



WEATHER FORECAST FOR BN

12 JULY - 15 JULY 2020





WEATHER FORECAST – DHAKA

12.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 26	31 / 26	29 / 26	28 / 25
Wind	14 km/h SW	13 km/h SSW	12 km/h S	13 km/h S
Humidity	77%	77%	83%	84%
Chance of Precip	20%	20%	50%	51%
Cloud Cover	87%	91%	96%	89%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 18 AM			
Sunset	6: 49 PM			

Conditions

Pressure : 1002 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

12.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 27	28 / 26	28 / 26
Wind	18 km/h SSW	16 km/h SSW	16 km/h S	15 km/h SSE
Humidity	87%	87%	90%	92%
Chance of Precip.	80%	52%	66%	69%
Cloud Cover	85%	87%	89%	96%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 16 AM			
Sunset	6: 40 PM			

Conditions

Pressure : 1004 hpa

Visibility : 9.66 Km

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



WEATHER FORECAST – KHULNA

12.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 28	29 / 27	28 / 27
Wind	13 km/h SSW	12 km/h SSW	11 km/h SSW	10 km/h SSW
Humidity	81%	82%	90%	93%
Chance of Precip.	18%	16%	22%	17%
Cloud Cover	93%	94%	85%	88%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 24 AM 6: 50 PM			

Conditions

Pressure : 1002 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	13 July 2020	14 July 2020	15 July 2020
Temperature (C)	32 °C/ 26 °C	30 °C/ 26 °C	31 °C/ 27 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h19m12s/18h49m00s	5h19m36s/18h48m48s	5h19m54s/18h48m36s
Day Length	13h29m48s	13h29m12s	13h28m42s
Moon Rise/ Set	00:00 PM 00:00 AM	12:17 PM 1:06 AM	12:51 PM 2:00 AM
Moon Phase/ illu	Last Quarter, 97%	Waning Gibbous, 35%	Waning Gibbous, 26%
NauticalTwilight	0424,1943	0425,1943	0426,1943
Civil Twilight	0454,1913	0455,1913	0455,1912
Humidity	D : 77% N : 85%	D : 81% N : 86%	D : 78% N : 84%
Barometer (mb)	1001	1002	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	15 Km/h S	18 Km/h SSE	17 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	13 July 2020	14 July 2020	15 July 2020
Temperature (C)	29° C/ 26° C	29° C/ 25° C	30° C/ 25° C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h16m36s/18h40m18s	5h16m54s/18h40m12s	5h17m12s/18h40m00s
Day Length	13h23m42s	13h23m18s	13h22m48s
Moon Rise/ Set	00:00 PM 00:00 AM	12:12 PM 1:01 AM	12:46 PM 1:52 AM
Moon Phase/ illu	Last Quarter, 97%	Waning Gibbous, 35%	Waning Gibbous, 26%
NauticalTwilight	0422, 1934	0423, 1933	0424, 1933
Civil Twilight	0452, 1904	0452, 1904	0453, 1904
Humidity	D : 90% N : 94%	D : 90% N : 94%	D : 84% N : 93%
Barometer (mb)	1004	1004	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	50%
Wind (mph)	17 Km/h S	18 Km/h SSE	16 Km/h S

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



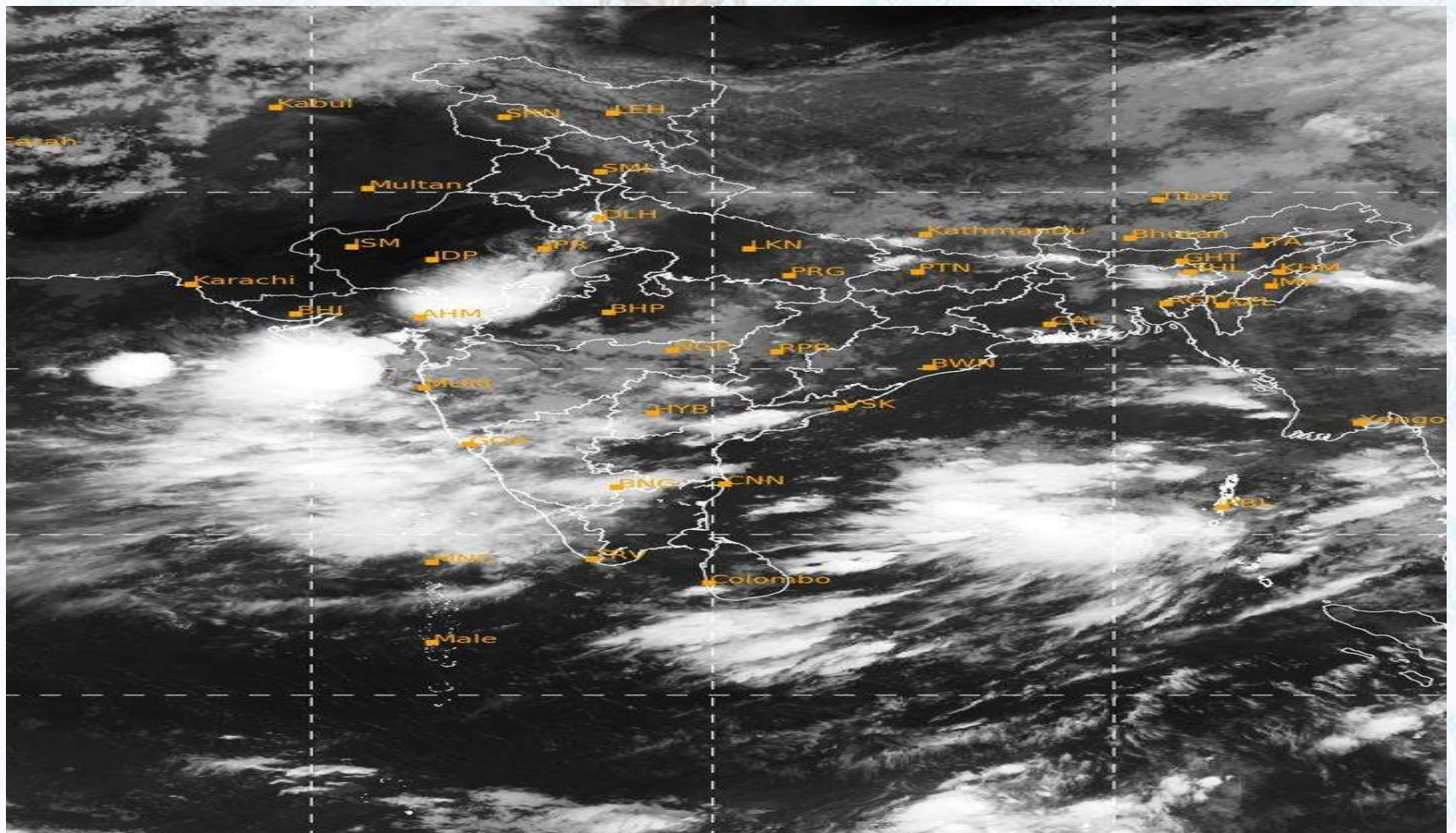
GENERAL WEATHER FORECAST – KHULNA

Description	13 July 2020	14 July 2020	15 July 2020
Temperature(C)	32°C/ 26°C	31°C/ 26°C	31°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h24m42s/18h50m24s	5h25m00s/18h50m18s	5h25m18s/18h50m12s
Day Length	13h25m42s	13h25m18s	13h24m54s
Moon Rise/Set	00:00 PM 00:00 AM	12:22 PM 00:00 AM	12:56 PM 2:03 AM
Moon Phase/illu	Last Quarter, 97%	Waning Gibbous, 35%	Waning Gibbous, 26%
Nautical Twilight	0430, 1944	0431, 1944	0432, 1944
Civil Twilight	0500, 1914	0500, 1914	0501, 1914
Humidity	D : 80% N : 88%	D : 84% N : 88%	D : 81% N : 87%
Barometer (mb)	1001	1002	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	13 km/h S	17 km/h SSE	17 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

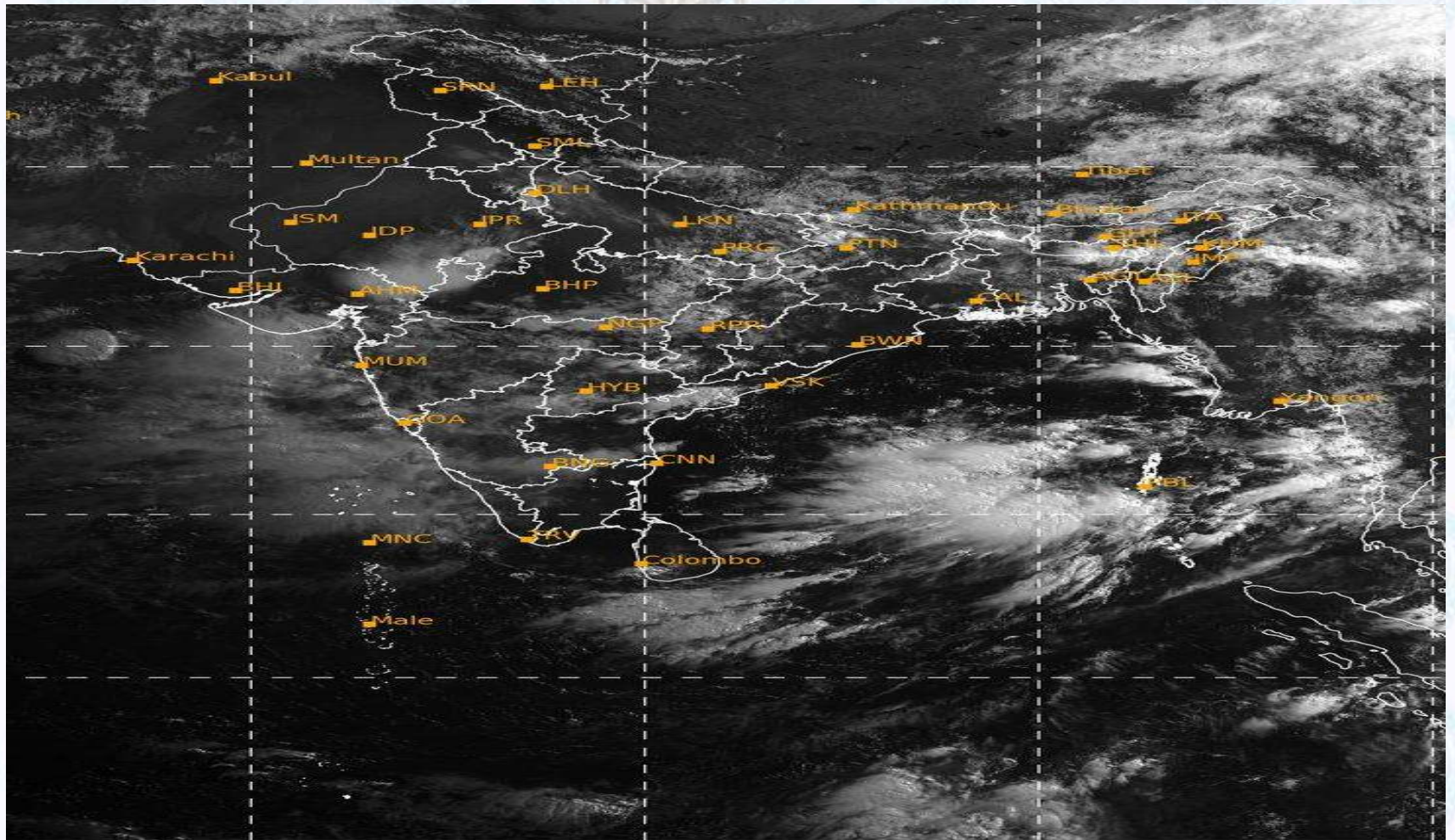


12/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



12/07/2020, 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 12.07.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH-EAST BAY. MONSOON IS MODERATE TO STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-WESTERLY, 12-18 KTS, TEMPORARY GUSTING TO 28 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1004 HPA



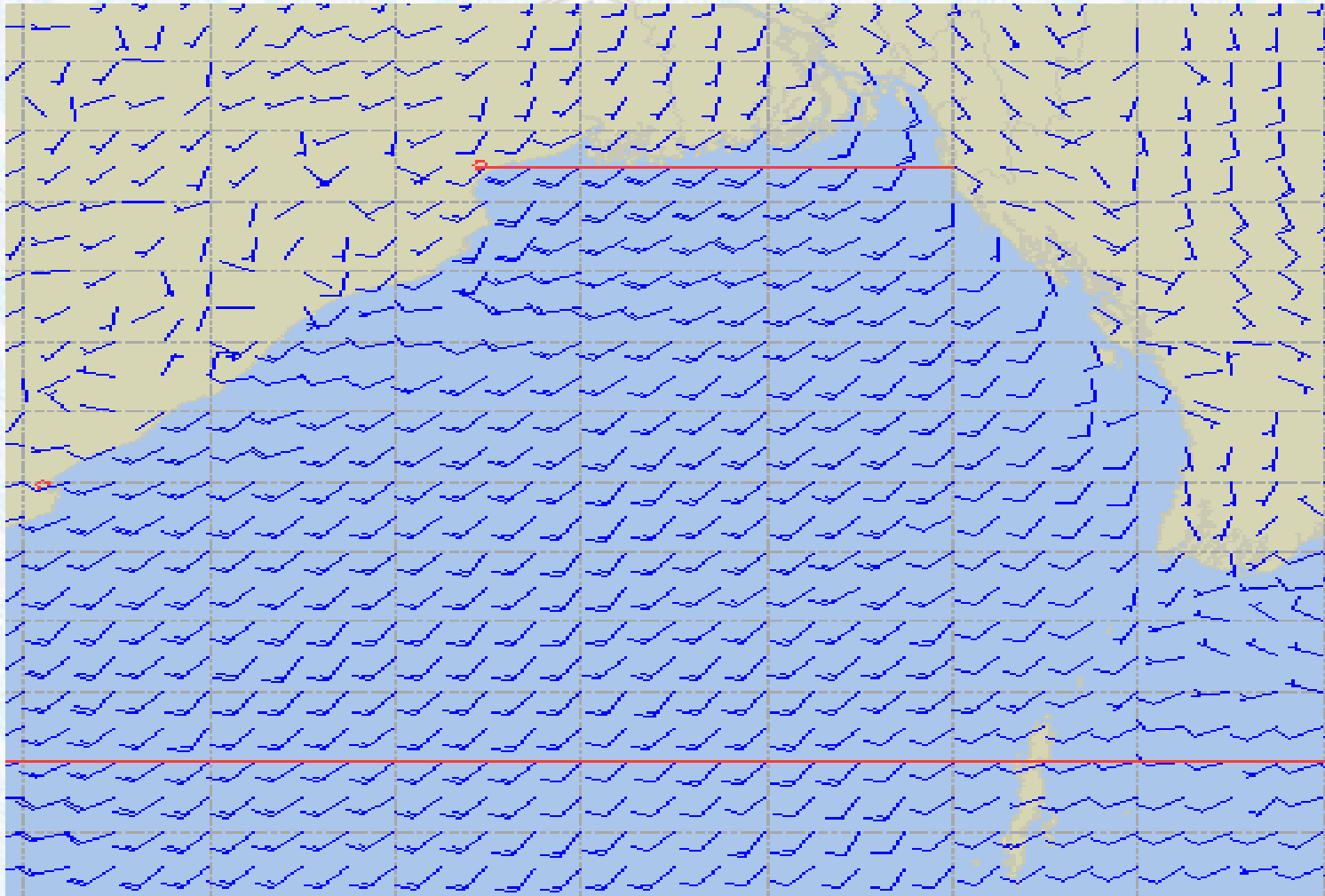
Inland River Port Warning **(VALID TILL 07 PM OF 12.07.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-WESTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH** IS LIKELY TO OCCUR OVER THE REGIONS OF RAJSHAHI, RANGPUR, DINAJPUR, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COXS BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE (R) ONE.

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



Surface Wind Forecast- 13 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



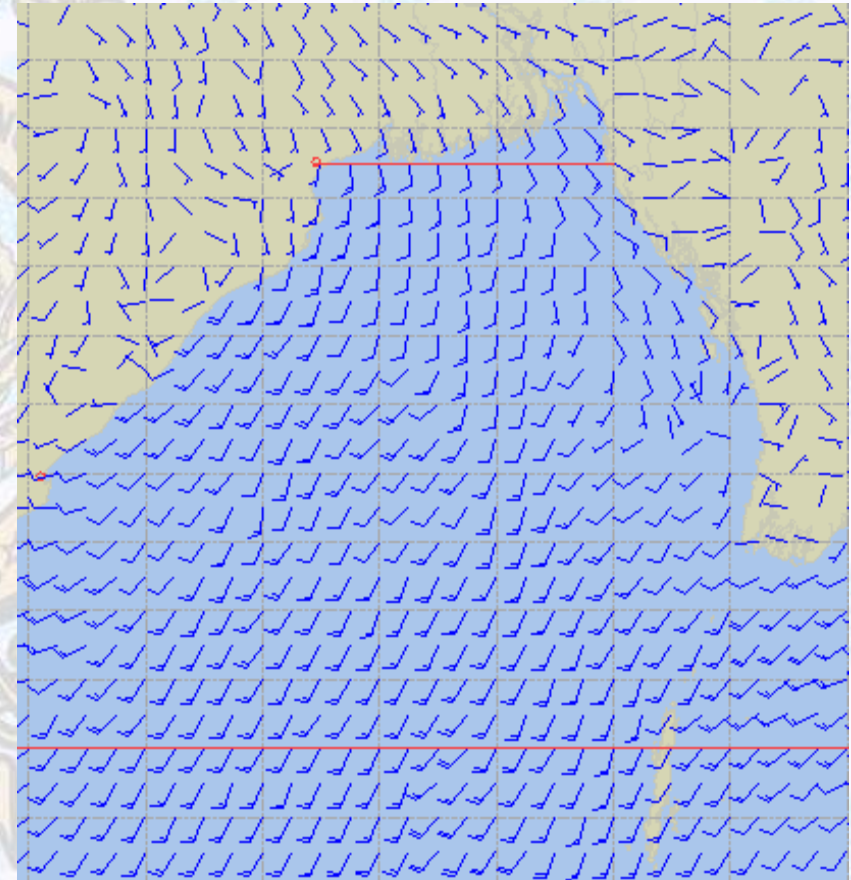
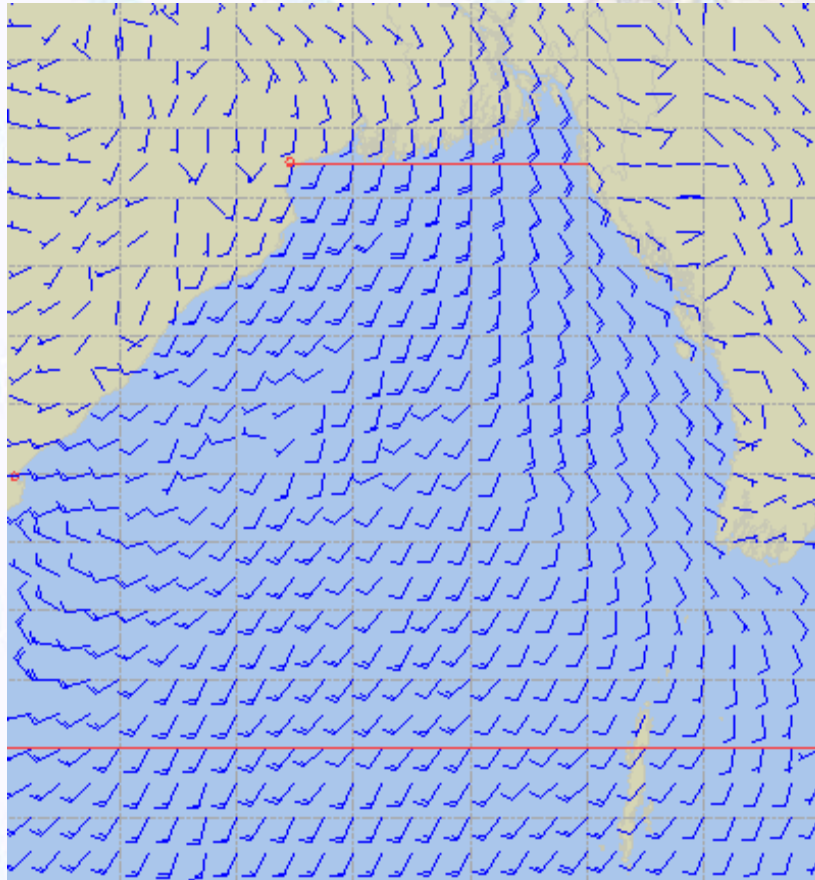
60 Knots



Surface Wind Forecast – 14 & 15 July - 2020

14 July 2020 Tuesday

15 July 2020 Wednesday



Legend:



**Calm
Winds**



5 Knots



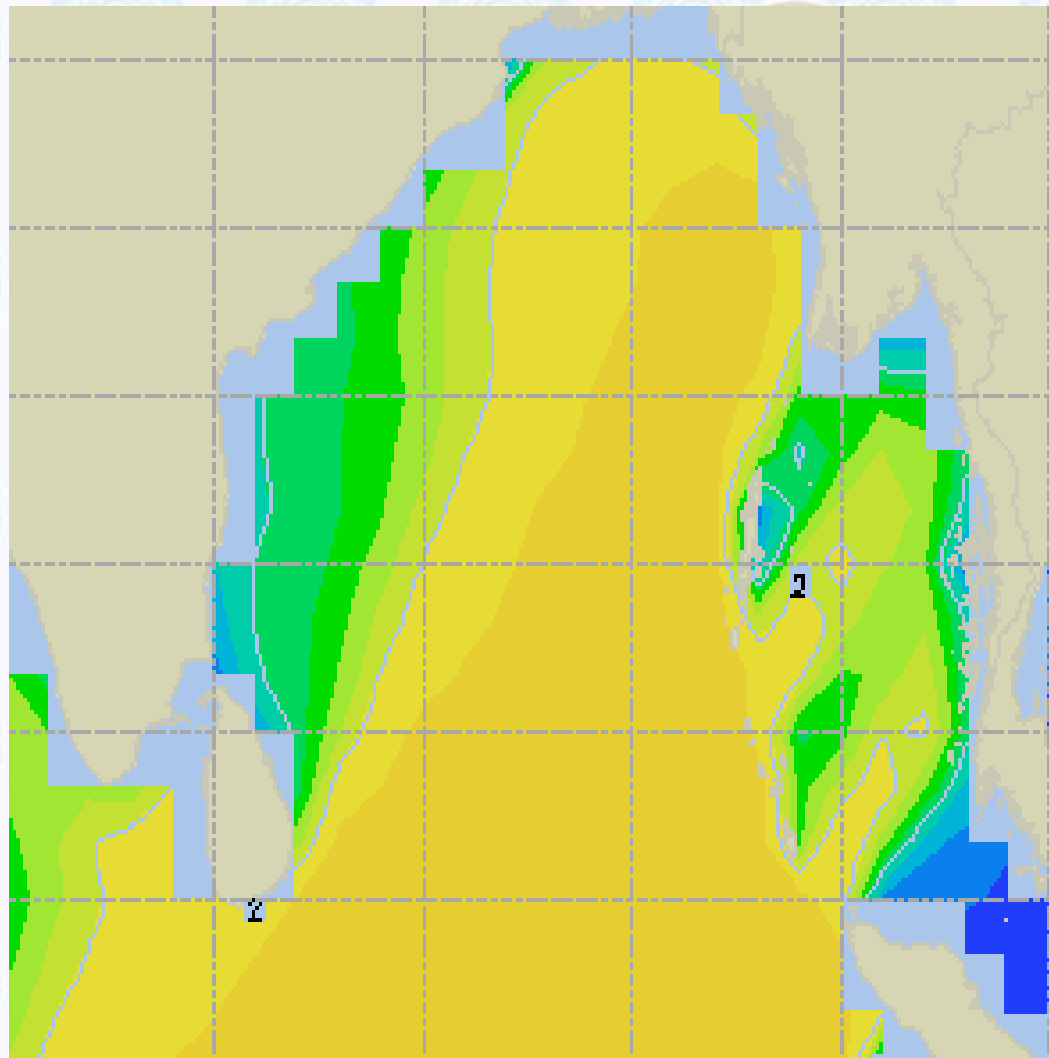
10 Knots



60 Knots



Sea State Forecast – 13 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

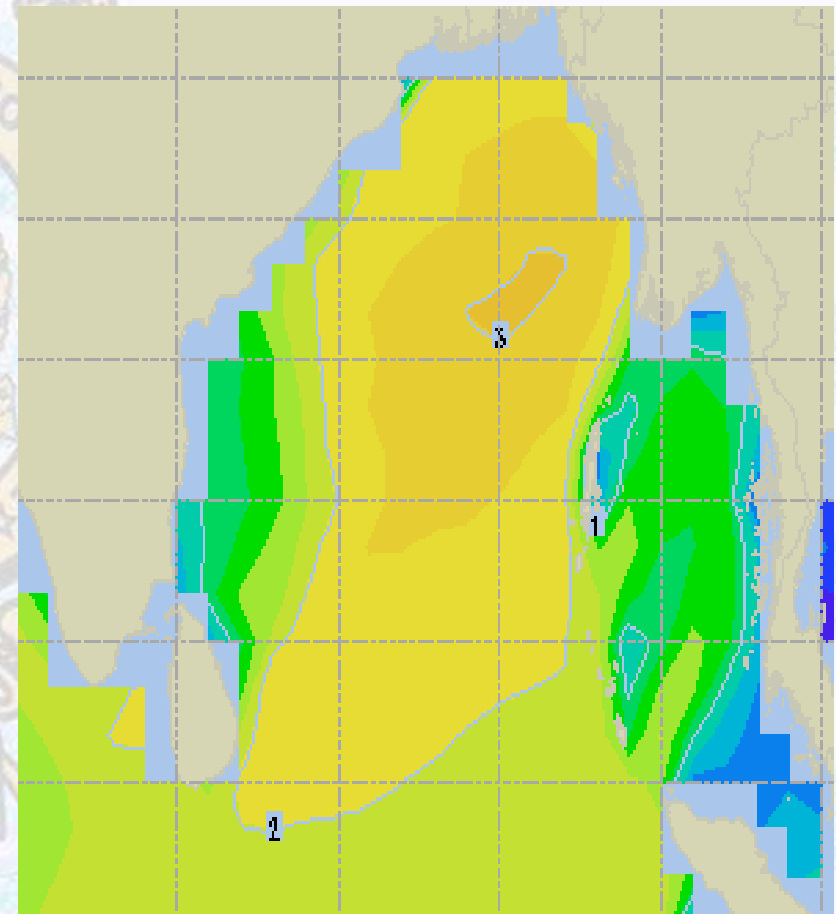
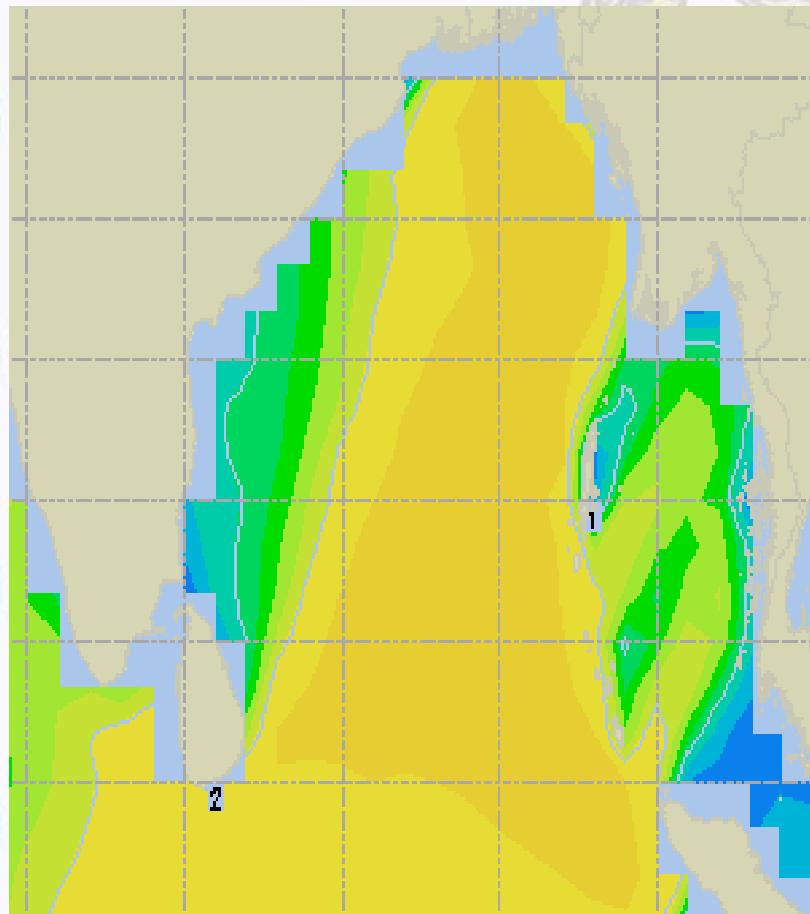




Sea State Forecast – 14 & 15 July - 2020

14 July 2020 Tuesday

15 July 2020 Wednesday

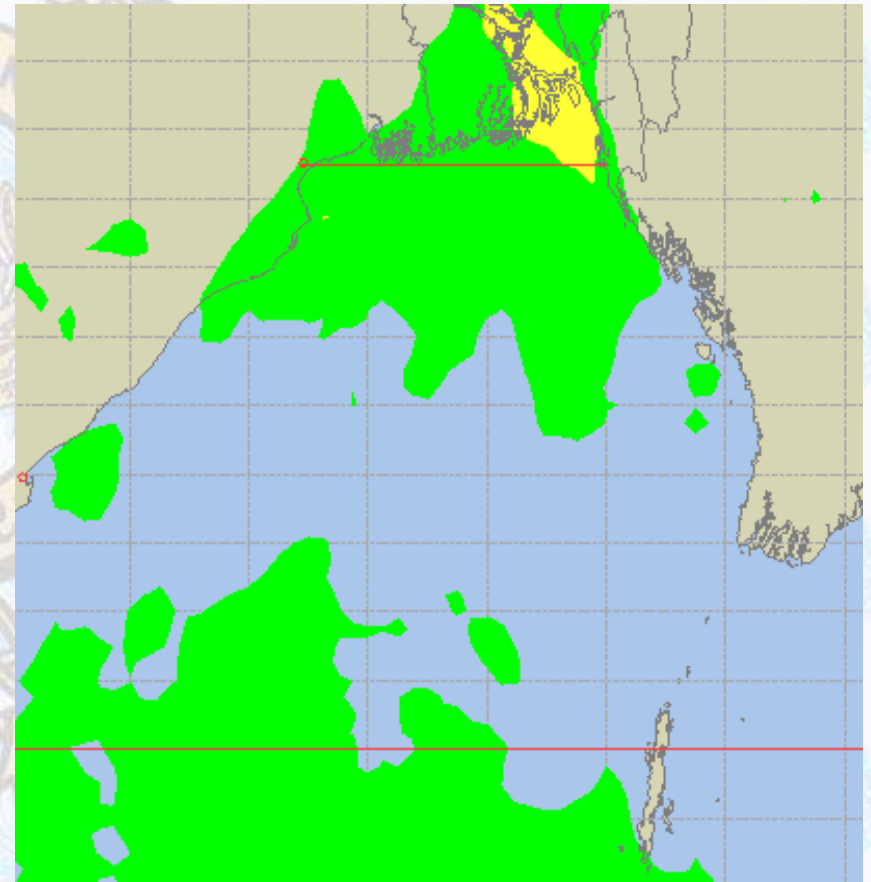
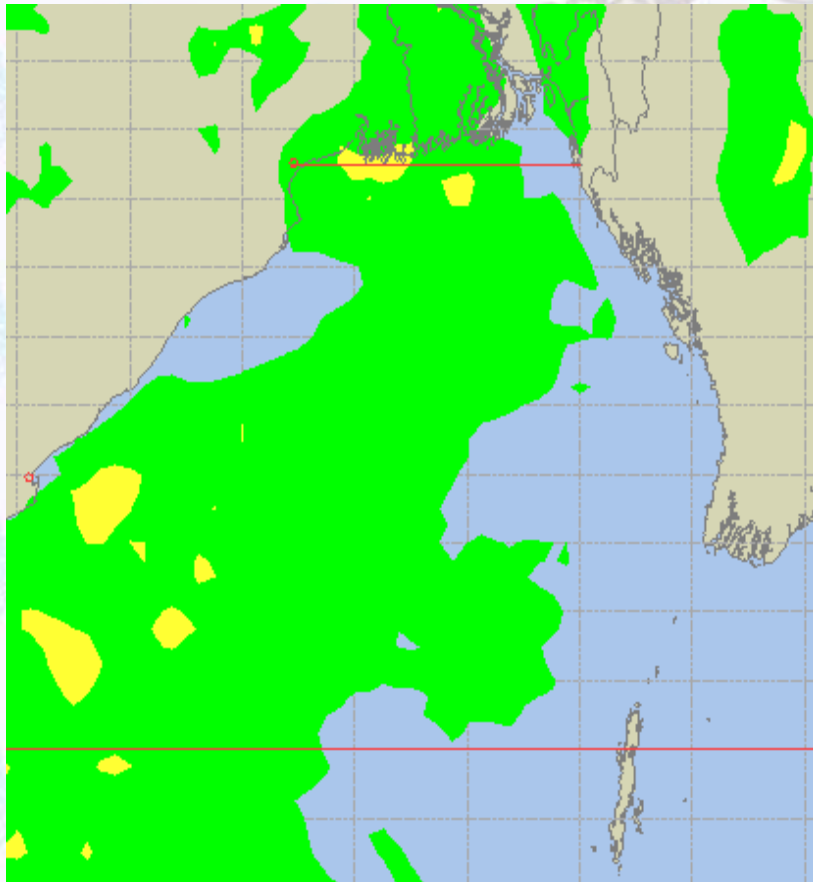




Peak Gusting Possibilities— 13 & 14 July 2020

13 July 2020 Monday

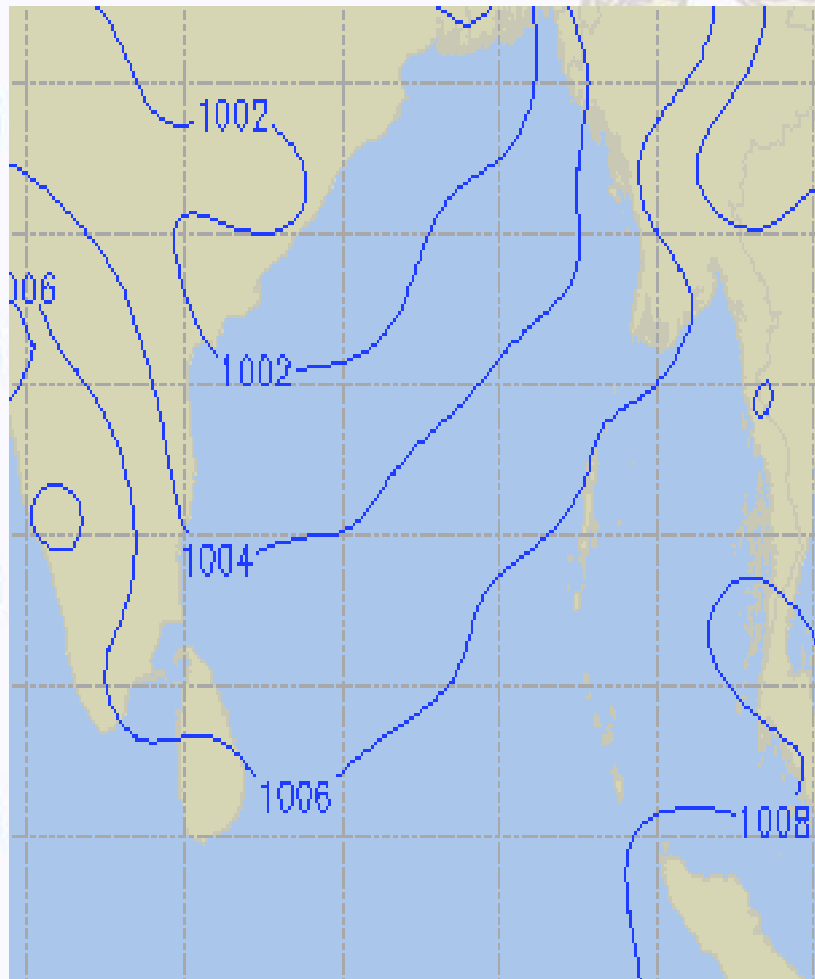
14 July 2020 Tuesday



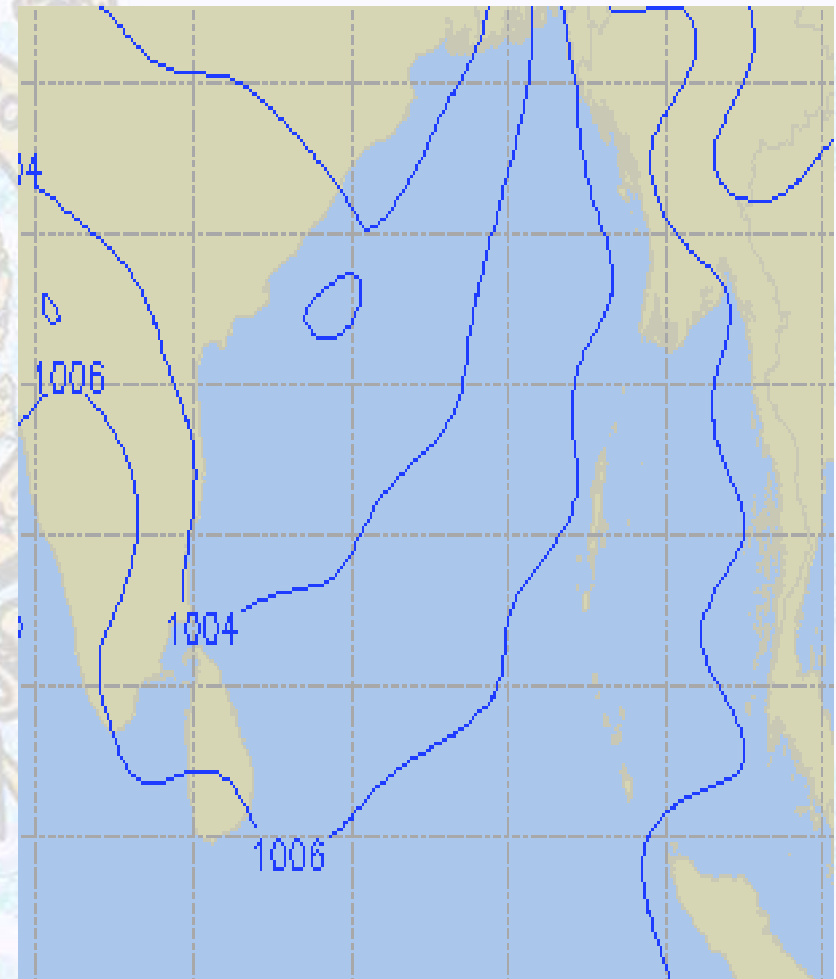


Surface Pressure forecast– 13 & 14 July 2020

13 July 2020 Monday



14 July 2020 Tuesday

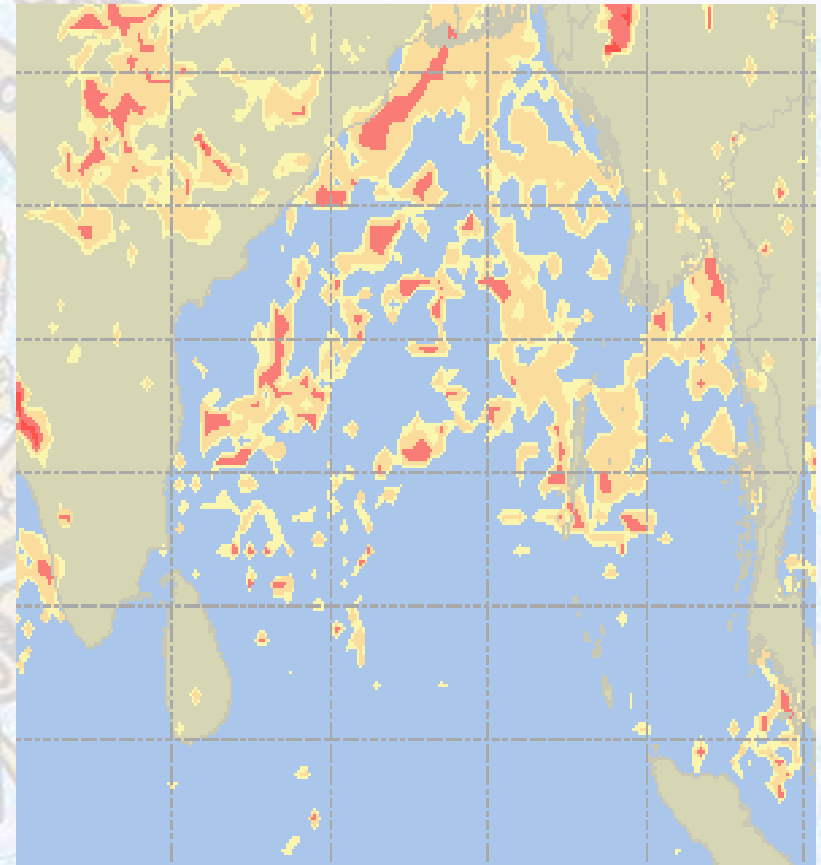
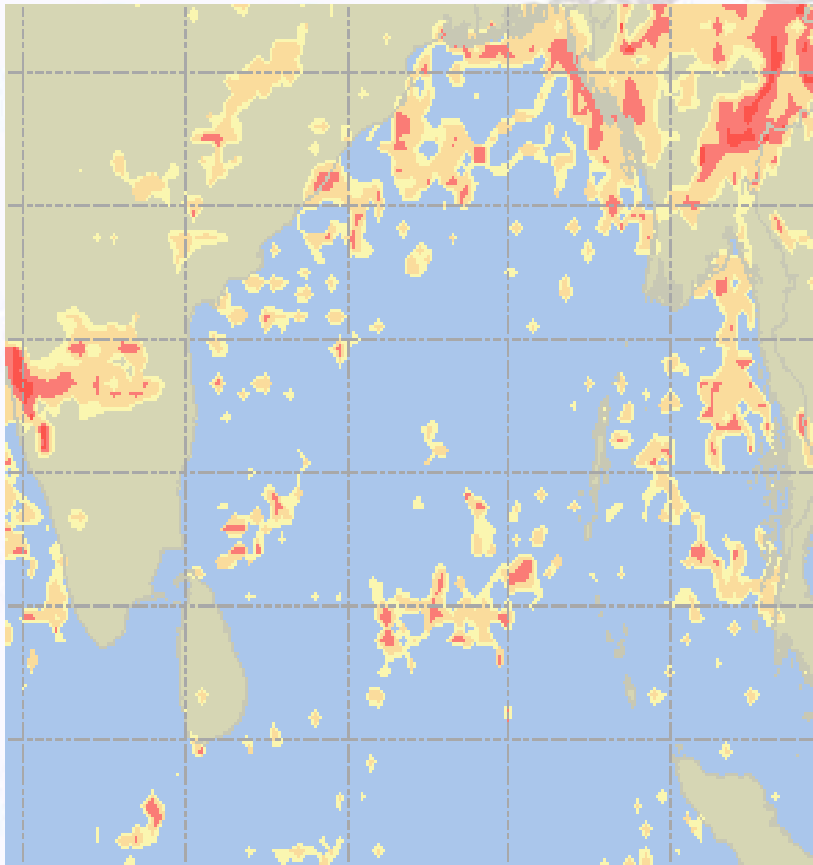




Visibility at Sea Forecast – 13 & 14 July- 2020

13 July 2020 Monday

14 July 2020 Tuesday



Visibility Scale:



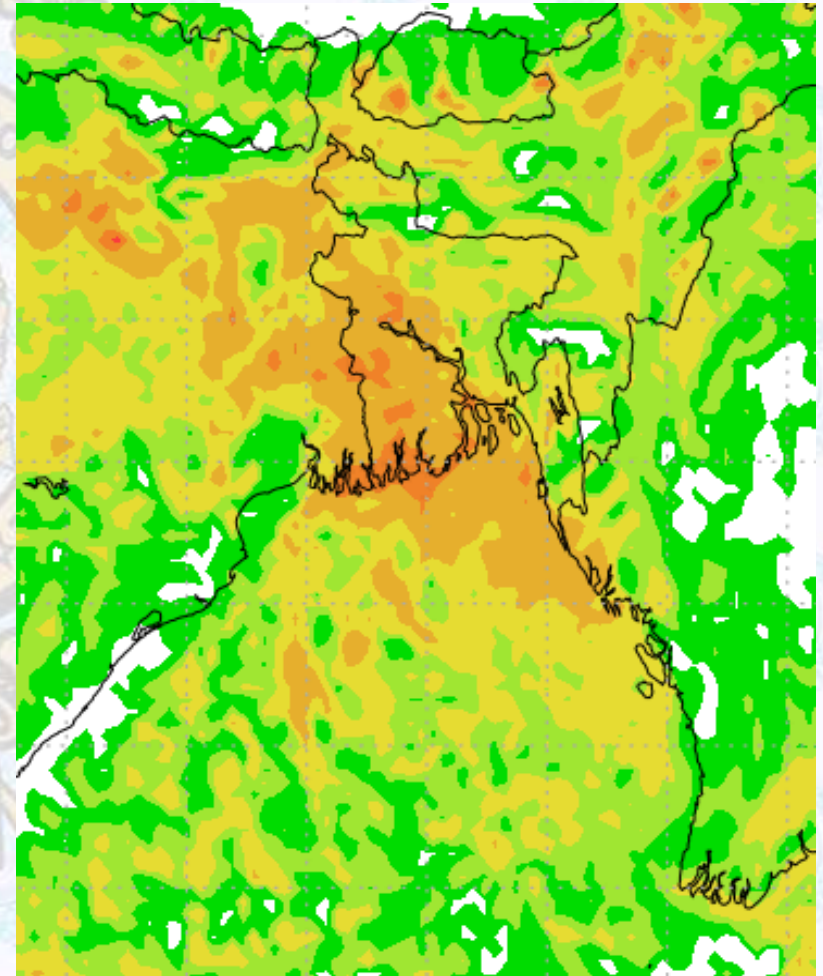
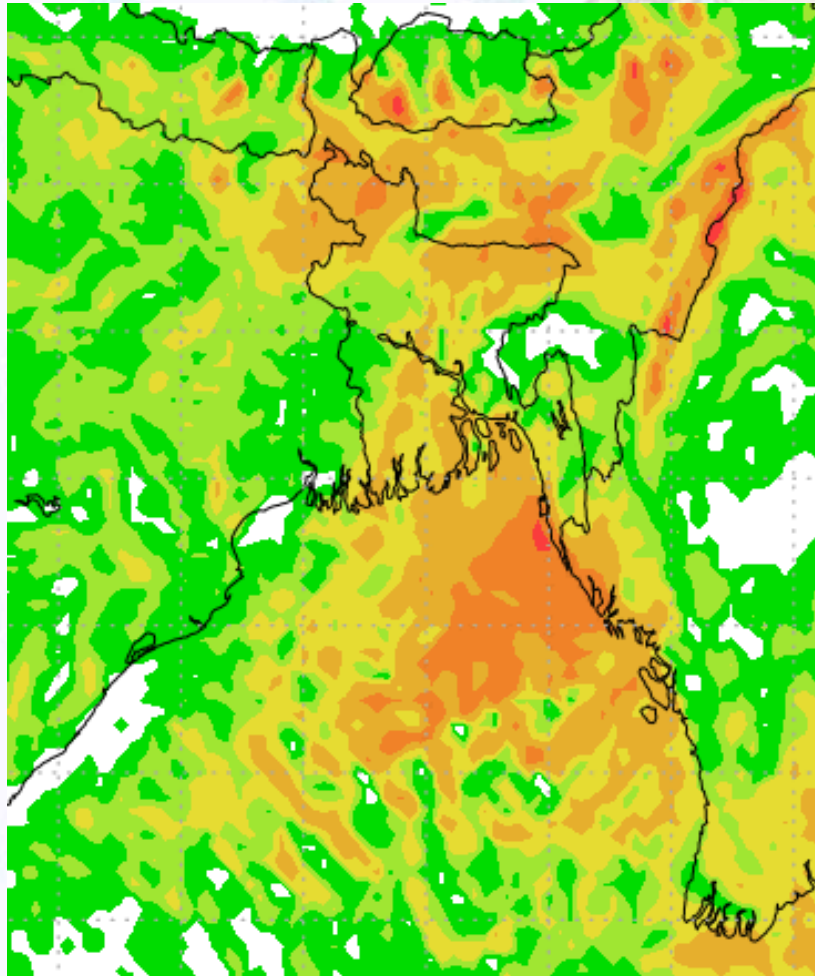
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 13 & 14 July 2020

Rain(mm) 14 & 15 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
12 July 2020	0012	1.32		0352	2.90		0330	2.83
	0624	4.54		1019	1.55		0935	1.65
	1238	1.64		1618	2.91		1535	2.83
	1843	4.39		2244	1.63		2203	1.46
13 July 2020	Time	Height		Time	Height		Time	Height
	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