



WEATHER FORECAST FOR BN

10 JULY - 13 JULY 2020





WEATHER FORECAST – DHAKA

10.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 26	32 / 26	29 / 25	29 / 25
Wind	20 km/h SSW	20 km/h SSW	18 km/h SSW	18 km/h S
Humidity	72%	72%	79%	81%
Chance of Precip	37%	32%	31%	35%
Cloud Cover	92%	95%	93%	94%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 18 AM 6: 49 PM			

Conditions

Pressure : 1002 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

10.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 26
Wind	22 km/h SSW	20 km/h SSW	18 km/h S	18 km/h S
Humidity	87%	87%	89%	91%
Chance of Precip.	45%	40%	79%	83%
Cloud Cover	90%	85%	88%	91%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 15 AM			
Sunset	6: 40 PM			

Conditions

Pressure : 1005 hpa

Visibility : 6.44 Km

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



WEATHER FORECAST – KHULNA

10.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 28	31 / 27	30 / 27	29 / 27
Wind	22 km/h SSW	22 km/h SSW	17 km/h SSW	16 km/h SSW
Humidity	81%	80%	86%	90%
Chance of Precip.	24%	15%	15%	35%
Cloud Cover	81%	87%	85%	82%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise Sunset	5: 23 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	11 July 2020	12 July 2020	13 July 2020
Temperature (C)	30 °C/ 27 °C	30 °C/ 26 °C	29 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h18m36s/18h49m24s	5h18m54s/18h49m12s	5h19m12s/18h49m00s
Day Length	13h30m48s	13h30m18s	13h29m48s
Moon Rise/ Set	11:14 PM 10:38 AM	11:45 PM 11:29 AM	00:00 PM 00:00 AM
Moon Phase/ illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 99%
NauticalTwilight	0423,1944	0424,1943	0425,1942
Civil Twilight	0453,1914	0454,1913	0454,1913
Humidity	D : 81% N : 86%	D : 81% N : 87%	D : 83% N : 86%
Barometer (mb)	1001	1001	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	100%	90%
Wind (mph)	18 Km/h SSW	15 Km/h SSW	17 Km/h S

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	11 July 2020	12 July 2020	13 July 2020
Temperature (C)	29 °C/ 26 °C	29 °C/ 26 °C	28 °C/ 25 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h16m00s/18h40m30s	5h16m18s/18h40m24s	5h16m36s/18h40m18s
Day Length	13h24m30s	13h24m06s	13h23m42s
Moon Rise/ Set	11:07 PM 10:33 AM	11:40 PM 11:23 AM	00:00 PM 00:00 AM
Moon Phase/ illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 99%
NauticalTwilight	0421, 1934	0422, 1934	0423, 1933
Civil Twilight	0451, 1905	0451, 1904	0451, 1904
Humidity	D : 89% N : 93%	D : 91% N : 95%	D : 91% N : 95%
Barometer (mb)	1004	1004	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	100%	90%
Wind (mph)	20 Km/h S	18 Km/h S	15 Km/h SSE

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



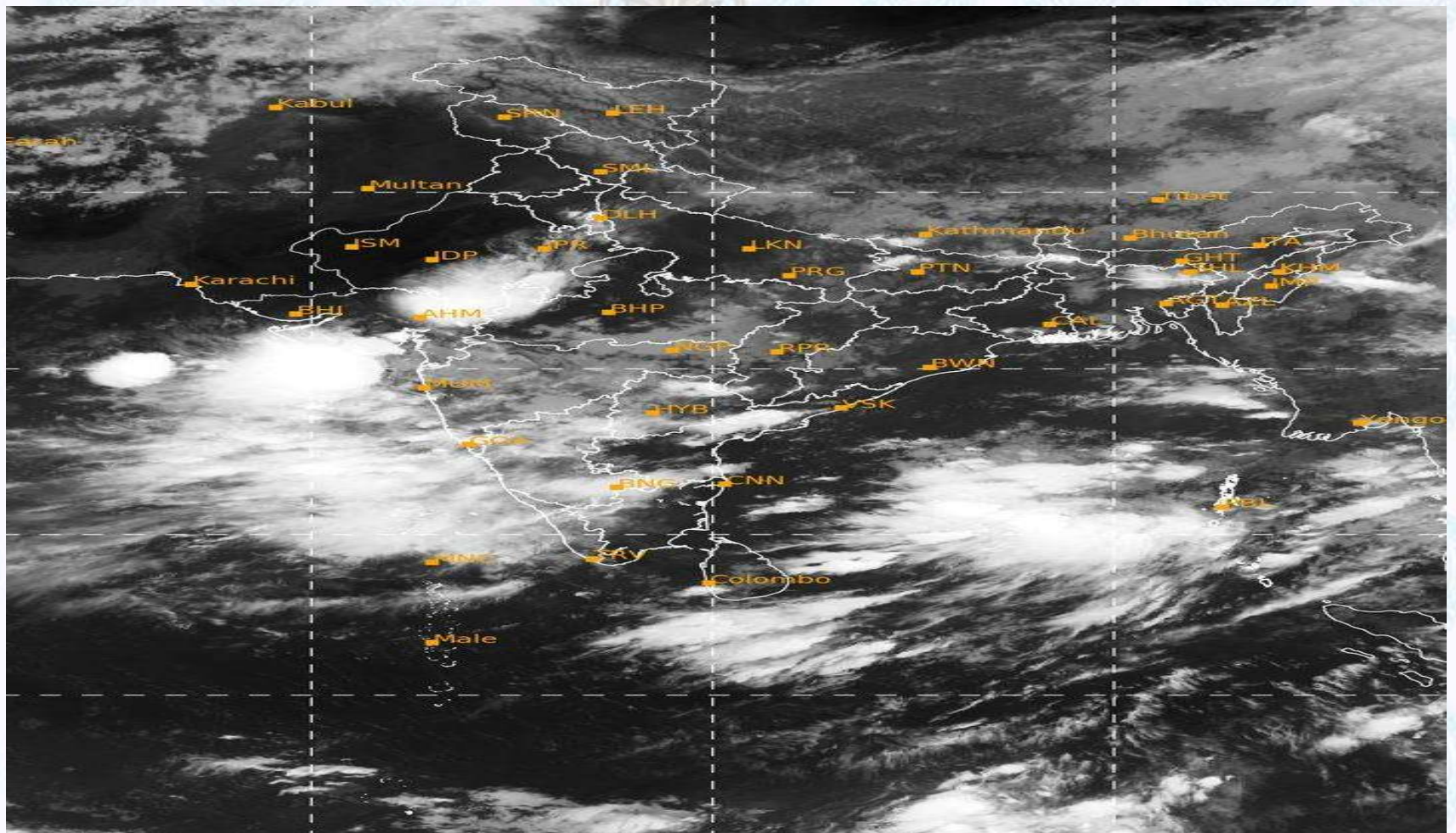
GENERAL WEATHER FORECAST – KHULNA

Description	11 July 2020	12 July 2020	13 July 2020
Temperature(C)	31°C/ 27°C	31°C/ 26°C	30°C/ 26°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h24m00s/18h50m42s	5h24m24s/18h50m36s	5h24m42s/18h50m24s
Day Length	13h26m42s	13h26m12s	13h25m42s
Moon Rise/Set	11:18 PM 10:43 AM	11:50 PM 11:33 AM	00:00 PM 00:00 AM
Moon Phase/illu	Waning Gibbous, 64%	Waning Gibbous, 54%	Last Quarter, 99%
Nautical Twilight	0429, 1944	0430, 1944	0431, 1944
Civil Twilight	0459, 1915	0459, 1915	0459, 1915
Humidity	D : 82% N : 88%	D : 84% N : 90%	D : 85% N : 89%
Barometer (mb)	1000	1000	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	80%
Wind (mph)	17 km/h SW	15 km/h SSW	15 km/h S

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



SATELLITE VIEW OF BAY OF BENGAL

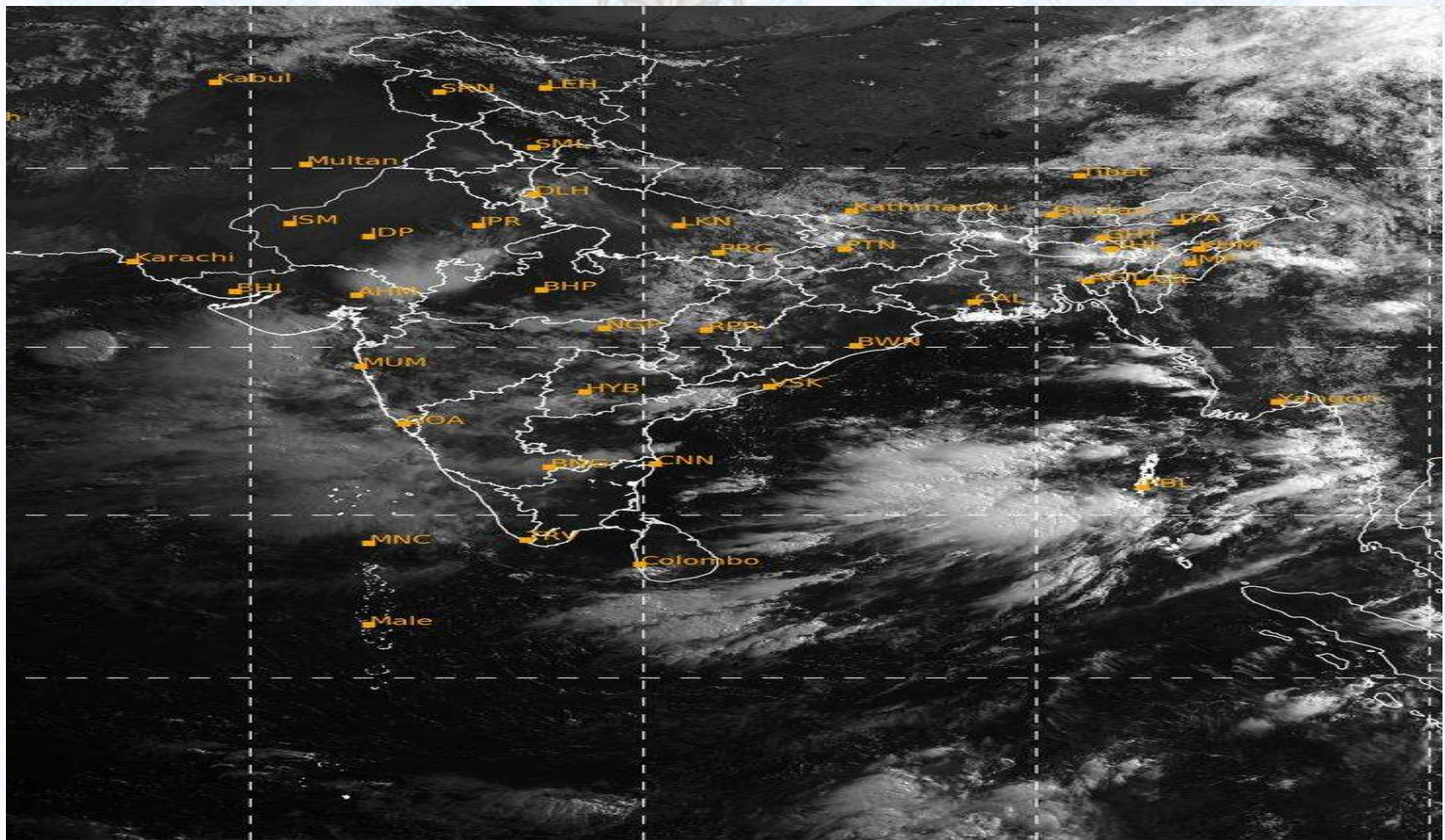


10/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



10/07/2020, 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 10.07.2020)

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	SOUTH / SOUTH-WESTERLY, 12-18 KTS, TEMPORARY GUSTING TO 22 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 10, 0000 UTC. CHATTOGRAM =1005 HPA



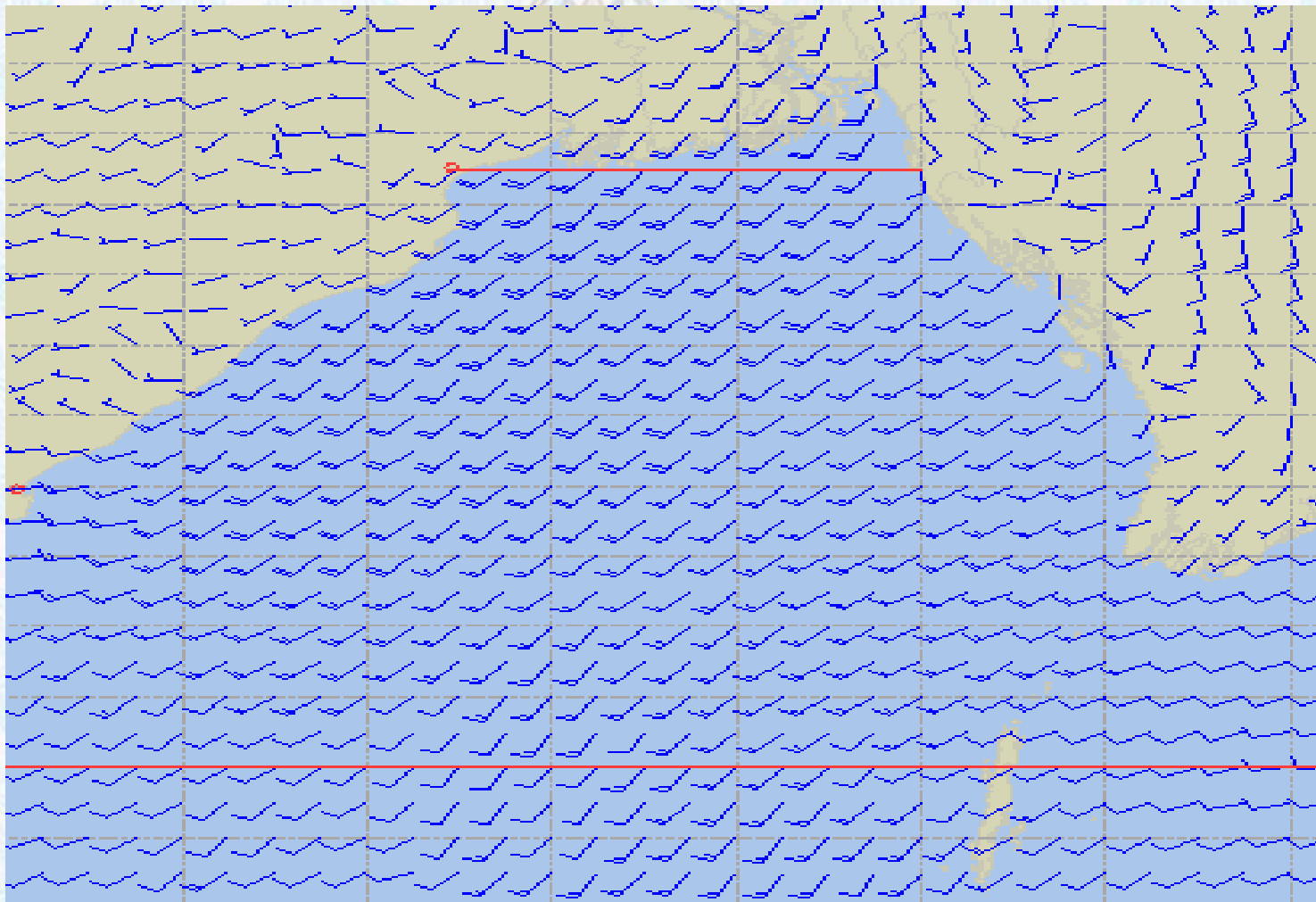
Inland River Port Warning **(VALID TILL 07 PM OF 10.07.2020)**

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 RANGPUR, RAJSHAHI, PABNA, BOGURA, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, CUMILLA, NOAKHALI, 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- 11 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



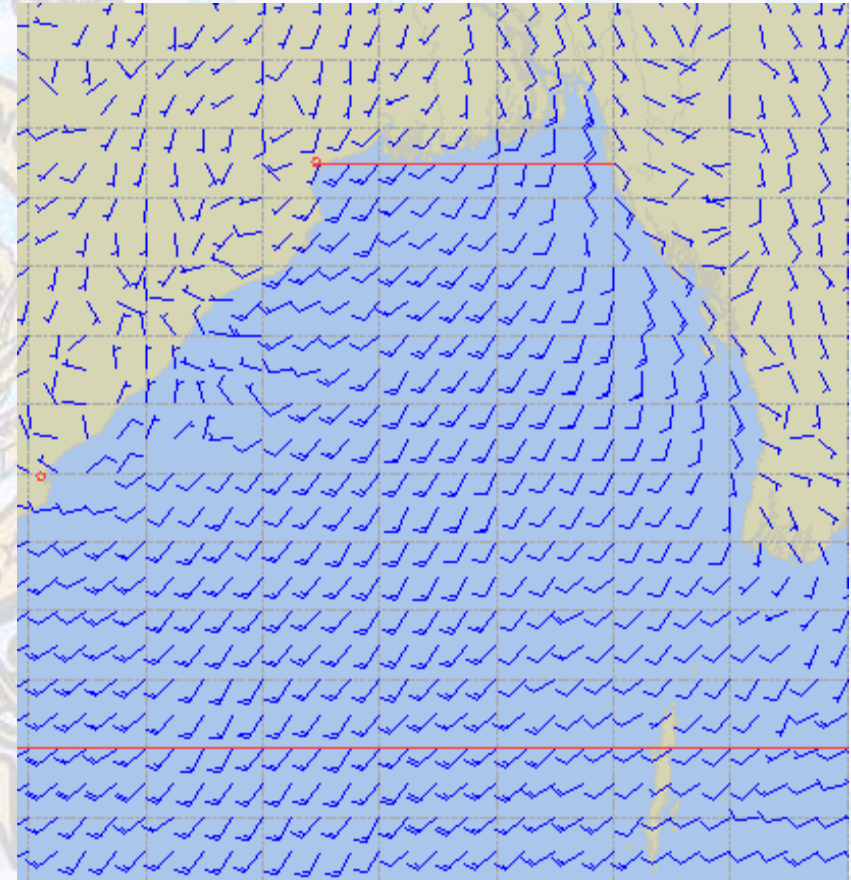
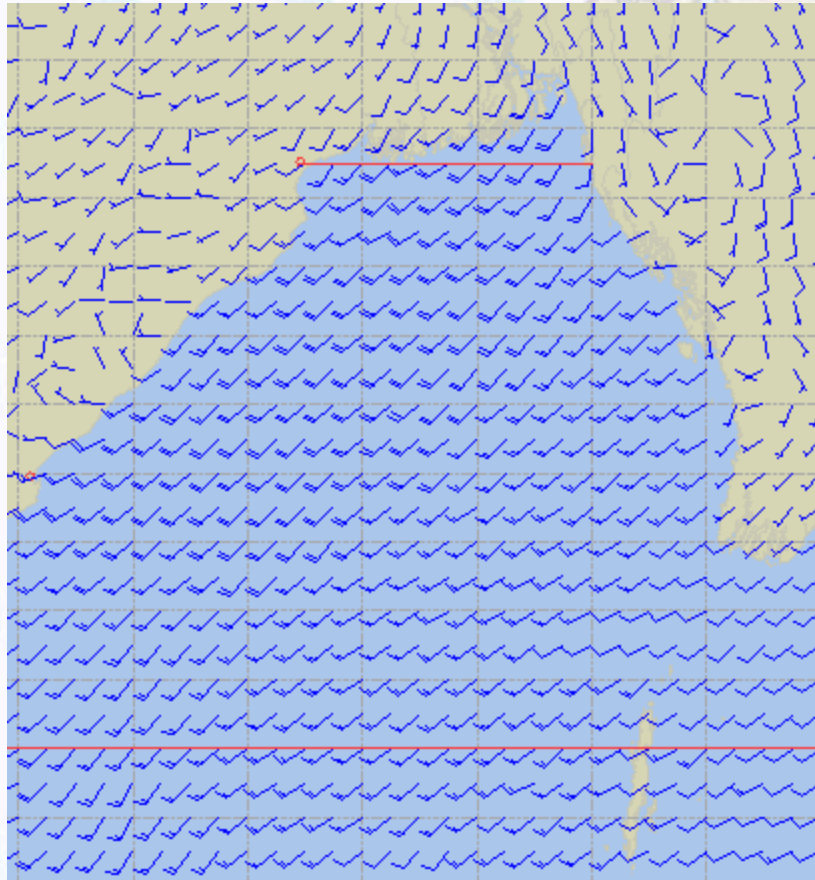
60 Knots



Surface Wind Forecast – 12 & 13 July - 2020

12 July 2020 Sunday

13 July 2020 Monday



Legend:



**Calm
Winds**



5 Knots



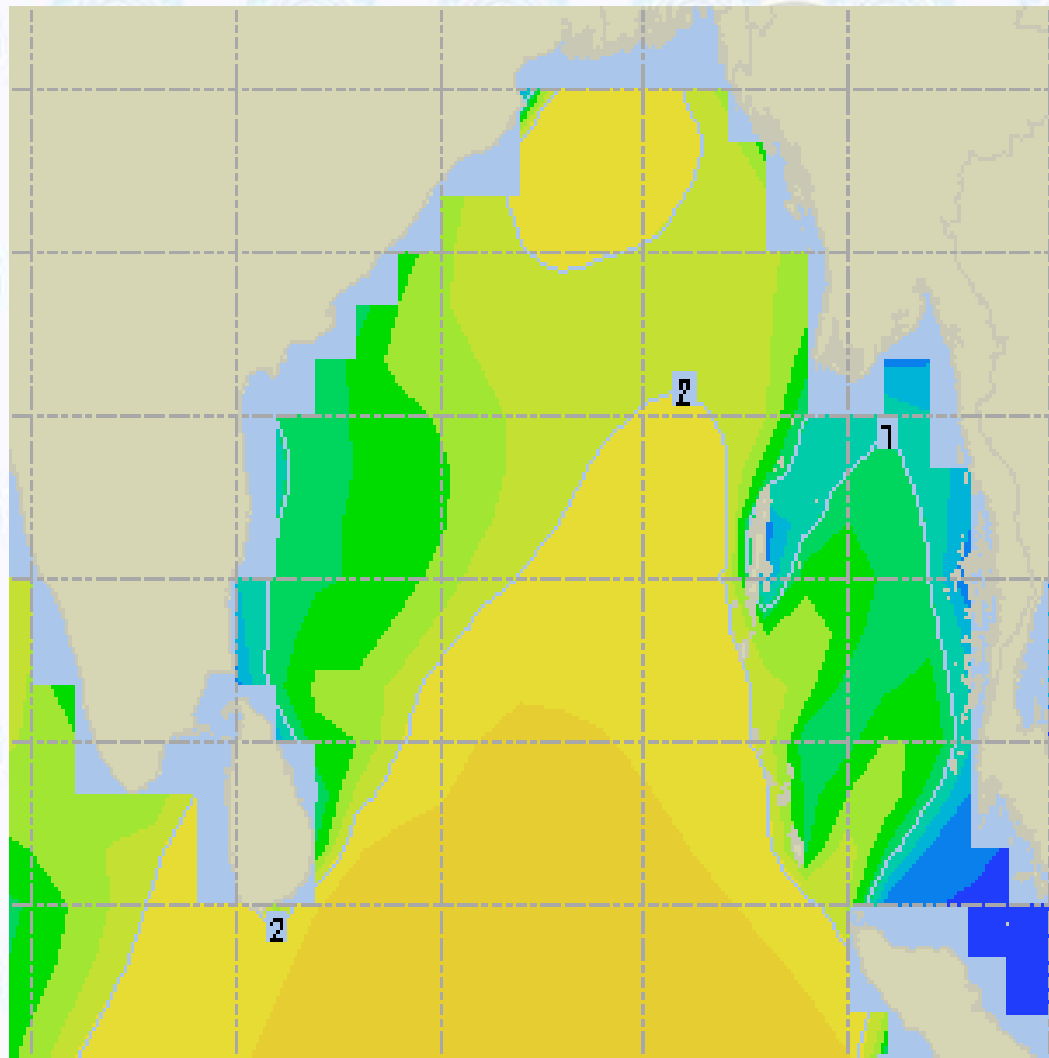
10 Knots



60 Knots



Sea State Forecast – 11 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

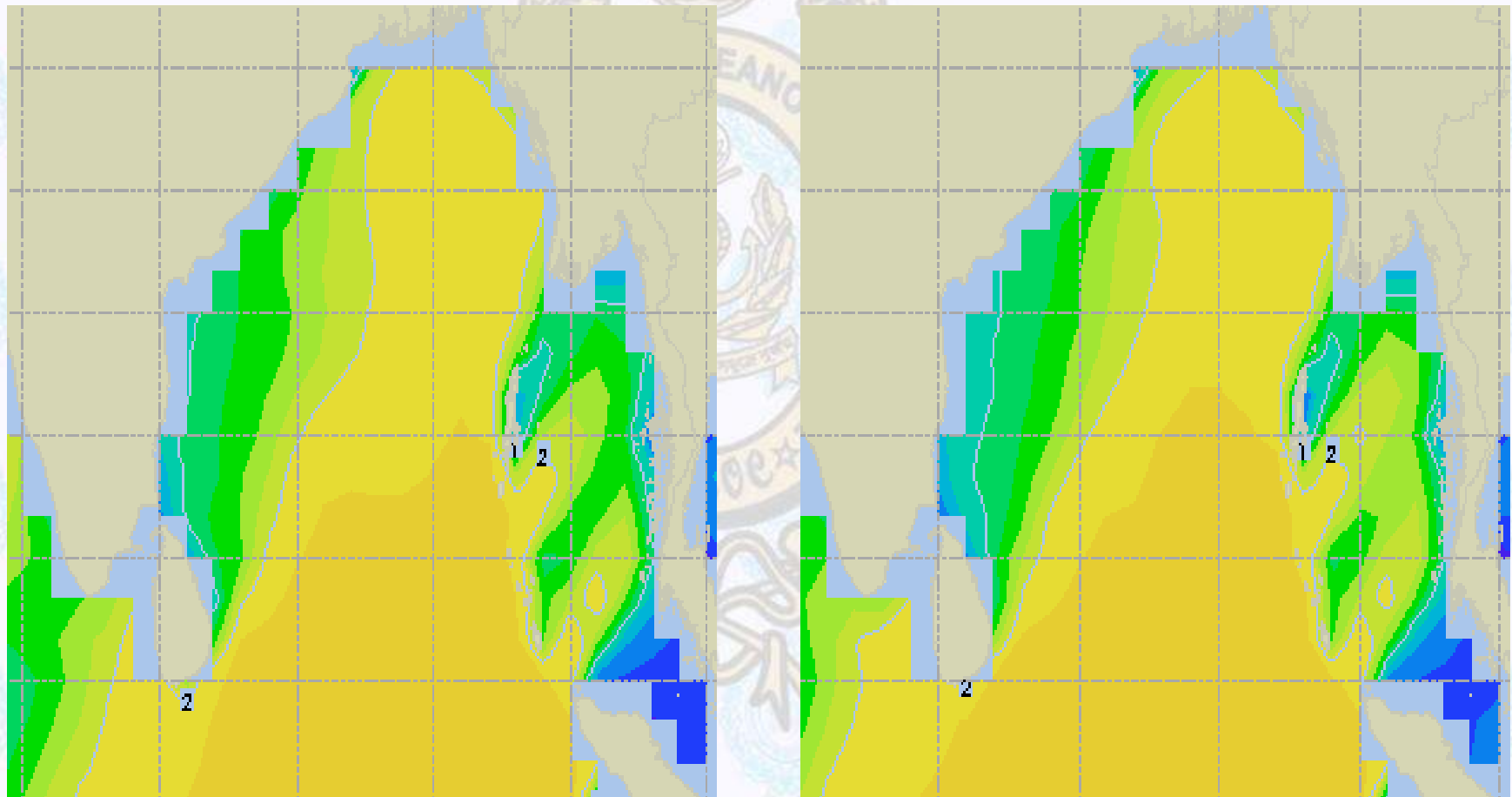




Sea State Forecast – 12 & 13 July - 2020

12 July 2020 Sunday

13 July 2020 Monday

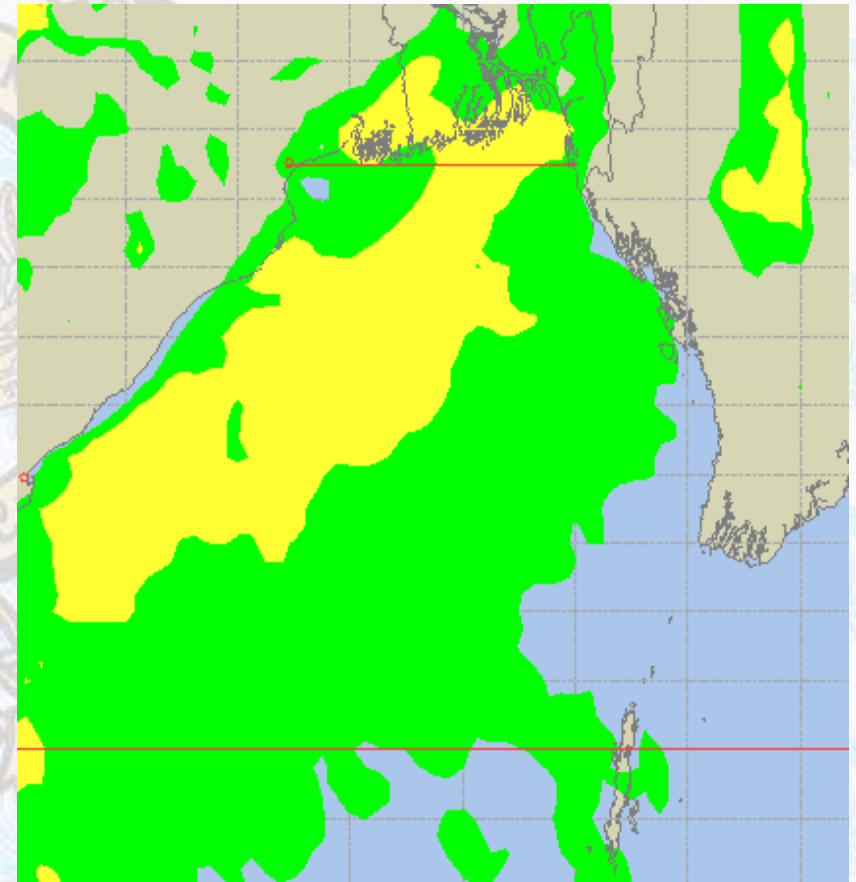
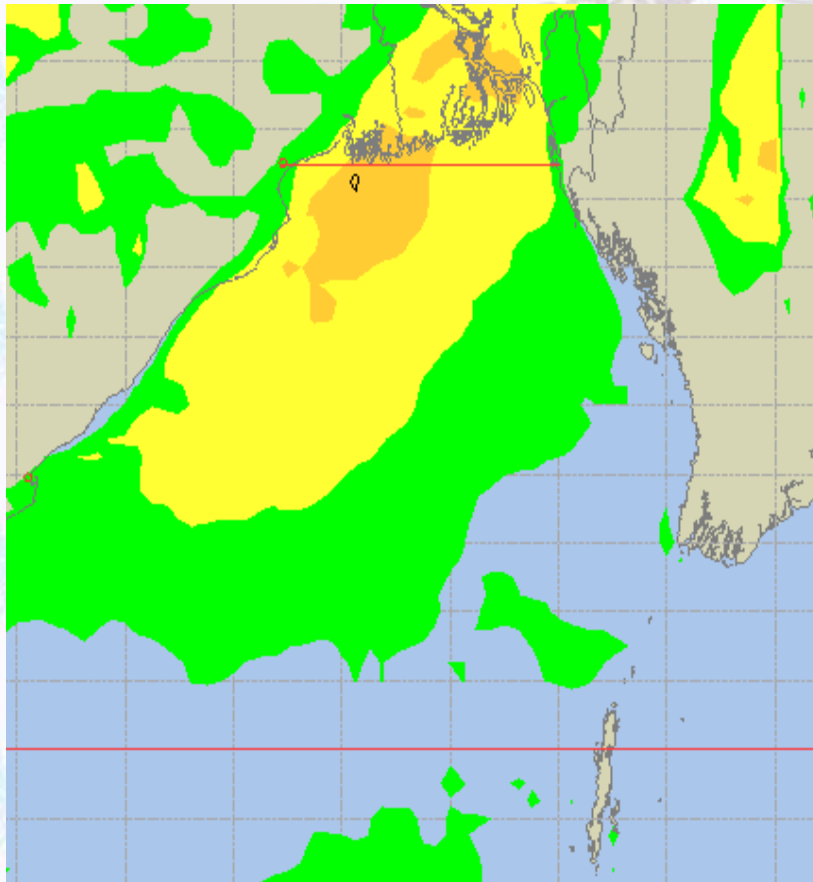




Peak Gusting Possibilities— 11 & 12 July 2020

11 July 2020 Saturday

12 July 2020 Sunday

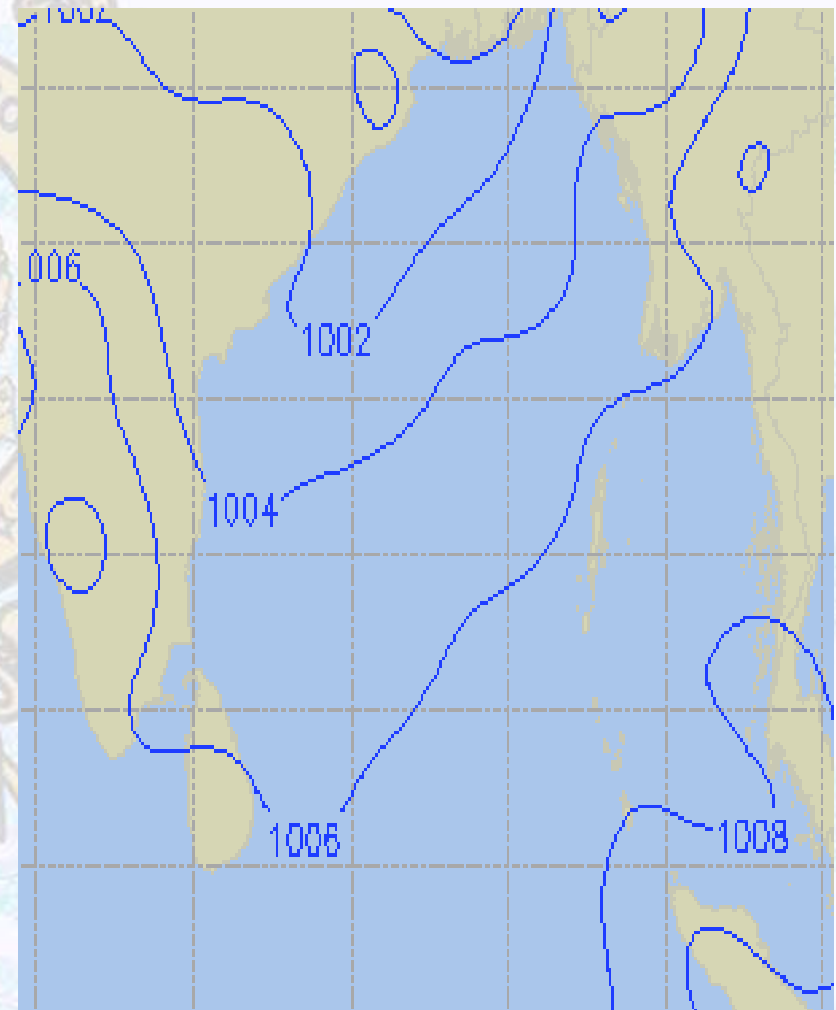
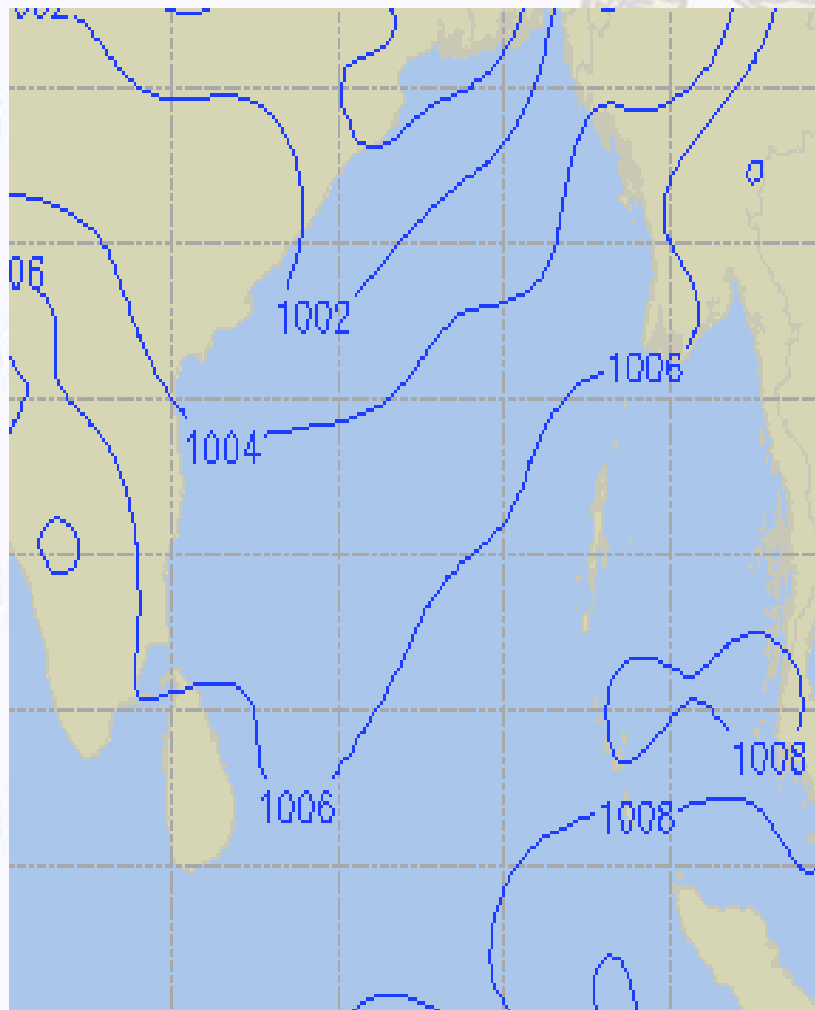




Surface Pressure forecast– 11 & 12 July 2020

11 July 2020 Saturday

12 July 2020 Sunday

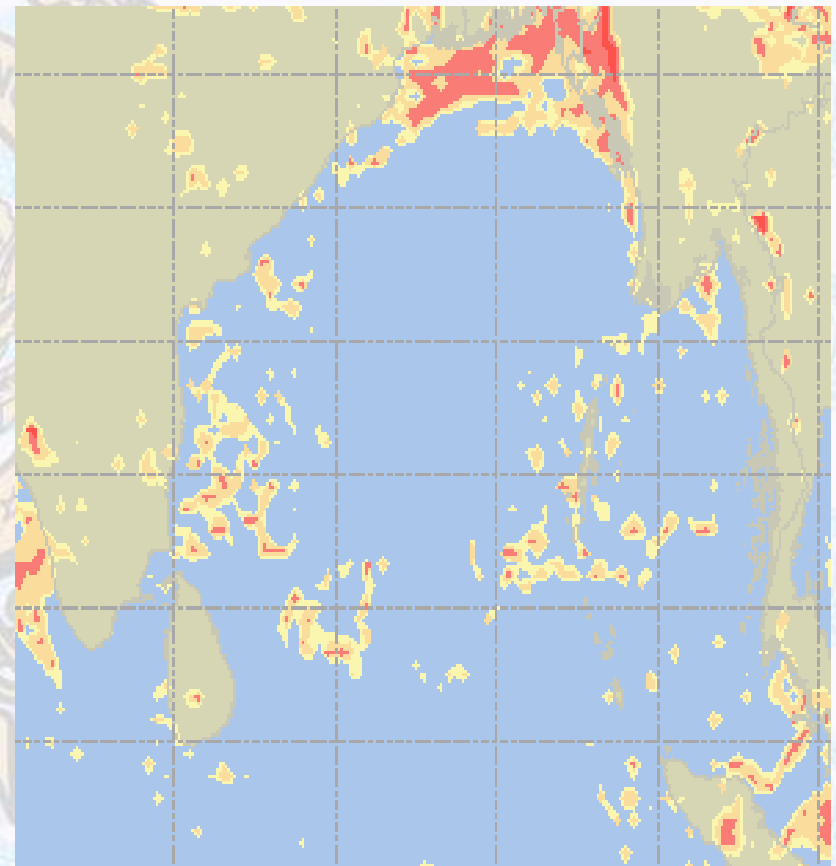
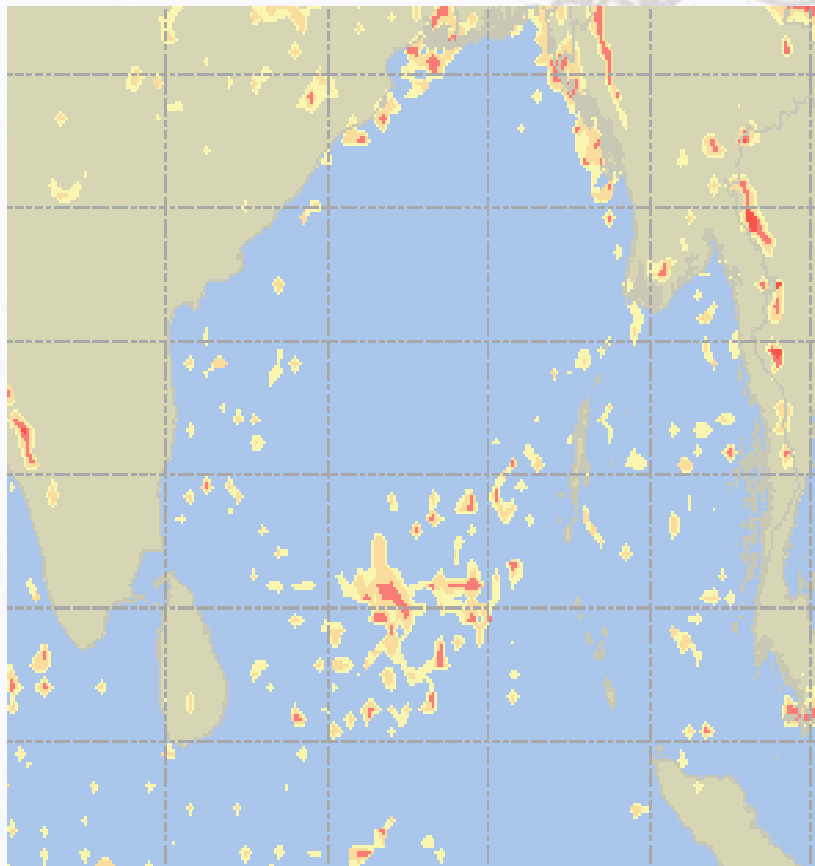




Visibility at Sea Forecast – 11 & 12 July- 2020

11 July 2020 Saturday

12 July 2020 Sunday



Visibility Scale:

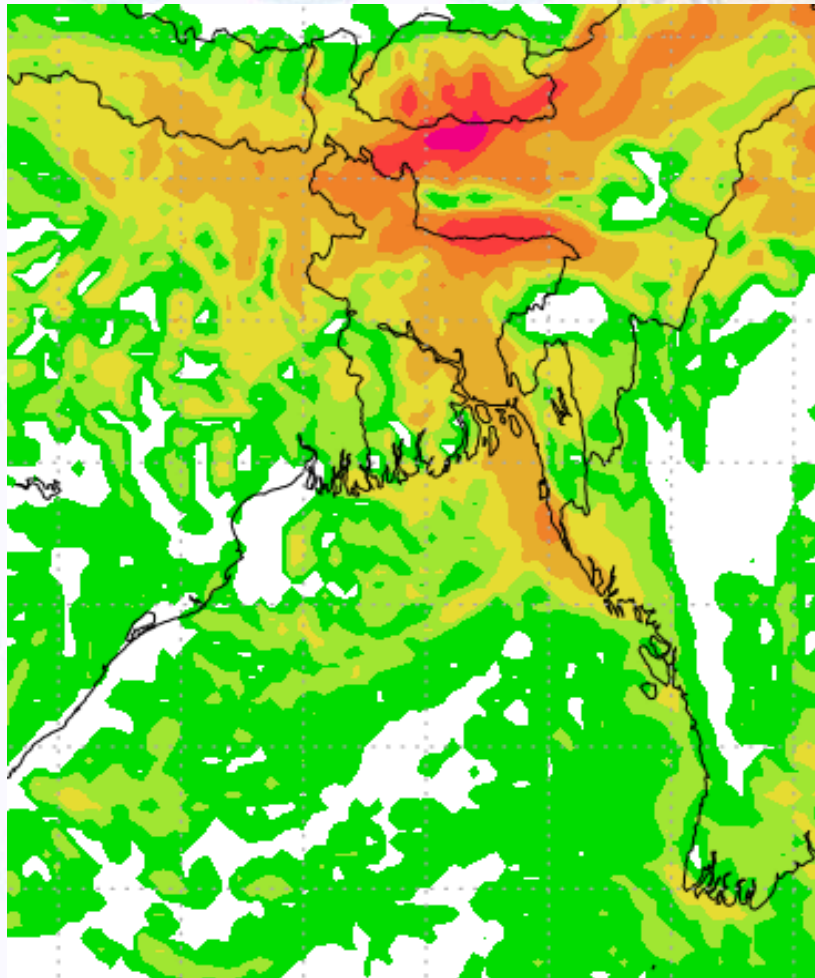


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

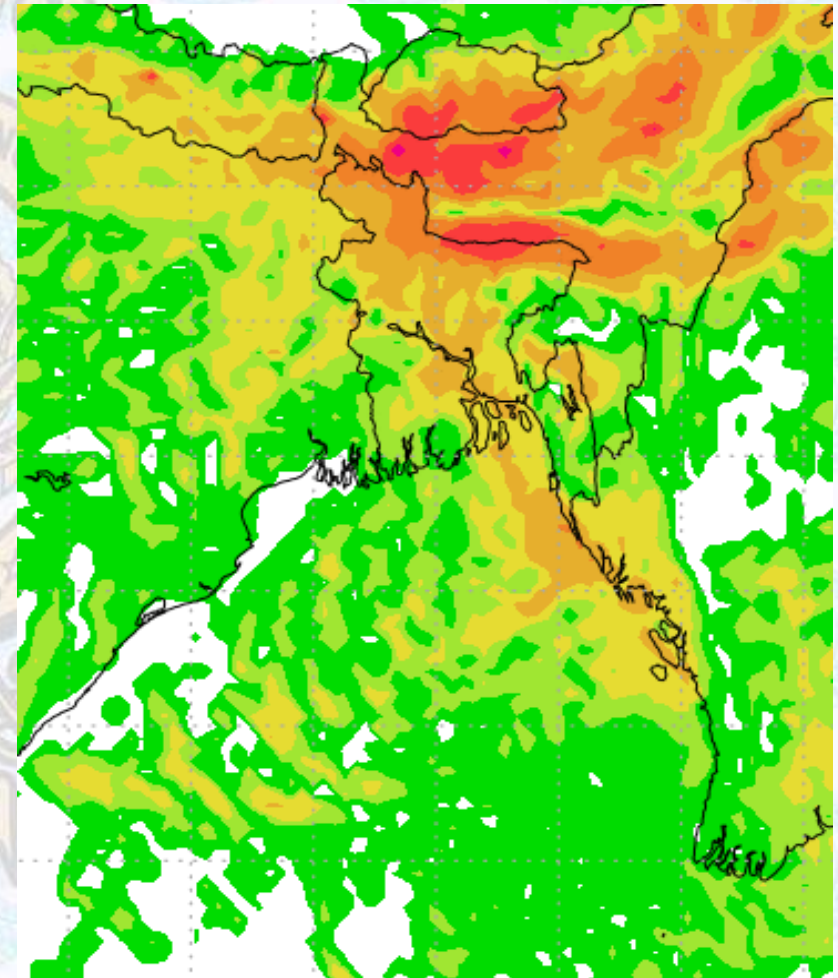


Precipitation

Rain(mm) 11 & 12 July 2020



Rain(mm) 12 & 13 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

Date	Time	Height		Time	Height		Time	Height
10 July 2020	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
11 July 2020	0443	4.85		0215	3.13		0158	2.97
	1056	1.25		0843	1.34		0802	1.40
	1656	4.95		1438	3.28		1405	3.11
	2326	1.15		2104	1.46		2035	1.31
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