



WEATHER FORECAST FOR BN

22 AUG- 25 AUG 2020



WEATHER FORECAST – DHAKA

22.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 25	28 / 25	27 / 25
Wind	11 km/h S	11 km/h S	8 km/h S	7 km/h S
Humidity	84%	84%	87%	89%
Chance of Precip	61%	73%	50%	59%
Cloud Cover	94%	94%	90%	90%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	5: 37 AM 18: 25 PM			

Conditions

Pressure : 1007 hpa

Visibility : 6.44 km

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



WEATHER FORECAST – CHATTOGRAM

22.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	29 / 26	27 / 26	27 / 26
Wind	14 km/h SSW	14 km/h SSW	11 km/h S	9 km/h SSE
Humidity	87%	87%	92%	94%
Chance of Precip.	19%	24%	76%	85%
Cloud Cover	91%	93%	96%	94%
Conditions	Rain	Rain	Rain	Rain
Sunrise	5: 32 AM			
Sunset	18: 18 PM			

Conditions

Pressure : 1009 hpa

Visibility : 11.27 Km

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



WEATHER FORECAST – KHULNA

22.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	28 / 27	27 / 27	27 / 27
Wind	13 km/h SW	12 km/h SW	7 km/h SSW	4 km/h SSW
Humidity	93%	94%	97%	97%
Chance of Precip.	32%	22%	38%	51%
Cloud Cover	96%	96%	96%	95%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	5: 41 AM 18: 29 PM			

Conditions

Pressure : 1006 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 August 2020	24 August 2020	25 August 2020
Temperature (C)	30 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h37m24s/18h24m54s	5h37m42s/18h23m54s	5h38m06s/18h22m54s
Day Length	12h47m30s	12h46m12s	12h44m48s
Moon Rise/ Set	9:45AM 9:43PM	10:48AM 10:25PM	11:51AM 11:10PM
Moon Phase/ illu	Waxing Crescent, 29%	Waxing Crescent, 40%	First Quarter, 52%
NauticalTwilight	04:46,19:15	04:46,19:14	04:47,19:13
Civil Twilight	05:13,18:47	05:14,18:46	05:15,18:45
Humidity	D : 81% N : 87%	D : 79% N : 86%	D : 78% N : 85%
Barometer (mb)	1005	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	60%	80%
Wind (mph)	9 Km/h S	10 Km/h SSE	12 Km/h ESE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	23 August 2020	24 August 2020	25 August 2020
Temperature (C)	29 °C/ 25 °C	29 °C/ 26 °C	29 °C/ 26 °C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h33m12s/18h17m42s	5h33m30s/18h16m48s	5h33m48s/18h15m48s
Day Length	12h44m30s	12h43m18s	12h42m00s
Moon Rise/ Set	9:38AM 9:38PM	10:40AM 10:20PM	11:43AM 11:06PM
Moon Phase/ illu	Waxing Crescent, 29%	Waxing Crescent, 40%	First Quarter, 52%
Nautical Twilight	04:42, 19:07	04:43, 19:06	04:44, 19:05
Civil Twilight	05:09, 18:40	05:10, 18:39	05:11, 18:38
Humidity	D : 89% N : 95%	D : 89% N : 94%	D : 87% N : 93%
Barometer (mb)	1007	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	90%
Wind (mph)	12 Km/h S	14 Km/h S	13 Km/h SSE

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



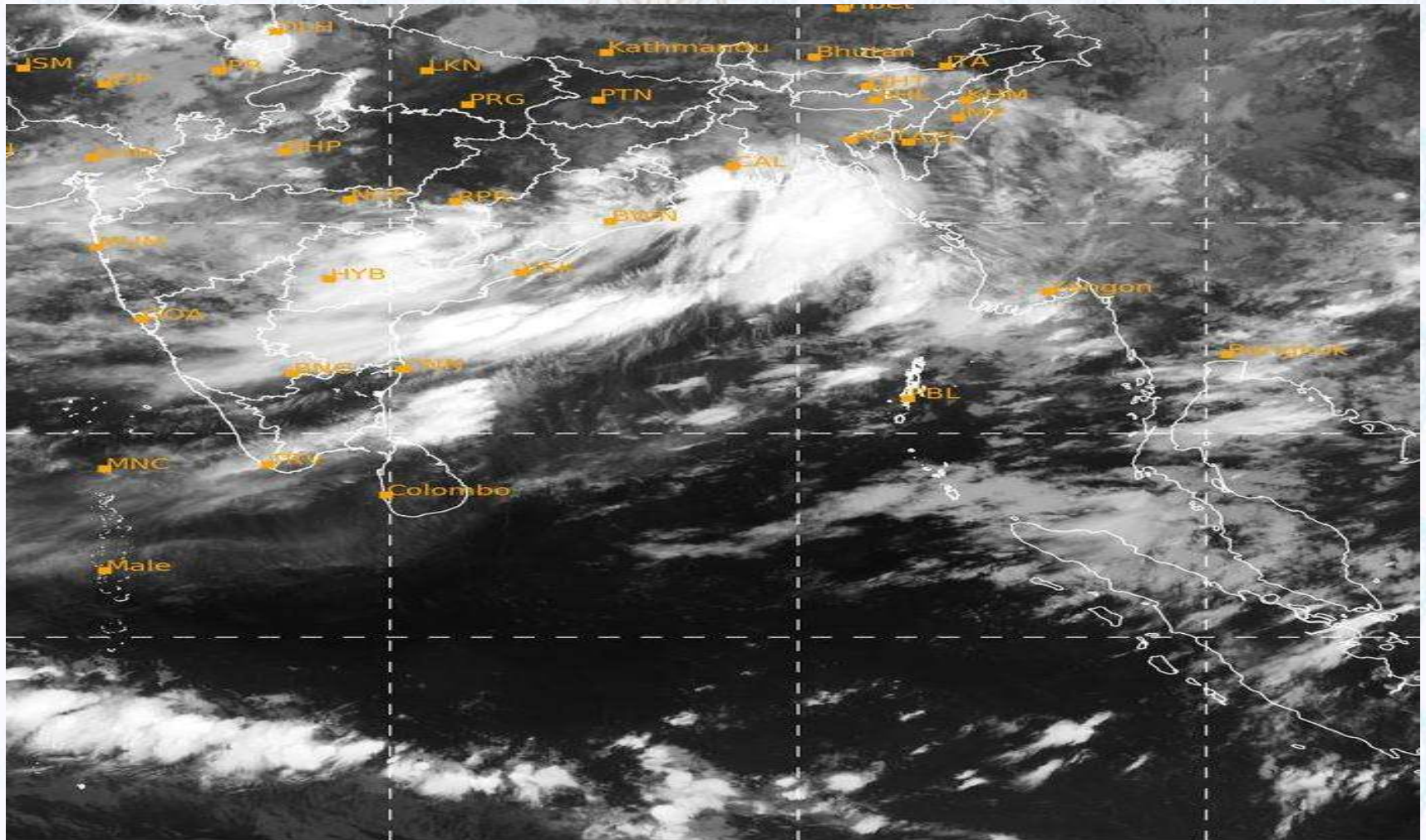
GENERAL WEATHER FORECAST – KHULNA

Description	23 August 2020	24 August 2020	25 August 2020
Temperature(C)	30°C/ 26°C	30°C/ 26°C	31°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h41m48s/18h27m18s	5h42m06s/18h26m24s	5h42m24s/18h25m24s
Day Length	12h45m30s	12h44m18s	12h43m00s
Moon Rise/Set	9:49AM 9:48PM	10:51AM 10:30PM	11:53AM 11:16PM
Moon Phase/illu	Waxing Crescent, 29%	Waxing Crescent, 40%	First Quarter, 52%
NauticalTwilight	04:51, 19:17	04:51, 19:16	04:52, 19:15
Civil Twilight	05:18, 18:50	05:18, 18:49	05:19, 18:49
Humidity	D : 85% N : 91%	D : 85% N : 90%	D : 84% N : 89%
Barometer (mb)	1005	1004	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	80%
Wind (mph)	7 km/h SSW	8 km/h WSW	9 km/h NE

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



SATELLITE VIEW OF BAY OF BENGAL

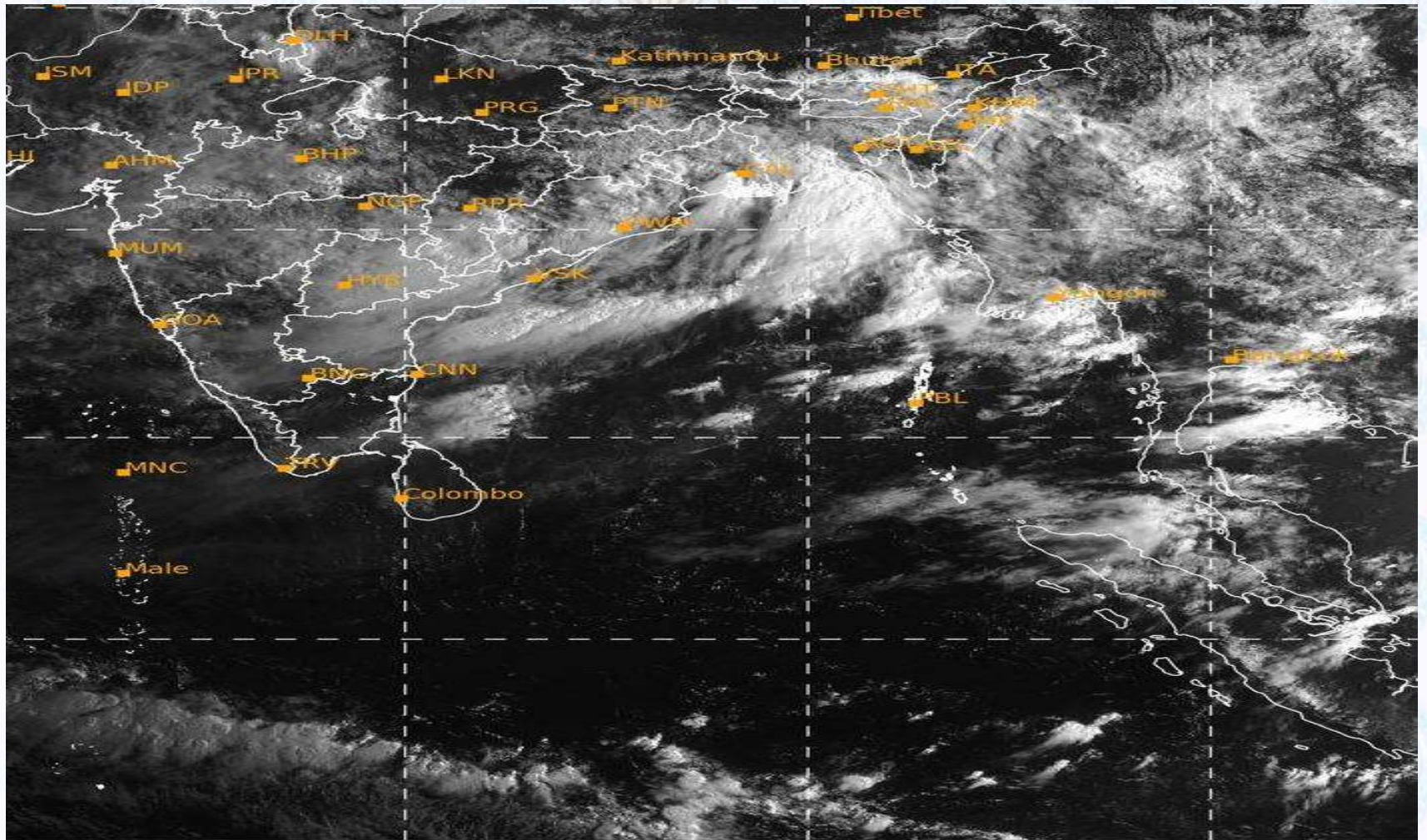


22/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/08/2020, 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 22.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. STEEP PRESSURE GRADIENT AND DEEP CONVECTION PERSIST 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 USTING 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 =1008 HPA



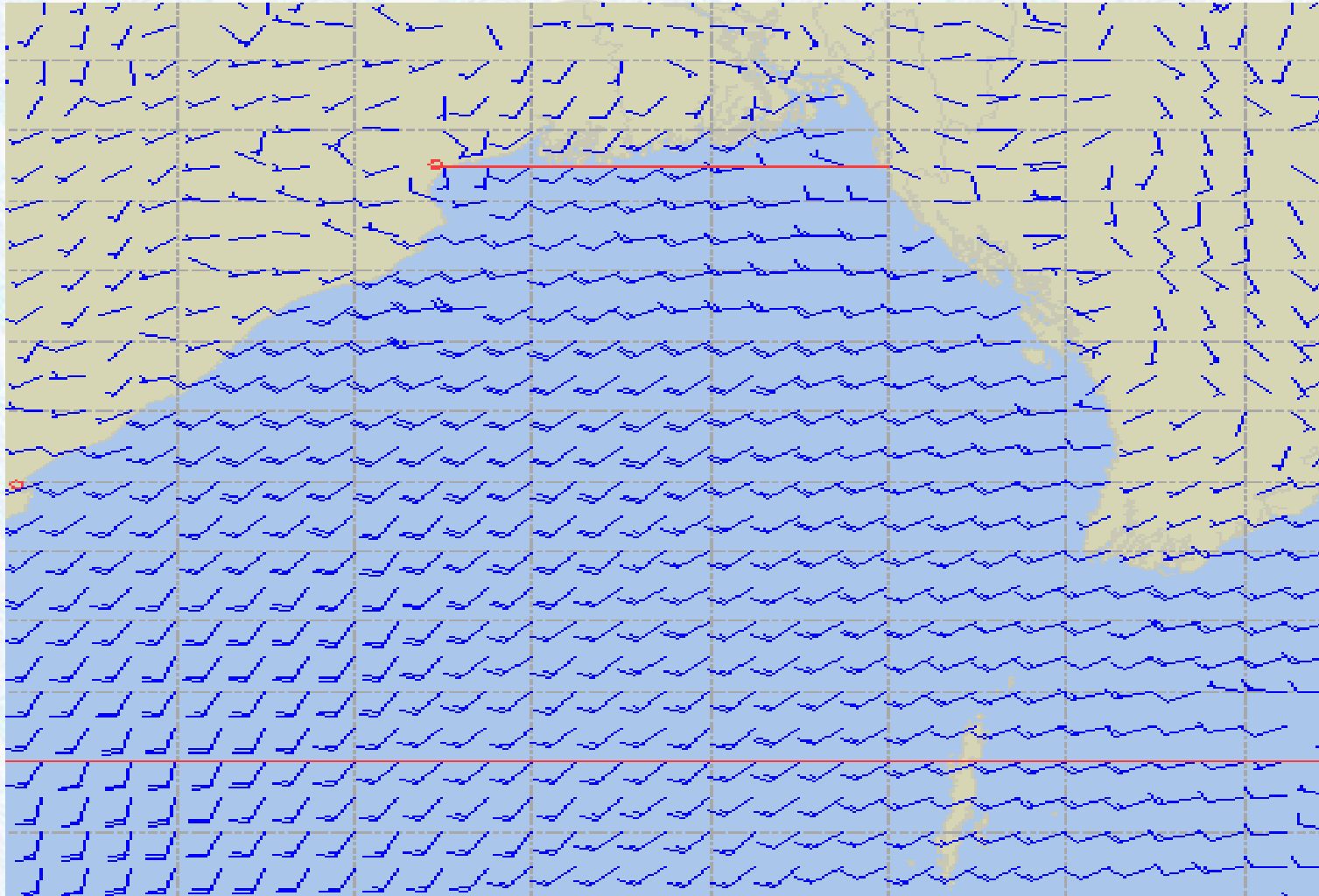
Inland River Port Warning **(VALID TILL 06 PM OF 22.08.2020)**

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, SYLHET, DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO ONE (R) ONE.

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



Surface Wind Forecast- 23 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



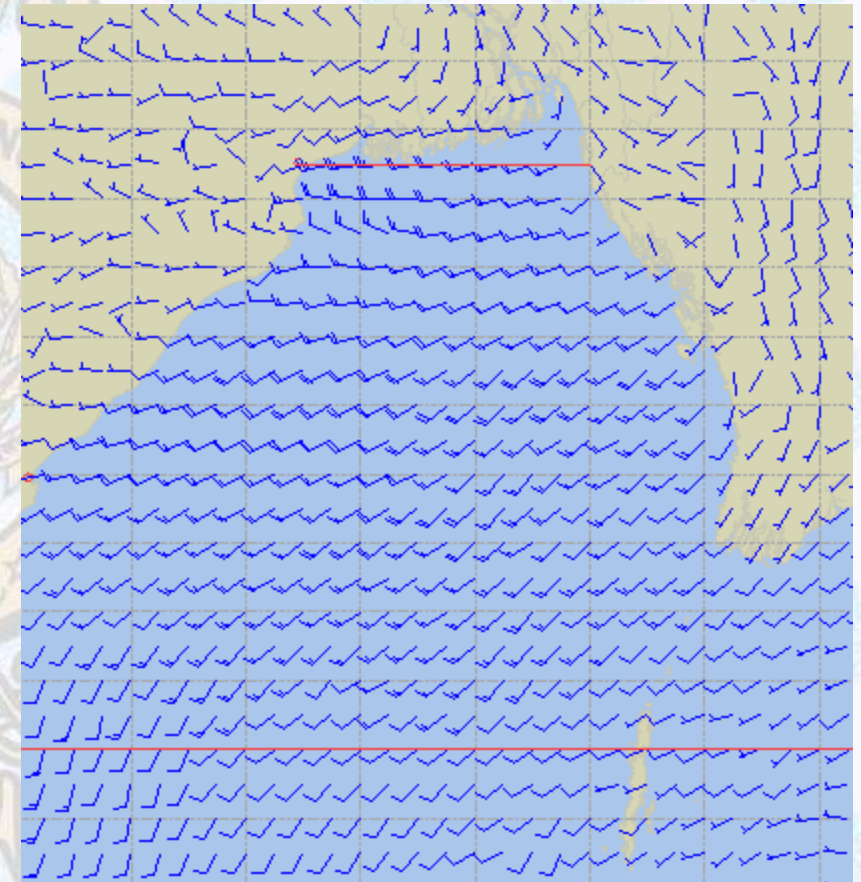
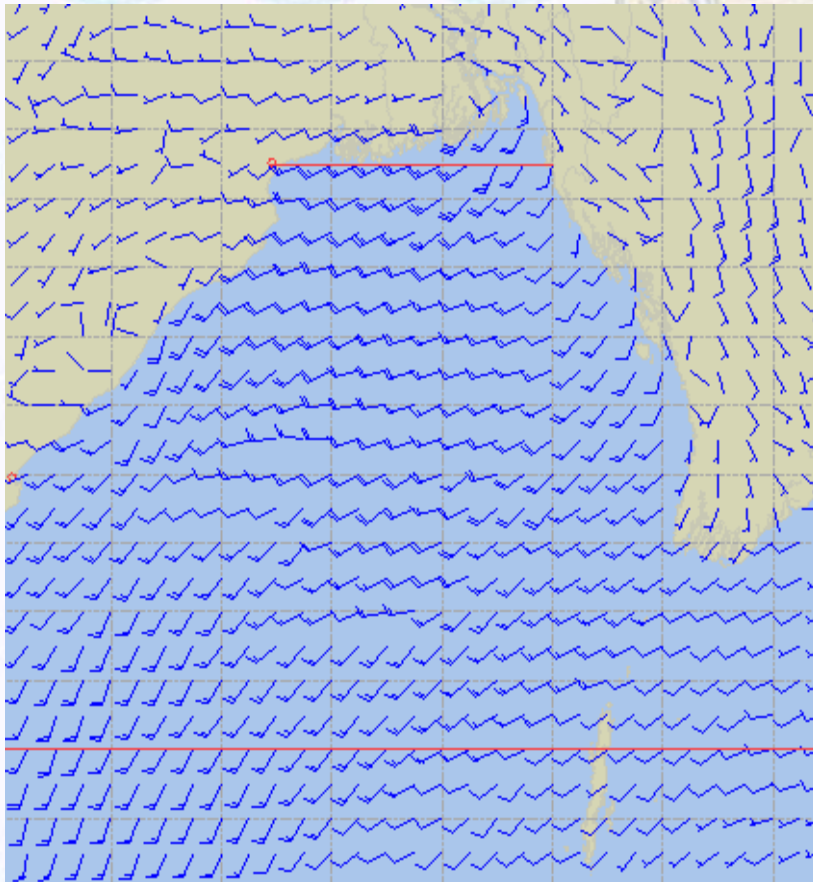
60 Knots



Surface Wind Forecast – 24 & 25 Aug - 2020

24 August 20 Monday

25 August 20 Tuesday



Legend:



**Calm
Winds**



5 Knots



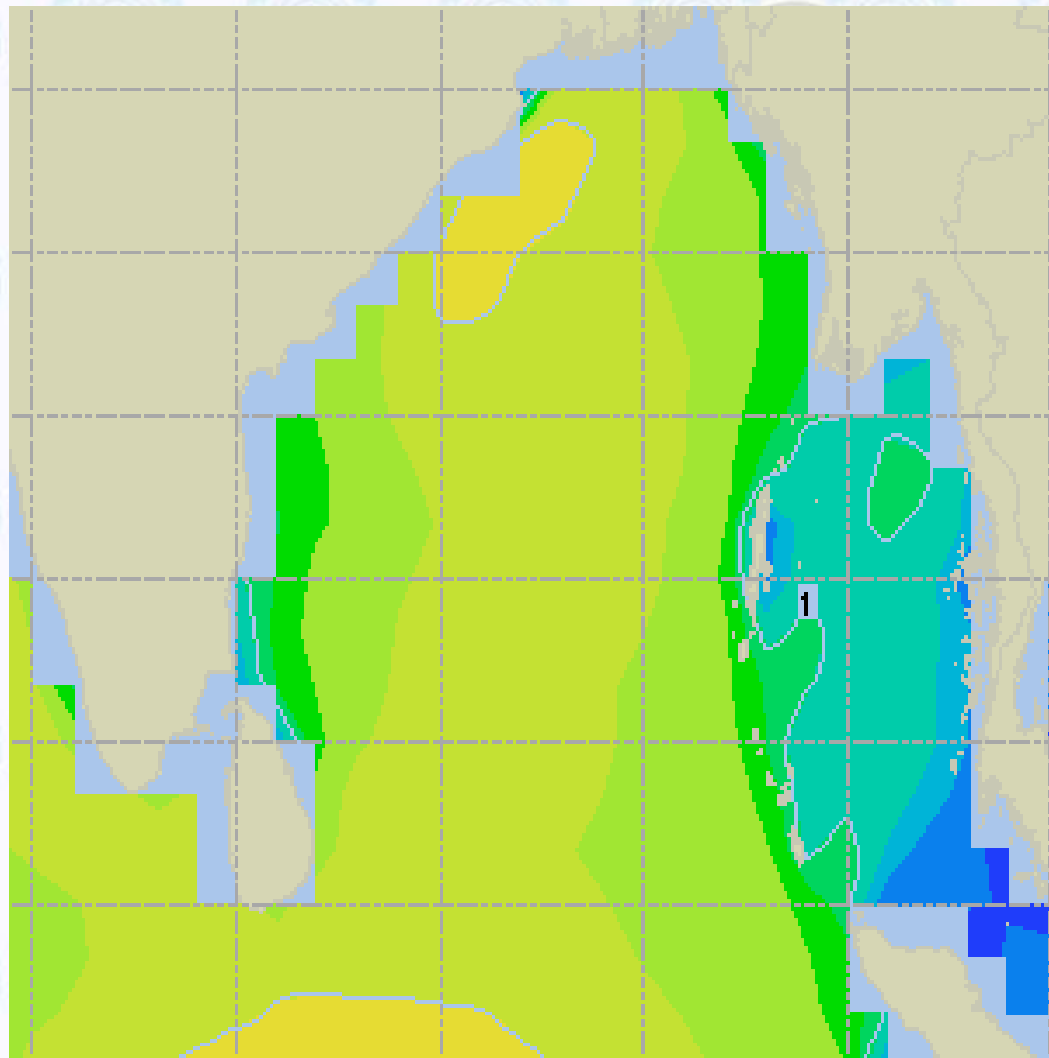
10 Knots



60 Knots



Sea State Forecast – 23 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

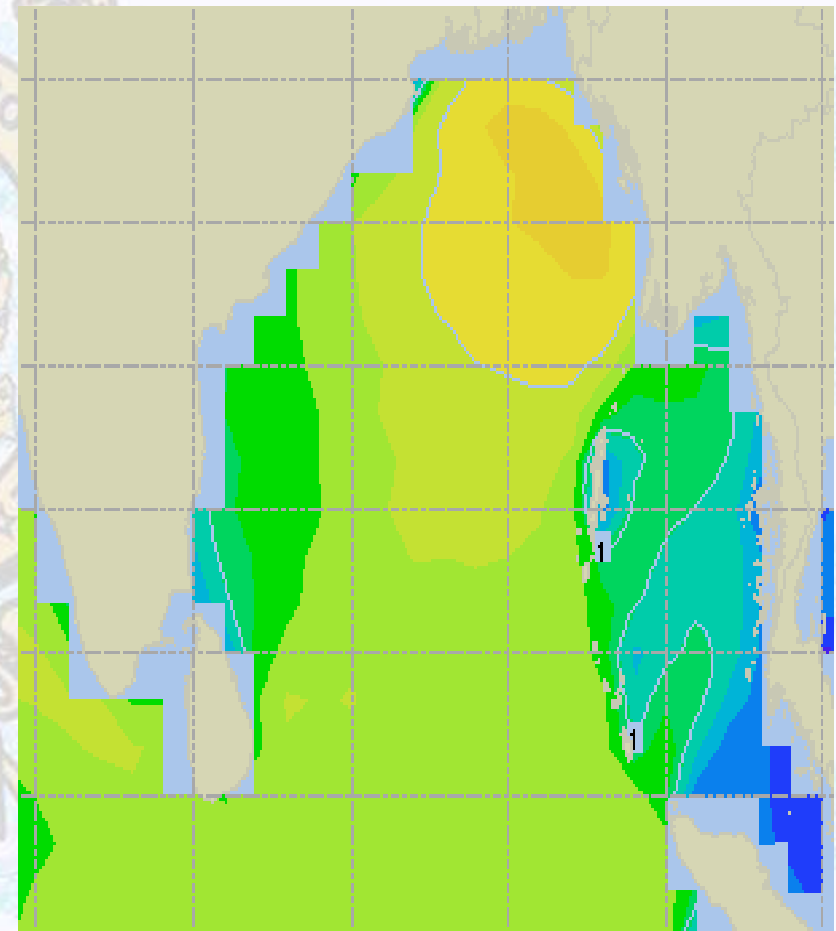
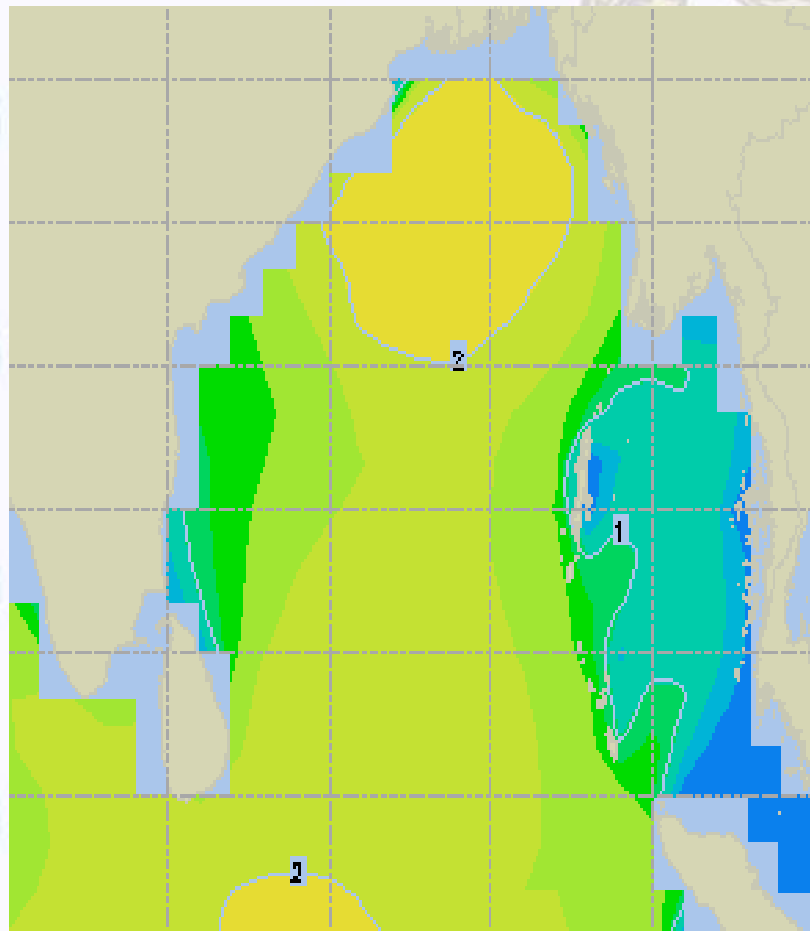




Sea State Forecast – 24 & 25 Aug - 2020

24 August 20 Monday

25 August 20 Tuesday

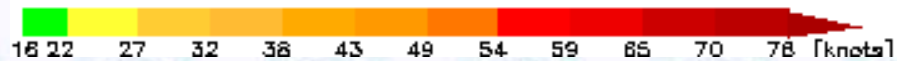
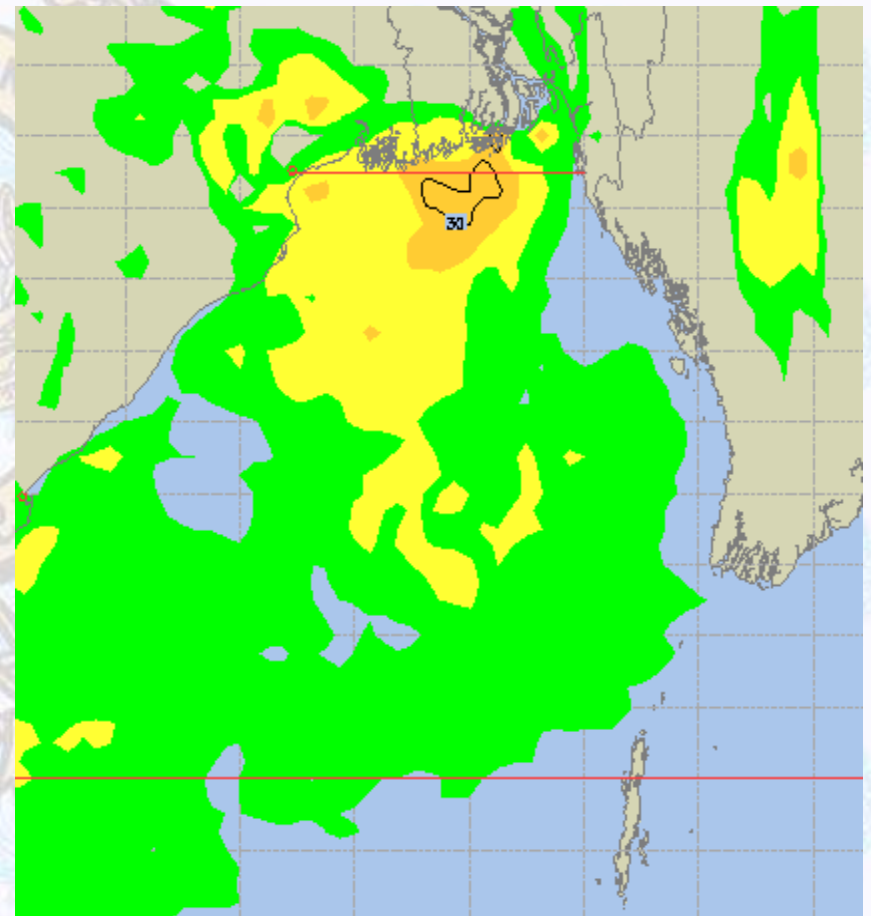
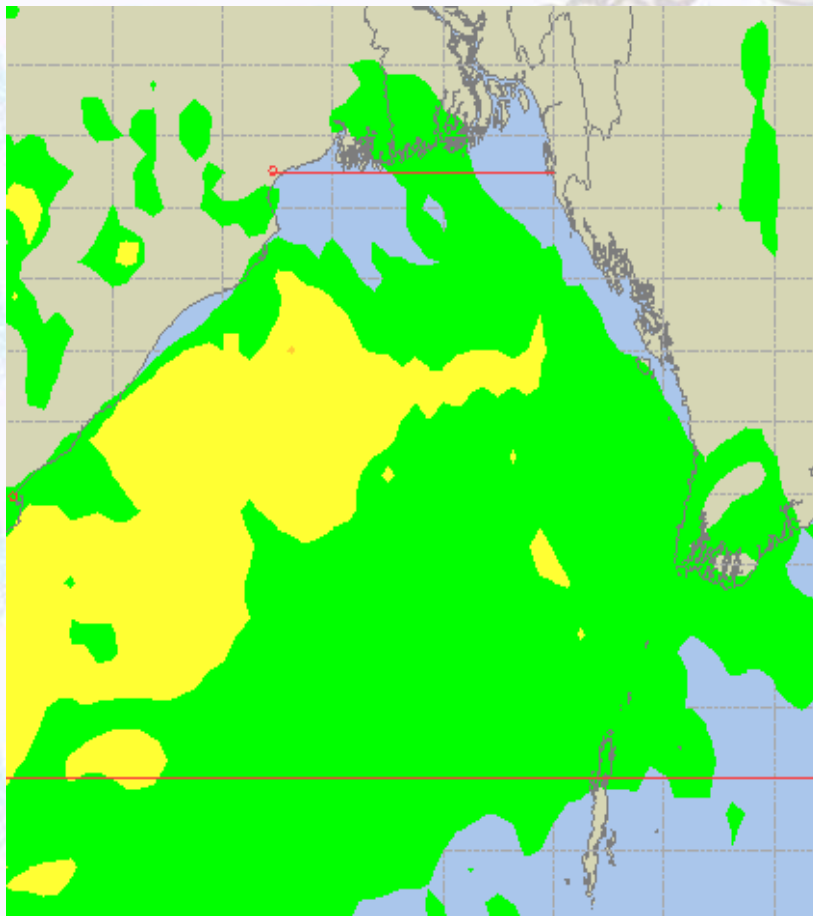




Peak Gusting Possibilities— 23 & 24 Aug 2020

23 August 20 Sunday

24 August 20 Monday

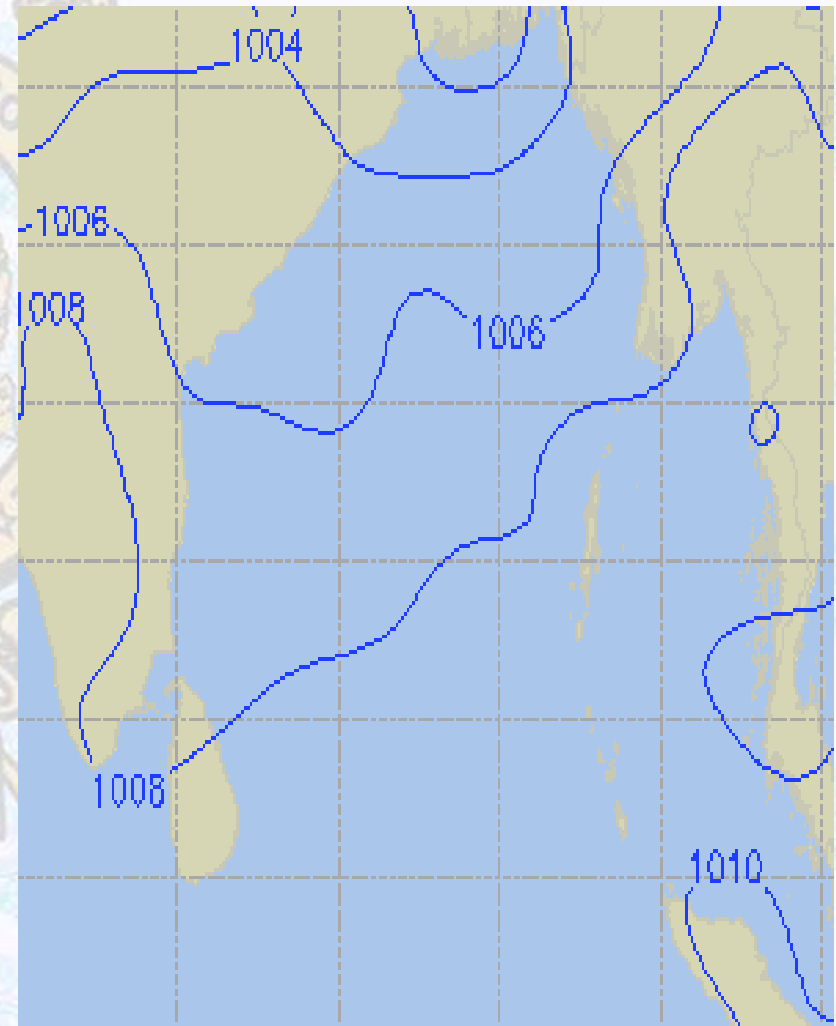
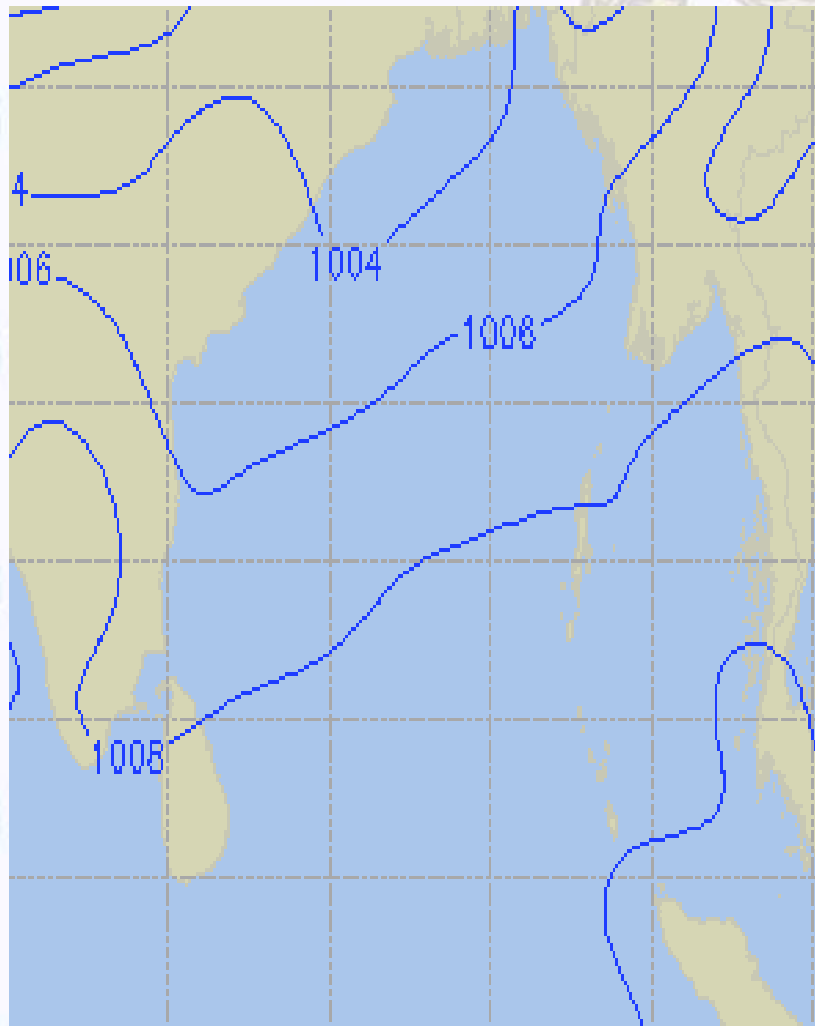




Surface Pressure forecast– 23 & 24 Aug 2020

23 August 20 Sunday

24 August 20 Monday

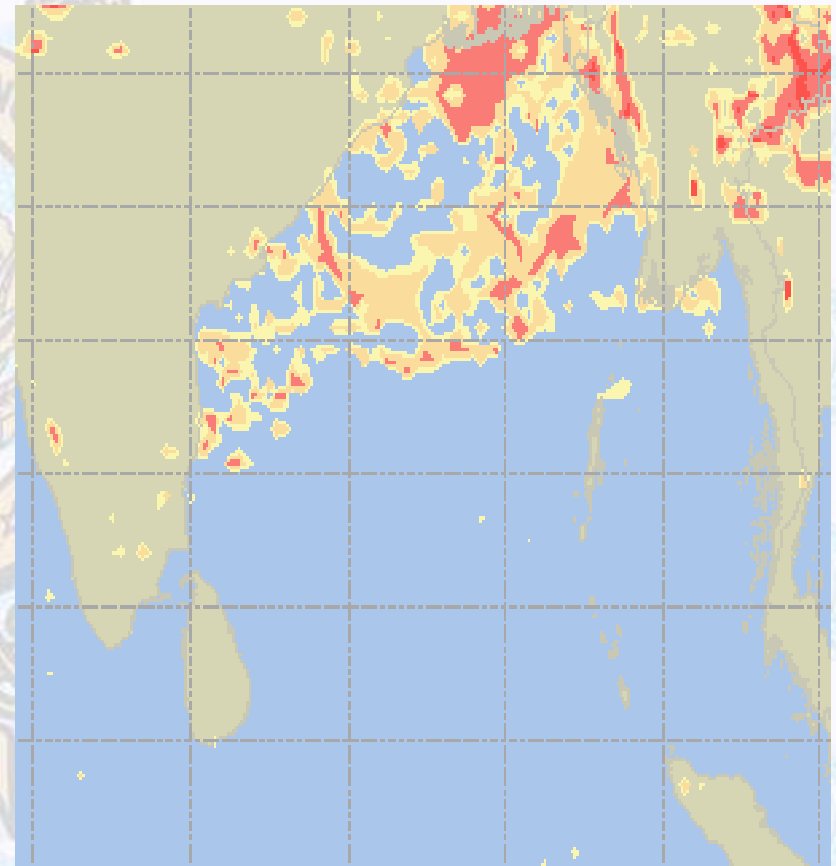
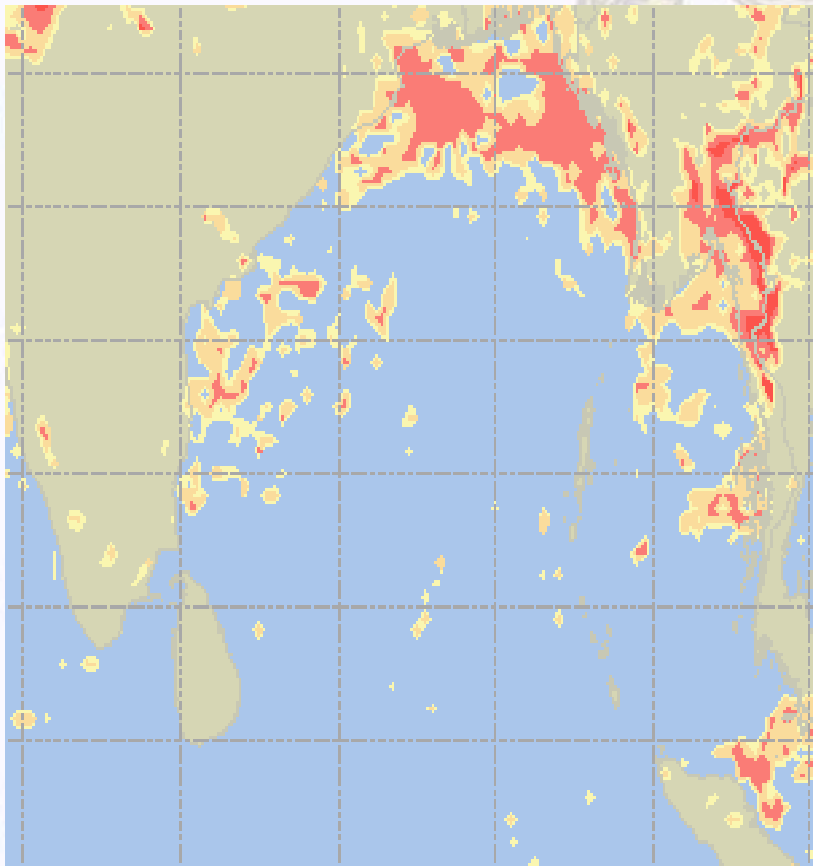




Visibility at Sea Forecast – 23 & 24 Aug 2020

23 August 20 Sunday

24 August 20 Monday



Visibility Scale:

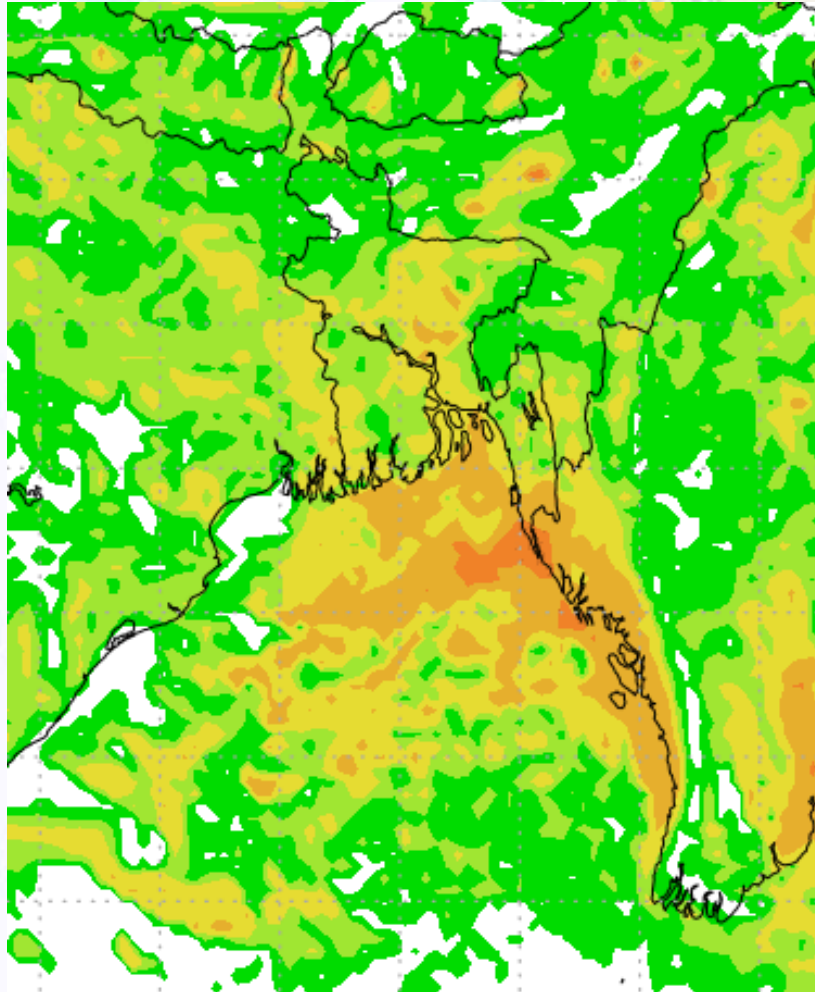


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

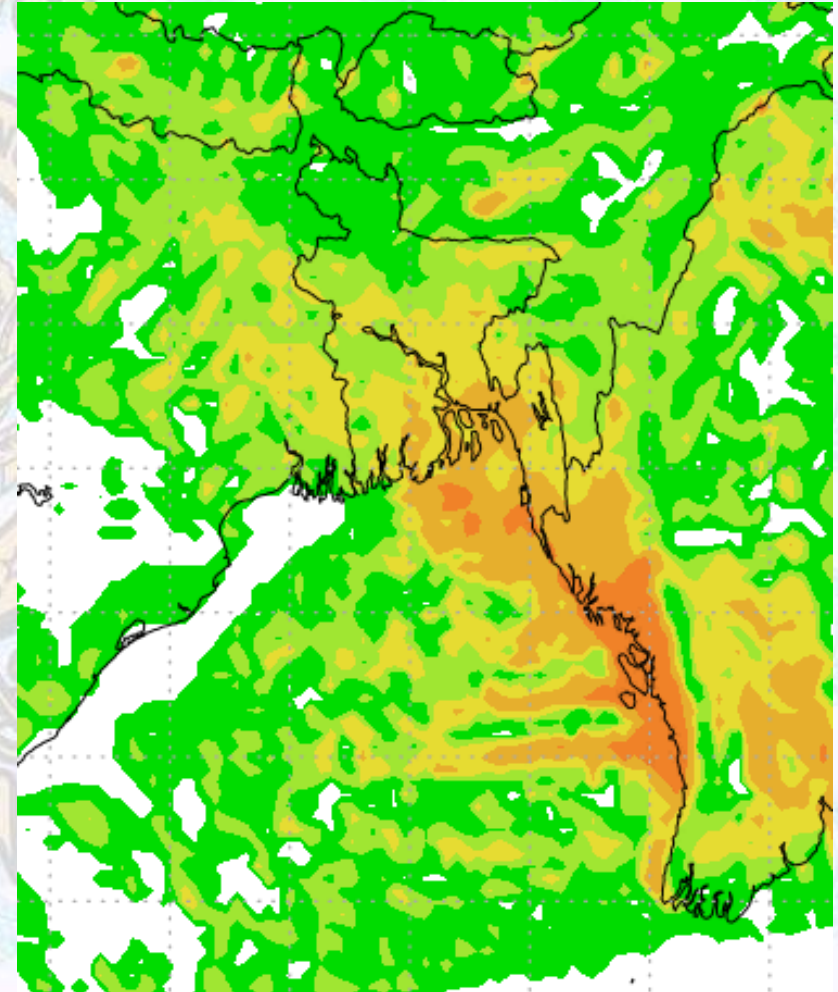


Precipitation

Rain(mm) 23 & 24 Aug 2020



Rain(mm) 24 & 25 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
23 Aug 2020	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
25 Aug 2020	Time	Height		Time	Height		Time	Height
	0515	5.00		0245	3.31		0232	3.11
	1145	1.09		0923	1.15		0850	1.30
	1742	4.65		1512	3.18		1443	2.89
	-	-		2148	1.23		2109	1.22