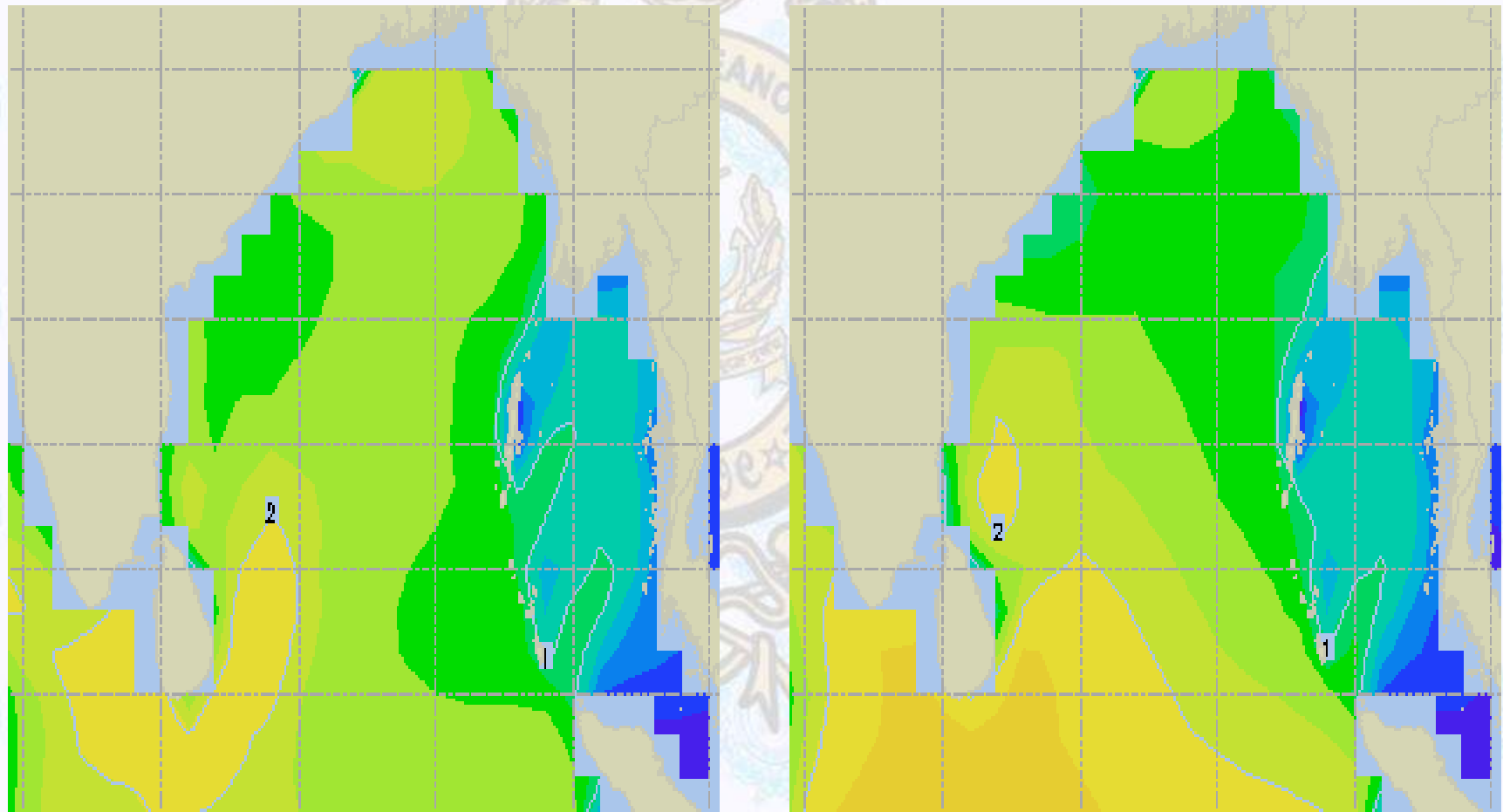




Sea State Forecast – 25 & 26 July - 2020

25 July 2020 Saturday

26 July 2020 Sunday

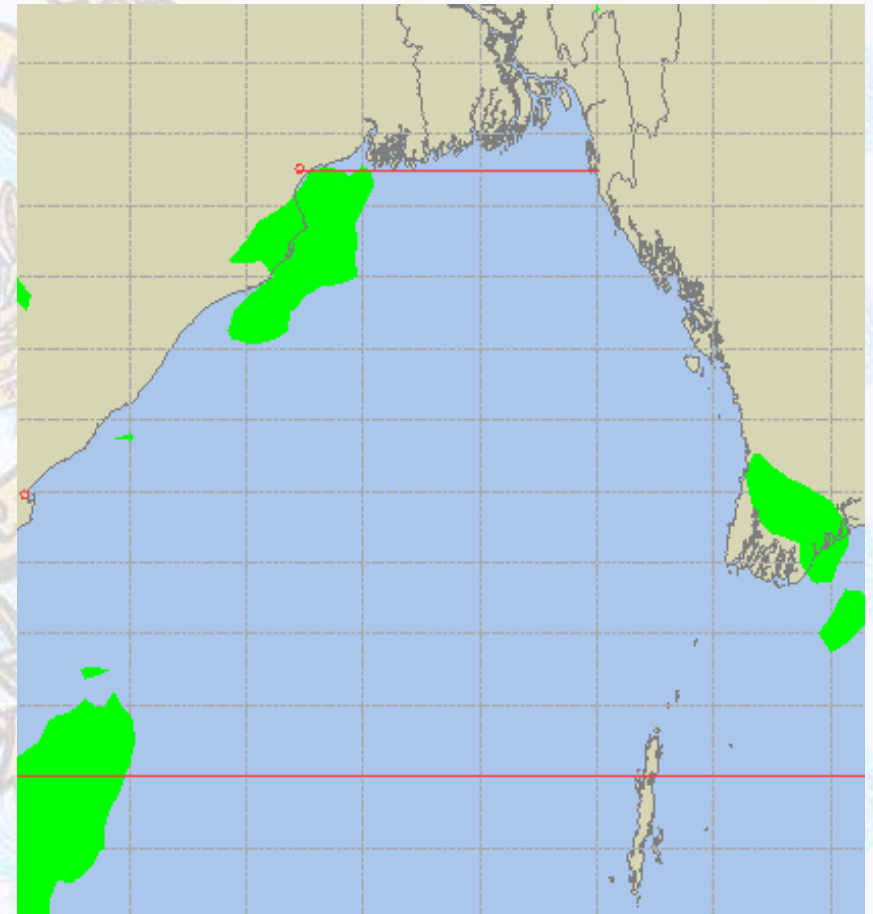
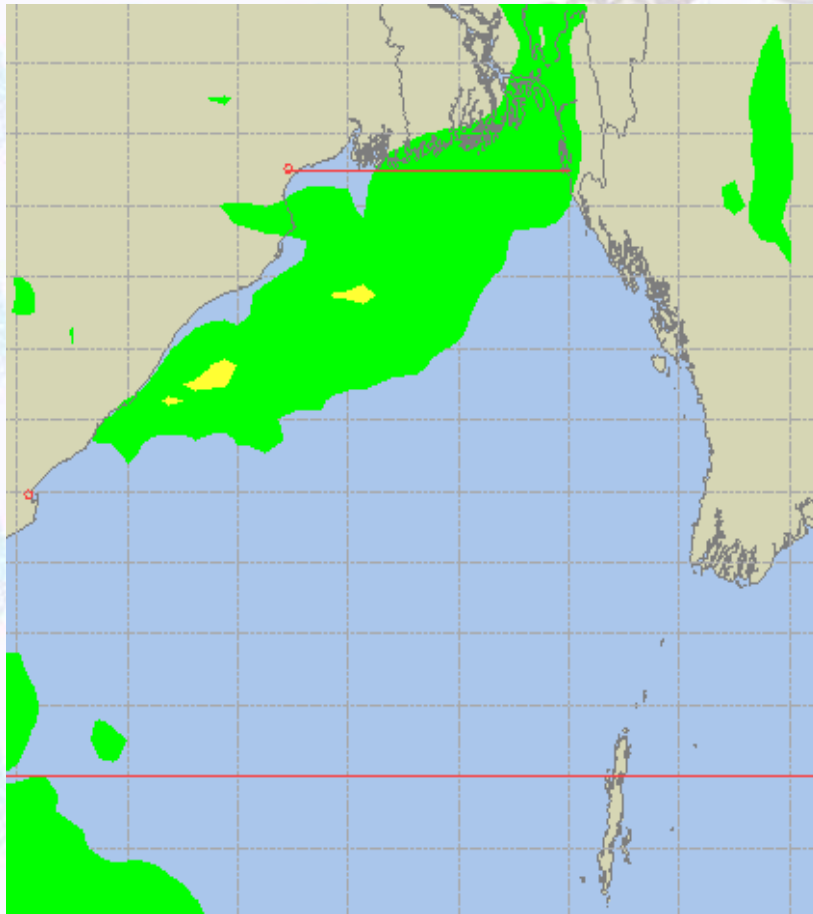




Peak Gusting Possibilities— 24 & 25 July 2020

24 July 2020 Friday

25 July 2020 Saturday

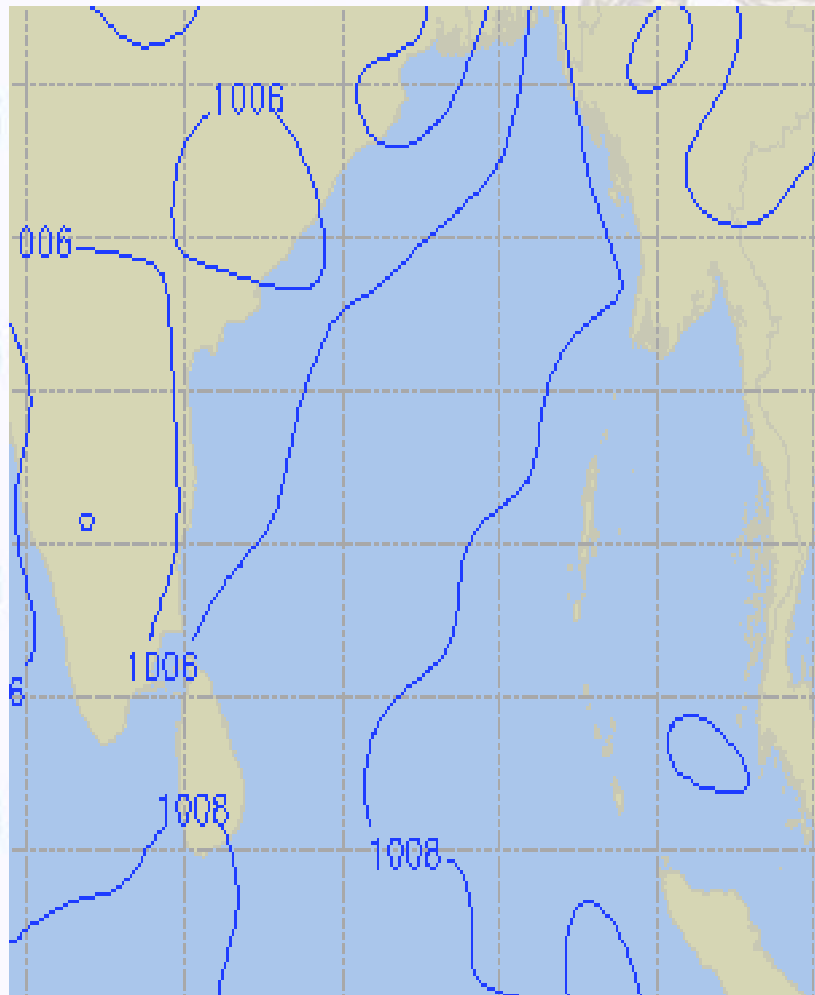


16 22 27 32 38 43 49 54 59 65 70 76 [knots]

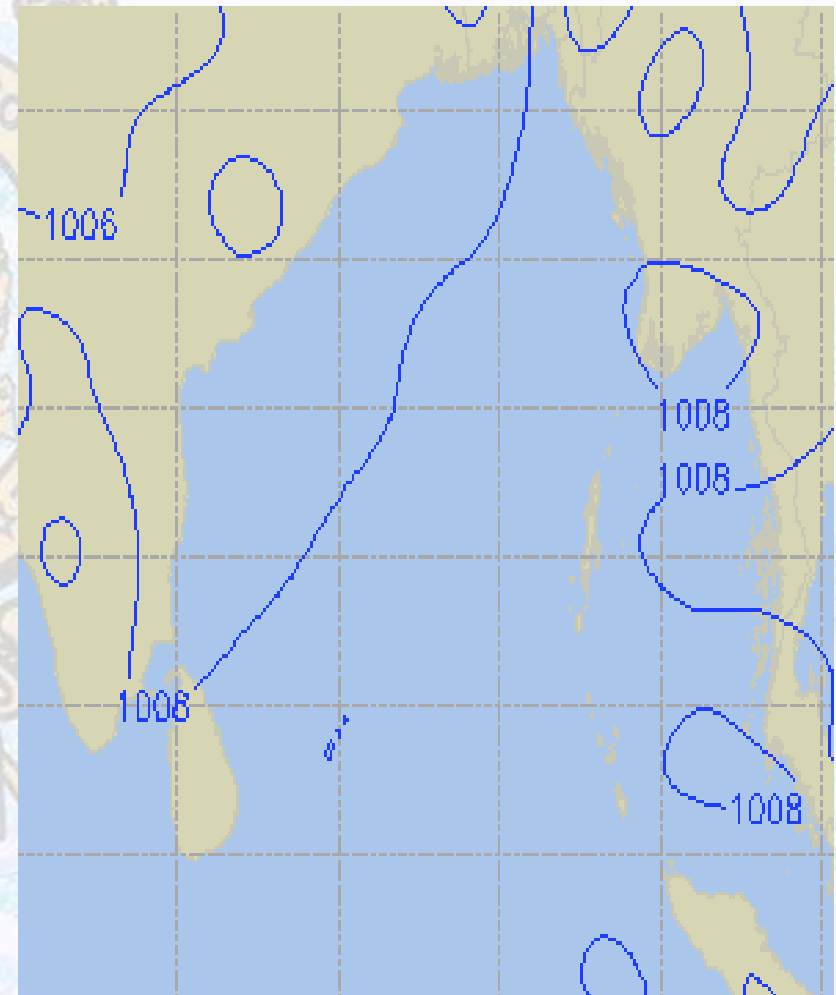


Surface Pressure forecast– 24 & 25 July 2020

24 July 2020 Friday



25 July 2020 Saturday

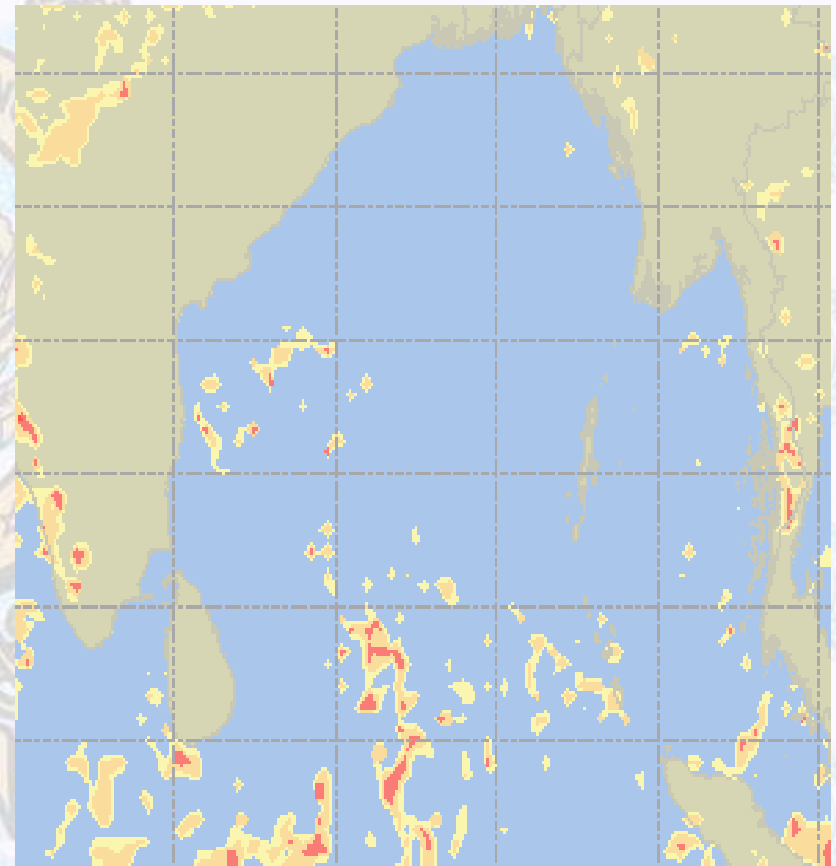
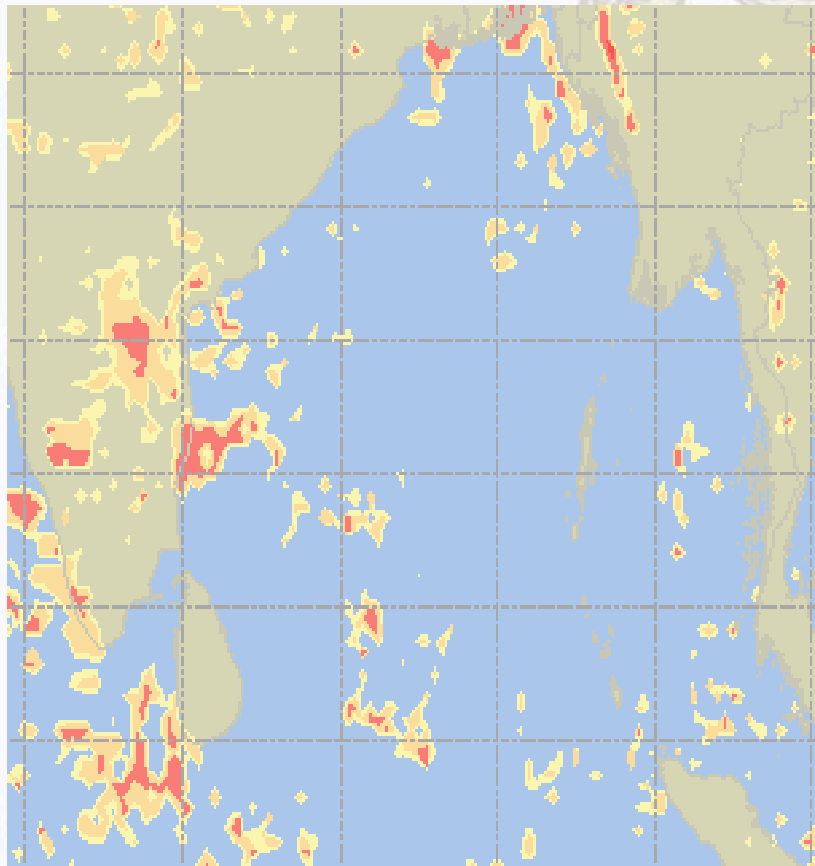




Visibility at Sea Forecast – 24 & 25 July 2020

24 July 2020 Friday

25 July 2020 Saturday



Visibility Scale:

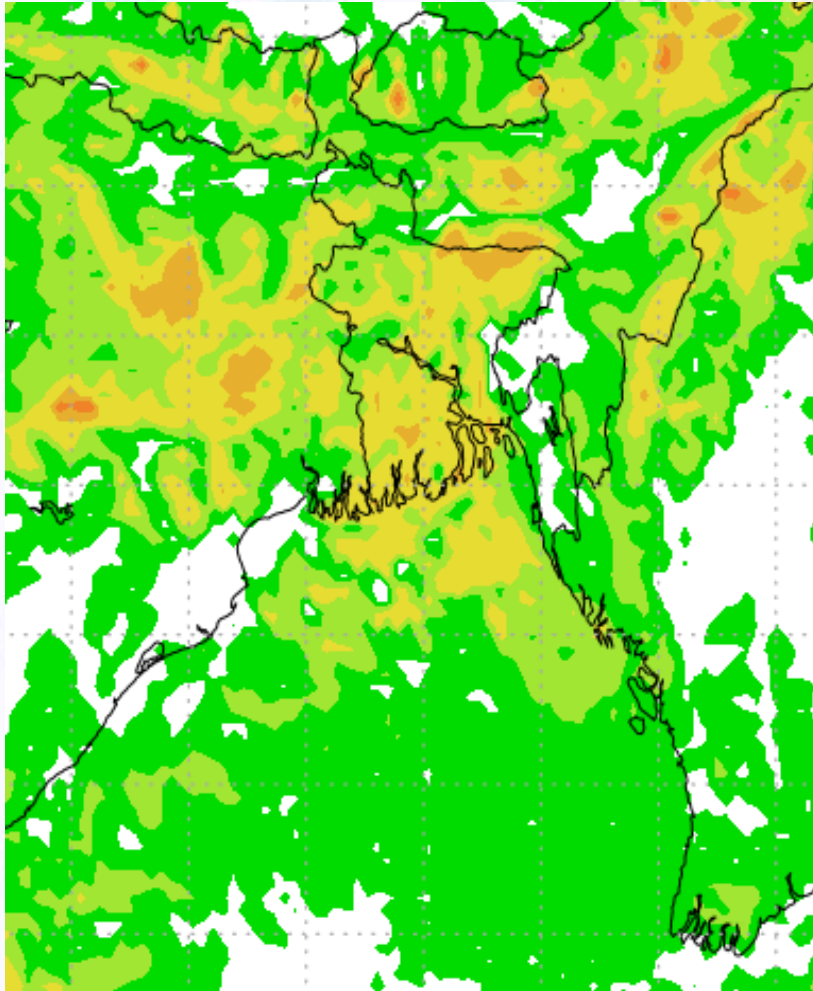


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

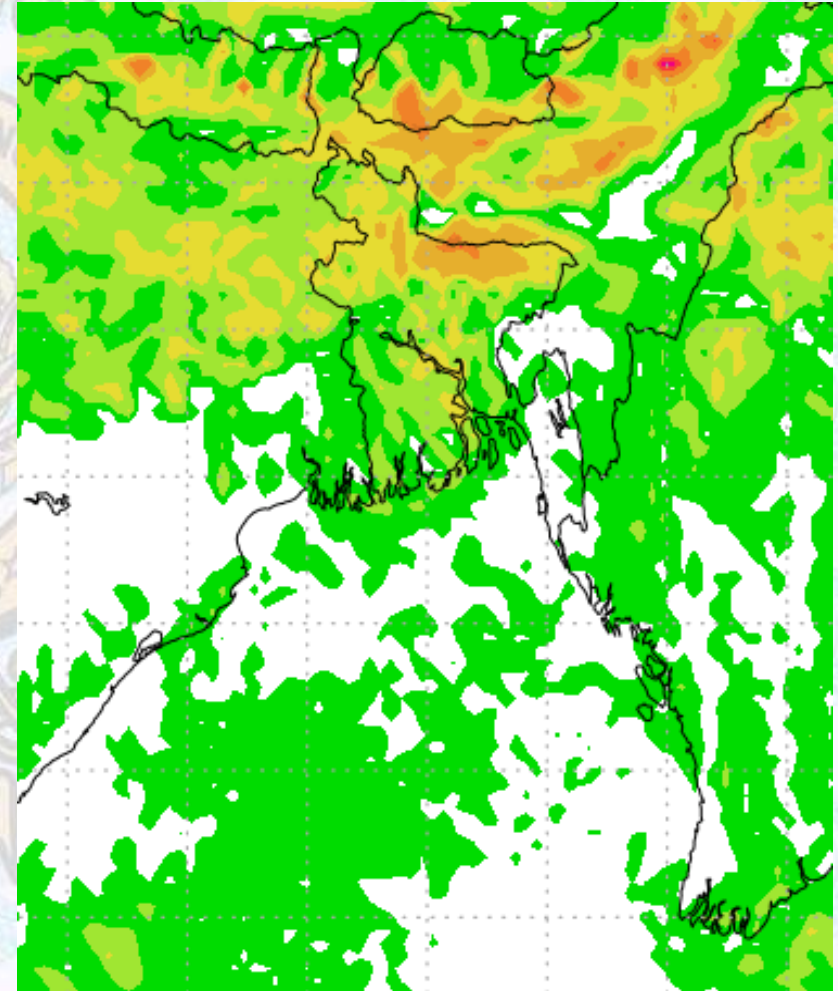


Precipitation

Rain(mm) 24 & 25 July 2020



Rain(mm) 25 & 26 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	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
25 July 2020	Time	Height		Time	Height		Time	Height
	0349	5.16		0122	3.53		0121	3.22
	1017	0.90		0802	1.03		0733	1.02
	1606	5.35		1350	3.72		1332	3.36
	2251	0.80		2029	1.12		2007	0.95
26 July 2020	Time	Height		Time	Height		Time	Height
	0442	5.08		0212	3.42		0208	3.17
	1109	1.03		0849	1.12		0820	1.16
	1702	5.10		1440	3.52		1418	3.20
	2341	0.92		2117	1.21		2051	1.06