



WEATHER FORECAST FOR BN

08 JULY - 11 JULY 2020





WEATHER FORECAST – DHAKA

08.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32/ 26	31 / 26	29 / 26	29 / 26
Wind	15 km/h SSW	15 km/h SSW	11 km/h SSW	13 km/h SSW
Humidity	70%	74%	81%	83%
Chance of Precip	47%	54%	50%	52%
Cloud Cover	86%	90%	92%	92%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 17 AM 6: 50 PM			

Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

08.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 27
Wind	20 km/h SSW	16 km/h SSW	15 km/h S	14 km/h S
Humidity	90%	87%	90%	93%
Chance of Precip.	21%	34%	97%	93%
Cloud Cover	94%	90%	94%	95%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 14 AM			
Sunset	6: 41 PM			

Conditions

Pressure : 1005 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

08.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 27	29 / 27	29 / 27
Wind	15 km/h SSW	15 km/h SSW	12 km/h SSW	10 km/h SSW
Humidity	84%	81%	88%	90%
Chance of Precip.	18%	34%	22%	24%
Cloud Cover	89%	87%	89%	90%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 22 AM 6: 51 PM			

Conditions

Pressure : 1003 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	09 July 2020	10 July 2020	11 July 2020
Temperature (C)	31 °C/27 °C	31 °C/27 °C	31 °C/27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h17m36s/18h49m54s	5h18m06s/18h49m42s	5h18m36s/18h49m24s
Day Length	13h32m18s	13h31m36s	13h30m48s
Moon Rise/ Set	10:07 PM 8:55 AM	10:41 PM 9:48 AM	11:14 PM 10:38 AM
Moon Phase/ illu	Waning Gibbous, 82%	Waning Gibbous, 73%	Waning Gibbous, 64%
NauticalTwilight	0422,1944	0423,1944	0423,1944
Civil Twilight	0452,1914	0453,1914	0453,1914
Humidity	D : 79% N : 83%	D : 80% N : 84%	D : 80% N : 84%
Barometer (mb)	1003	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	100%	100%
Wind (mph)	17 Km/h SSW	20 Km/h SSW	17 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	09 July 2020	10 July 2020	11 July 2020
Temperature (C)	30 °C/ 26 °C	29 °C/ 26 °C	29 °C/ 26 °C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h15m00s/18h41m00s	5h15m30s/18h40m48s	5h16m00s/18h40m30s
Day Length	13h26m00s	13h25m18s	13h24m30s
Moon Rise/ Set	10:00 PM 8:50 AM	10:34 PM 9:43 AM	11:07 PM 10:33 AM
Moon Phase/ illu	Waning Gibbous, 82%	Waning Gibbous, 73%	Waning Gibbous, 64%
NauticalTwilight	0420, 1934	0421, 1934	0421, 1934
Civil Twilight	0450, 1905	0450, 1905	0451, 1905
Humidity	D : 88% N : 92%	D : 89% N : 93%	D : 90% N : 94%
Barometer (mb)	1005	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	90%
Wind (mph)	20 Km/h S	21 Km/h S	19 Km/h S

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



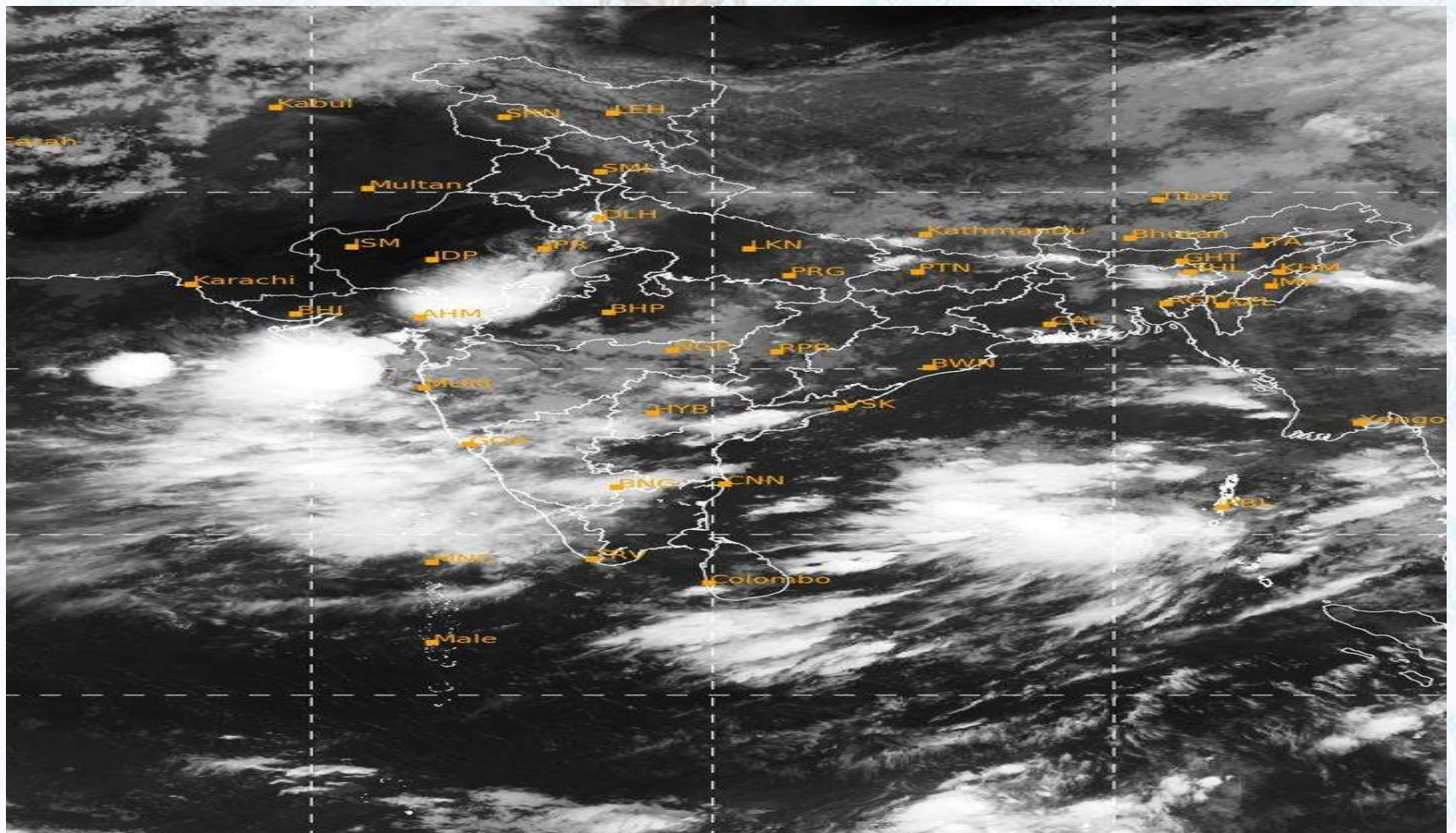
GENERAL WEATHER FORECAST – KHULNA

Description	09 July 2020	10 July 2020	11 July 2020
Temperature(C)	31°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h23m00s/18h51m12s	5h23m30s/18h51m00s	5h24m00s/18h50m42s
Day Length	13h28m12s	13h27m30s	13h26m42s
Moon Rise/Set	10:10 PM 9:01 AM	10:44 PM 9:53 AM	11:18 PM 10:43 AM
Moon Phase/illu	Waning Gibbous, 81%	Waning Gibbous, 73%	Waning Gibbous, 64%
Nautical Twilight	0428, 1945	0429, 1945	0429, 1944
Civil Twilight	0458, 1915	0458, 1915	0459, 1915
Humidity	D : 82% N : 86%	D : 82% N : 86%	D : 82% N : 88%
Barometer (mb)	1003	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	100%	90%
Wind (mph)	16 km/h SSW	20 km/h SSW	18 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

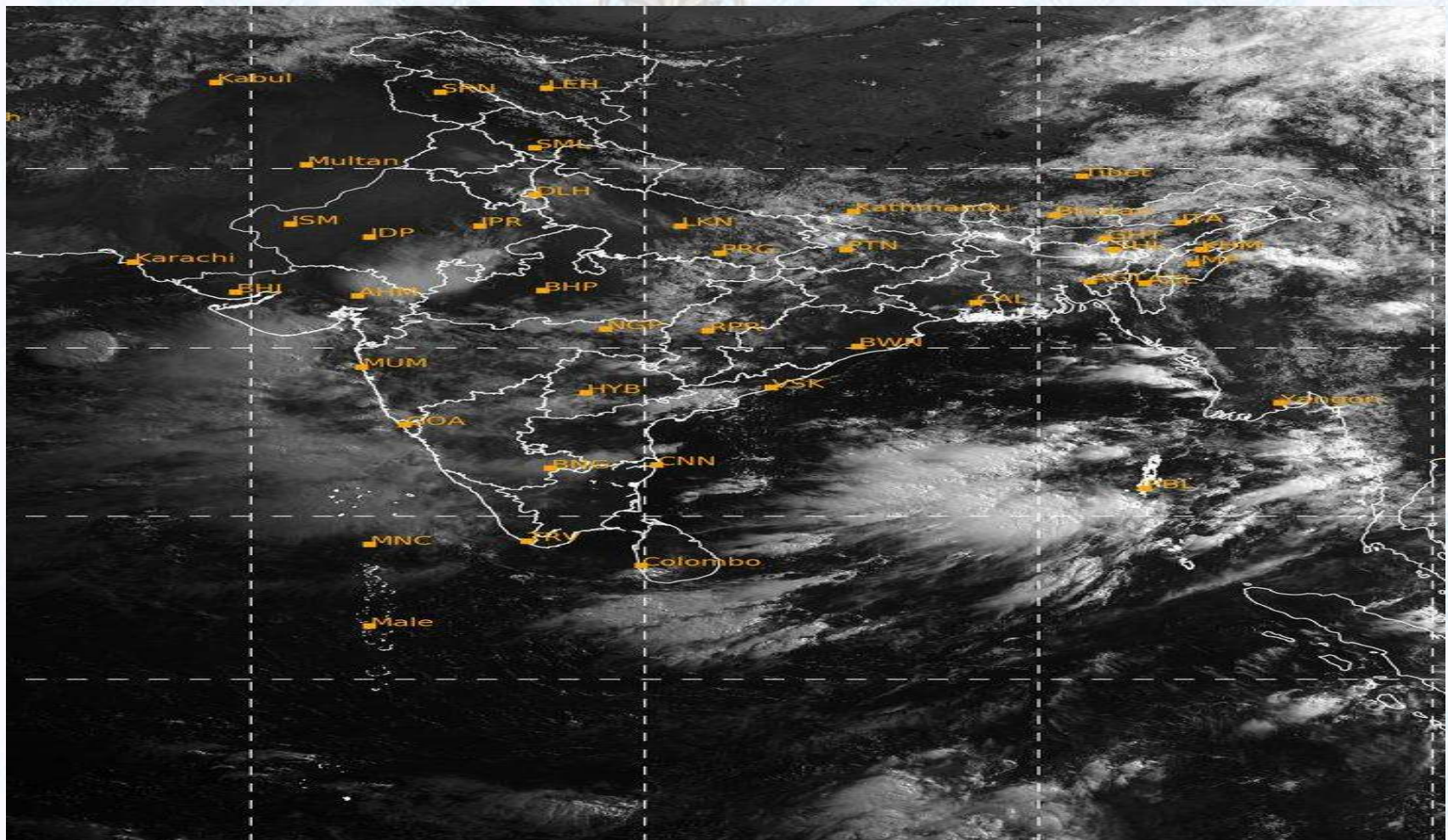


08/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



08/07/2020, 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 08.07.2020)

Part One	NO STORM WARNING	
Part Two	MONSOON IS MODERATE OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 08,0000 UTC. CHATTOGRAM =1006 HPA



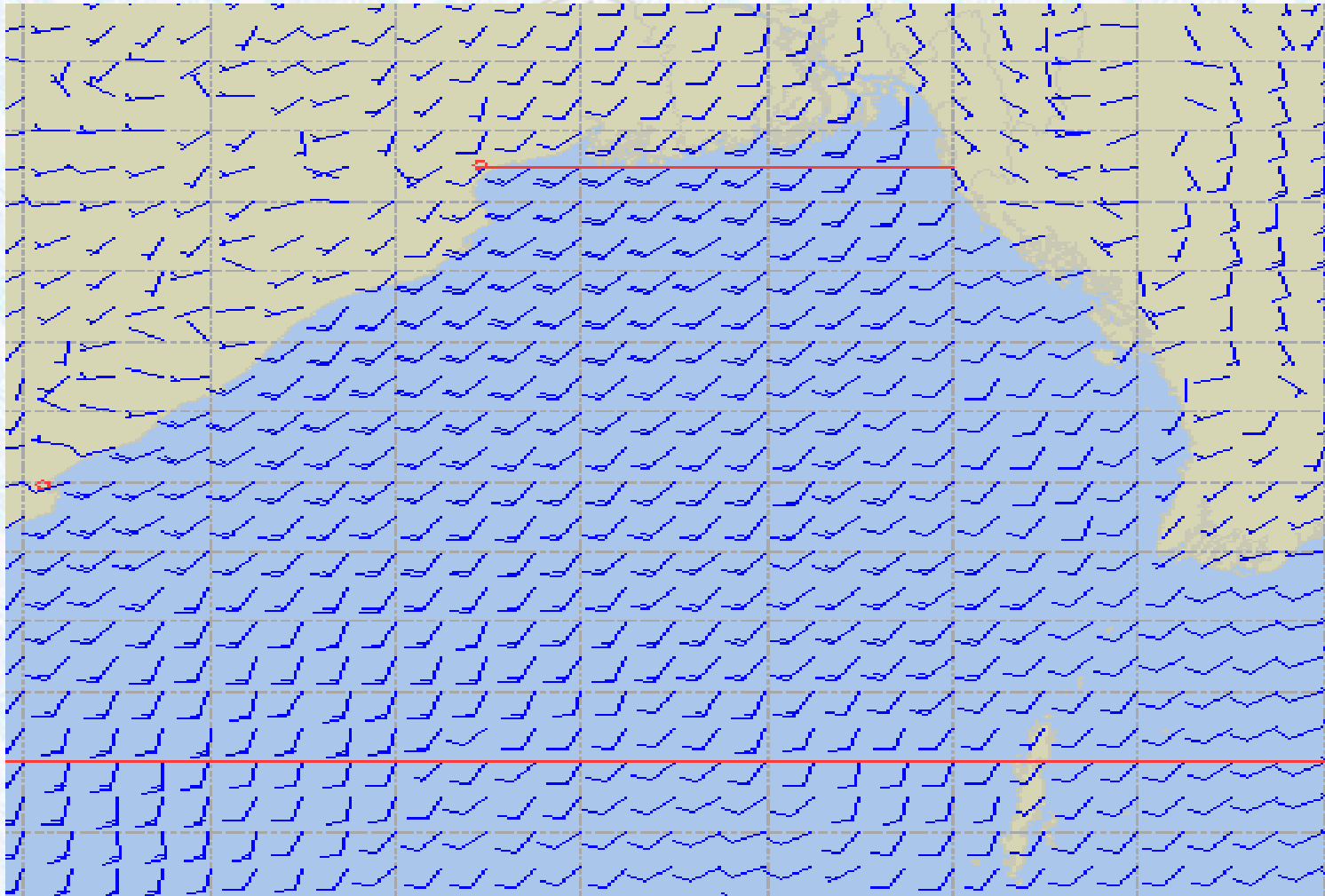
Inland River Port Warning (VALID TILL 07 PM OF 08.07.2020)

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY GUSTY WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FAFIDPUR, 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- 09 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



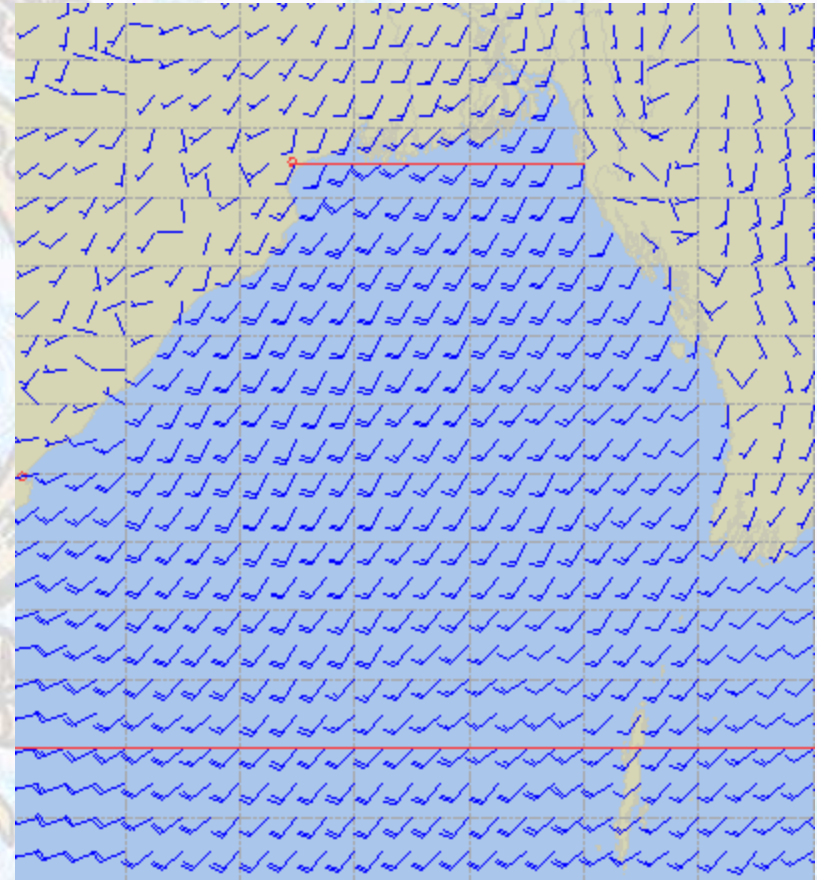
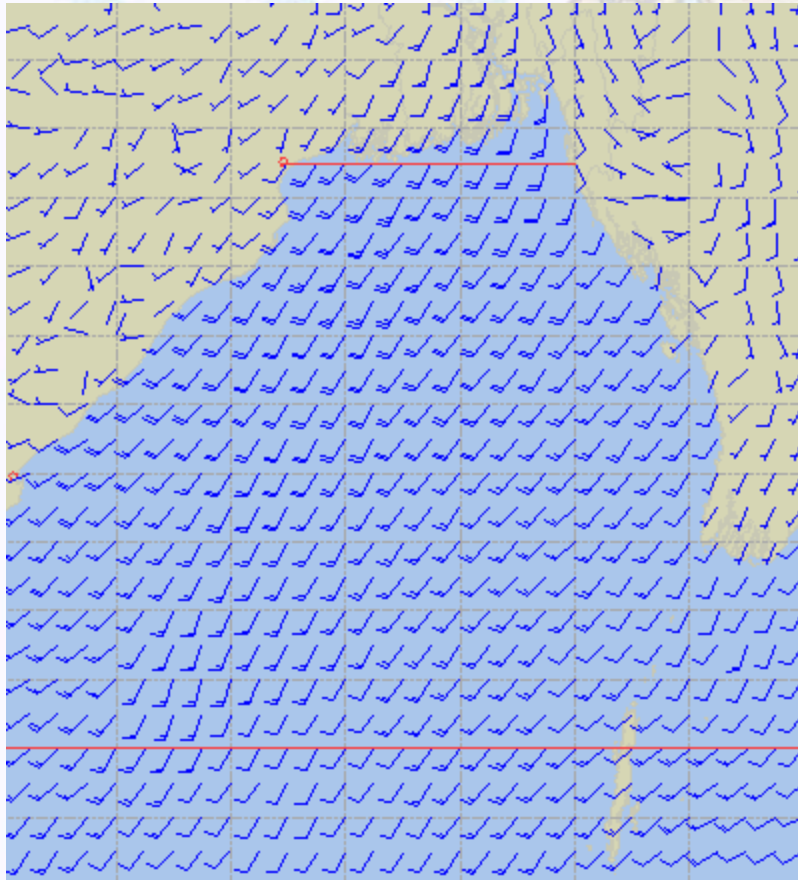
60 Knots



Surface Wind Forecast – 10 & 11 July - 2020

10 July 2020 Friday

11 July 2020 Saturday



Legend:



**Calm
Winds**



5 Knots



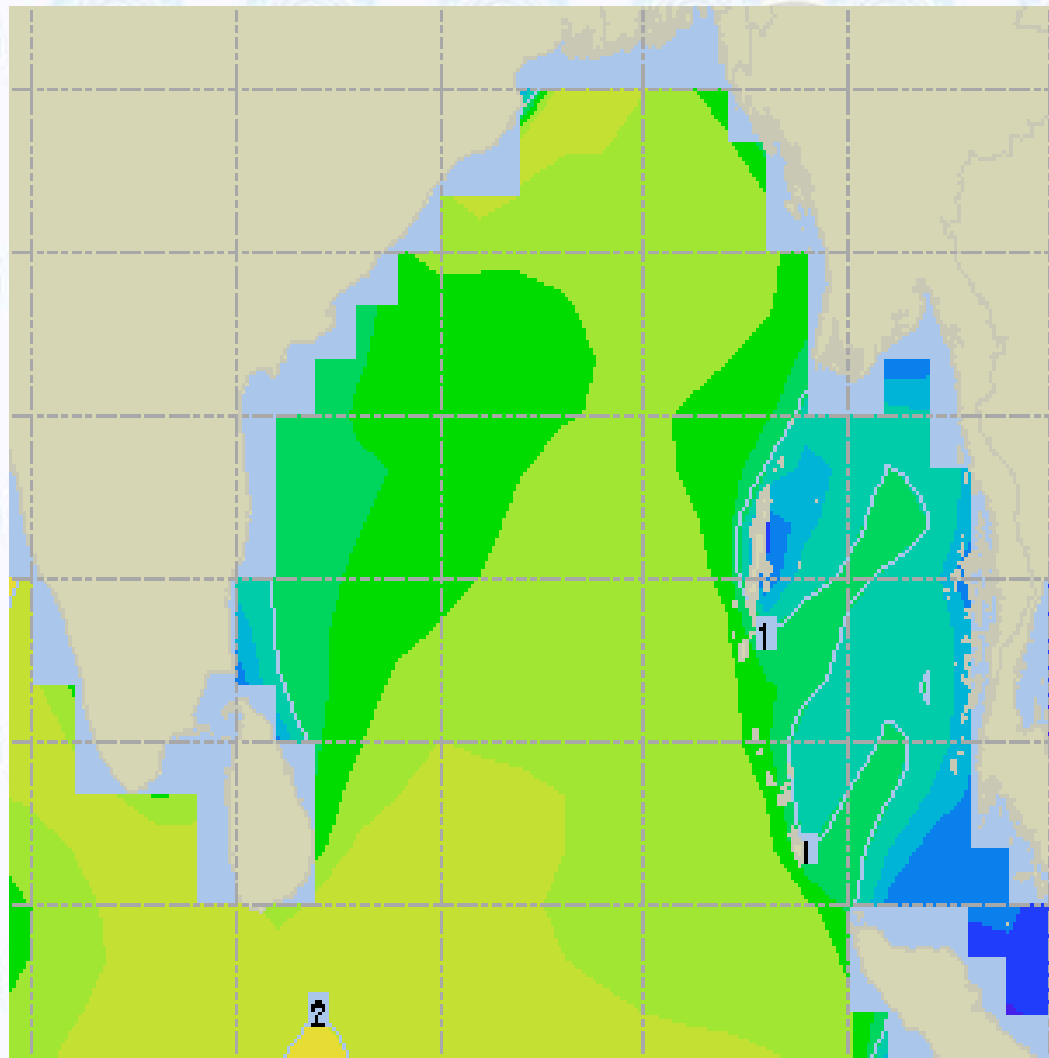
10 Knots



60 Knots



Sea State Forecast – 09 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

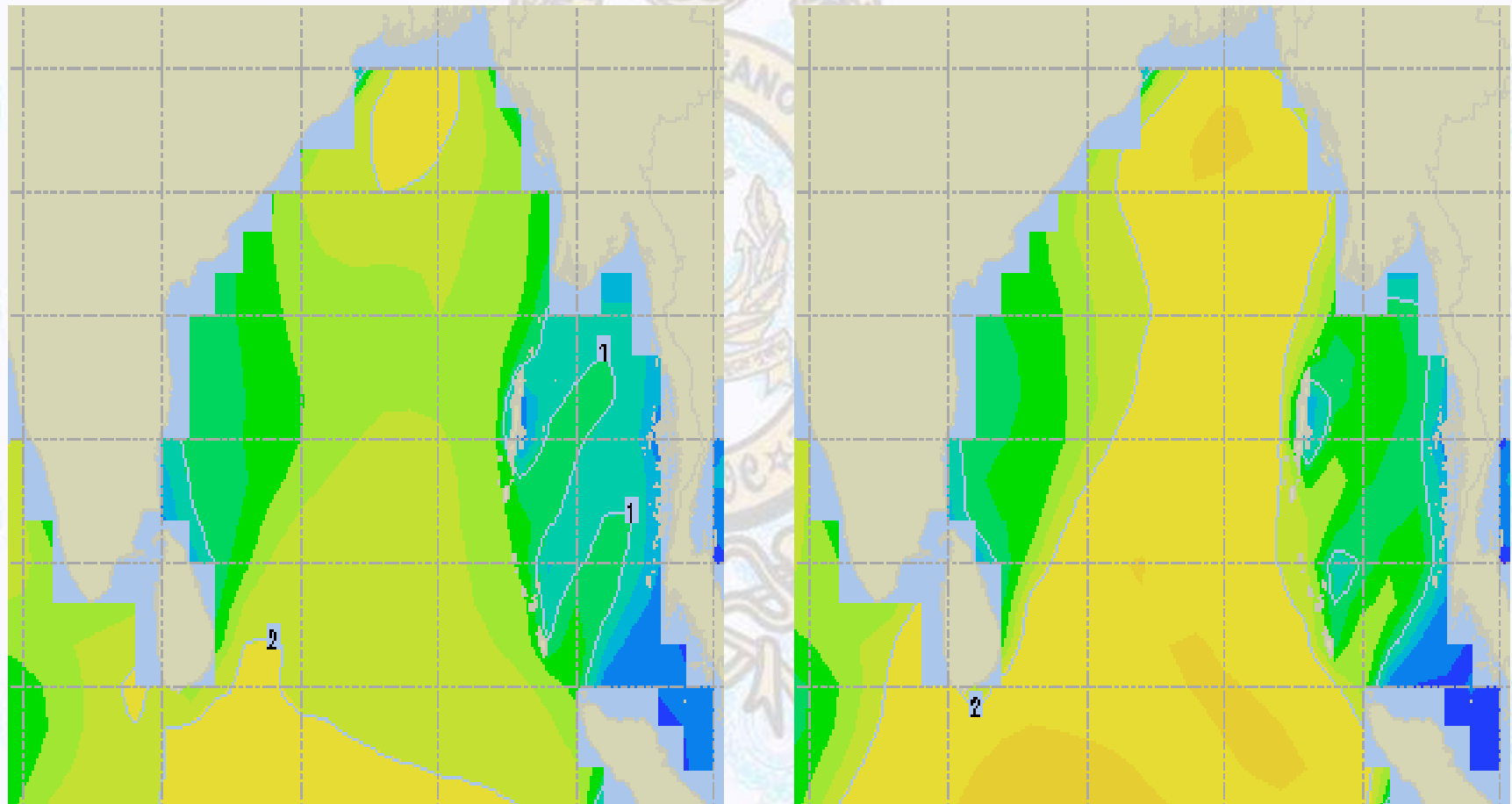




Sea State Forecast – 10 & 11 July - 2020

10 July 2020 Friday

11 July 2020 Saturday

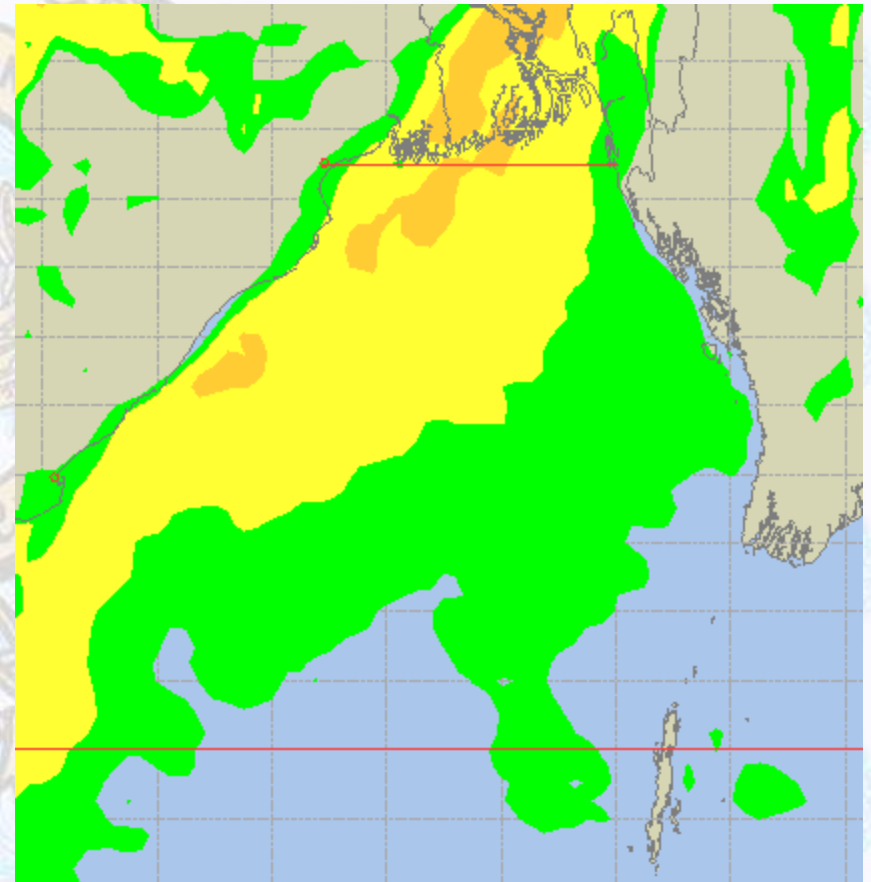
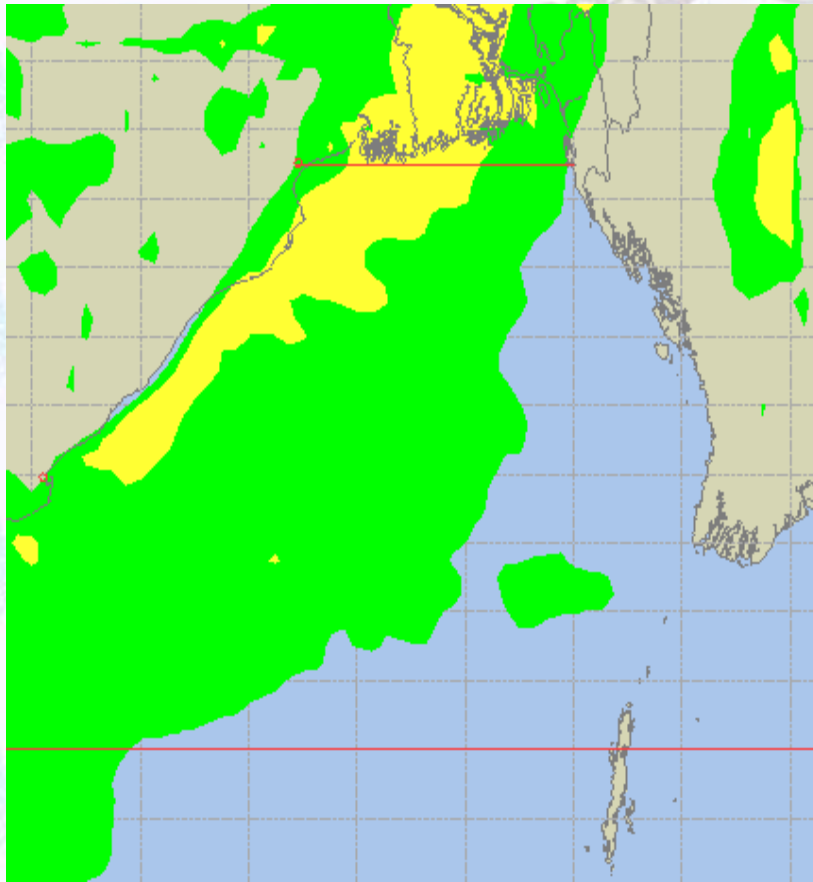




Peak Gusting Possibilities— 09 & 10 July 2020

09 July 2020 Thursday

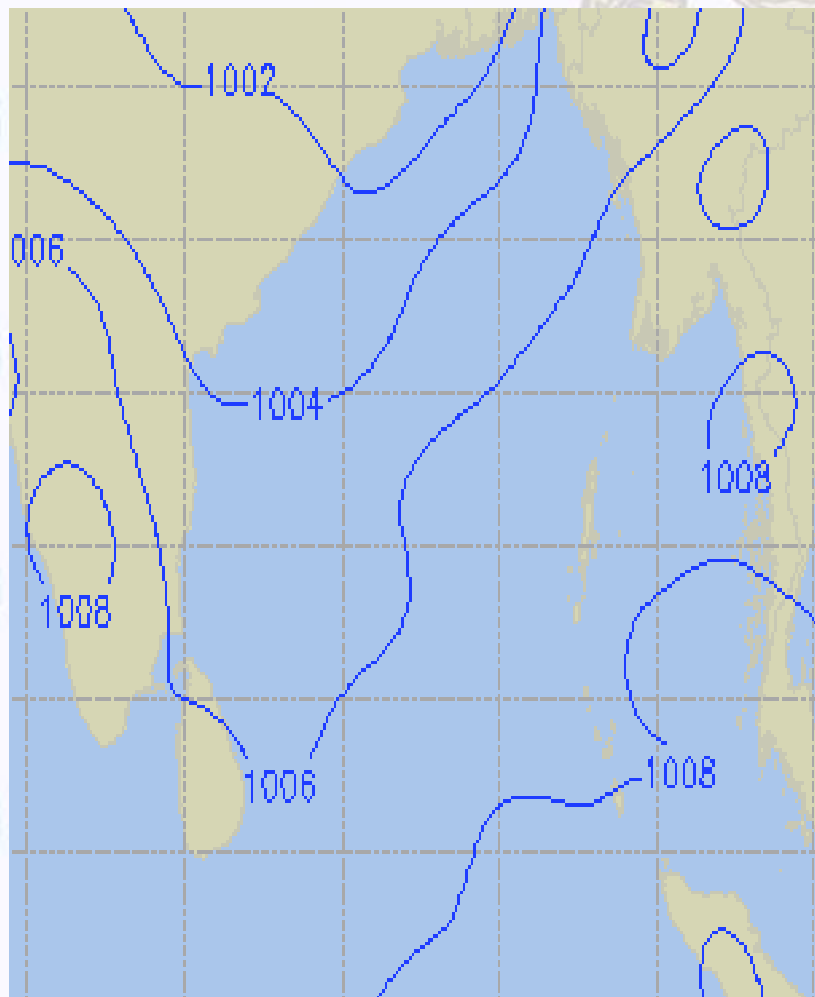
10 July 2020 Friday



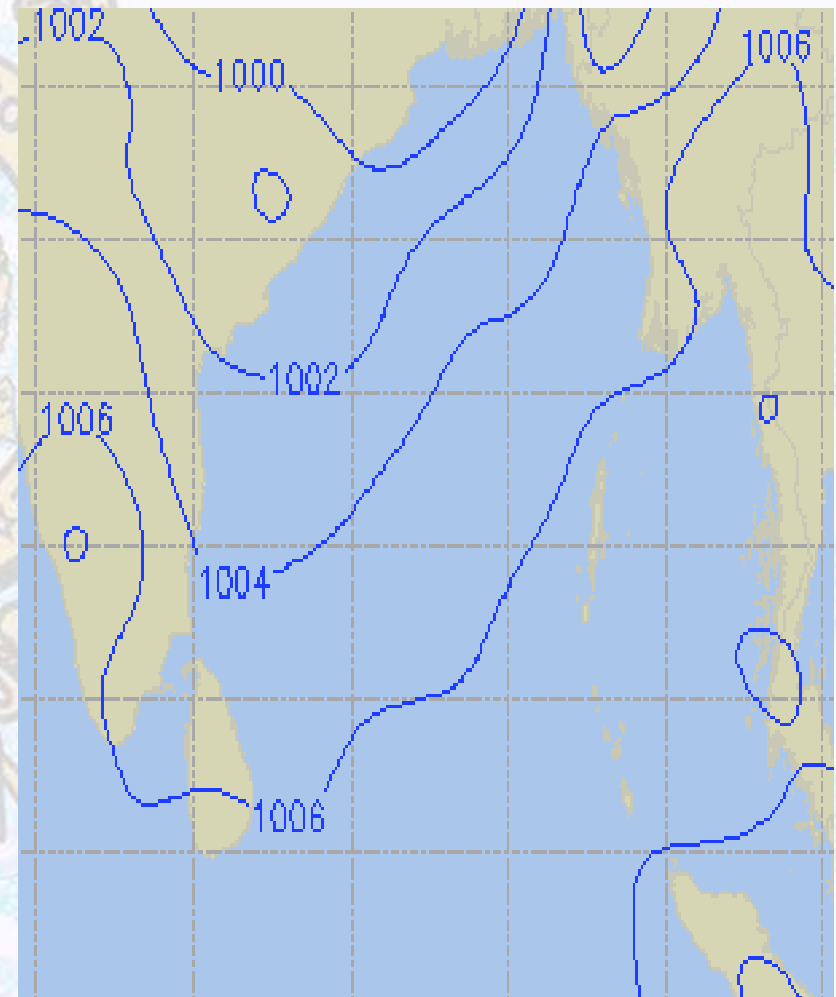


Surface Pressure forecast– 09 & 10 July 2020

09 July 2020 Thursday



10 July 2020 Friday

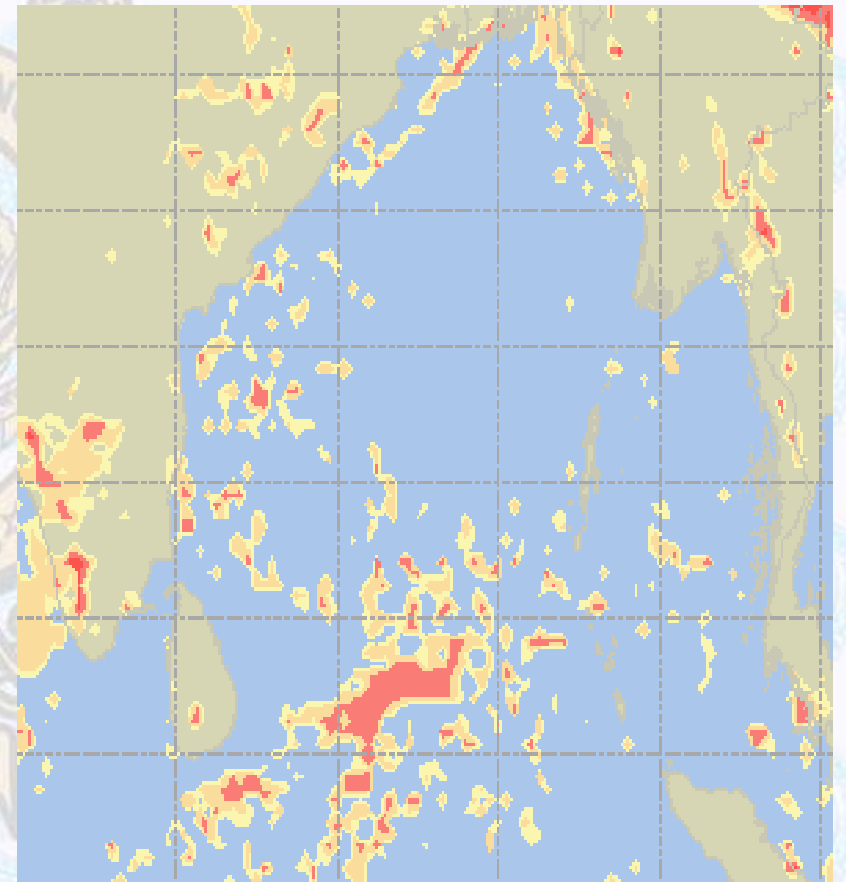
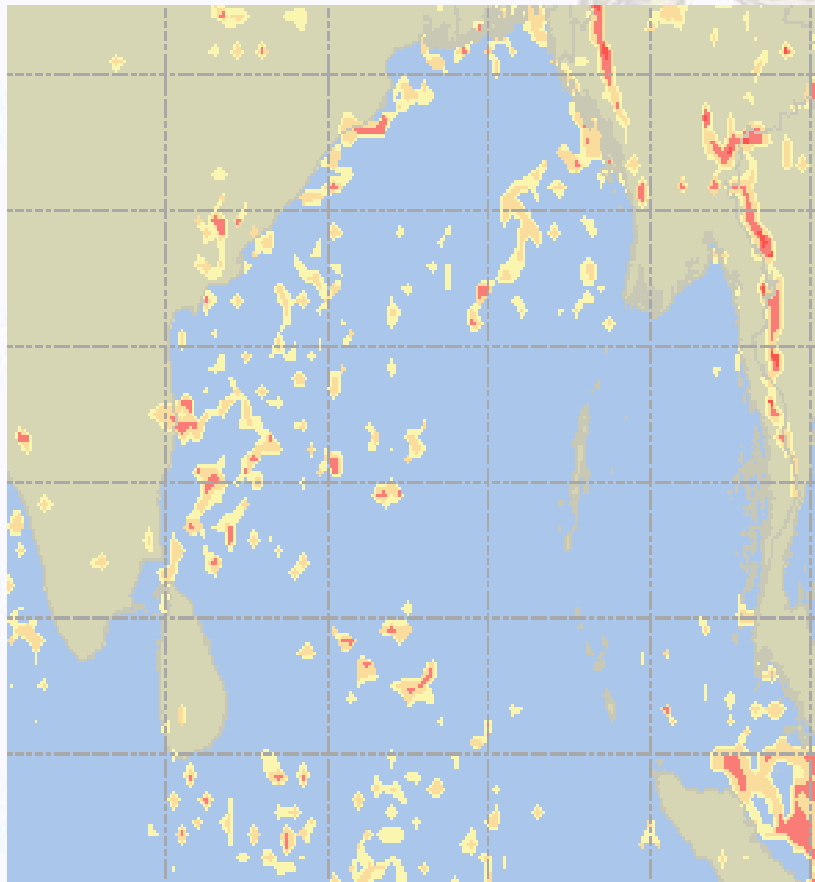




Visibility at Sea Forecast – 09 & 10 July- 2020

09 July 2020 Thursday

10 July 2020 Friday



Visibility Scale:

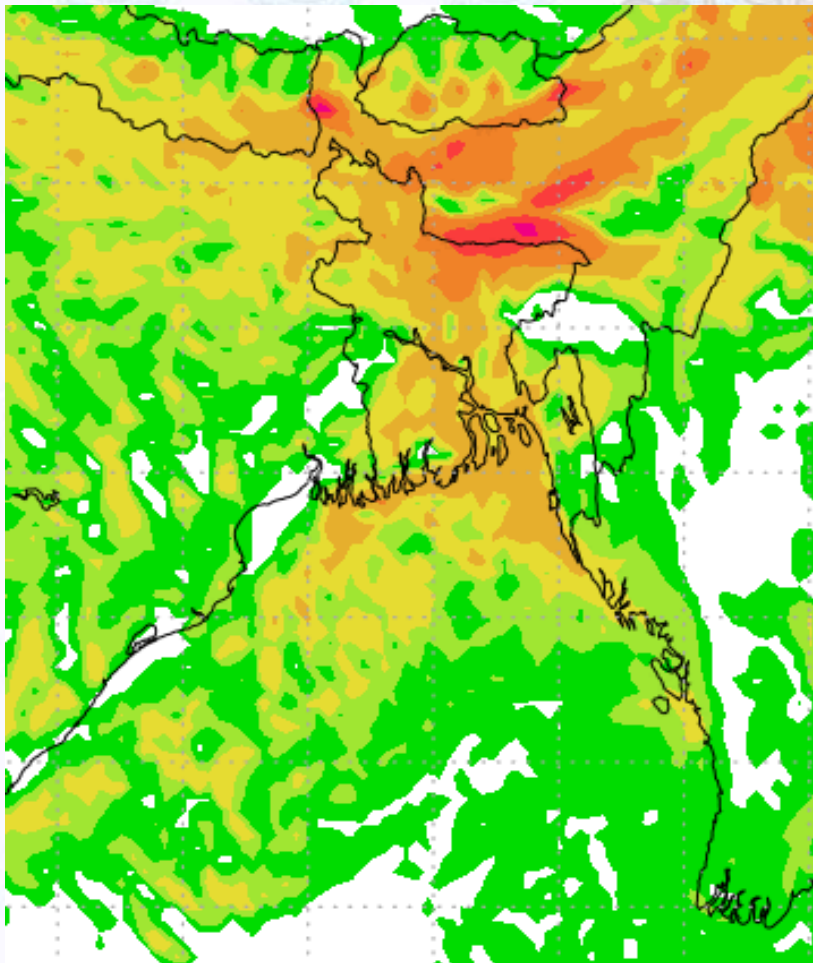


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 09 & 10 July 2020



Rain(mm) 10 & 11 July 2020

Rainfall			Rainfall (District)			2m Temperature			Surface R.H.			Surface Wind		
Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3
Wind at 925 hPa			Wind at 850 hPa			Wind at 500 hPa			Wind at 300 hPa			Wind at 200 hPa		
Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3

Rainfall(mm): 00Z,10.07.20 to 00Z,11.07.20

Entire Grid Undefined

Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
08 July 2020	0241	5.07		0015	3.47		0011	3.06
	0859	0.87		0652	1.03		0618	1.12
	1452	5.45		1238	3.78		1222	3.37
	2135	0.87		1917	1.15		1859	1.15
09 July 2020	Time	Height		Time	Height		Time	Height
	0319	5.06		0054	3.37		0045	3.04
	0936	0.95		0729	1.12		0651	1.19
	1530	5.36		1317	3.65		1255	3.31
	2210	0.92		1952	1.25		1930	1.19
10 July 2020	Time	Height		Time	Height		Time	Height
	0359	4.98		0134	3.26		0120	3.01
	1014	1.08		0805	1.22		0725	1.29
	1612	5.19		1357	3.47		1329	3.22
	2247	1.01		2027	1.35		2002	1.25