



WEATHER FORECAST FOR BN

13 JULY - 16 JULY 2020





WEATHER FORECAST – DHAKA

13.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	32 / 26	29 / 25	28 / 26
Wind	11 km/h SSE	13 km/h SSE	12 km/h SSE	11 km/h SSE
Humidity	75%	73%	81%	85%
Chance of Precip	44%	17%	33%	70%
Cloud Cover	84%	79%	82%	91%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 19 AM			
Sunset	6: 49 PM			

Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

13.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 27	28 / 26	27 / 26
Wind	16 km/h S	15 km/h S	13 km/h SSE	15 km/h SSE
Humidity	83%	86%	90%	93%
Chance of Precip.	19%	17%	59%	83%
Cloud Cover	80%	89%	95%	96%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 16 AM			
Sunset	6: 40 PM			

Conditions

Pressure : 1003 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

13.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 28	29 / 27	28 / 27
Wind	10 km/h S	11 km/h S	10 km/h S	7 km/h S
Humidity	84%	85%	92%	94%
Chance of Precip.	49%	77%	37%	24%
Cloud Cover	89%	92%	90%	90%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 24 AM 6: 50 PM			

Conditions

Pressure : 1001 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	14 July 2020	15 July 2020	16 July 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	32 °C/ 27 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h19m36s/18h48m48s	5h19m54s/18h48m36s	5h19m54s/18h48m36s
Day Length	13h29m12s	13h28m42s	13h27m54s
Moon Rise/ Set	12:17 PM 1:06 AM	12:51 PM 2:00 AM	1:27 PM 2:53 AM
Moon Phase/ illu	Waning Gibbous, 35%	Waning Gibbous, 26%	Waning Gibbous, 17%
NauticalTwilight	0425,1943	0425,1942	0426,1942
Civil Twilight	0455,1913	0455,1913	0455,1912
Humidity	D : 80% N : 85%	D : 76% N : 84%	D : 74% N : 83%
Barometer (mb)	1002	1003	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	17 Km/h SSE	17 Km/h SSE	15 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 July 2020	15 July 2020	16 July 2020
Temperature (C)	29 °C/ 25 °C	31 °C/ 25 °C	31 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h16m54s/18h40m12s	5h17m12s/18h40m00s	5h17m12s/18h40m00s
Day Length	13h23m18s	13h22m48s	13h22m00s
Moon Rise/ Set	12:12 PM 1:01 AM	12:46 PM 1:52 AM	1:23 PM 2:45 AM
Moon Phase/ illu	Waning Gibbous, 35%	Waning Gibbous, 26%	Waning Gibbous, 17%
NauticalTwilight	0423, 1933	0423, 1933	0424, 1933
Civil Twilight	0452, 1904	0453, 1904	0453, 1903
Humidity	D : 89% N : 93%	D : 82% N : 93%	D : 82% N : 93%
Barometer (mb)	1003	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	50%	50%
Wind (mph)	18 Km/h SSE	16 Km/h S	14 Km/h S

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



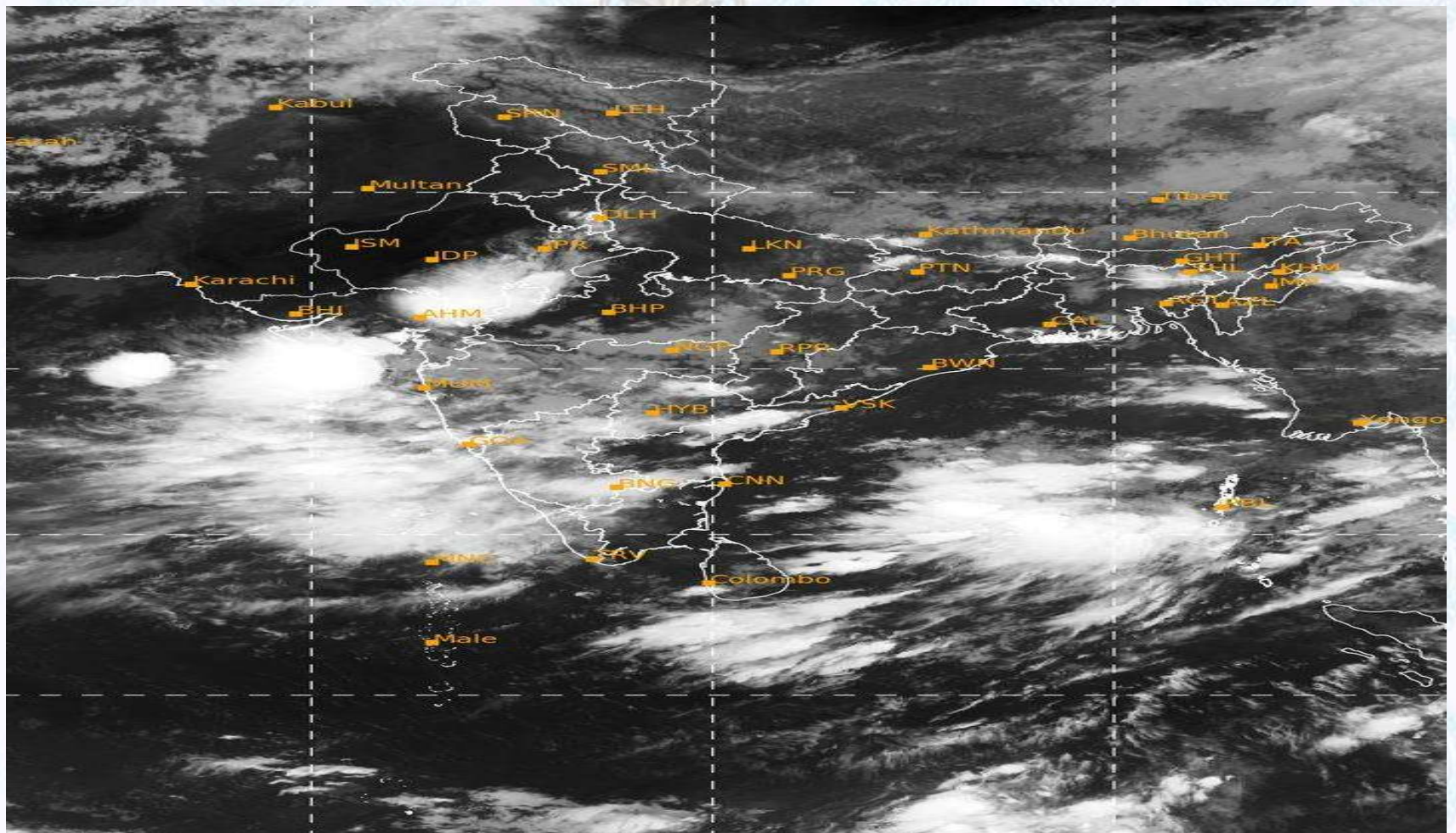
GENERAL WEATHER FORECAST – KHULNA

Description	14 July 2020	15 July 2020	16 July 2020
Temperature(C)	31°C/ 26°C	32°C/ 26°C	32°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h25m00s/18h50m18s	5h25m18s/18h50m12s	5h25m18s/18h50m12s
Day Length	13h25m18s	13h24m54s	13h24m06s
Moon Rise/Set	12:22 PM 1:12 AM	12:56 PM 2:03 AM	1:33 PM 2:56 AM
Moon Phase/illu	Waning Gibbous, 35%	Waning Gibbous, 26%	Waning Gibbous, 17%
Nautical Twilight	0431, 1944	0431, 1943	0432, 1943
Civil Twilight	0500, 1914	0501, 1914	0501, 1914
Humidity	D : 83% N : 89%	D : 80% N : 87%	D : 77% N : 87%
Barometer (mb)	1001	1003	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	14 km/h SSE	17 km/h SSE	14 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

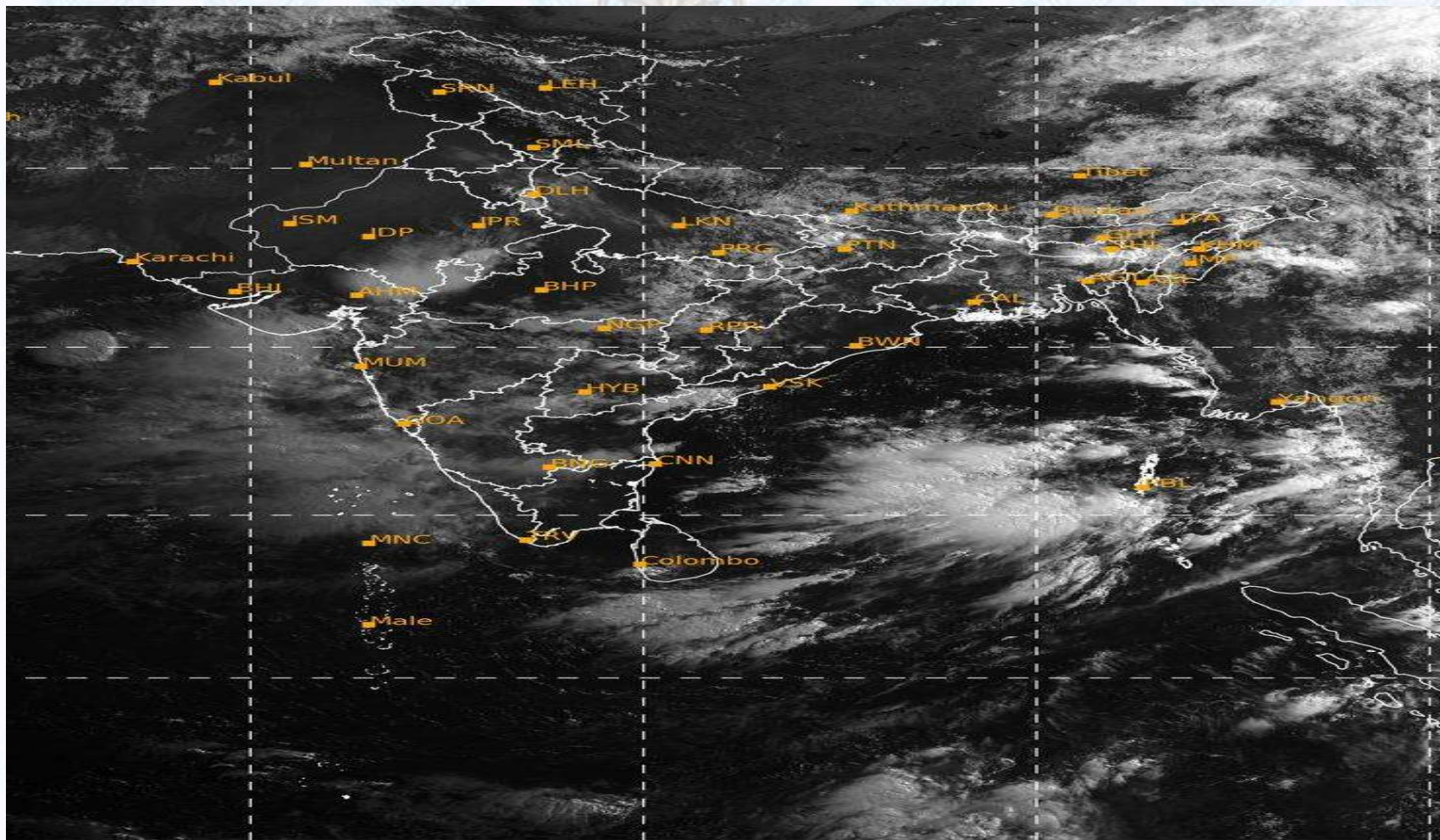


13/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



13/07/2020, 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 13.07.2020)

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	S/SW'LY, 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 = 13,0000 UTC. CHATTOGRAM =1004 HPA



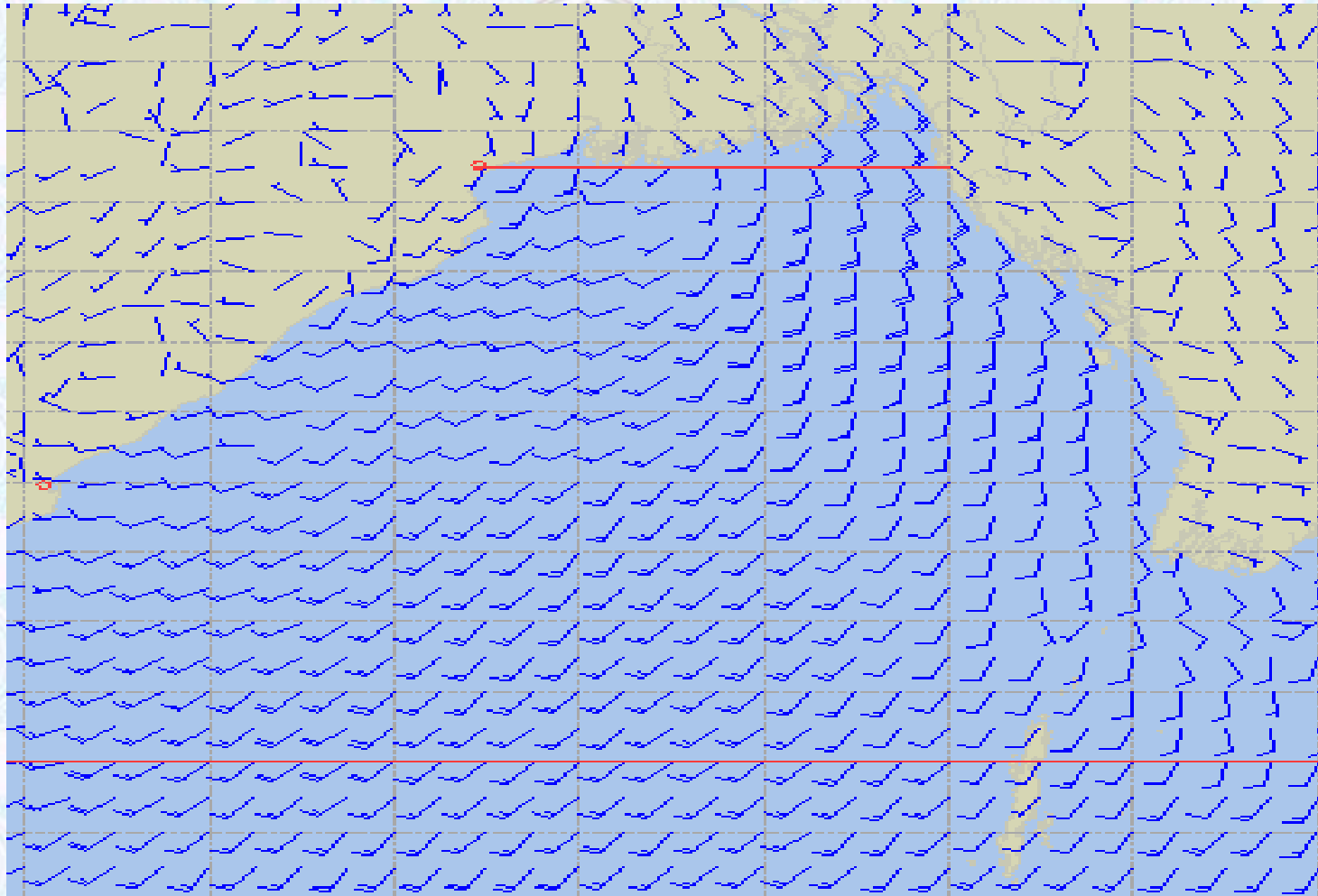
Inland River Port Warning **(VALID TILL 07 PM OF 13.07.2020)**

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- 14 July- 2020



Legend:



Calm
Winds



5 Knots



10 Knots



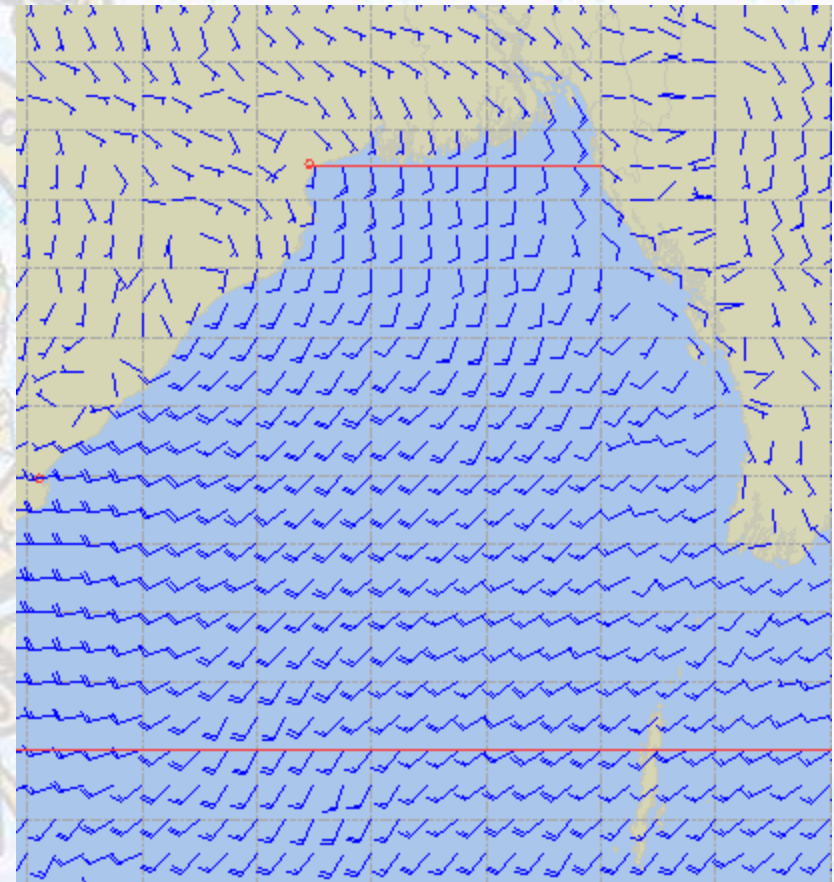
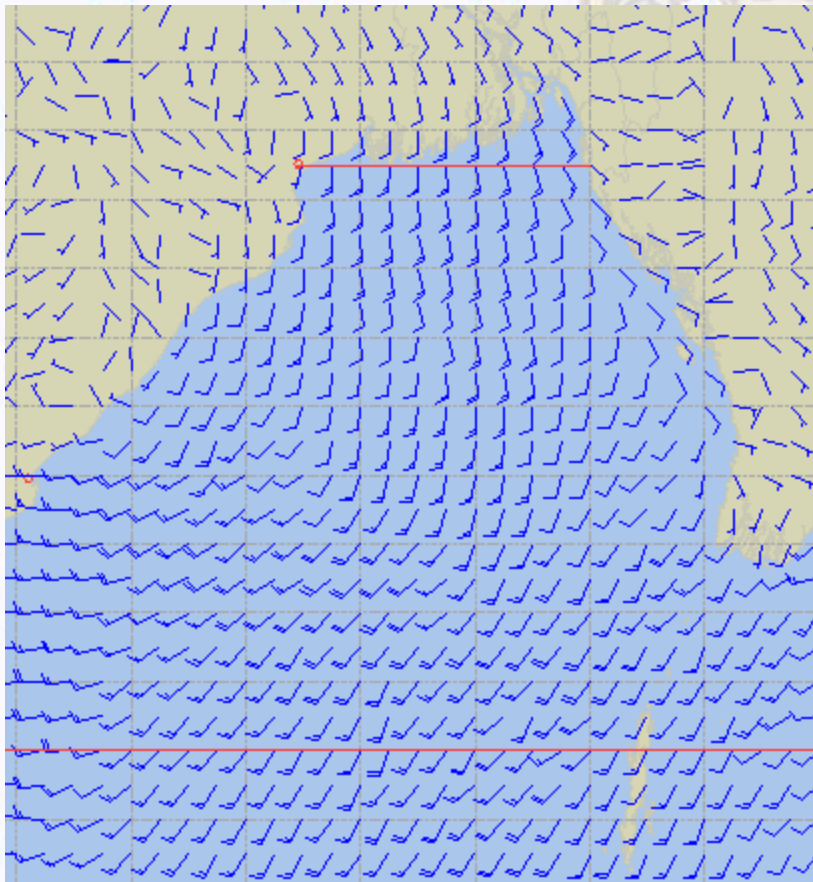
60 Knots



Surface Wind Forecast – 15 & 16 July - 2020

15 July 2020 Wednesday

16 July 2020 Thursday



Legend:



**Calm
Winds**



5 Knots



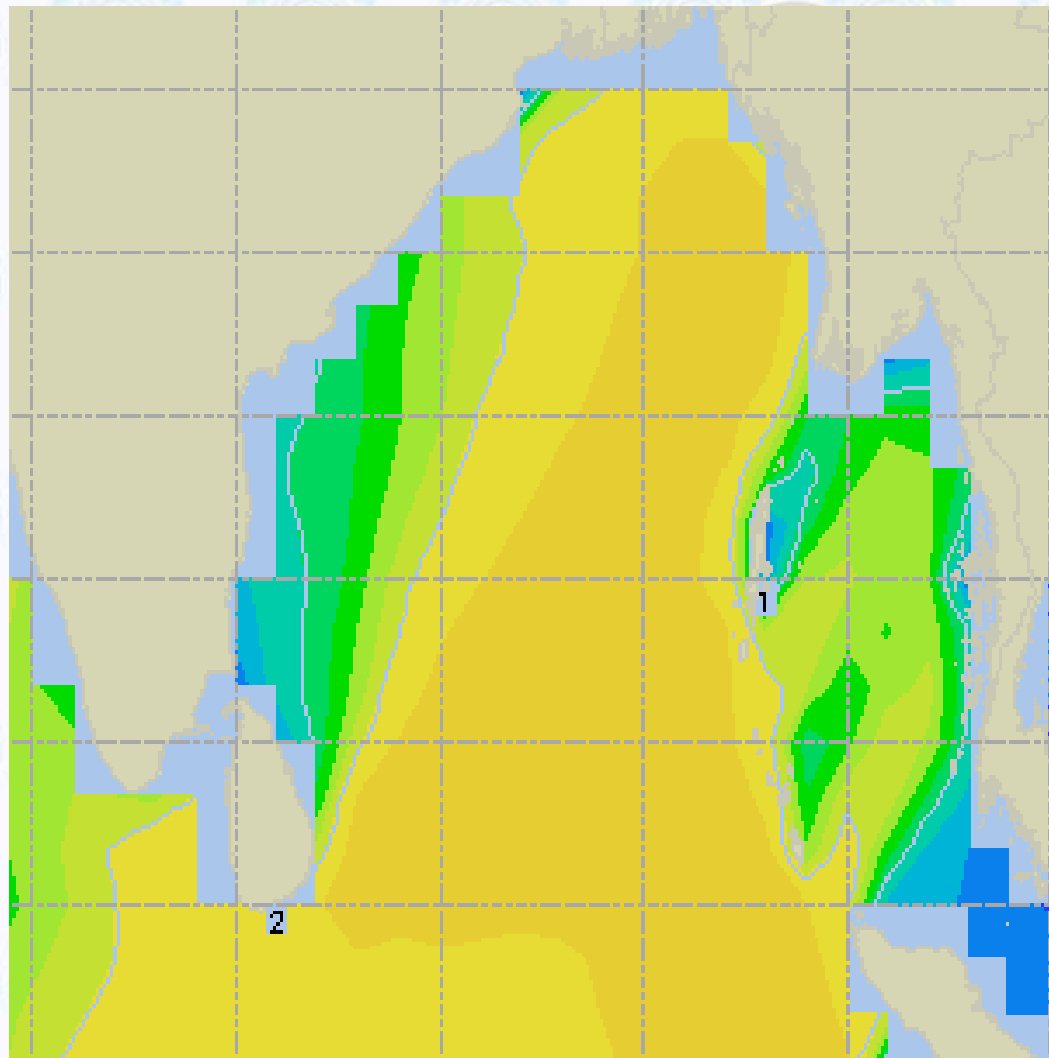
10 Knots



60 Knots



Sea State Forecast – 14 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

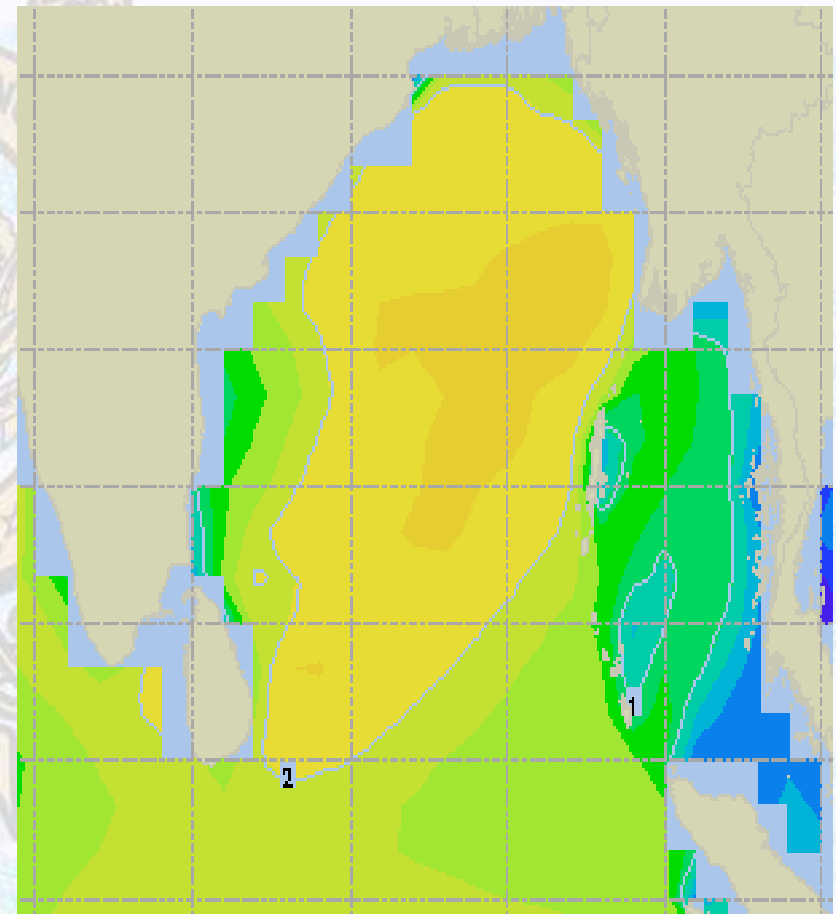
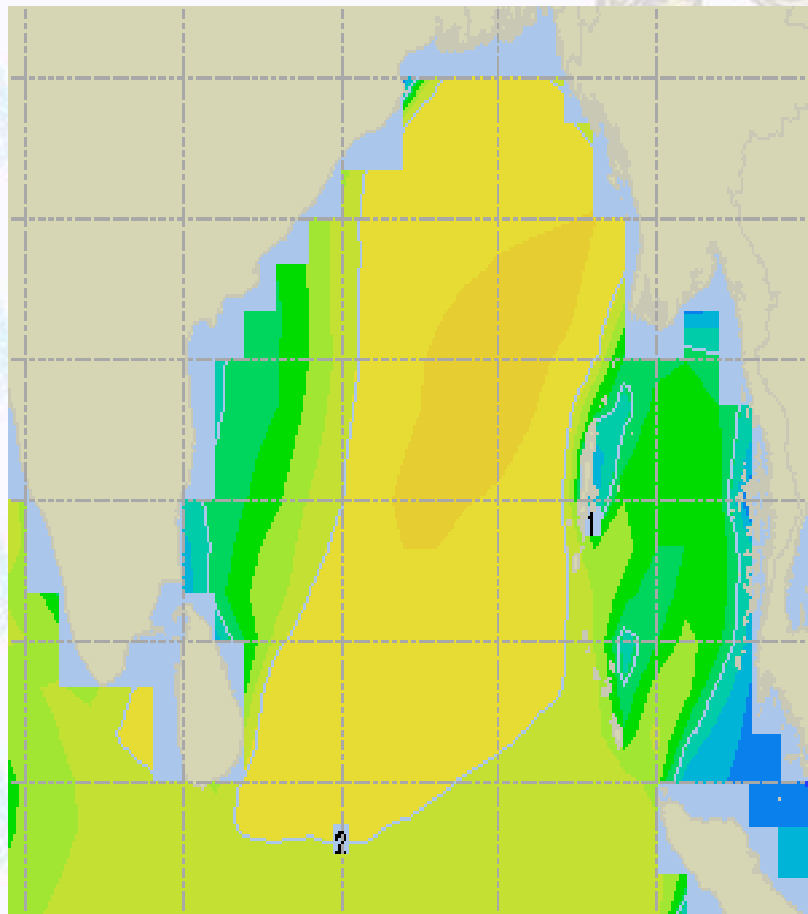




Sea State Forecast – 15 & 16 July - 2020

15 July 2020 Wednesday

16 July 2020 Thursday

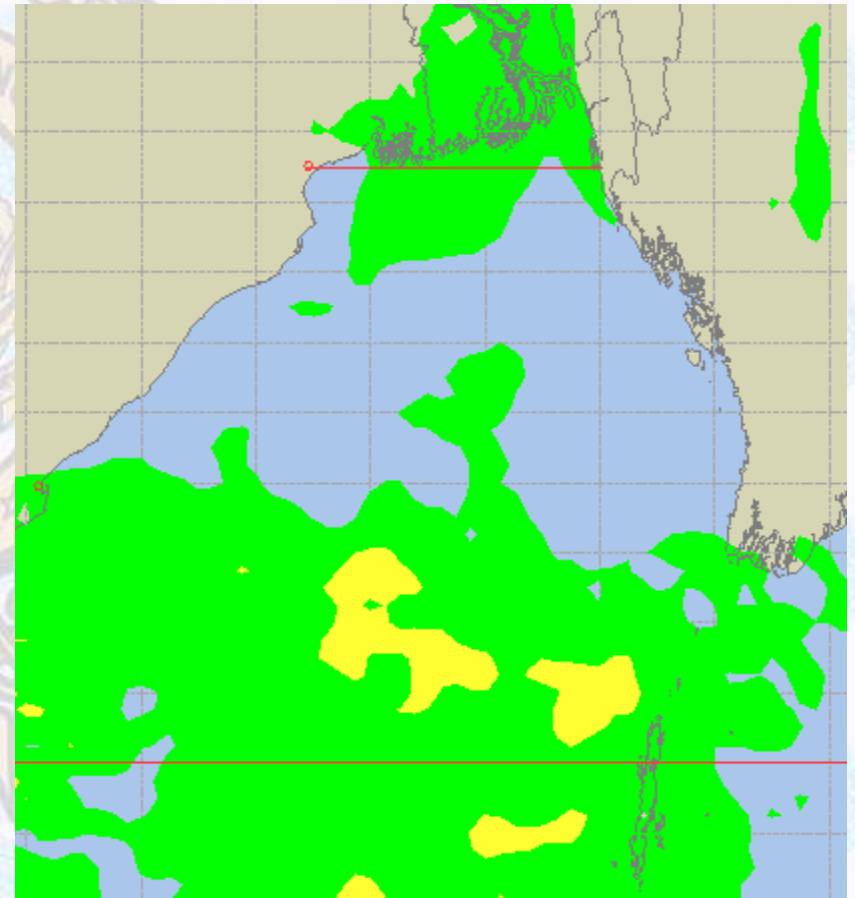
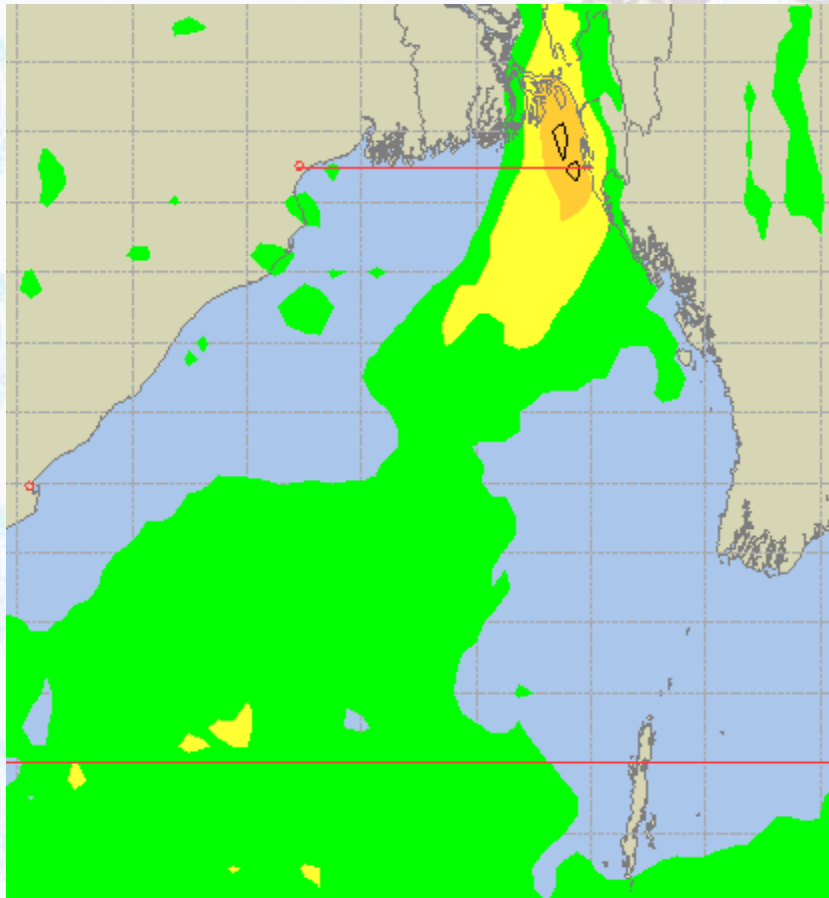




Peak Gusting Possibilities— 14 & 15 July 2020

14 July 2020 Tuesday

15 July 2020 Wednesday

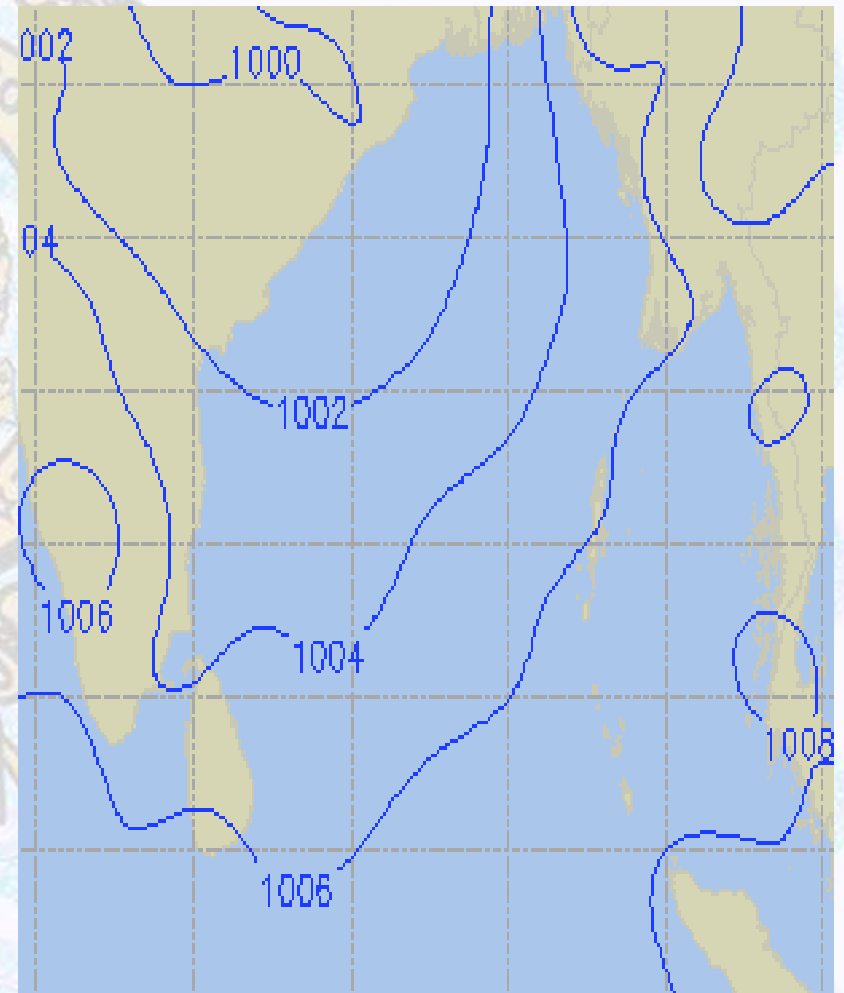
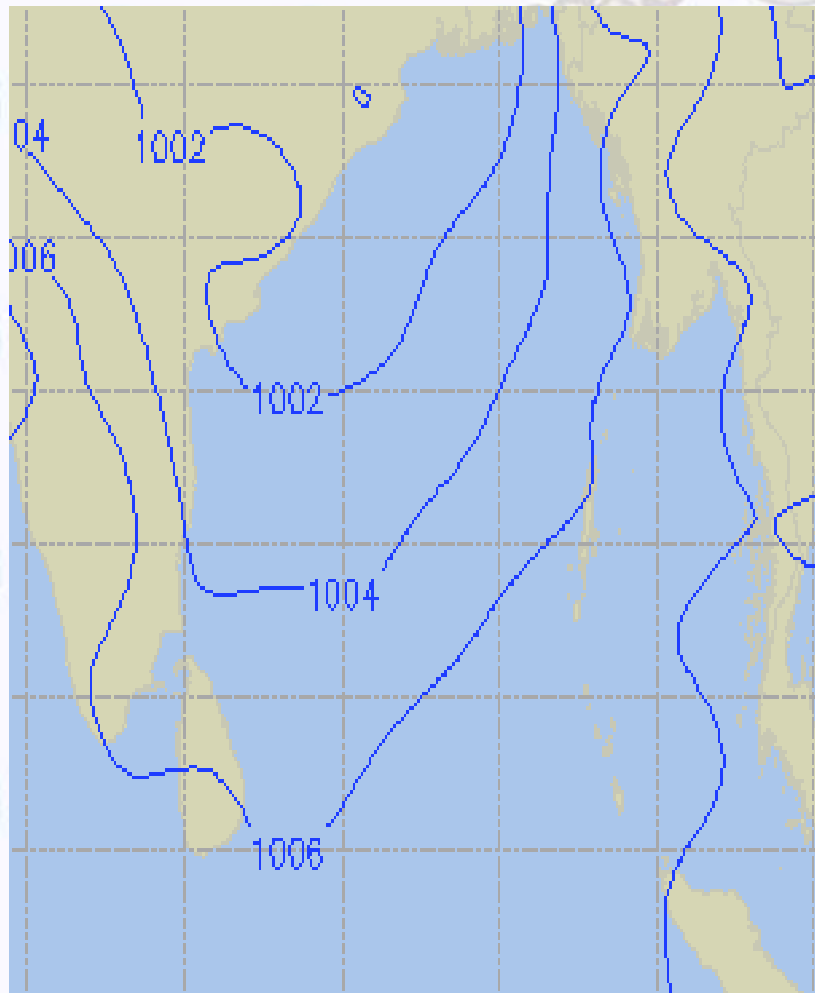




Surface Pressure forecast– 14 & 15 July 2020

14 July 2020 Tuesday

15 July 2020 Wednesday

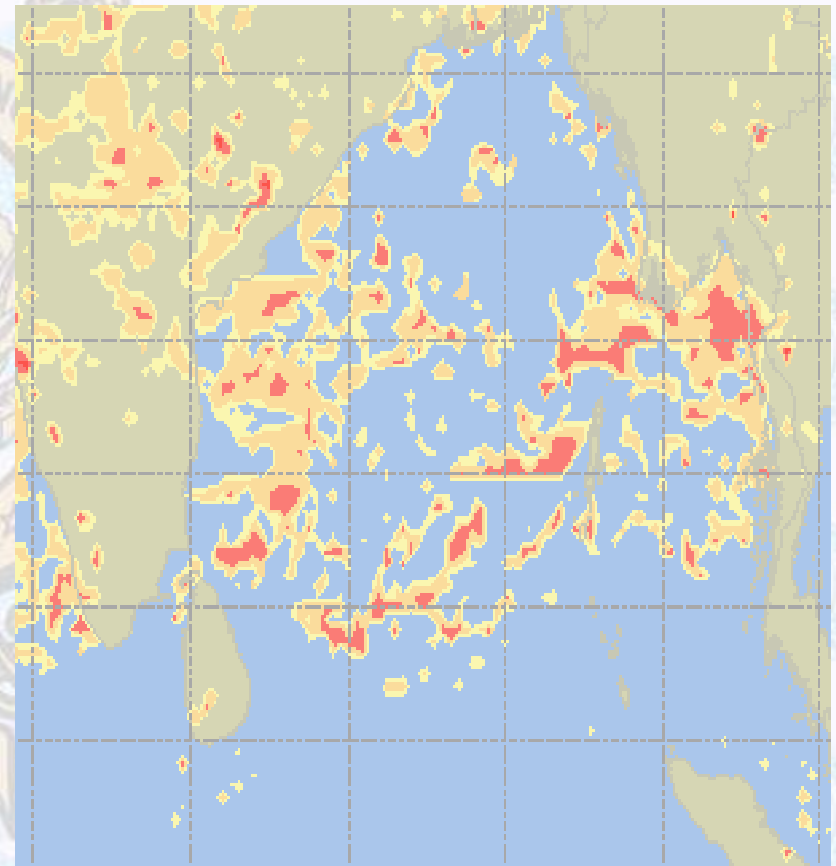
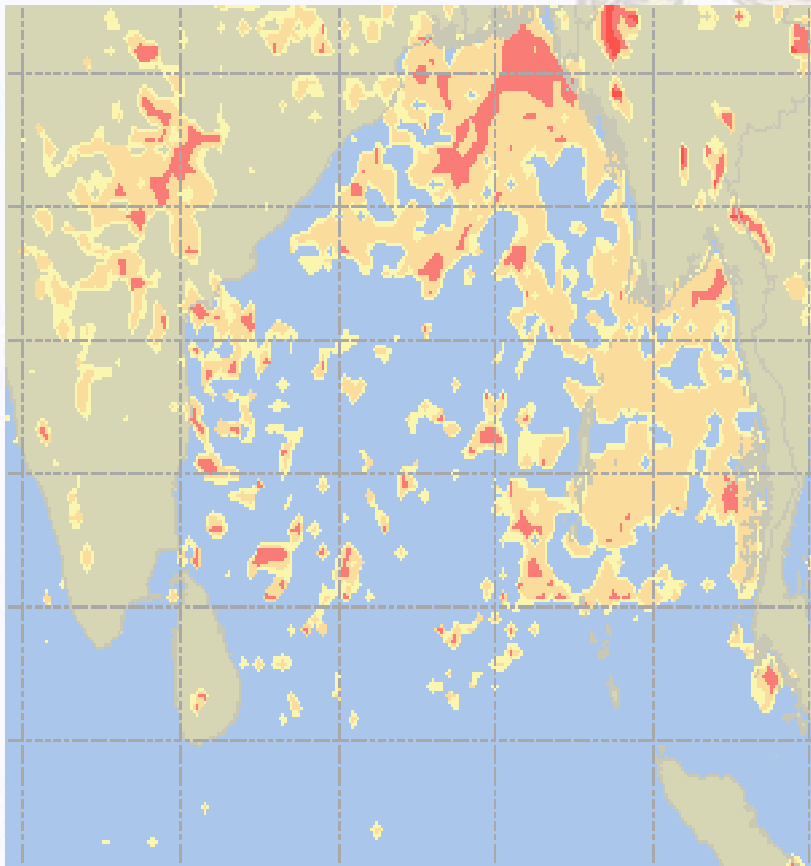




Visibility at Sea Forecast – 14 & 15 July- 2020

14 July 2020 Tuesday

15 July 2020 Wednesday



Visibility Scale:

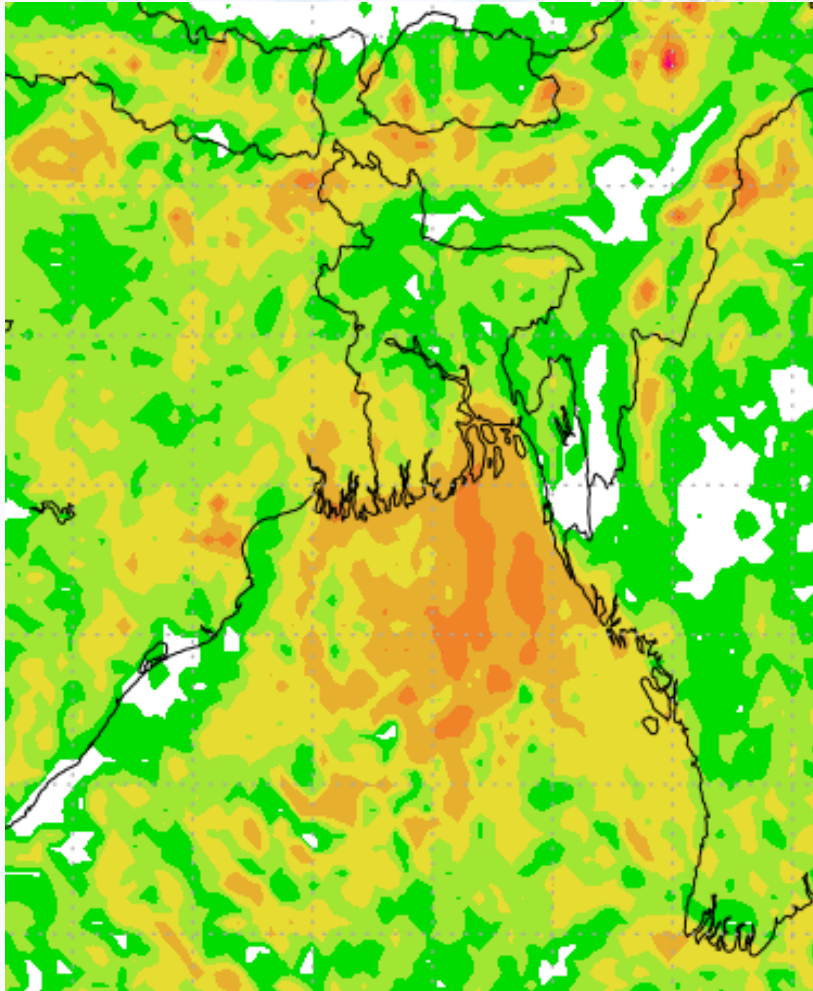


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

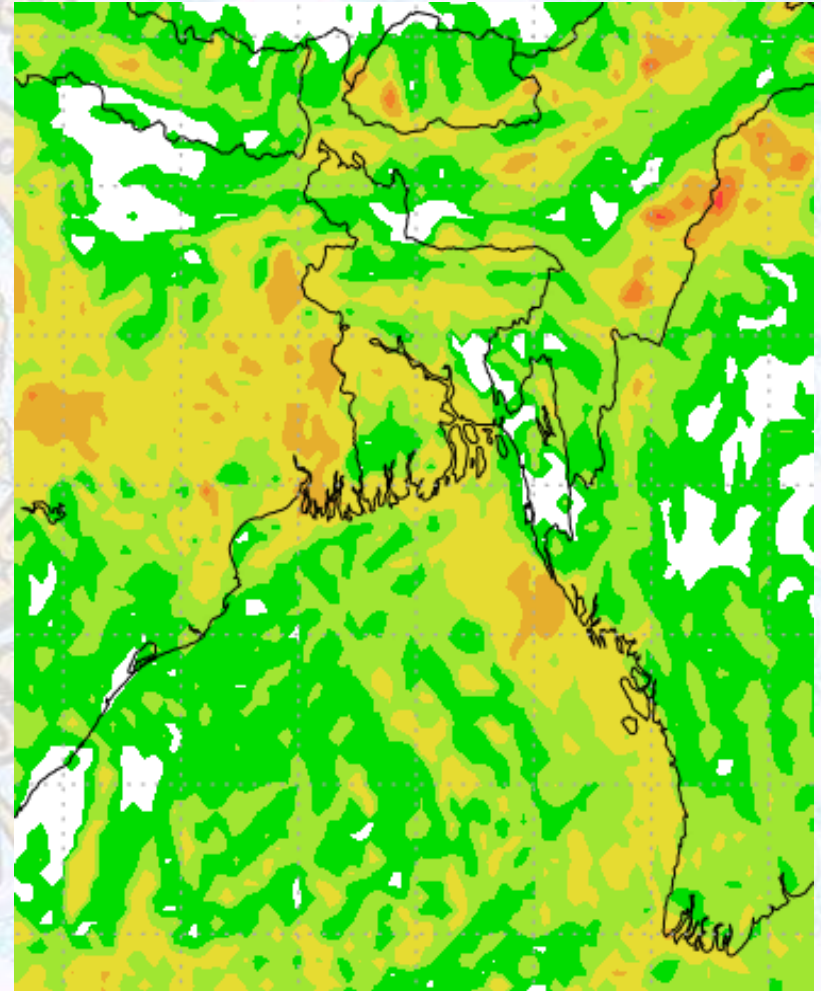


Precipitation

Rain(mm) 14 & 15 July 2020



Rain(mm) 15 & 16 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
13 July 2020	0304	4.44		0352	2.90		0330	2.85
	0946	0.13		1019	1.55		0935	1.65
	1534	4.42		1618	2.91		1535	2.83
	2210	0.38		2244	1.63		2203	1.46
14 July 2020	Time	Height		Time	Height		Time	Height
	0106	1.47		0457	2.85		0428	2.80
	0726	4.45		1125	1.62		1039	1.75
	1346	1.75		1723	2.80		1634	2.69
	1947	.20		2357	1.65		2305	1.51
15 July 2020	Time	Height		Time	Height		Time	Height
	0210	1.57		0614	2.89		0539	2.80
	0832	4.47		1242	1.62		1153	1.77
	1502	1.74		1835	2.79		1746	2.61
	2057	4.15		-	-		-	-