



WEATHER FORECAST FOR BN

21 AUG- 24 AUG 2020



WEATHER FORECAST – DHAKA

21.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	30 / 26	28 / 25	28 / 25
Wind	19 km/h SSE	17 km/h SSE	13 km/h SSE	12 km/h SSE
Humidity	81%	79%	84%	86%
Chance of Precip	20%	44%	43%	69%
Cloud Cover	89%	93%	90%	91%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 36 AM 18: 26 PM			

Conditions

Pressure : 1007 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

21.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	27 / 25	27 / 26
Wind	18 km/h S	16 km/h S	13 km/h S	11 km/h SSE
Humidity	83%	84%	90%	92%
Chance of Precip.	17%	21%	60%	76%
Cloud Cover	88%	87%	89%	91%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise Sunset	5: 32 AM 18: 19 PM			

Conditions

Pressure : 1009 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

21.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 27	28 / 26
Wind	22 km/h S	20 km/h S	13 km/h S	10 km/h S
Humidity	89%	90%	94%	93%
Chance of Precip.	19%	32%	33%	55%
Cloud Cover	92%	91%	88%	81%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	5: 41 AM 18: 29 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 August 2020	23 August 2020	24 August 2020
Temperature (C)	30 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h37m00s/18h25m42s	5h37m24s/18h24m54s	5h37m42s/18h23m54s
Day Length	12h48m42s	12h47m30s	12h46m12s
Moon Rise/ Set	8:42AM 9:02PM	9:45AM 9:43PM	10:48AM 10:25PM
Moon Phase/ illu	Waxing Crescent, 19%	Waxing Crescent, 29%	Waxing Crescent, 40%
NauticalTwilight	04:45,19:16	04:46,19:15	04:46,19:14
Civil Twilight	05:13,18:48	05:13,18:47	05:14,18:46
Humidity	D : 82% N : 87%	D : 79% N : 87%	D : 78% N : 86%
Barometer (mb)	1006	1005	1004
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	80%	80%
Wind (mph)	11 Km/h S	8 Km/h S	9 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	22 August 2020	23 August 2020	24 August 2020
Temperature (C)	29 °C/ 25 °C	29 °C/ 25 °C	29 °C/ 26 °C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h32m48s/18h18m30s	5h33m12s/18h17m42s	5h33m30s/18h16m48s
Day Length	12h45m42s	12h44m30s	12h43m18s
Moon Rise/ Set	8:36AM 8:56PM	9:38AM 9:38PM	10:40AM 10:20PM
Moon Phase/ illu	Waxing Crescent, 19%	Waxing Crescent, 29%	Waxing Crescent, 40%
Nautical Twilight	04:42, 19:08	04:42, 19:07	04:43, 19:06
Civil Twilight	05:09, 18:41	05:09, 18:40	05:10, 18:39
Humidity	D : 89% N : 94%	D : 88% N : 94%	D : 89% N : 94%
Barometer (mb)	1008	1006	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	80%	90%
Wind (mph)	13 Km/h SSW	13 Km/h S	14 Km/h S

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



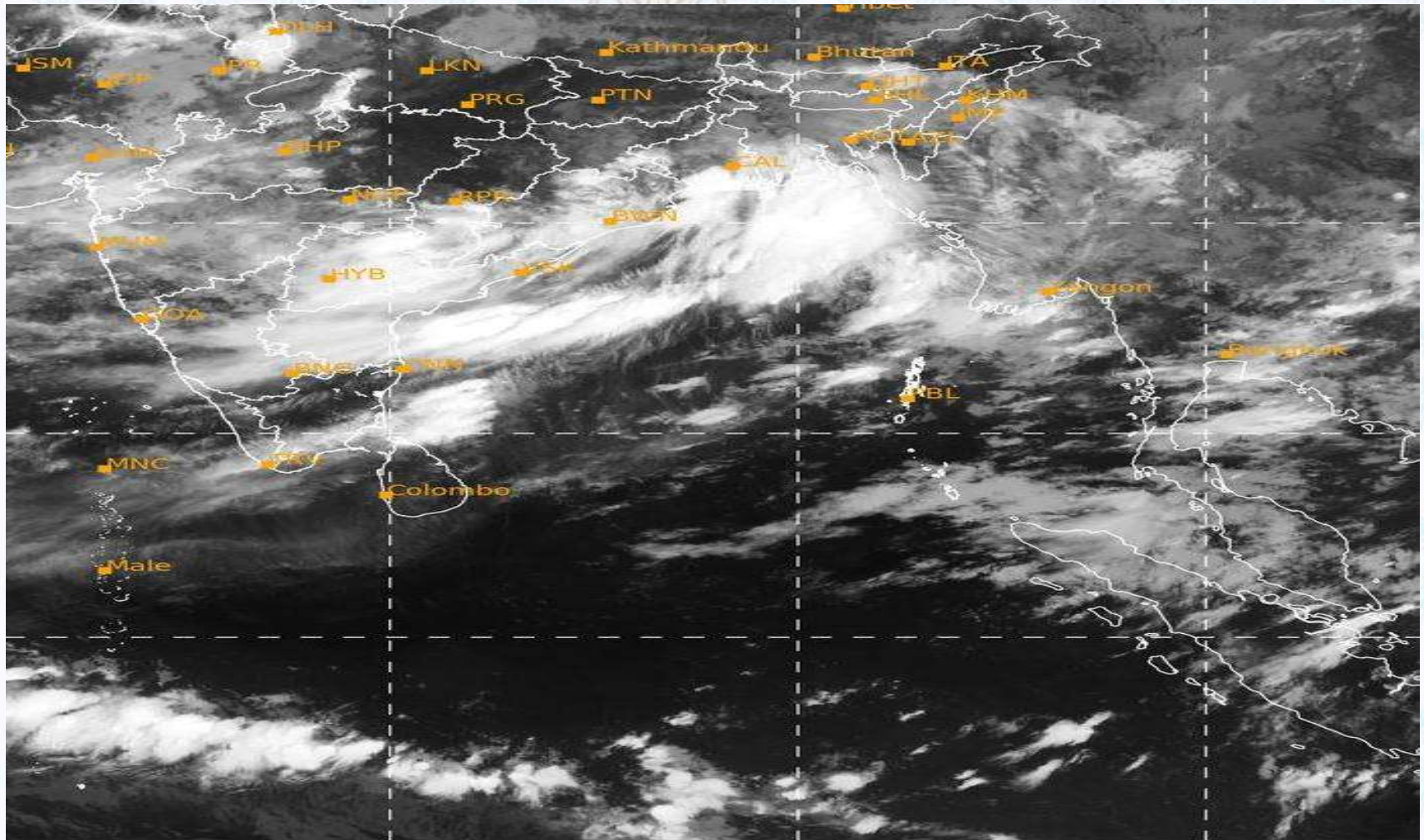
GENERAL WEATHER FORECAST – KHULNA

Description	22 August 2020	23 August 2020	24 August 2020
Temperature(C)	30°C/ 26°C	30°C/ 26°C	30°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h41m30s/18h28m06s	5h41m48s/18h27m18s	5h42m06s/18h26m24s
Day Length	12h46m36s	12h45m30s	12h44m18s
Moon Rise/Set	8:46AM 9:07PM	9:49AM 9:48PM	10:51AM 10:30PM
Moon Phase/illu	Waxing Crescent, 19%	Waxing Crescent, 29%	Waxing Crescent, 40%
NauticalTwilight	04:50, 19:18	04:51, 19:17	04:51, 19:16
Civil Twilight	05:17, 18:51	05:18, 18:50	05:18, 18:49
Humidity	D : 86% N : 90%	D : 84% N : 90%	D : 84% N : 89%
Barometer (mb)	1005	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	90%	90%
Wind (mph)	10 km/h S	7 km/h S	8 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

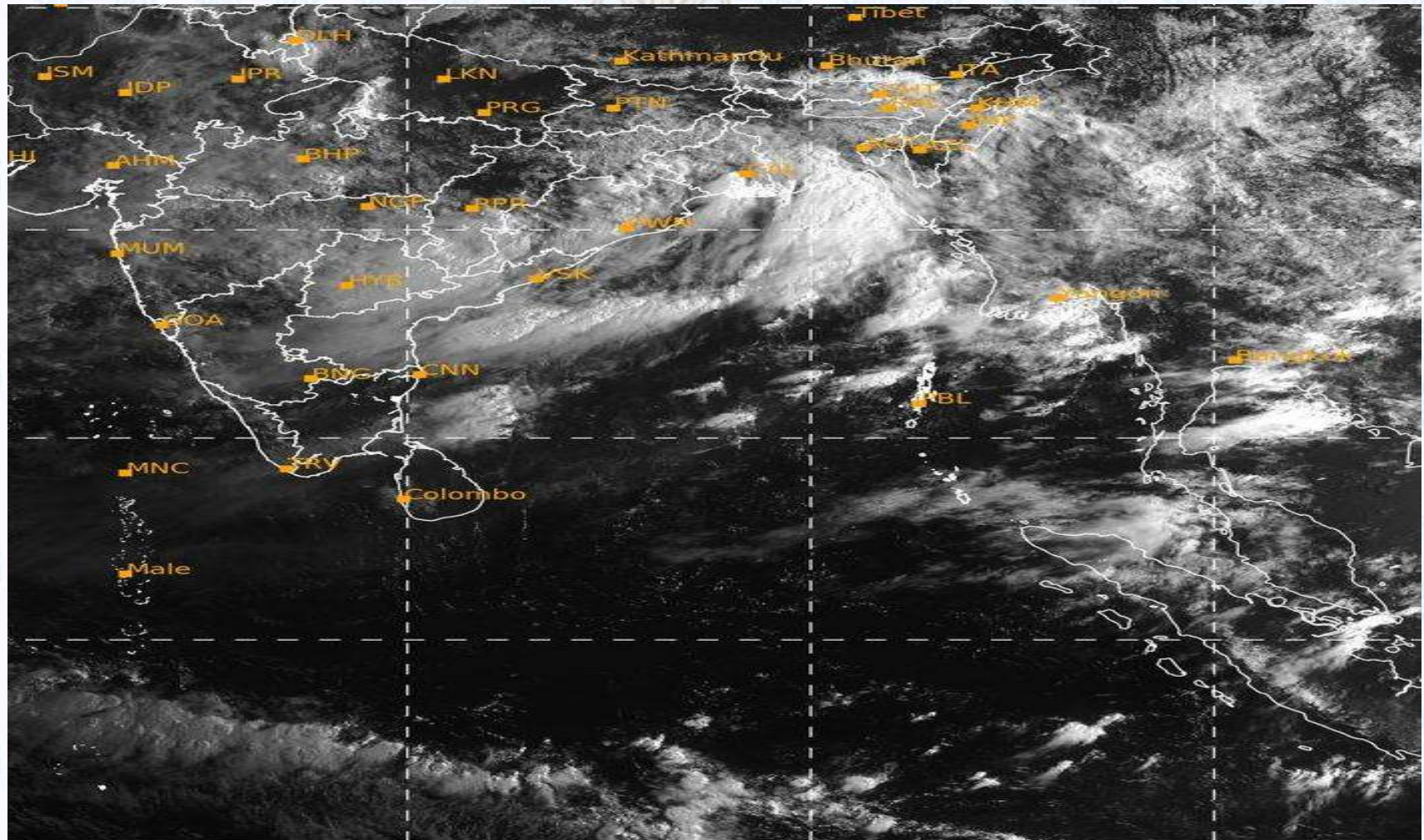


21/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/08/2020, 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 21.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE WELL MARKED LOW OVER NORTH BAY AND ADJOINING GANGETIC WEST BENGAL-BANGLADESH COAST, NOW LIES OVER MADHYA PRADESH AND ADJOINING AREA. THE AXIS OF MONSOON TROUGH RUNS THROUGH RAJSTHAN, THE CENTRE OF THE WELL MARKED LOW, BIHAR, GANGETIC WEST BENGAL TO ASSAM ACROSS CENTRAL PART OF BANGLADESH. ONE OF ITS ASSOCIATED TROUGH EXTENDS UPTO NORTH-BAY. MONSOON IS ACTIVE OVER BANGLADESH AND STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY, 10-17 KTS, TEMPORARY GUSTING TO 27 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 =1007 HPA



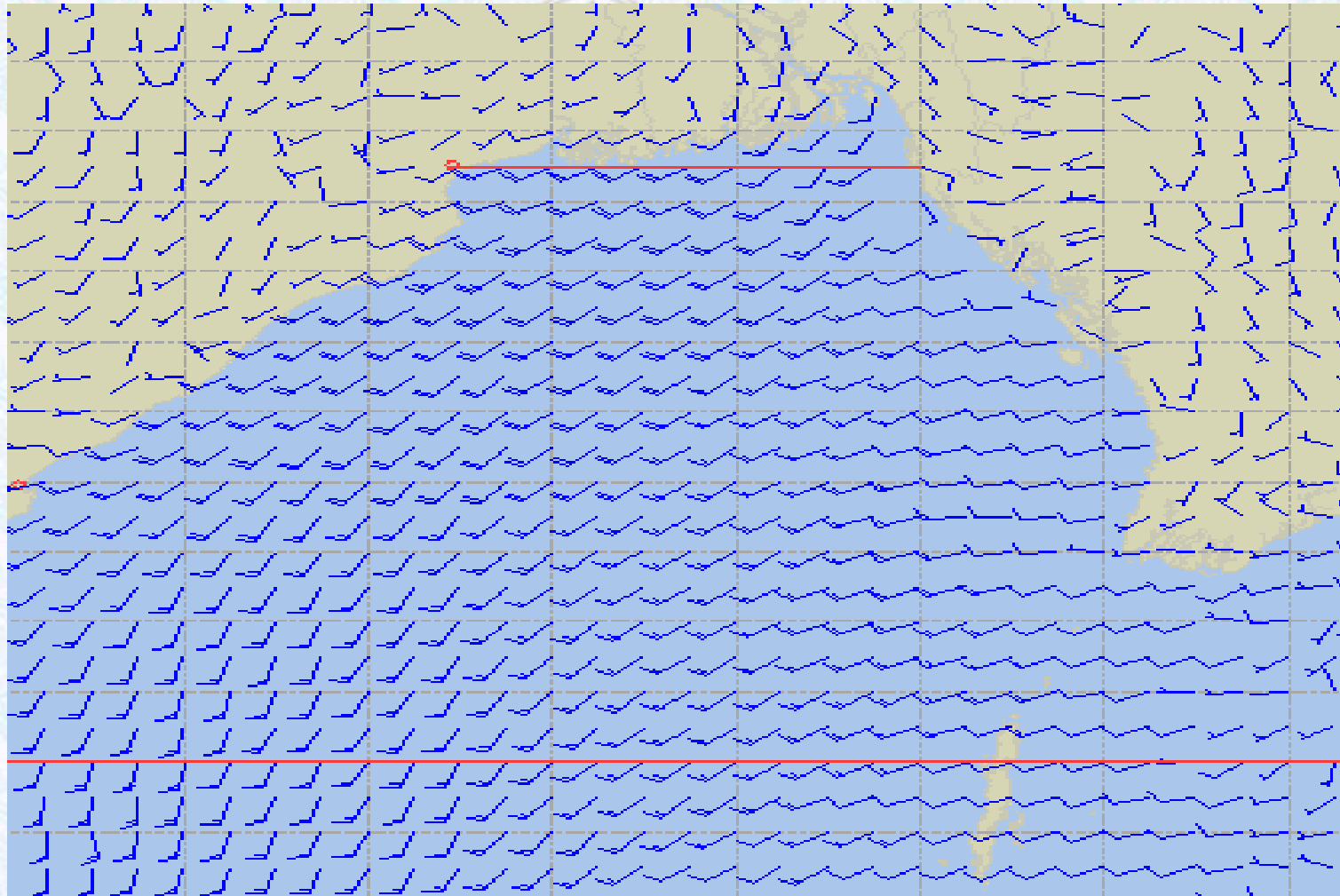
Inland River Port Warning **(VALID TILL 01 PM OF 21.08.2020)**

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY, SQUALLS SPEED 60-80 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COXS BAZAR WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. TWO (R) TWO RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY SOUTH/SOUTH-EASTERLY, GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR ELSEWHERE OVER COUNTRYWHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. ONE ® ONE..

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



Surface Wind Forecast- 22 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



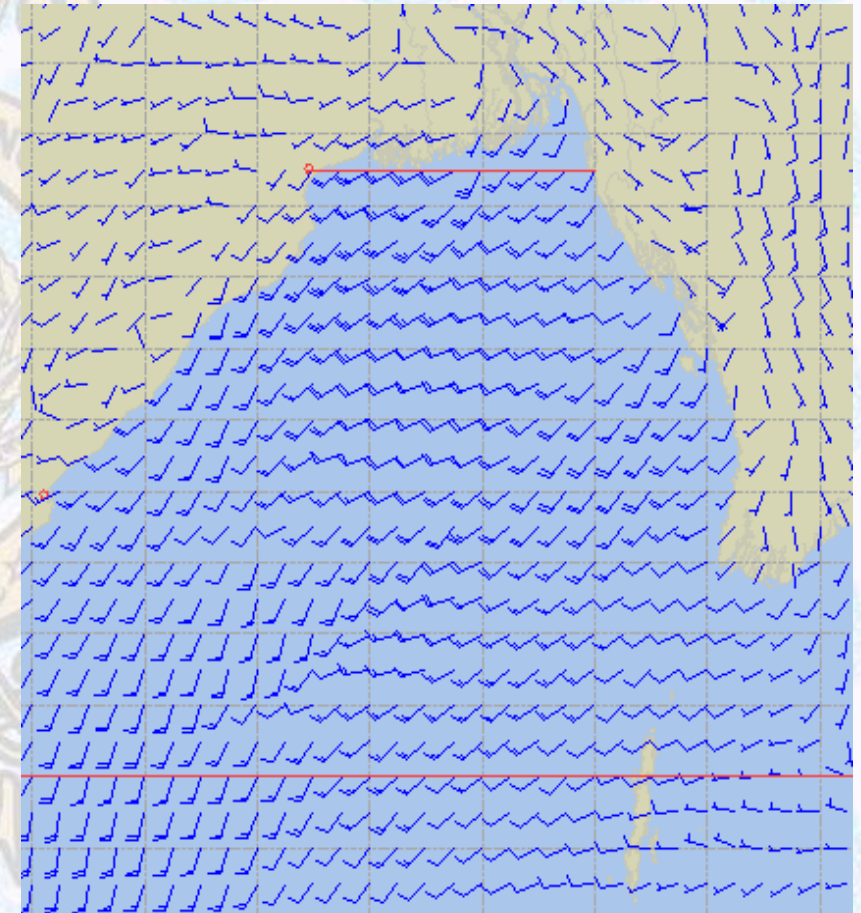
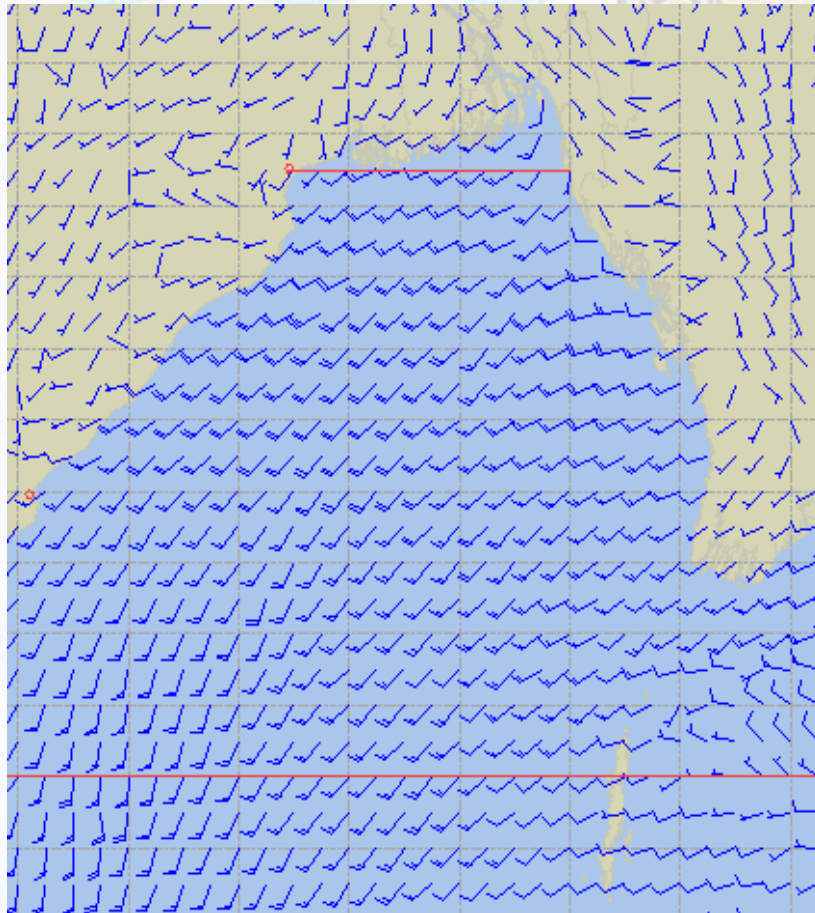
60 Knots



Surface Wind Forecast – 23 & 24 Aug - 2020

23 August 20 Sunday

24 August 20 Monday



Legend:



**Calm
Winds**



5 Knots



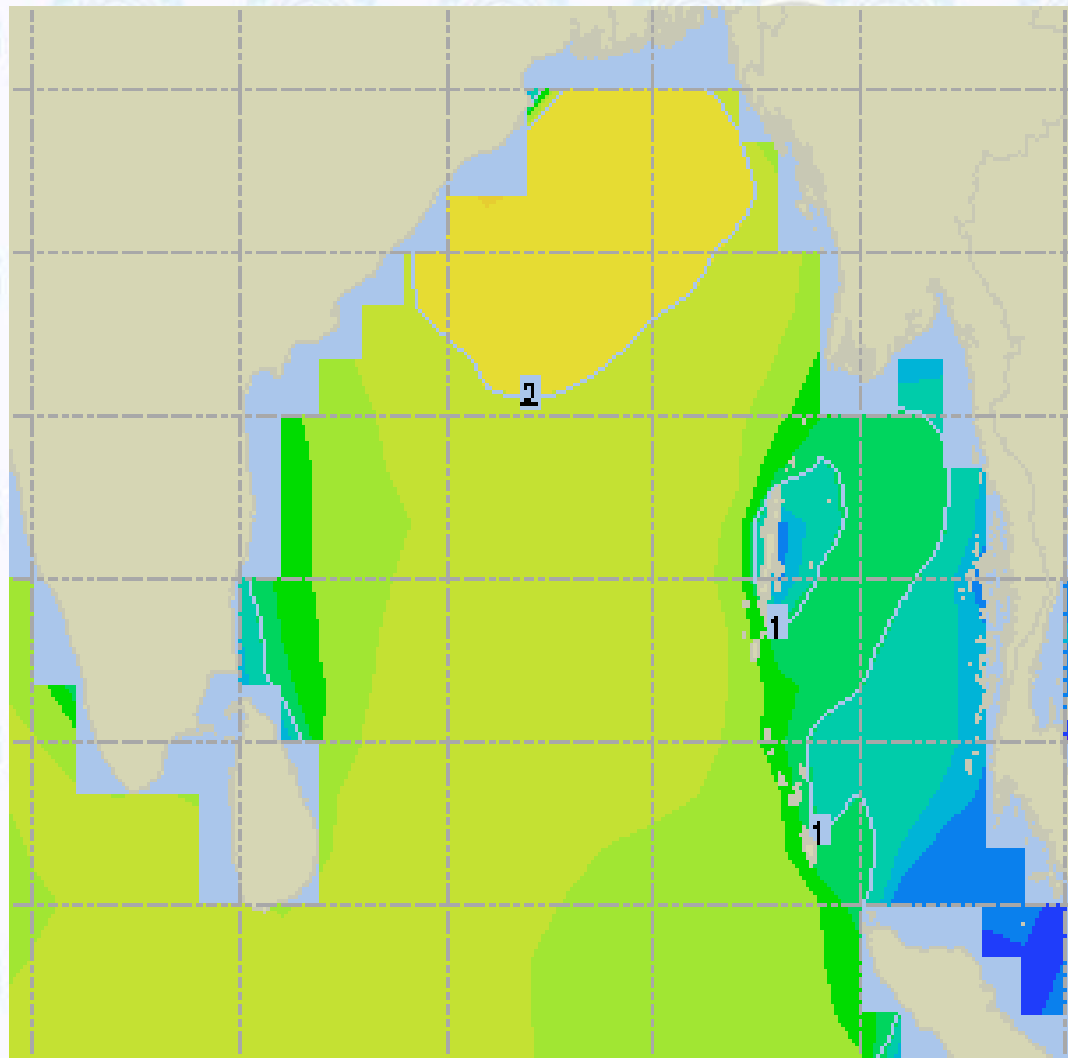
10 Knots



60 Knots



Sea State Forecast – 22 Aug- 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

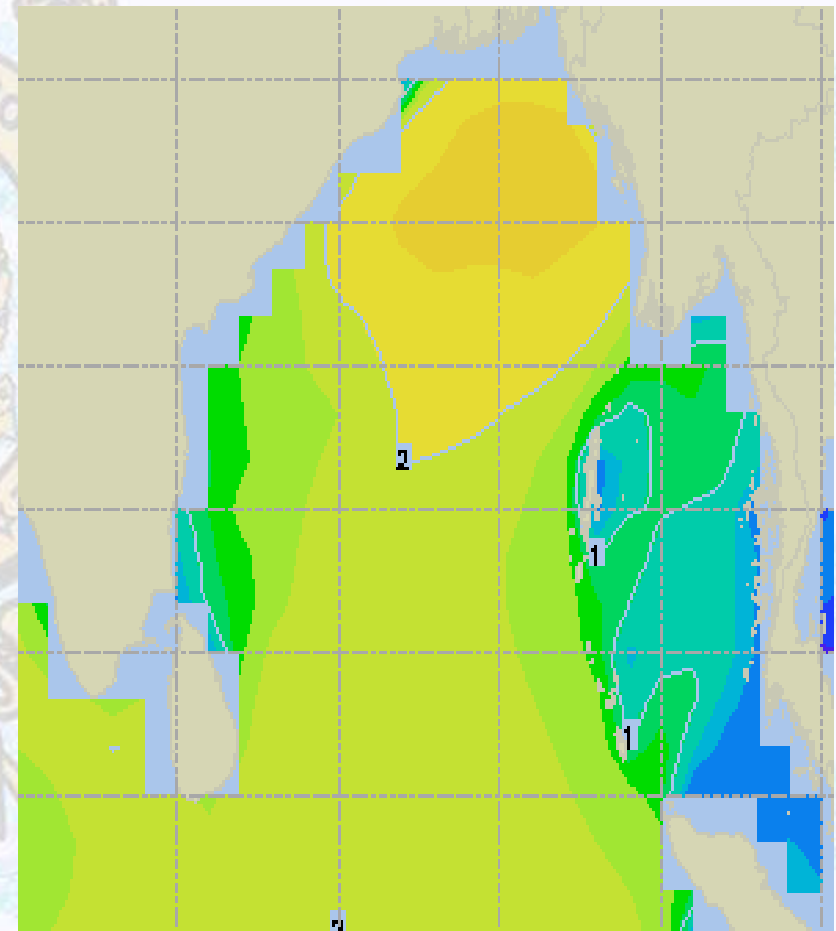
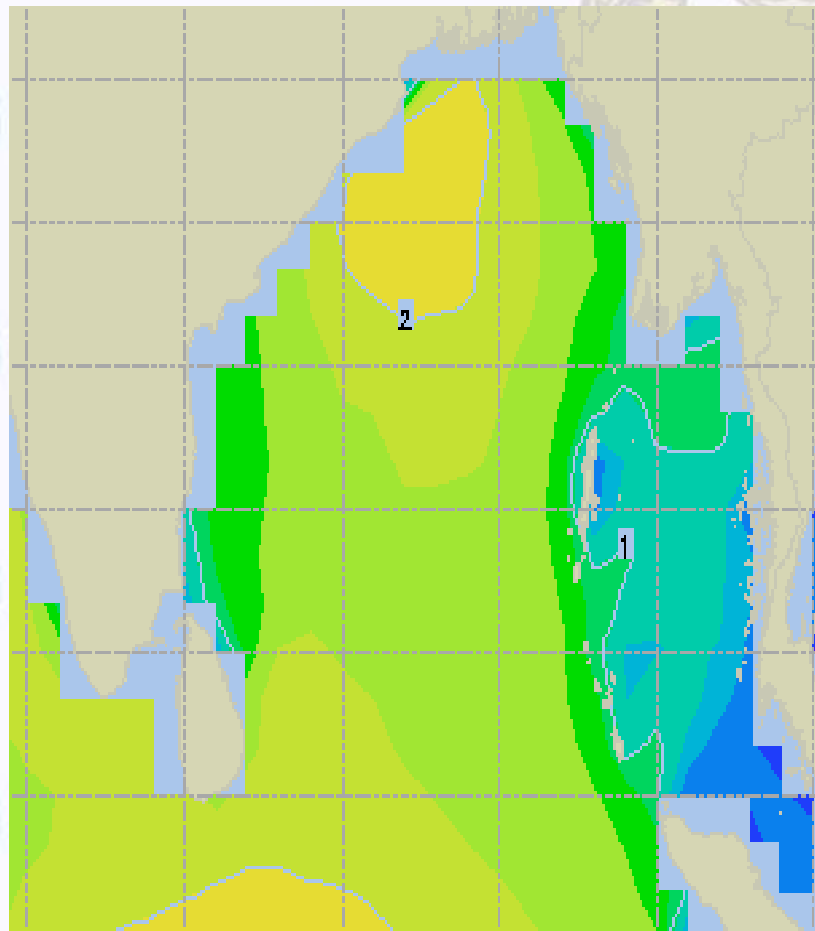




Sea State Forecast – 23 & 24 Aug - 2020

23 August 20 Sunday

24 August 20 Monday

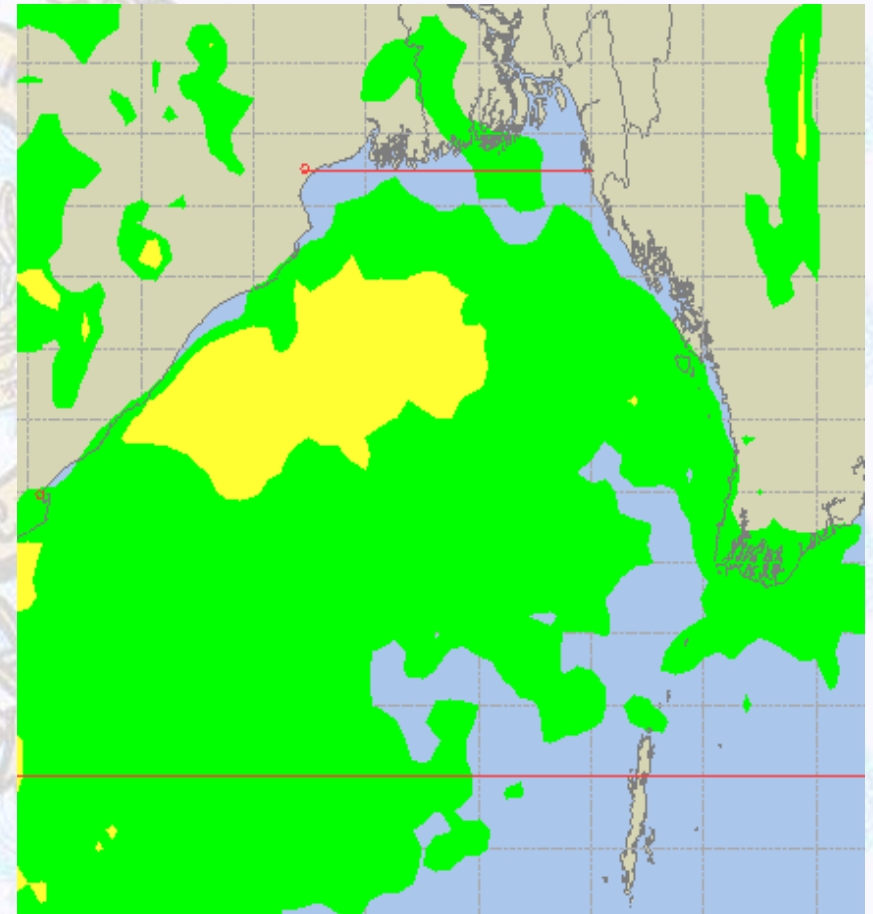
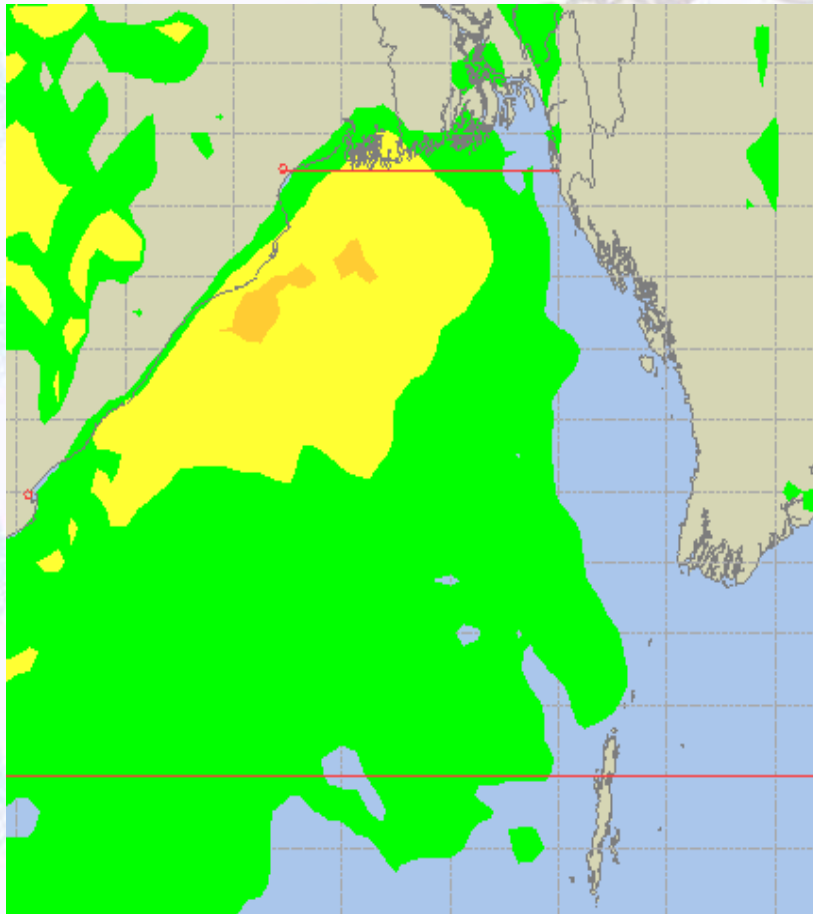




Peak Gusting Possibilities— 22 & 23 Aug 2020

22 August 20 Saturday

23 August 20 Sunday

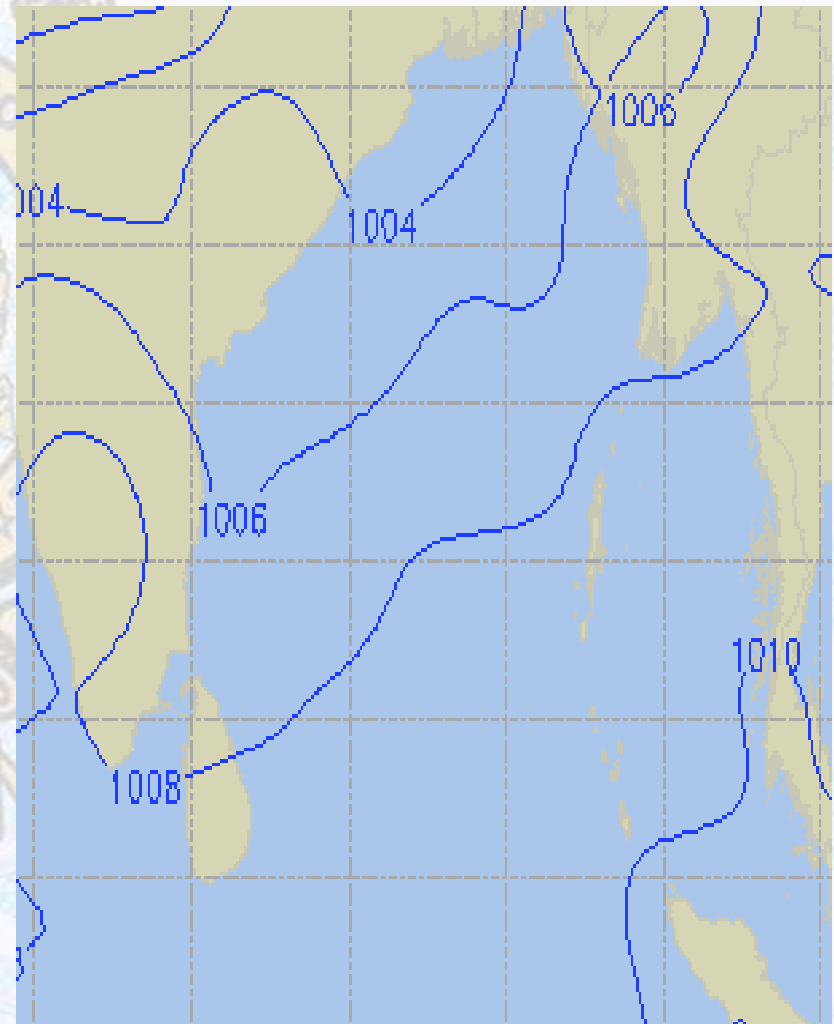
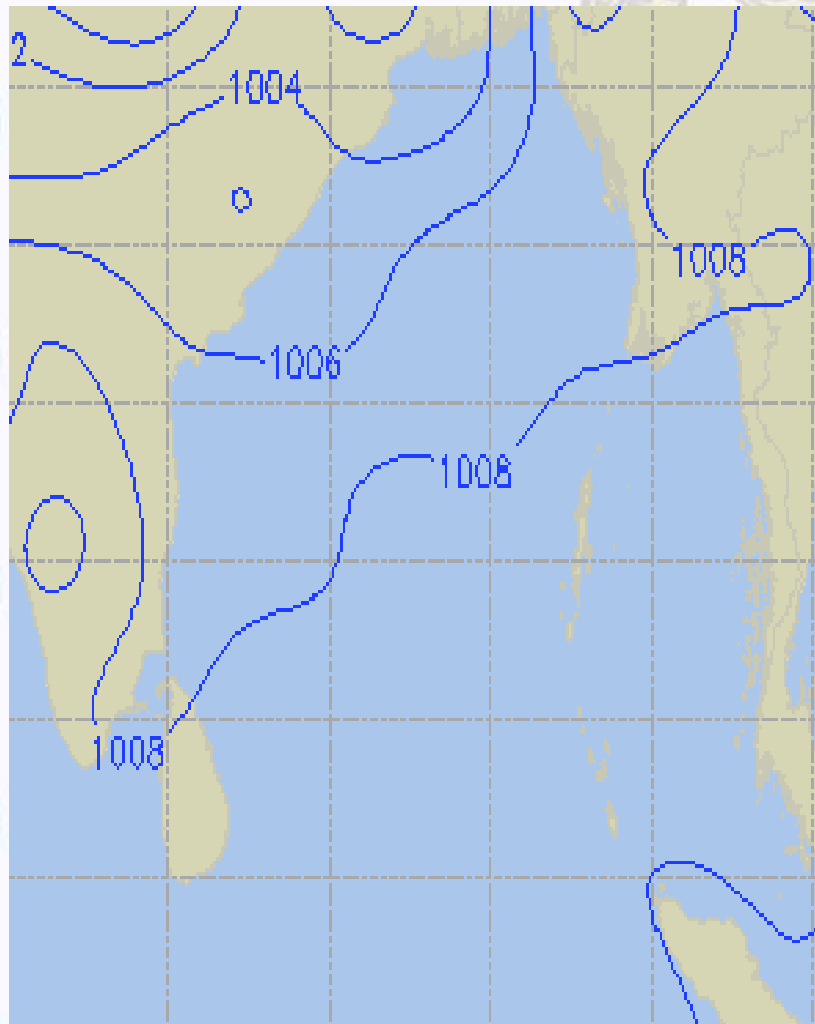




Surface Pressure forecast– 22 & 23 Aug 2020

22 August 20 Saturday

23 August 20 Sunday

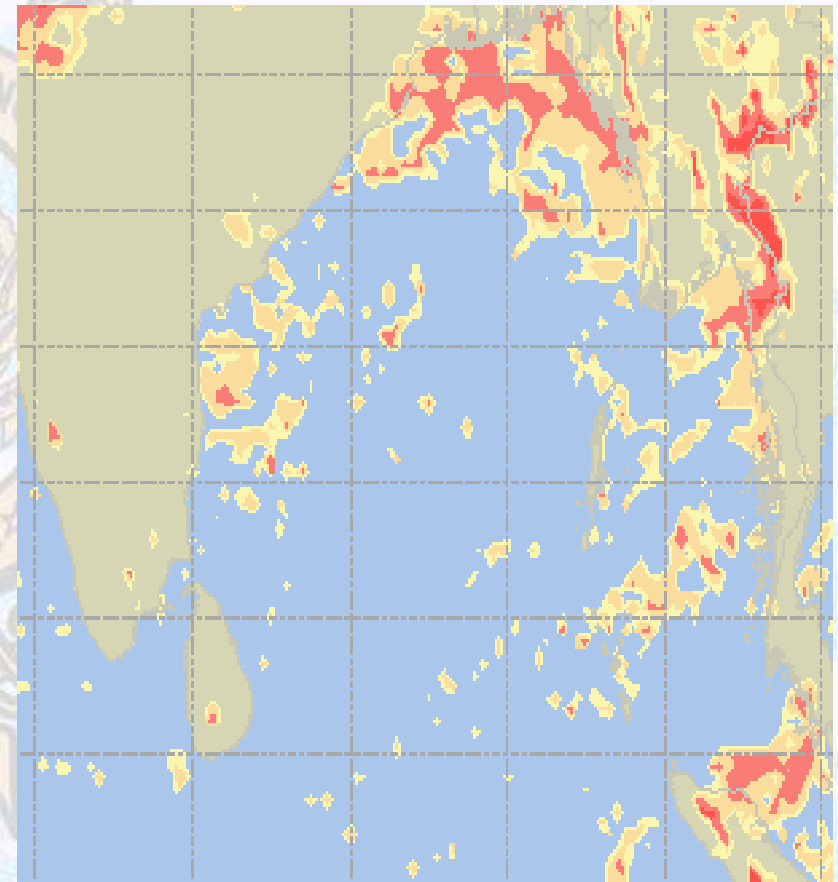
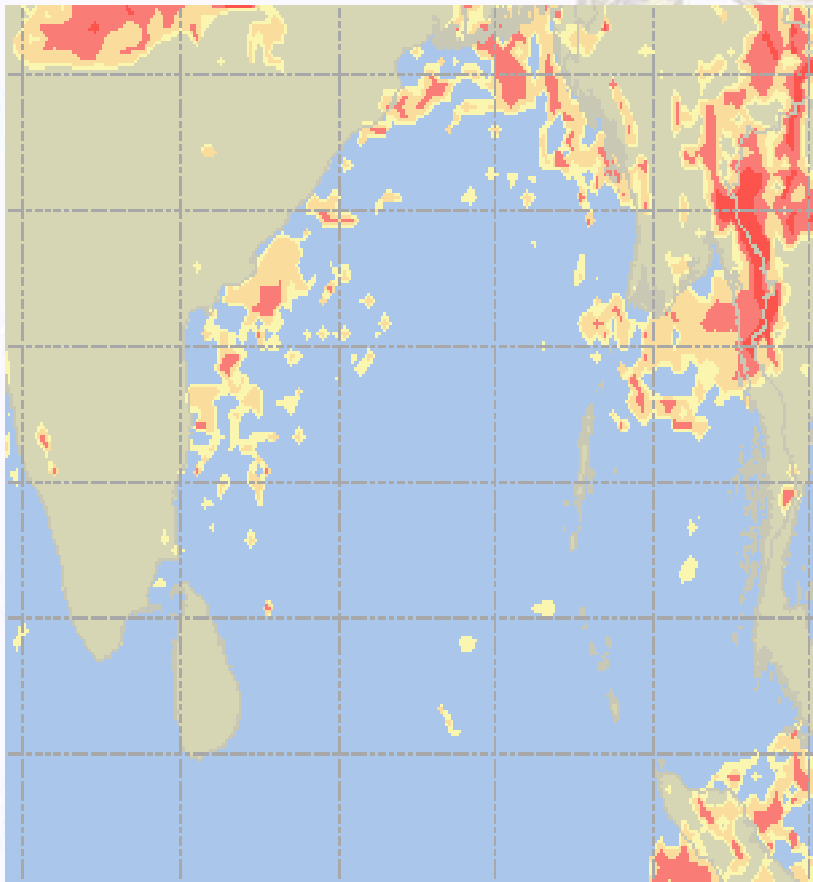




Visibility at Sea Forecast – 22 & 23 Aug 2020

22 August 20 Saturday

23 August 20 Sunday



Visibility Scale:

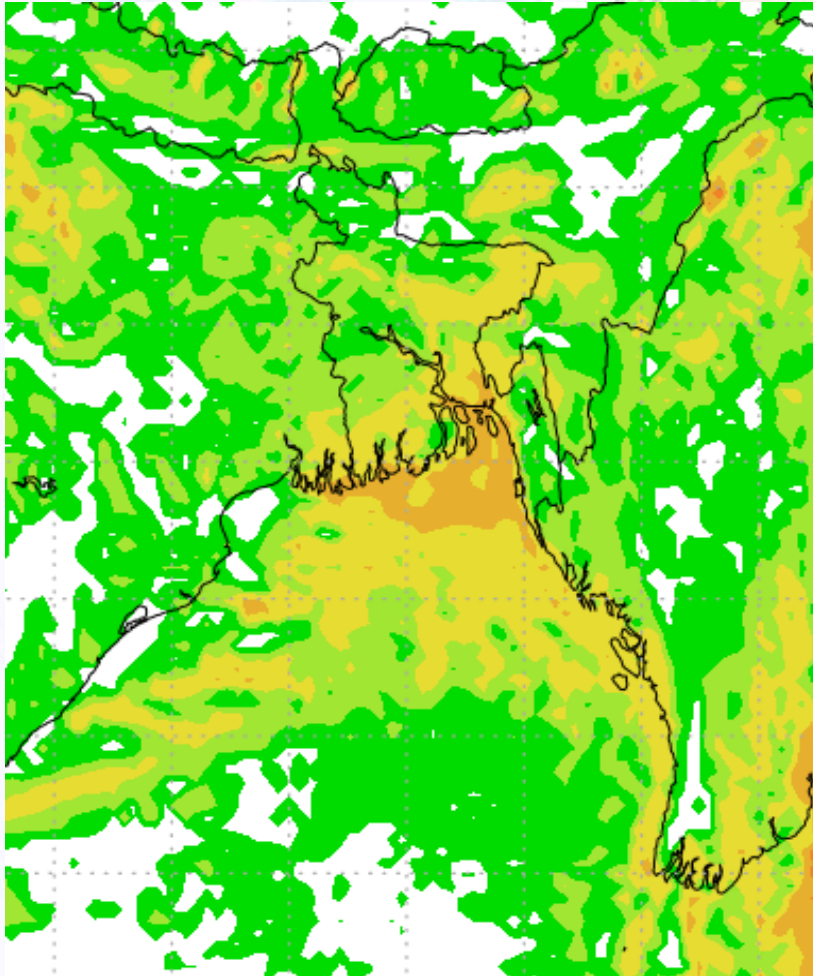


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

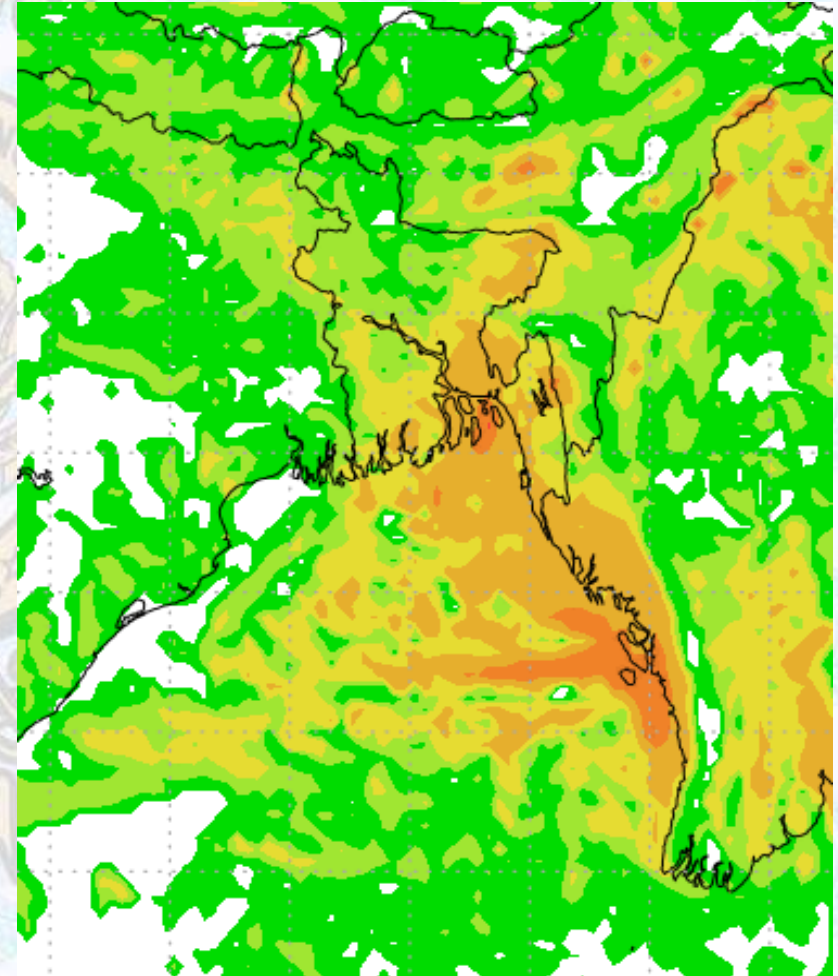


Precipitation

Rain(mm) 22 & 23 Aug 2020



Rain(mm) 23 & 24 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0245		5.43			0021	3.77
22 Aug 2020	0919	0.61		0706	0.85		0638	0.78
	1500	5.58		1246	3.91		1234	3.47
	2145	0.53		1929	0.87		1904	0.71
23 Aug 2020	Time	Height		Time	Height		Time	Height
	0329	5.39		0106	3.68		0102	3.38
	1002	0.68		0748	0.91		0719	0.89
	1547	5.37		1330	3.72		1313	3.33
	2226	0.62		2011	0.95		1941	0.82
24 Aug 2020	Time	Height		Time	Height		Time	Height
	0418	5.24		0153	3.51		0144	3.27
	1049	0.85		0833	1.01		0801	1.07
	1640	5.05		1418	3.46		1355	3.13
	2313	0.83		2056	1.08		2021	1.00