



WEATHER FORECAST FOR BN

07 JULY - 09 JULY 2020



WEATHER FORECAST – DHAKA 07.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	32 / 26	29 / 26	29 / 26
Wind	20 km/h SSE	19 km/h SSE	14 km/h SSE	12 km/h SSE
Humidity	74%	74%	81%	84%
Chance of Precip	33%	23%	32%	40%
Cloud Cover	67%	80%	85%	92%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 18 AM 6: 50 PM			

Conditions

Pressure : 1004 hpa

Visibility : 11.26 km

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



WEATHER FORECAST – CHATTOGRAM 07.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 26	27 / 27
Wind	22 km/h S	21 km/h S	15 km/h SSE	14 km/h SSE
Humidity	83%	84%	89%	92%
Chance of Precip.	17%	16%	52%	82%
Cloud Cover	75%	77%	83%	91%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 15 AM 6: 42 PM			

Conditions

Pressure : 1006 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

07.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 28	29 / 27	29 / 27
Wind	17 km/h S	16 km/h S	10 km/h S	8 km/h S
Humidity	83%	82%	87%	90%
Chance of Precip.	54%	40%	16%	14%
Cloud Cover	83%	79%	71%	78%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 24 AM 6: 52 PM			

Conditions

Pressure : 1003 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	08 July 2020	09 July 2020	10 July 2020
Temperature (C)	32°C/ 27°C	31°C/ 27°C	31°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h17m06s/18h50m12s	5h17m36s/18h49m54s	5h18m06s/18h49m12s
Day Length	13h33m06s	13h32m18s	13h31m36s
Moon Rise/ Set	9:30 PM 8:00 AM	10:07 PM 8:55 AM	10:41 PM 9:48 AM
Moon Phase/ illu	Waning Gibbous, 89%	Waning Gibbous, 82%	Waning Gibbous, 73%
NauticalTwilight	0422,1944	0422,1944	0423,1944
Civil Twilight	0452,1914	0452,1914	0453,1914
Humidity	D : 77% N : 83%	D : 78% N : 83%	D : 81% N : 85%
Barometer (mb)	1004	1003	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	100%
Wind (mph)	14 Km/h SSW	15 Km/h SSW	18 Km/h SSW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	08 July 2020	09 July 2020	10 July 2020
Temperature (C)	30°C/ 26°C	30°C/ 26°C	29°C/ 26°C
Summary	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sun Rise/Set	5h14m30s/18h41m18s	5h15m00s/18h41m00s	5h15m30s/18h40m48s
Day Length	13h26m48s	13h26m00s	13h25m18s
Moon Rise/ Set	9:22 PM 7:56 AM	10:00 PM 8:50 AM	10:34 PM 9:43 AM
Moon Phase/ illu	Waning Gibbous, 89%	Waning Gibbous, 82%	Waning Gibbous, 73%
NauticalTwilight	0420, 1935	0420, 1934	0421, 1934
Civil Twilight	0450, 1905	0450, 1905	0450, 1905
Humidity	D : 86% N : 92%	D : 87% N : 93%	D : 90% N : 94%
Barometer (mb)	1006	1005	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	100%
Wind (mph)	16 Km/h S	17 Km/h S	19 Km/h S

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



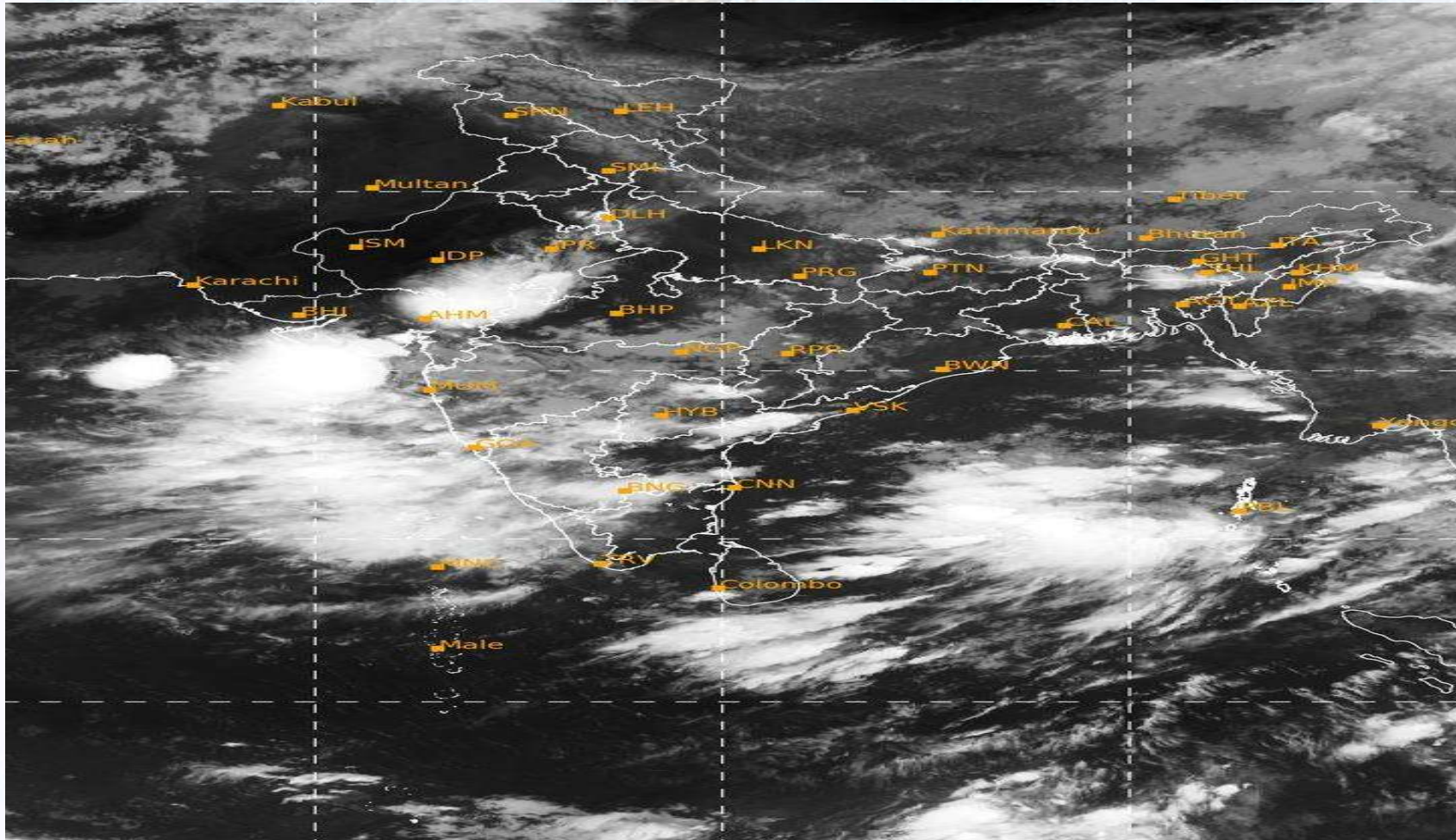
GENERAL WEATHER FORECAST – KHULNA

Description	08 July 2020	09 July 2020	10 July 2020
Temperature(C)	32°C/ 27°C	32°C/ 27°C	31°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h22m30s/18h51m30s	5h23m00s/18h51m12s	5h23m30s/18h51m00s
Day Length	13h29m00s	13h28m12s	13h27m30s
Moon Rise/Set	9:32 PM 8:06 AM	10:10 PM 9:01 AM	10:44 PM 9:53 AM
Moon Phase/illu	Waning Gibbous, 89%	Waning Gibbous, 81%	Waning Gibbous, 73%
Nautical Twilight	0428, 1945	0428, 1945	0429, 1945
Civil Twilight	0458, 1915	0458, 1915	0458, 1915
Humidity	D : 79% N : 85%	D : 80% N : 65%	D : 82% N : 87%
Barometer (mb)	1004	1003	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	100%
Wind (mph)	14 km/h SSW	16 km/h SSW	17 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

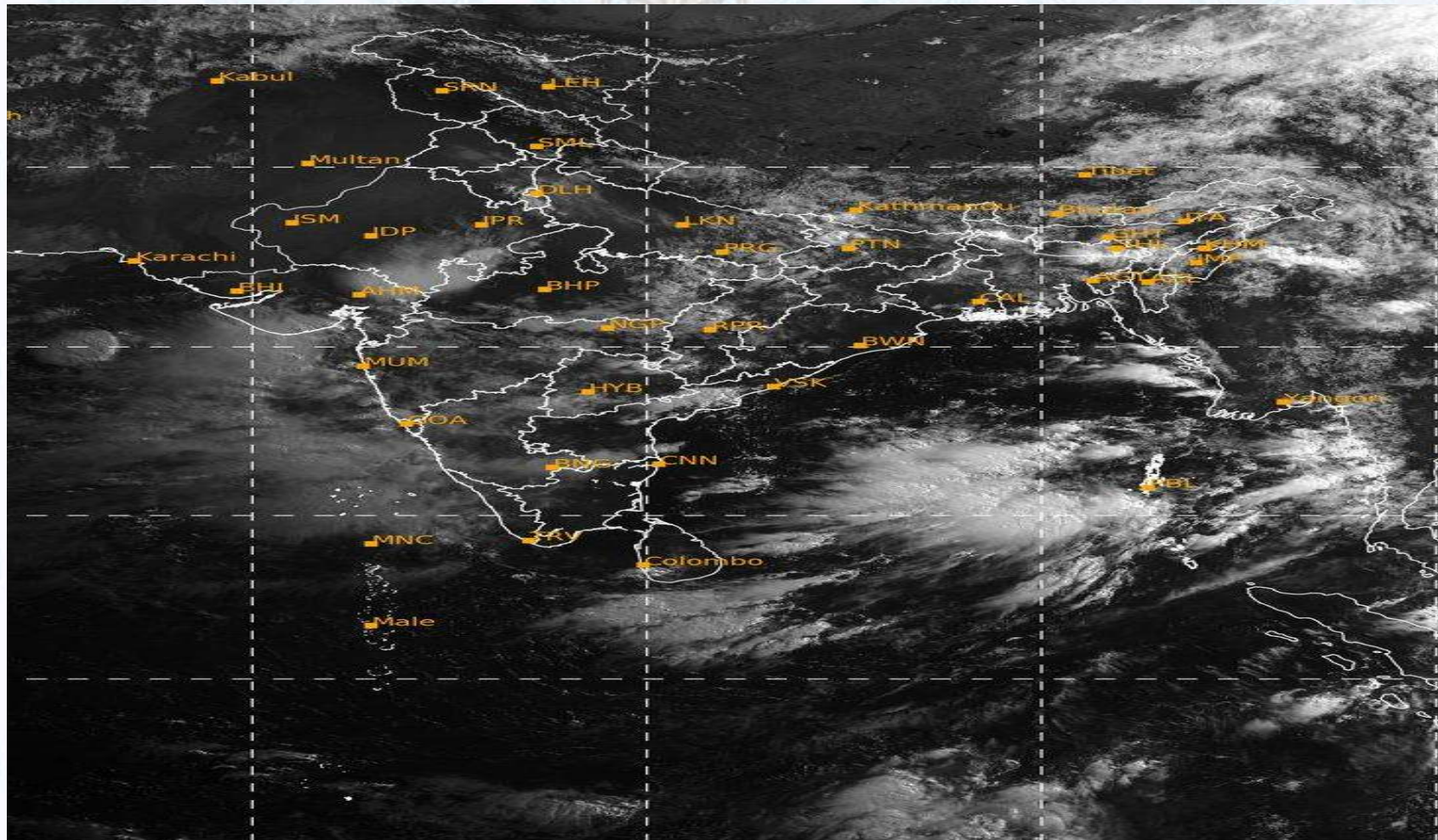


07/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



07/07/2020, 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 07.07.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	MONSOON IS STRONG OVER NORTH BAY. DEEP CONVECTION IS TAKING PLACES AND STEEP PRESSURE GRADIENT PERSISTS OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 10-18 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 =30,0000 UTC. CHATTOGRAM =1006 HPA



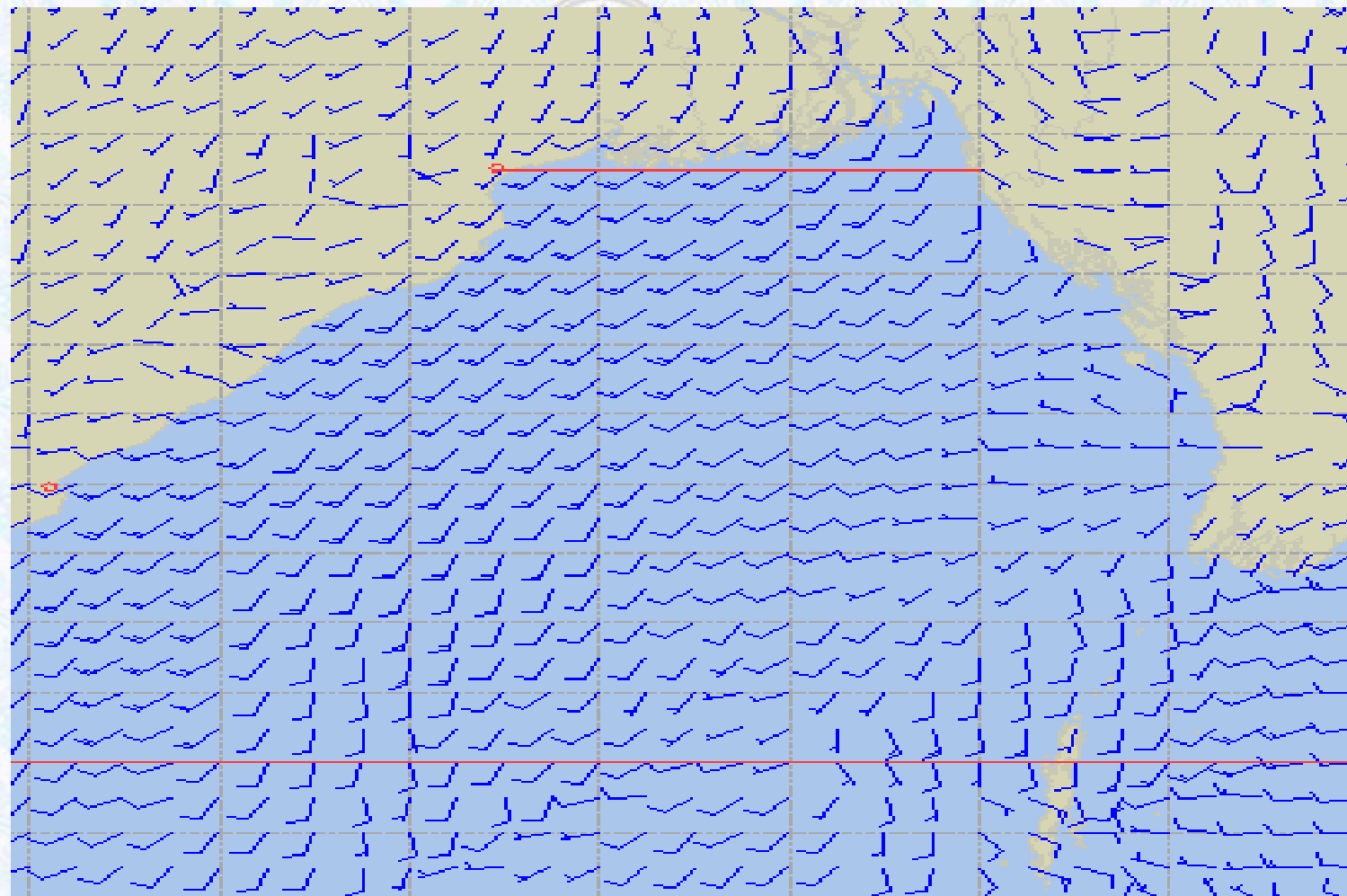
Inland River Port Warning **(VALID TILL 07 PM OF 07.07.2020)**

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 DHAKA, FARIDPUR, JASHORE KUSHTIA, 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- 08 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



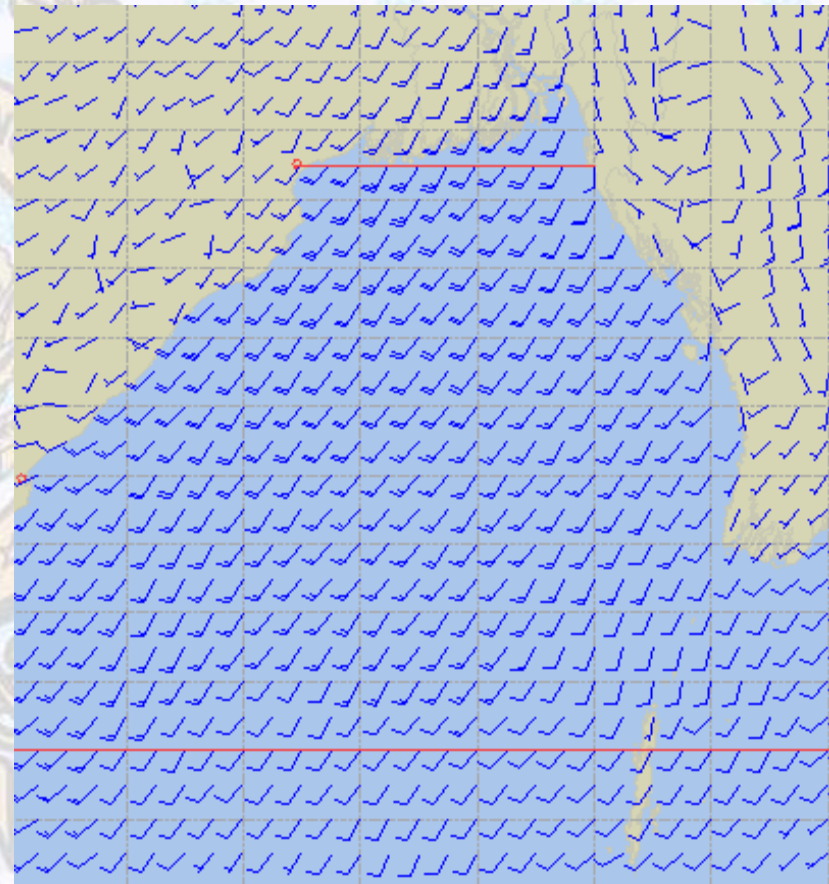
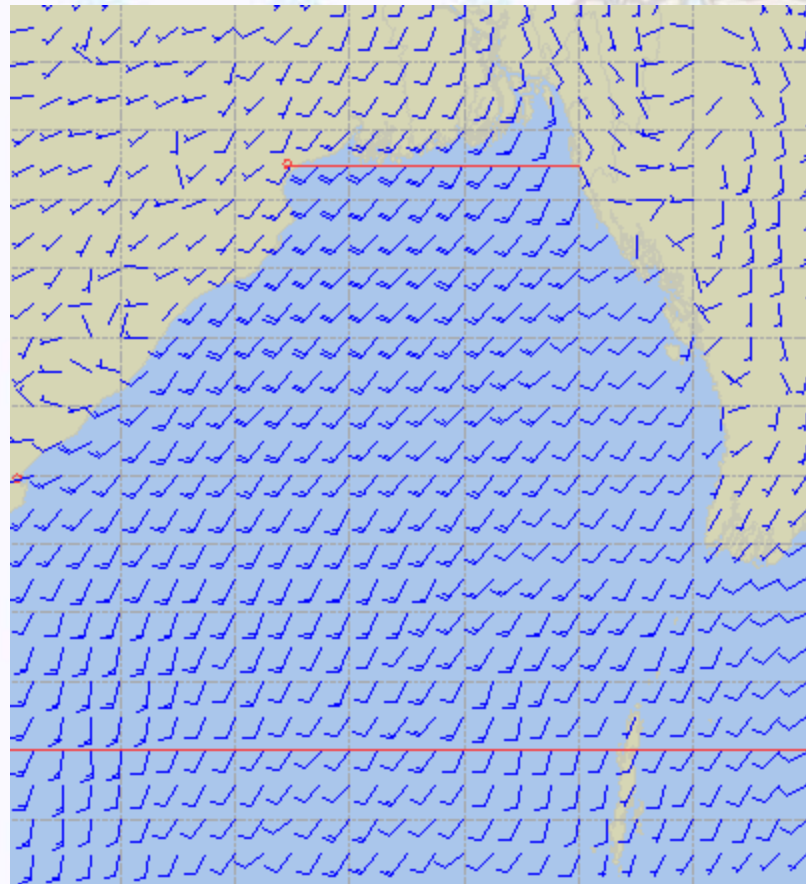
60 Knots



Surface Wind Forecast – 089 & 10 July - 2020

09 July 2020 Thursday

10 July 2020 Friday



Legend:



**Calm
Winds**



5 Knots



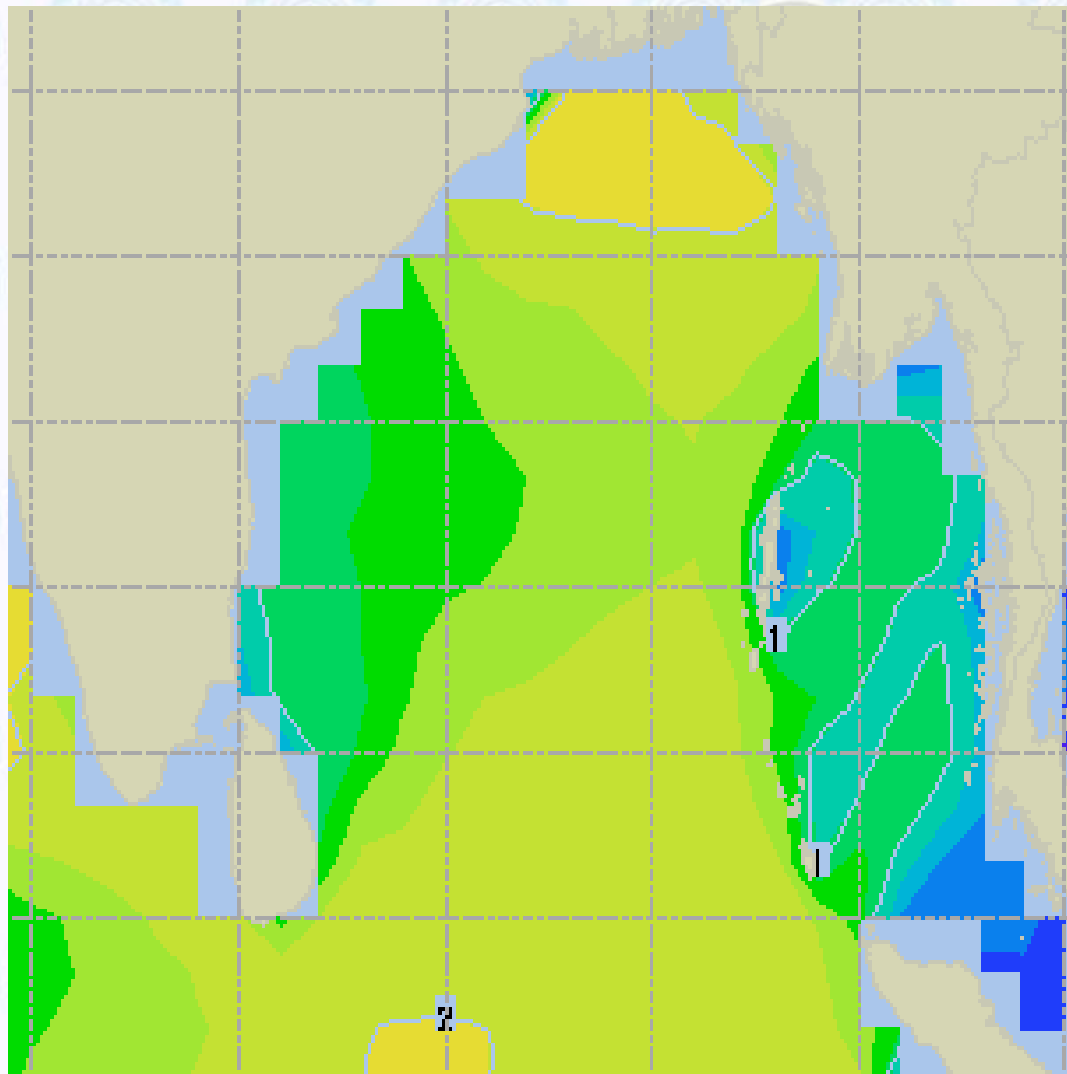
10 Knots



60 Knots



Sea State Forecast – 08 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

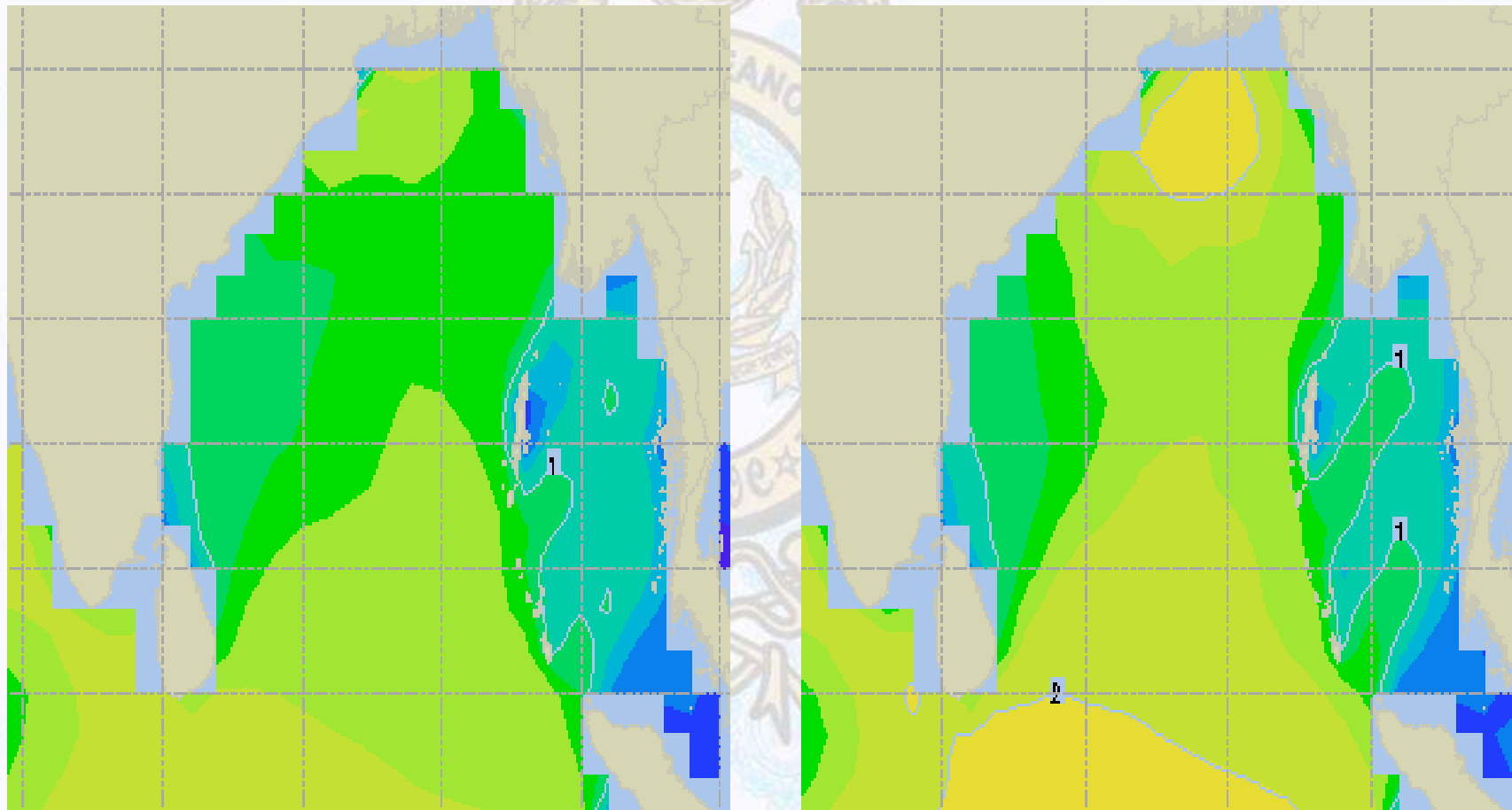




Sea State Forecast – 09 & 10 July - 2020

09 July 2020 Thursday

10 July 2020 Friday

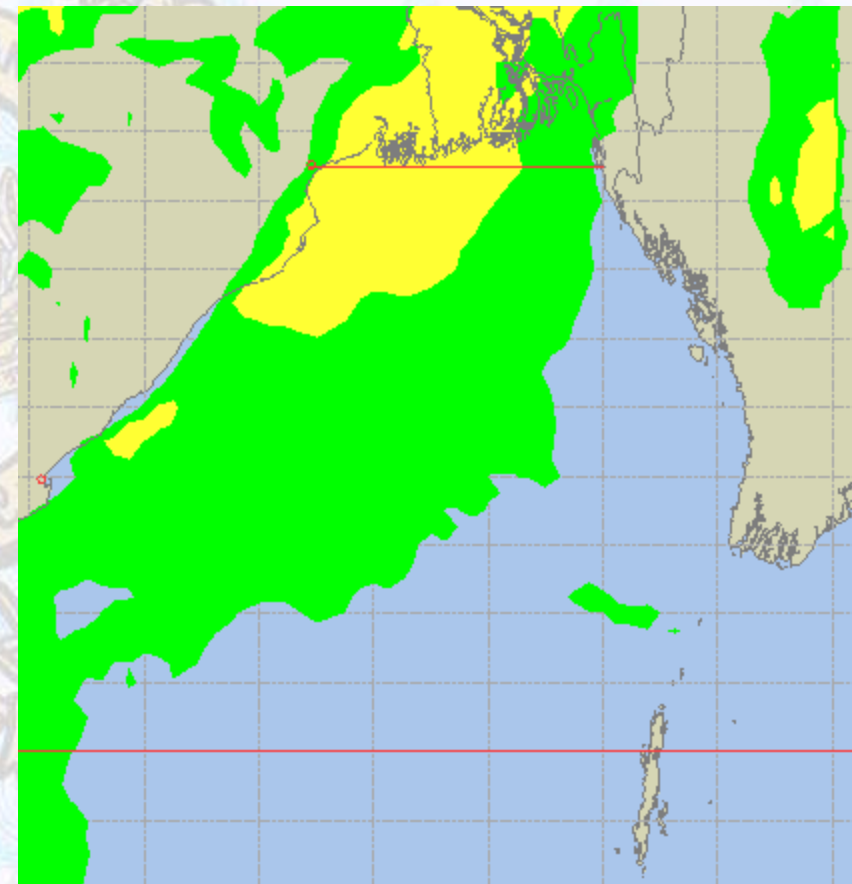
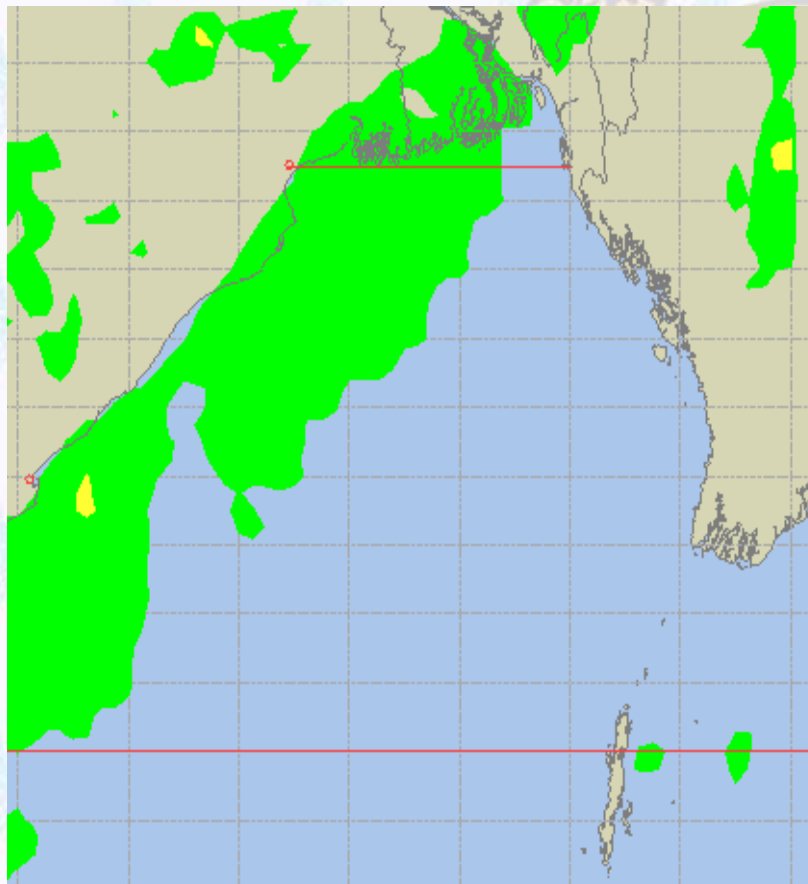




Peak Gusting Possibilities— 08 & 09 July 2020

08 July 2020 Wednesday

09 July 2020 Thursday

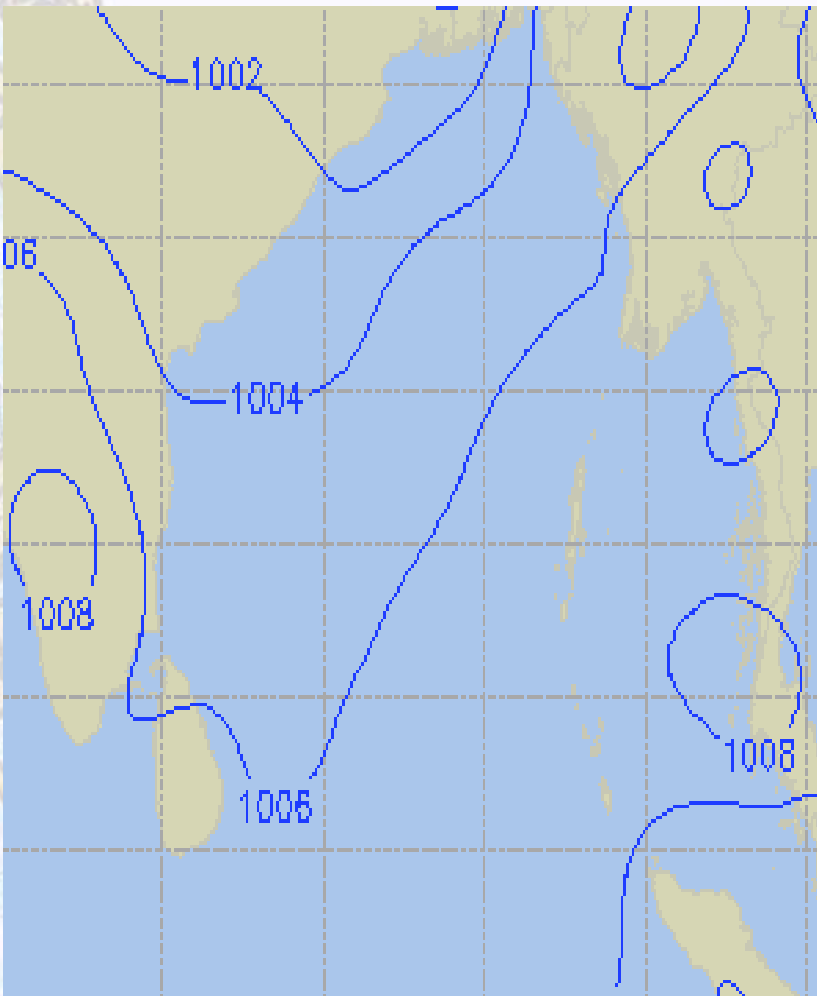
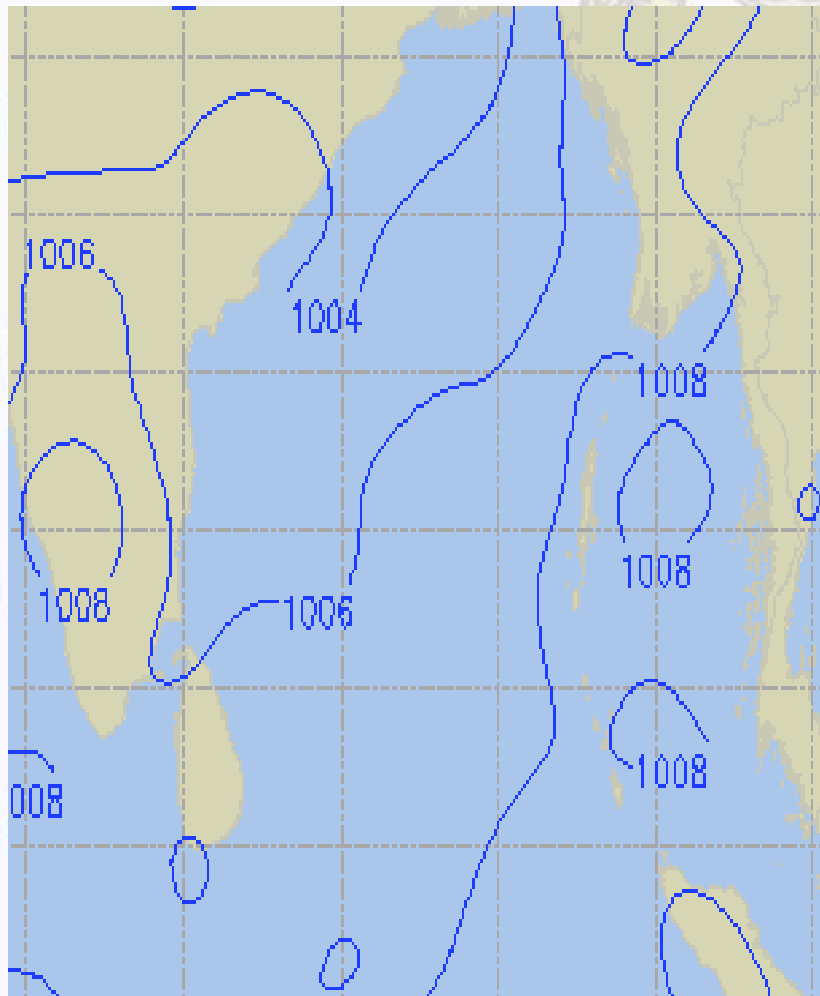




Surface Pressure forecast– 08 & 09 July 2020

08 July 2020 Wednesday

09 July 2020 Thursday

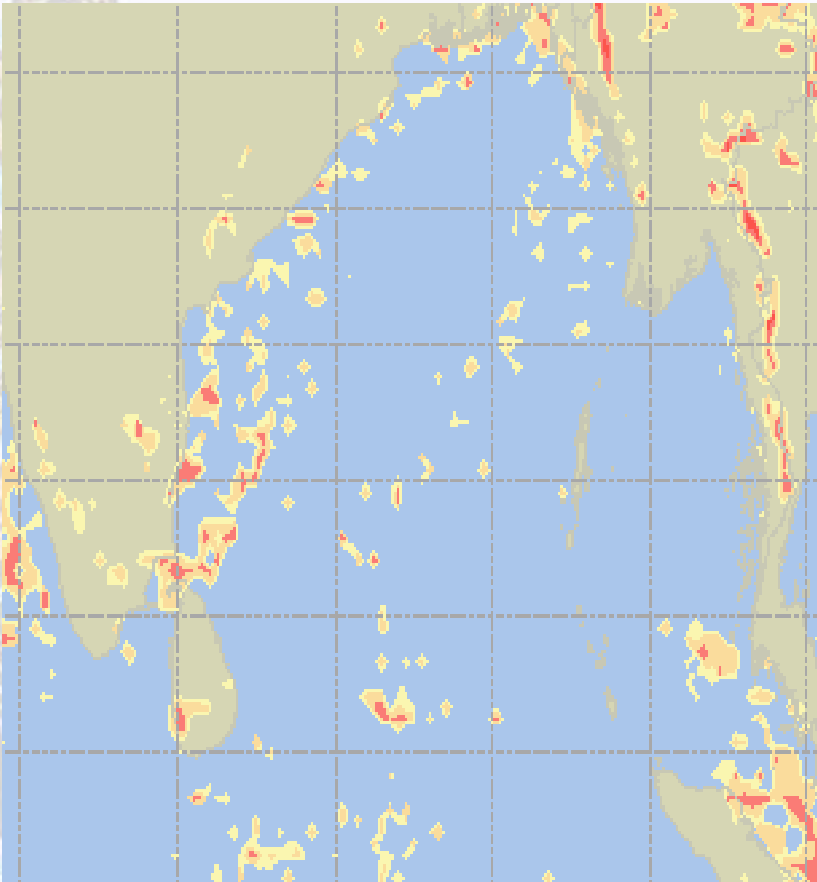
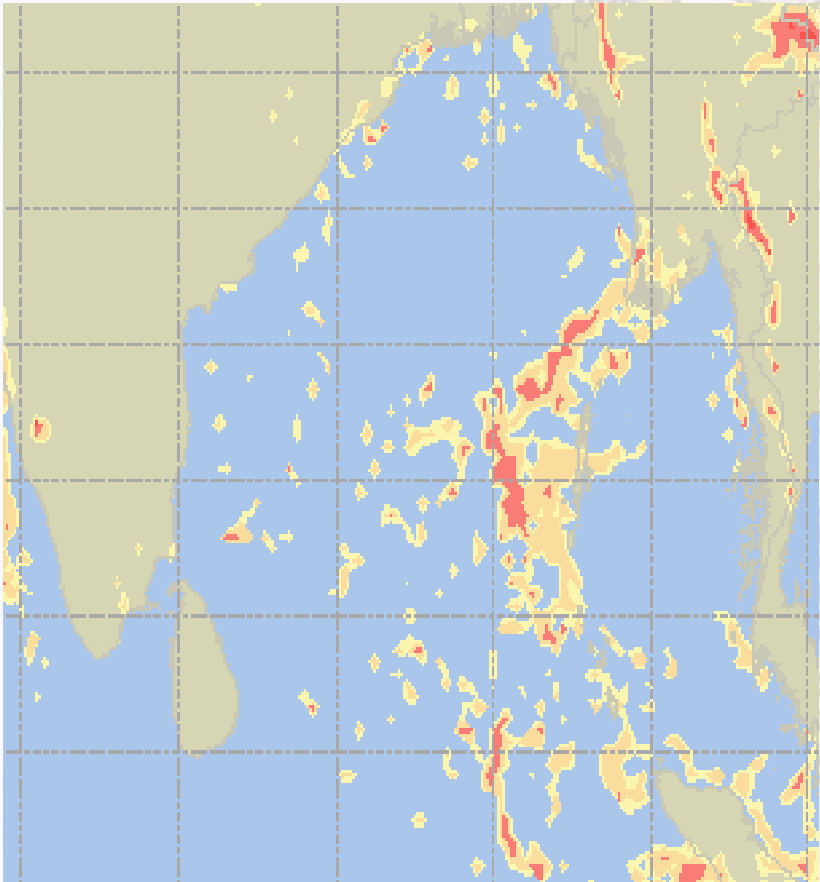




Visibility at Sea Forecast – 08 & 09 July- 2020

08 July 2020 Wednesday

09 July 2020 Thursday



Visibility Scale:



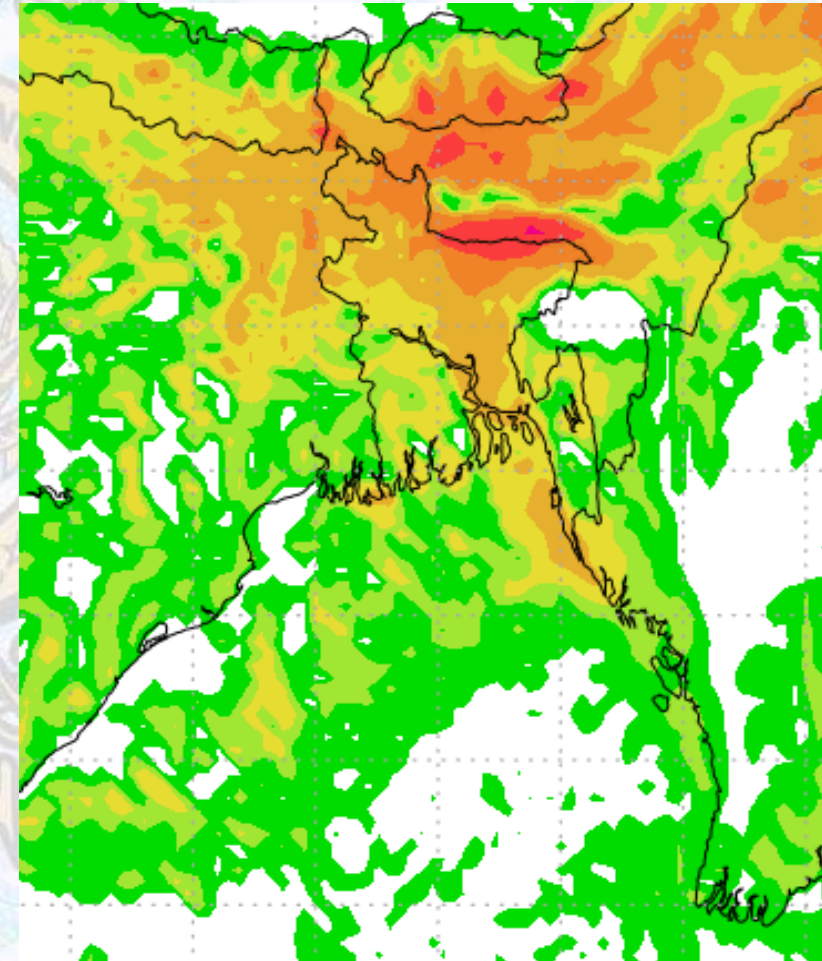
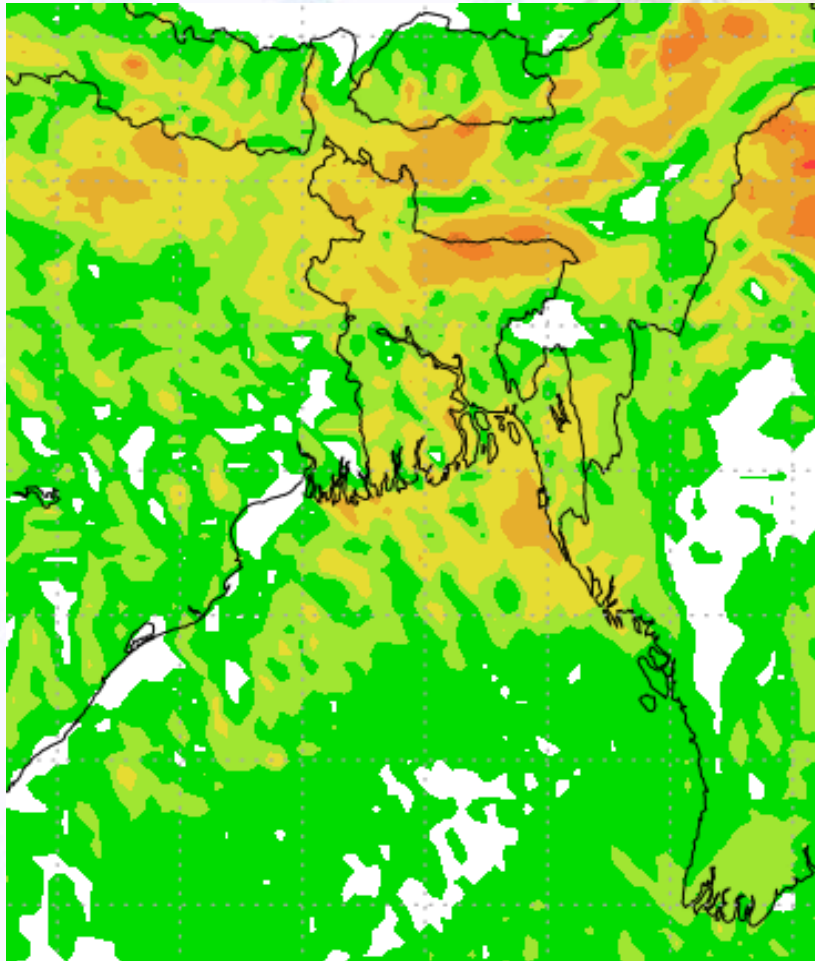
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 08 & 09 July 2020

Rain(mm) 09 & 10 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
07 July 2020	0204	5.03		0615	0.97		0544	1.07
	0823	0.84		1158	3.87		1149	3.40
	1415	5.45		1841	1.08		1826	1.12
	2100	0.87		-	-		-	-
08 July 2020	Time	Height		Time	Height		Time	Height
	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