



WEATHER FORECAST FOR BN

11 JULY - 14 JULY 2020



WEATHER FORECAST – DHAKA

11.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30/ 26	31 / 26	29 / 25	29 / 26
Wind	16 km/h SSW	17 km/h SSW	13 km/h S	14 km/h S
Humidity	79%	77%	83%	84%
Chance of Precip	97%	51%	60%	66%
Cloud Cover	95%	94%	95%	95%
Conditions	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain	Cloudy/Light Rain
Sunrise	5: 18 AM			
Sunset	6: 49 PM			

Conditions

Pressure : 1001 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

11.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 26	28 / 26
Wind	20 km/h SSW	20 km/h S	17 km/h S	16 km/h SSE
Humidity	89%	87%	90%	93%
Chance of Precip.	42%	41%	83%	93%
Cloud Cover	96%	93%	94%	95%
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

11.07.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 28	31/ 27	29 / 27	29 / 27
Wind	18 km/h SSW	17 km/h SSW	12 km/h SSW	12 km/h SSW
Humidity	84%	82%	88%	90%
Chance of Precip.	35%	15%	24%	34%
Cloud Cover	93%	92%	91%	92%
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	12 July 2020	13 July 2020	14 July 2020
Temperature (C)	30 °C/ 27 °C	29 °C/ 26 °C	29 °C/ 27 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h18m54s/18h49m12s	5h19m12s/18h49m00s	5h19m36s/18h48m48s
Day Length	13h30m18s	13h29m48s	13h29m12s
Moon Rise/ Set	11:45 PM 11:29 AM	00:00 PM 00:00 AM	12:17 PM 1:06 AM
Moon Phase/ illu	Waning Gibbous, 54%	Last Quarter, 97%	Waning Gibbous, 35%
NauticalTwilight	0424,1943	0424,1943	0425,1943
Civil Twilight	0454,1913	0454,1913	0455,1913
Humidity	D : 83% N : 88%	D : 83% N : 88%	D : 82% N : 87%
Barometer (mb)	1002	1002	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	80%
Wind (mph)	14 Km/h SSW	16 Km/h S	15 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	12 July 2020	13 July 2020	14 July 2020
Temperature (C)	29° C/ 26° C	28° C/ 25° C	29° C/ 25° C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h16m18s/18h40m24s	5h16m36s/18h40m18s	5h16m54s/18h40m12s
Day Length	13h24m06s	13h23m42s	13h23m18s
Moon Rise/ Set	11:40 PM 11:23 AM	00:00 PM 00:00 AM	12:12 PM 1:01 AM
Moon Phase/ illu	Waning Gibbous, 54%	Last Quarter, 97%	Waning Gibbous, 35%
NauticalTwilight	0422, 1934	0422, 1934	0423, 1933
Civil Twilight	0451, 1904	0452, 1904	0452, 1904
Humidity	D : 90% N : 95%	D : 92% N : 95%	D : 86% N : 93%
Barometer (mb)	1004	10043	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	60%
Wind (mph)	18 Km/h S	17 Km/h SSE	14 Km/h SSE

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



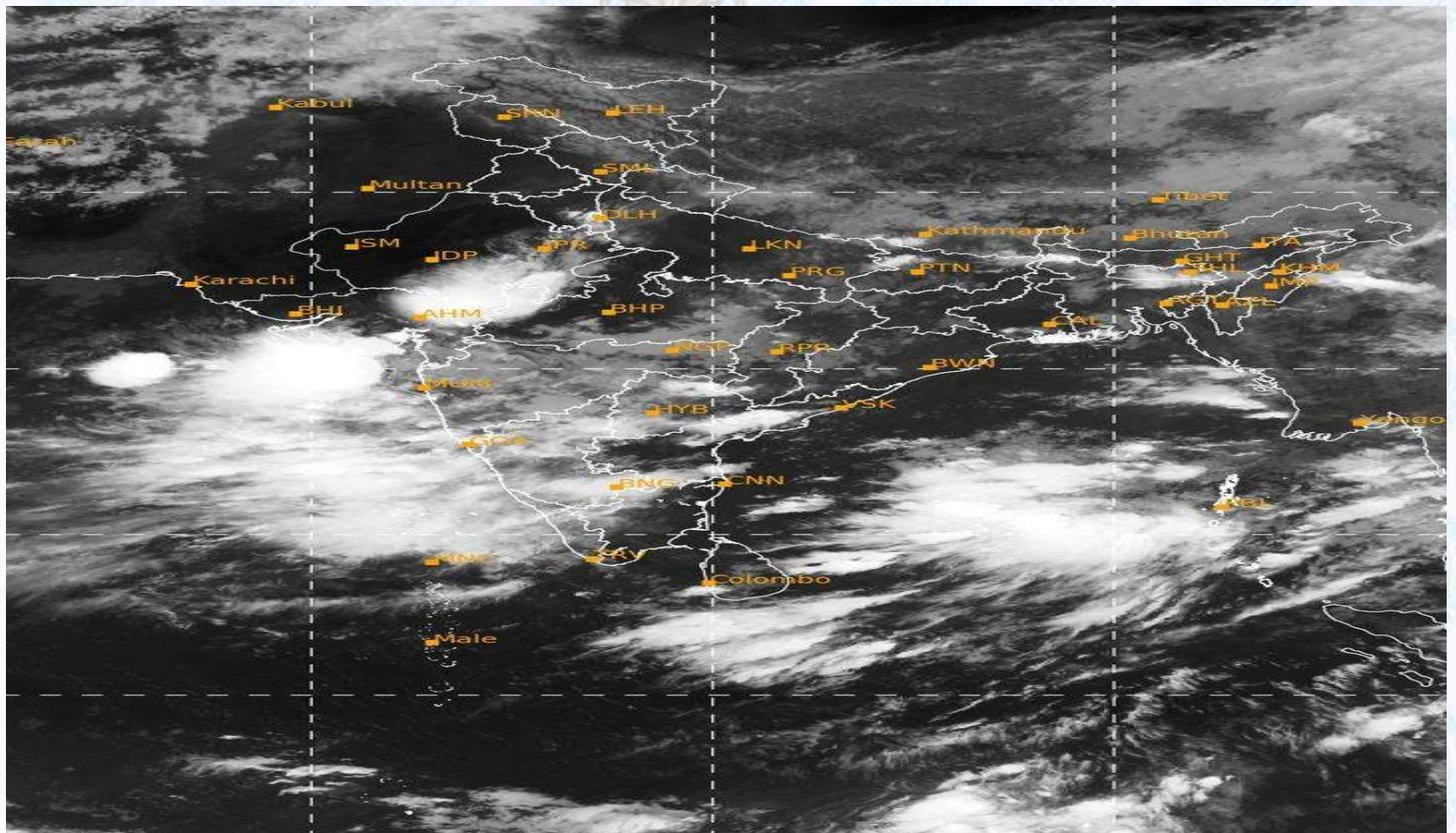
GENERAL WEATHER FORECAST – KHULNA

Description	12 July 2020	13 July 2020	14 July 2020
Temperature(C)	31°C/ 27°C	30°C/ 26°C	30°C/ 26°C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h24m24s/18h50m36s	5h24m42s/18h50m24s	5h25m00s/18h50m18s
Day Length	13h26m12s	13h25m42s	13h25m18s
Moon Rise/Set	11:50 PM 11:33 AM	00:00 PM 00:00 AM	12:22 PM 00:00 AM
Moon Phase/illu	Waning Gibbous, 54%	Last Quarter, 97%	Waning Gibbous, 35%
Nautical Twilight	0430, 1944	0430, 1944	0431, 1944
Civil Twilight	0459, 1915	0500, 1914	0500, 1914
Humidity	D : 84% N : 89%	D : 84% N : 90%	D : 85% N : 89%
Barometer (mb)	1001	1001	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	80%
Wind (mph)	14 km/h SW	13 km/h S	16 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

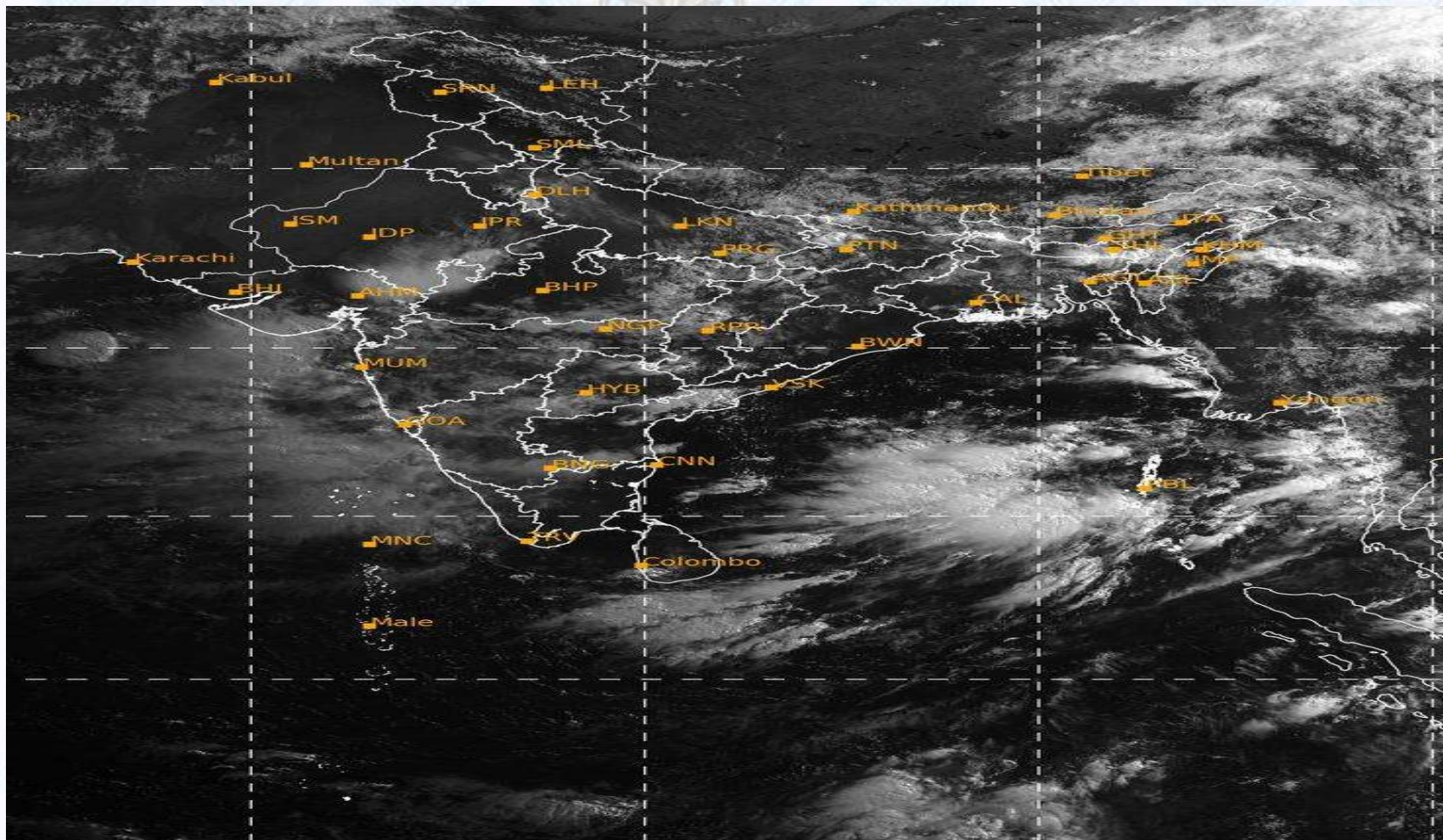


11/07/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



11/07/2020, 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 11.07.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS 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 1500 M OR LESS IN RAIN/SHOWERS
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 11, 0000 UTC. CHATTOGRAM =1004 HPA



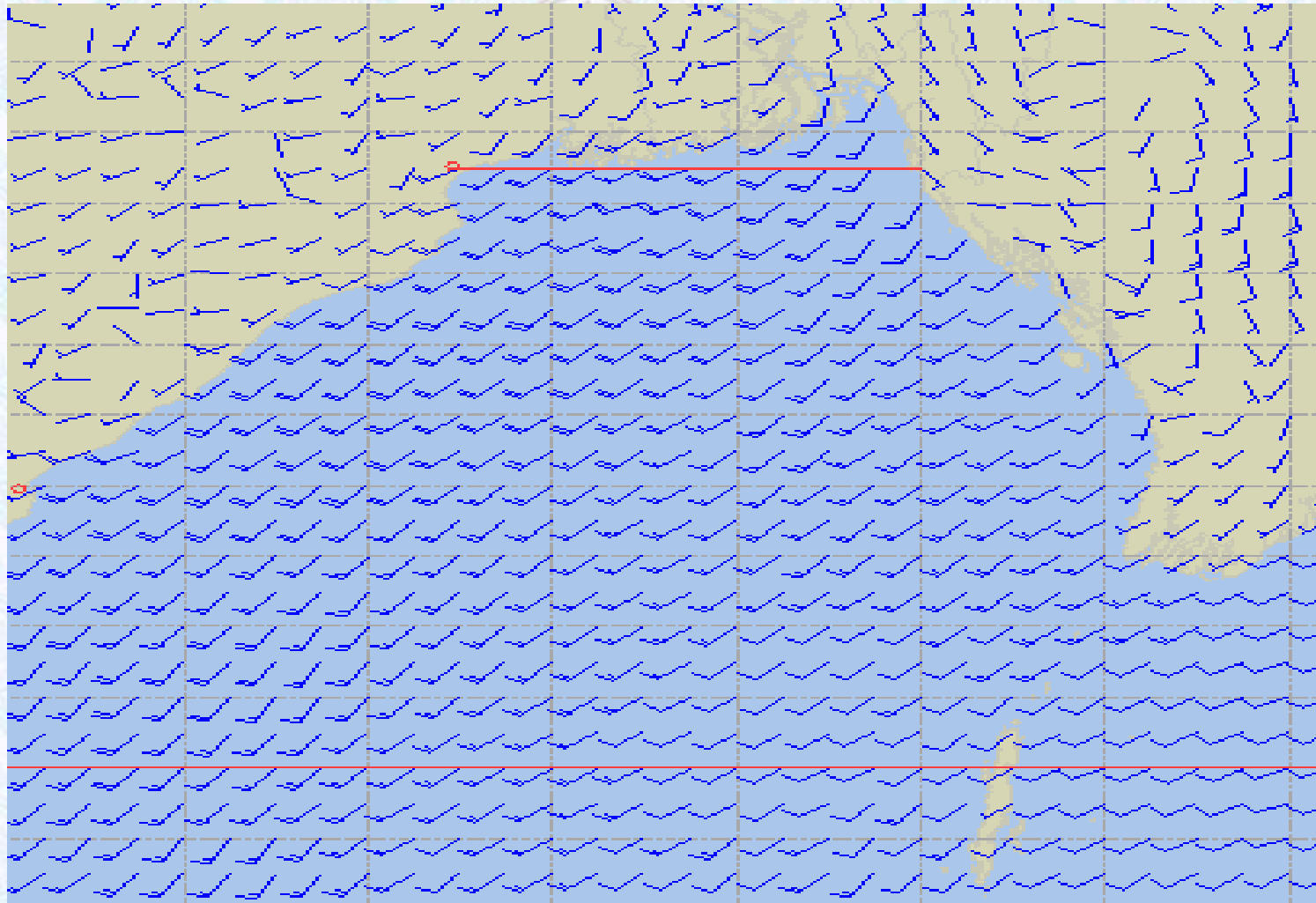
Inland River Port Warning **(VALID TILL 07 PM OF 11.07.2020)**

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, MYMENSINGH, TANGAIL, DHAKA, FARIDPUR, MADARIPUR, KUSHTIA, JASHORE, 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- 12 July- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



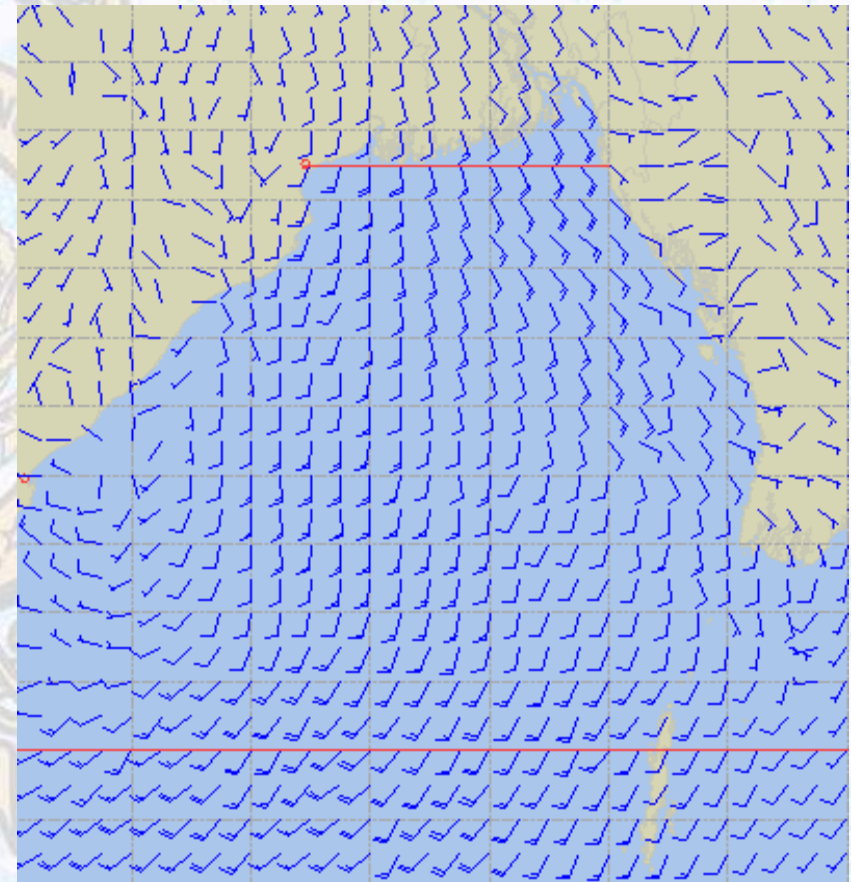
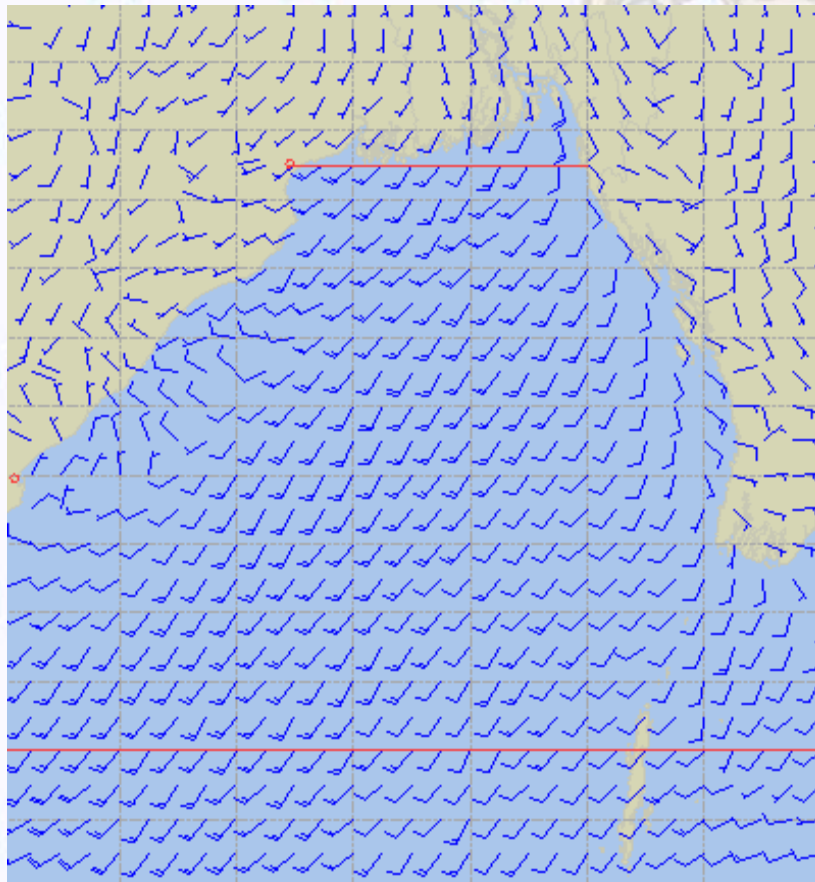
60 Knots



Surface Wind Forecast – 13 & 14 July - 2020

13 July 2020 Monday

14 July 2020 Tuesday



Legend:



**Calm
Winds**



5 Knots



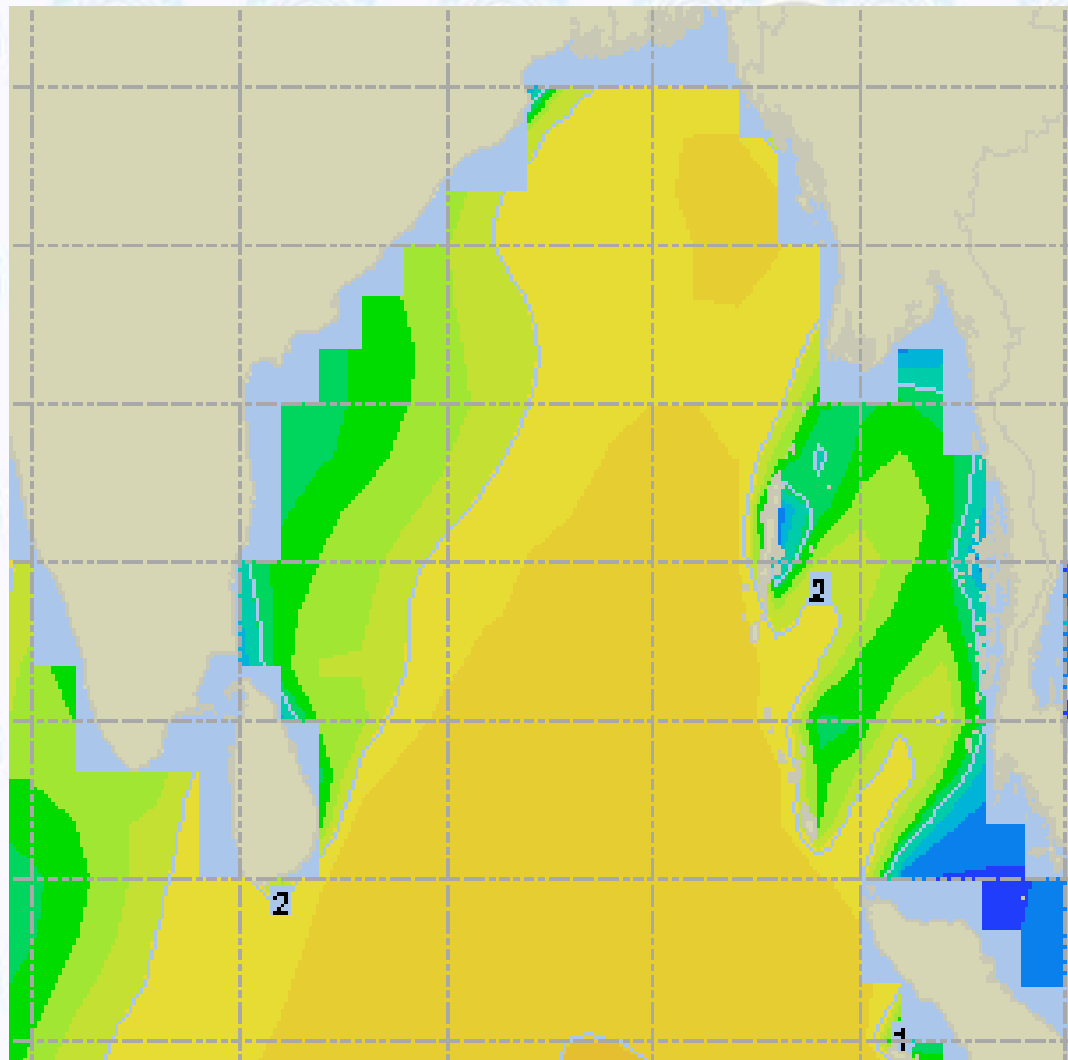
10 Knots



60 Knots



Sea State Forecast – 12 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

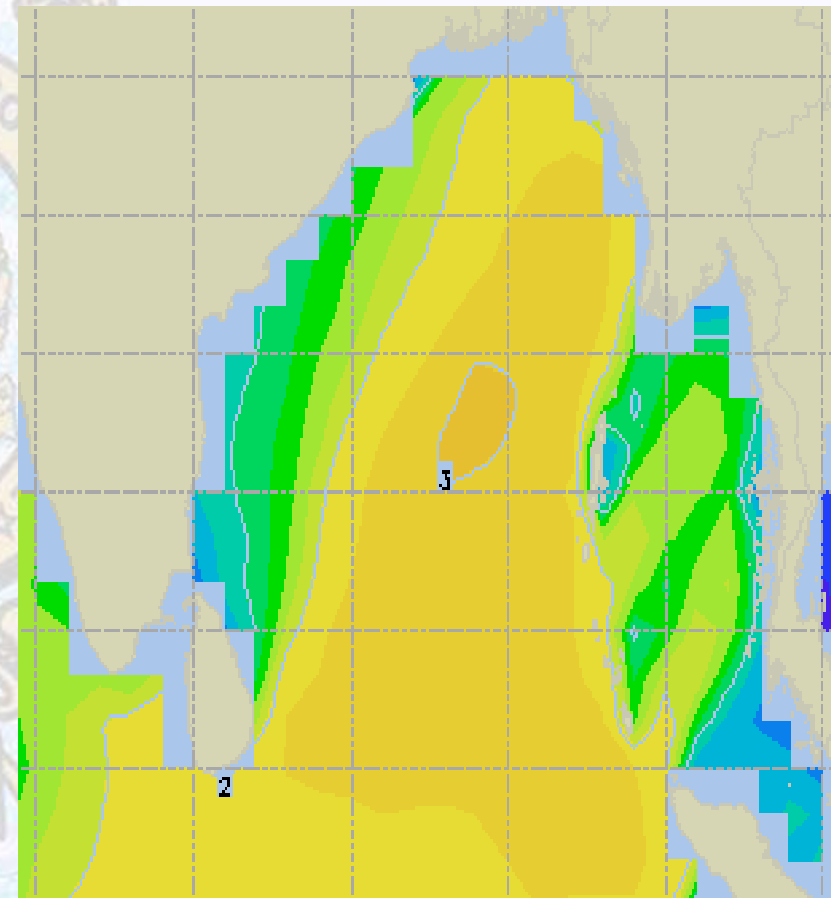
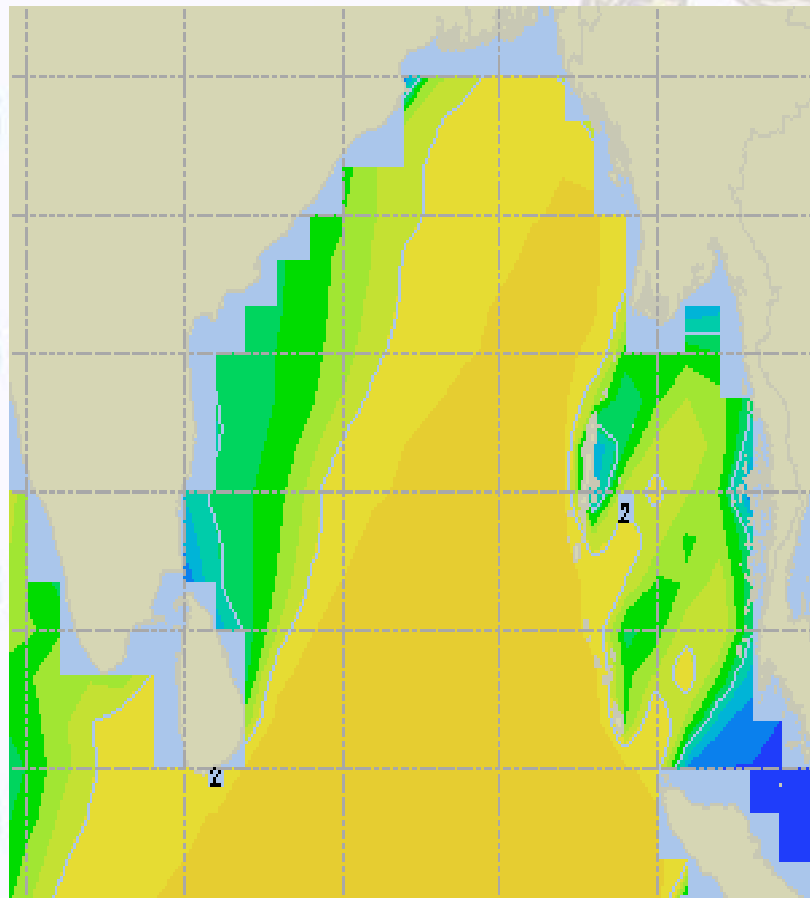




Sea State Forecast – 13 & 14 July - 2020

13 July 2020 Monday

14 July 2020 Tuesday

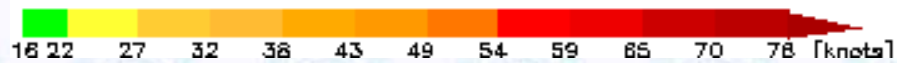
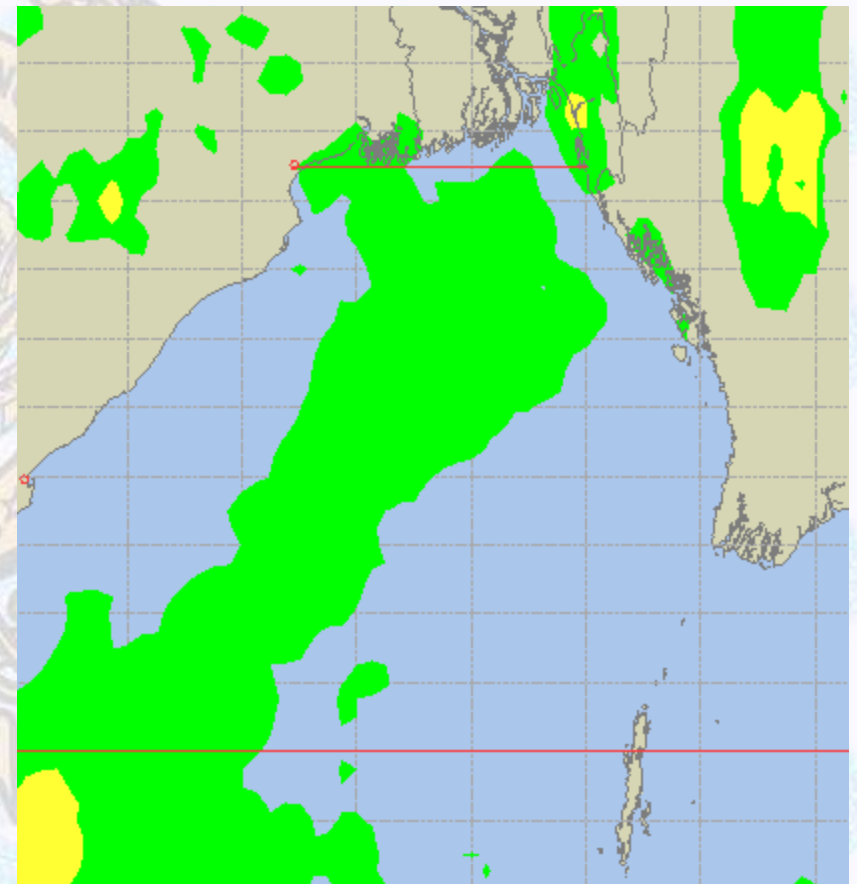
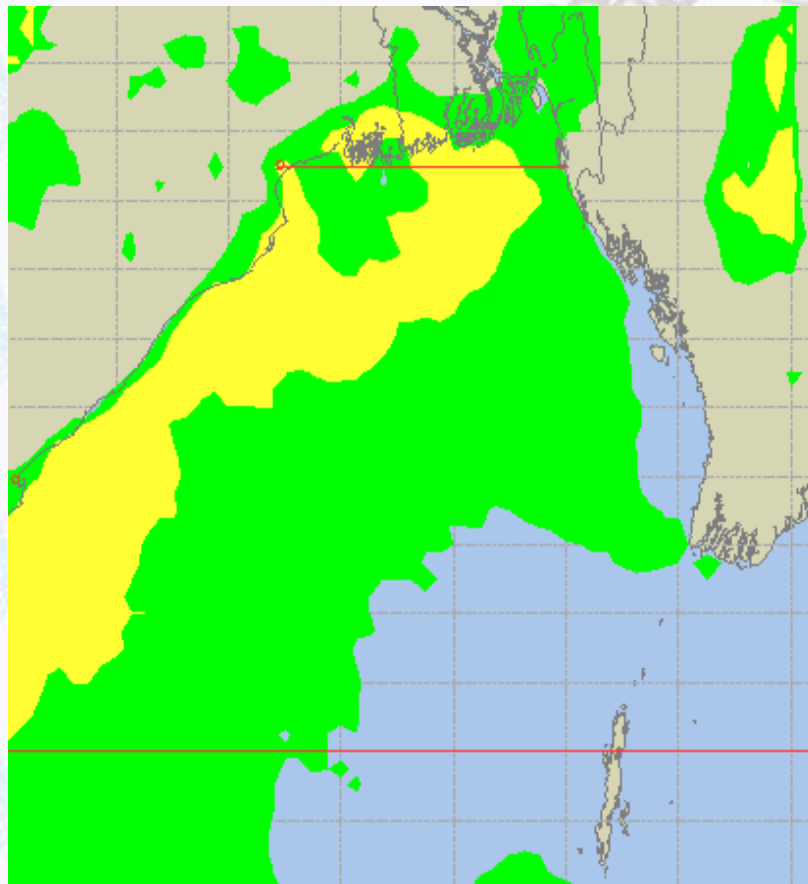




Peak Gusting Possibilities— 12 & 13 July 2020

12 July 2020 Sunday

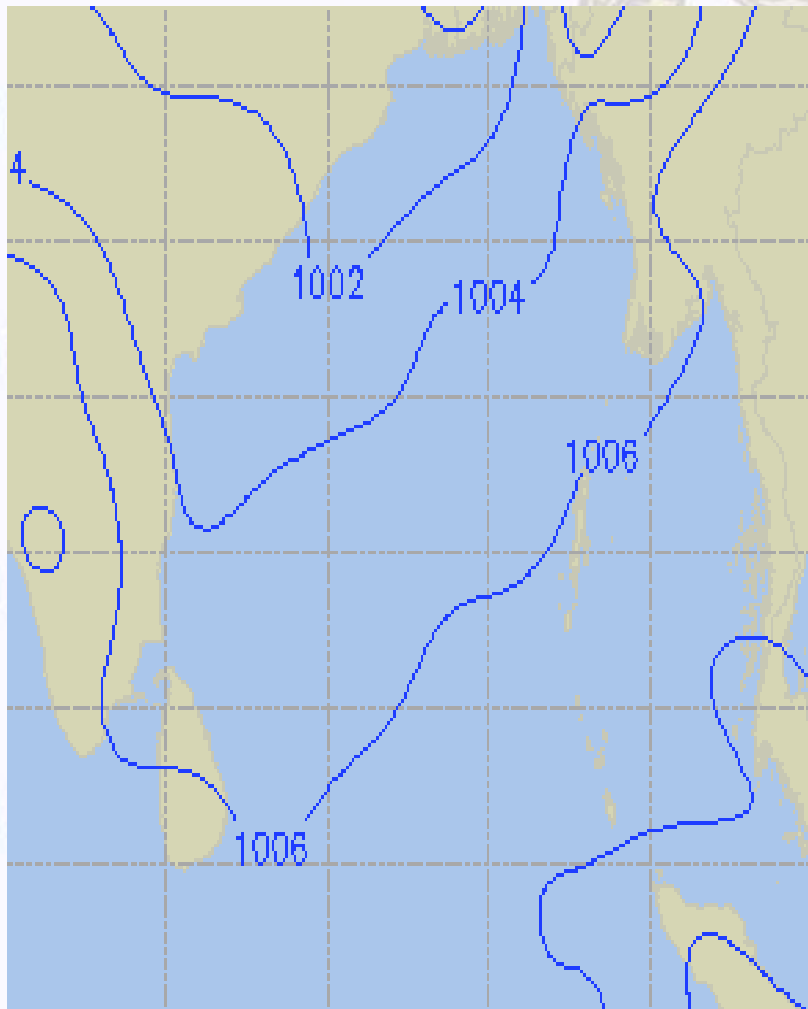
13 July 2020 Monday



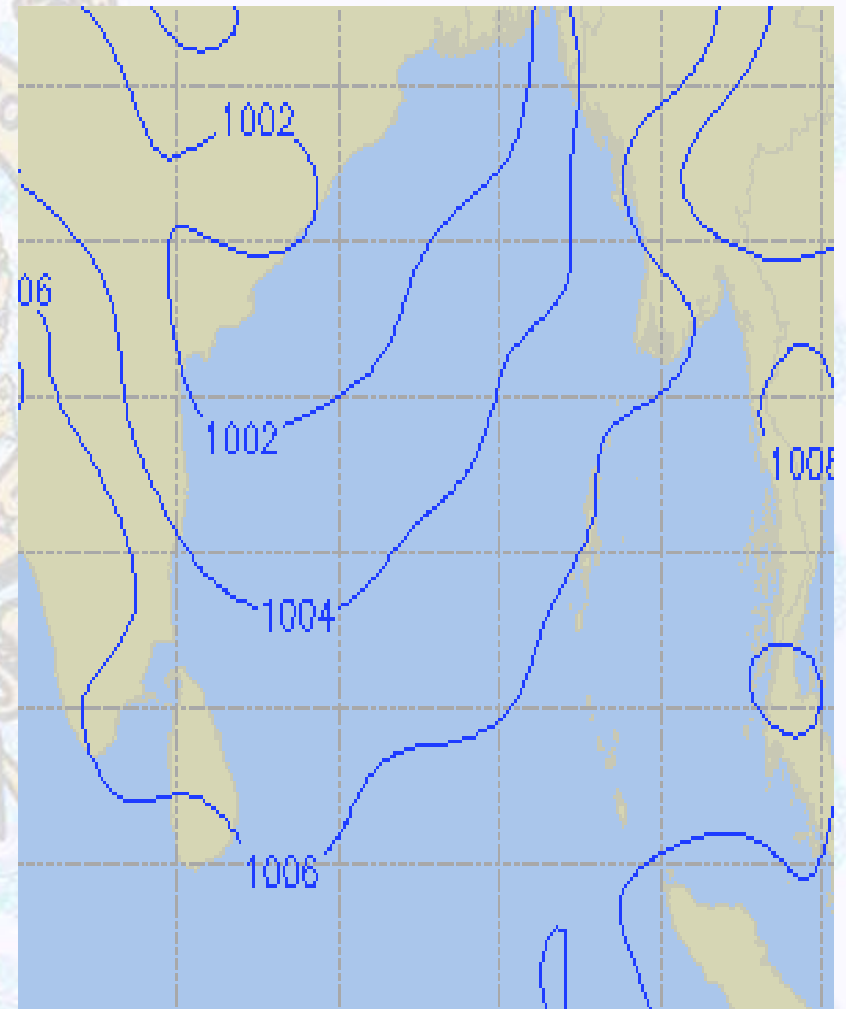


Surface Pressure forecast– 12 & 13 July 2020

12 July 2020 Sunday



13 July 2020 Monday

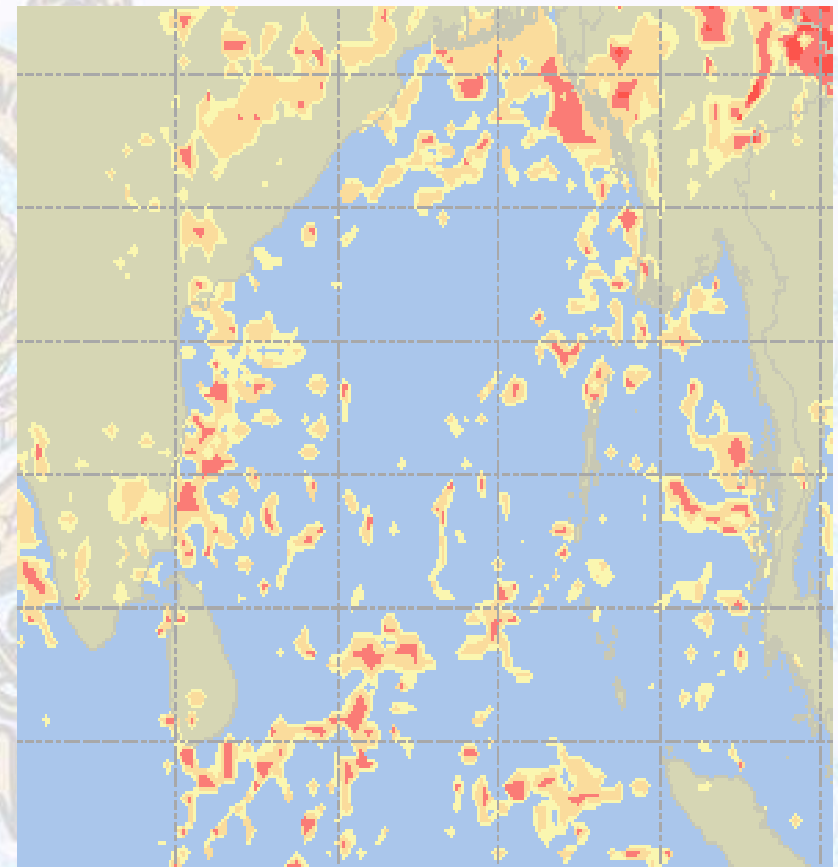
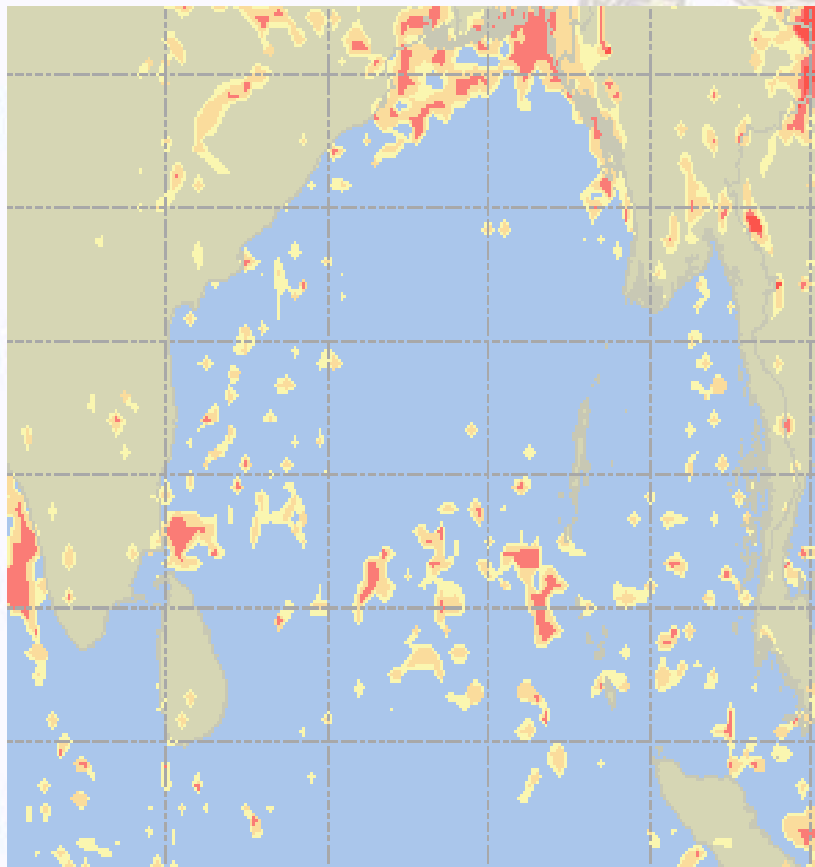




Visibility at Sea Forecast – 12 & 13 July- 2020

12 July 2020 Sunday

13 July 2020 Monday



Visibility Scale:

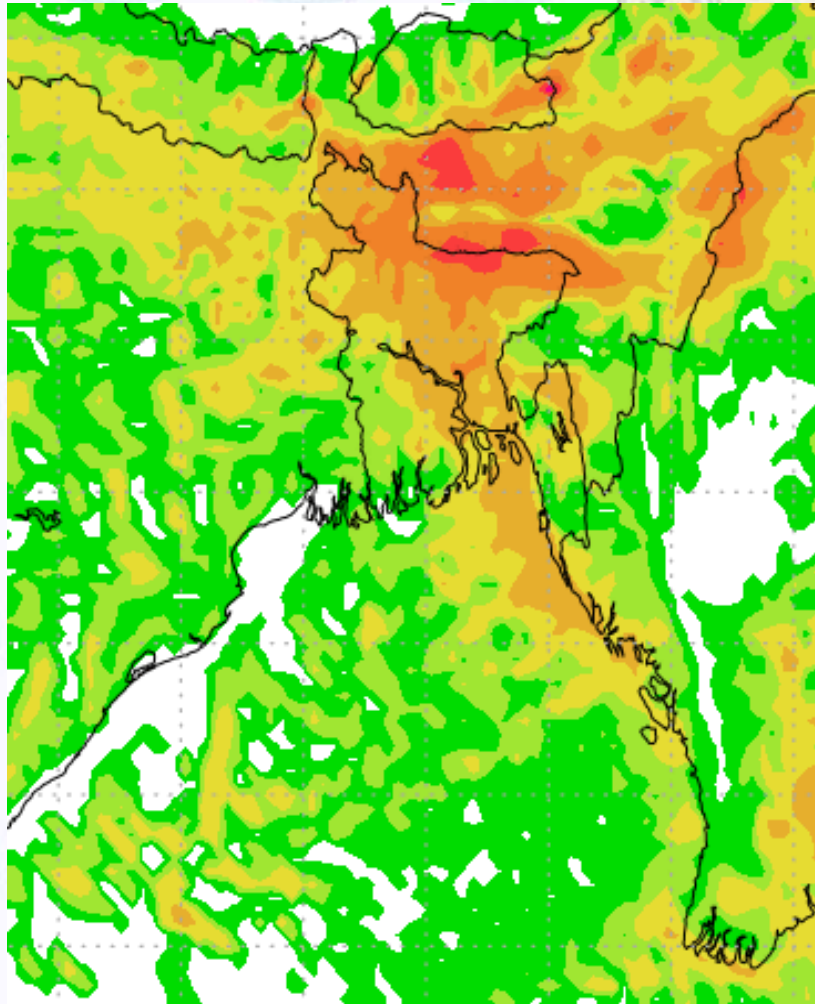


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

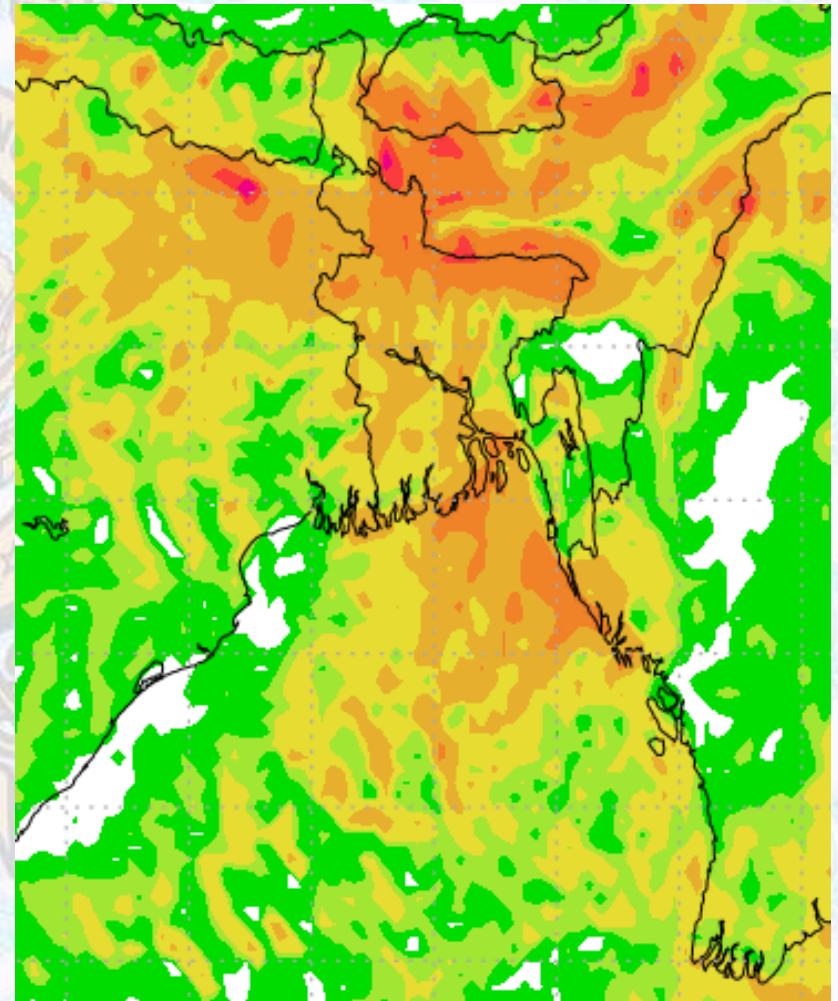


Precipitation

Rain(mm) 12 & 13 July 2020



Rain(mm) 13 & 14 July 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0443		4.85			0215	3.13
11 July 2020	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
	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
	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