



WEATHER FORECAST FOR BN

17 AUG- 20 AUG 2020



WEATHER FORECAST – DHAKA

17.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	30 / 26	29 / 25	28 / 25
Wind	19 km/h S	20 km/h S	17 km/h SSE	15 km/h SSE
Humidity	82%	80%	82%	80%
Chance of Precip	27%	50%	37%	45%
Cloud Cover	80%	91%	91%	90%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 34 AM 6: 30 PM			

Conditions

Pressure : 1000 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

17.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	29 / 26	28 / 26	28 / 26
Wind	22 km/h S	23 km/h S	23 km/h SSE	22 km/h SSE
Humidity	90%	88%	92%	90%
Chance of Precip.	25%	45%	74%	86%
Cloud Cover	90%	92%	89%	94%
Conditions	Light Rain	Light Rain	Rain	Rain
Sunrise Sunset	5: 30 AM 6: 22 PM			

Conditions

Pressure : 1003 hpa

Visibility : 8.27 Km

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



WEATHER FORECAST – KHULNA

17.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 28	30 / 28	29 / 27	28 / 27
Wind	19 km/h S	19 km/h S	12 km/h SSE	10 km/h S
Humidity	82%	87%	90%	92%
Chance of Precip.	92%	84%	18%	33%
Cloud Cover	92%	95%	90%	86%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Rain
Sunrise	5: 39 AM			
Sunset	6: 32 PM			

Conditions

Pressure : 999 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	18 August 2020	19 August 2020	20 August 2020
Temperature (C)	31°C/ 26°C	29°C/ 26°C	29°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h35m06s/18h29m18s	5h35m42s/18h28m30s	5h36m18s/18h27m36s
Day Length	12h54m12s	12h52m48s	12h51m18s
Moon Rise/ Set	4:26AM 6:10PM	5:31AM 6:57PM	6:35AM 7:41PM
Moon Phase/ illu	Waning Crescent, 0%	New Moon, 0%	Waxing Crescent, 4%
Nautical Twilight	04:42, 19:23	04:42, 19:23	04:42, 19:23
Civil Twilight	05:11, 18:55	05:11, 18:55	05:11, 18:55
Humidity	D : 81% N : 87%	D : 83% N : 87%	D : 84% N : 87%
Barometer (mb)	1000	998	1001
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	80%	90%
Wind (mph)	16 Km/h SSE	22 Km/h ESE	20 Km/h SE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	18 August 2020	19 August 2020	20 August 2020
Temperature (C)	29°C/ 26°C	28°C/ 26°C	29°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h31m06s/18h21m48s	5h31m42s/18h21m06s	5h32m12s/18h20m12s
Day Length	12h50m42s	12h49m24s	12h48m00s
Moon Rise/ Set	4:22AM 6:02PM	5:27AM 6:49PM	6:30AM 7:34PM
Moon Phase/ illu	Waning Crescent, 0%	New Moon, 0%	Waxing Crescent, 4%
Nautical Twilight	04:38, 19:17	04:38, 19:17	04:38, 19:17
Civil Twilight	05:04, 18:48	05:04, 18:48	05:04, 18:48
Humidity	D : 90% N : 93%	D : 91% N : 93%	D : 90% N : 92%
Barometer (mb)	1001	1000	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	100%	100%	100%
Wind (mph)	24 Km/h S	24 Km/h SSE	25 Km/h SSE

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



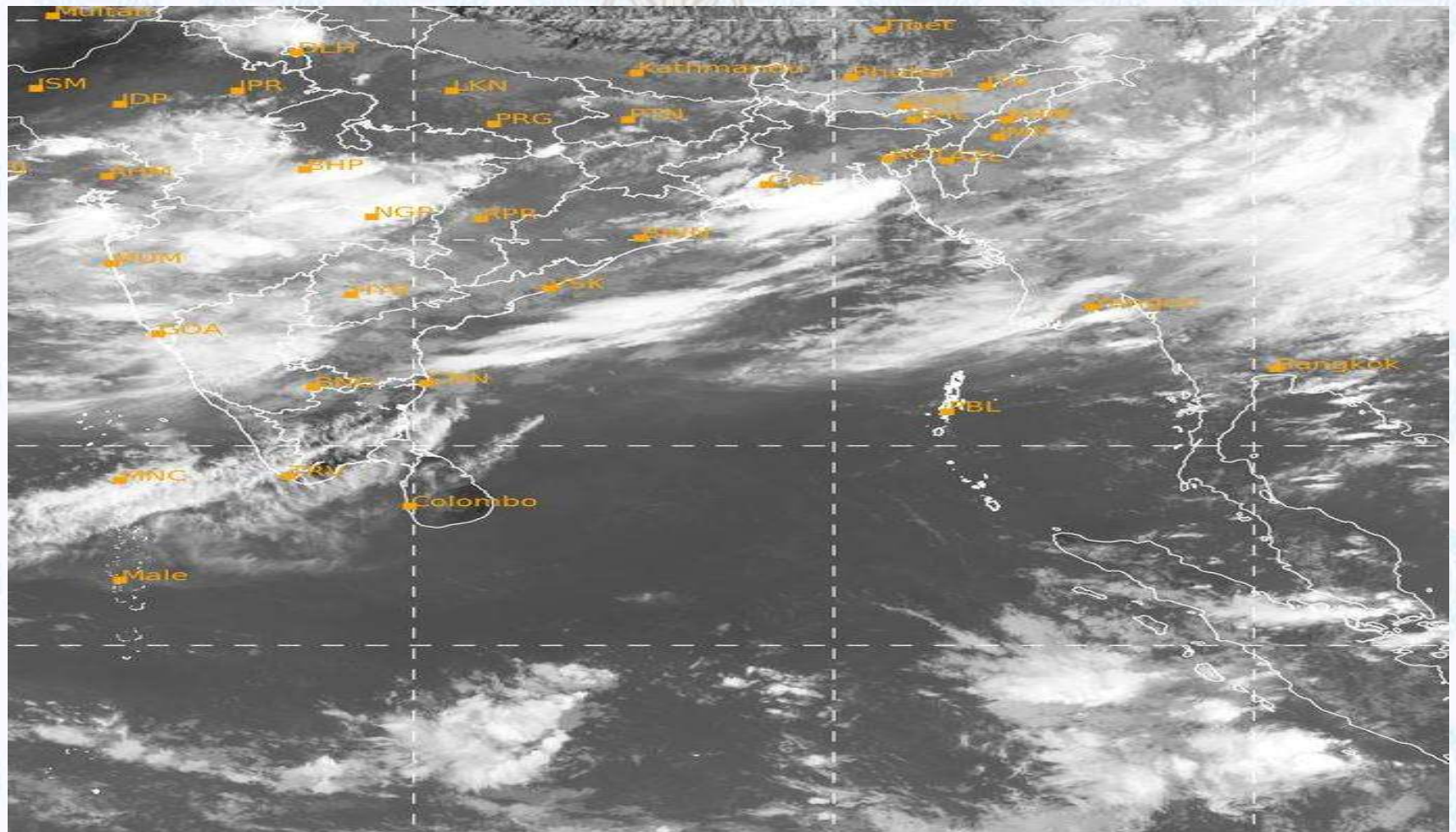
GENERAL WEATHER FORECAST – KHULNA

Description	18 August 2020	19 August 2020	20 August 2020
Temperature(C)	30°C/ 26°C	29°C/ 26°C	29°C/ 27°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h39m42s/18h31m36s	5h40m18s/18h30m48s	5h40m48s/18h29m54s
Day Length	12h51m54s	12h50m30s	12h49m06s
Moon Rise/Set	4:32AM 6:12PM	5:37AM 7:00PM	6:40AM 7:44PM
Moon Phase/illu	Waning Crescent, 0%	New Moon, 0%	Waxing Crescent, 4%
Nautical Twilight	04:47, 19:24	04:47, 19:24	04:47, 19:24
Civil Twilight	05:15, 18:57	05:15, 18:57	05:15, 18:57
Humidity	D : 84% N : 91%	D : 86% N : 90%	D : 89% N : 90%
Barometer (mb)	999	997	1000
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	100%
Wind (mph)	13 km/h S	13 km/h SE	15 km/h SSE

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



SATELLITE VIEW OF BAY OF BENGAL

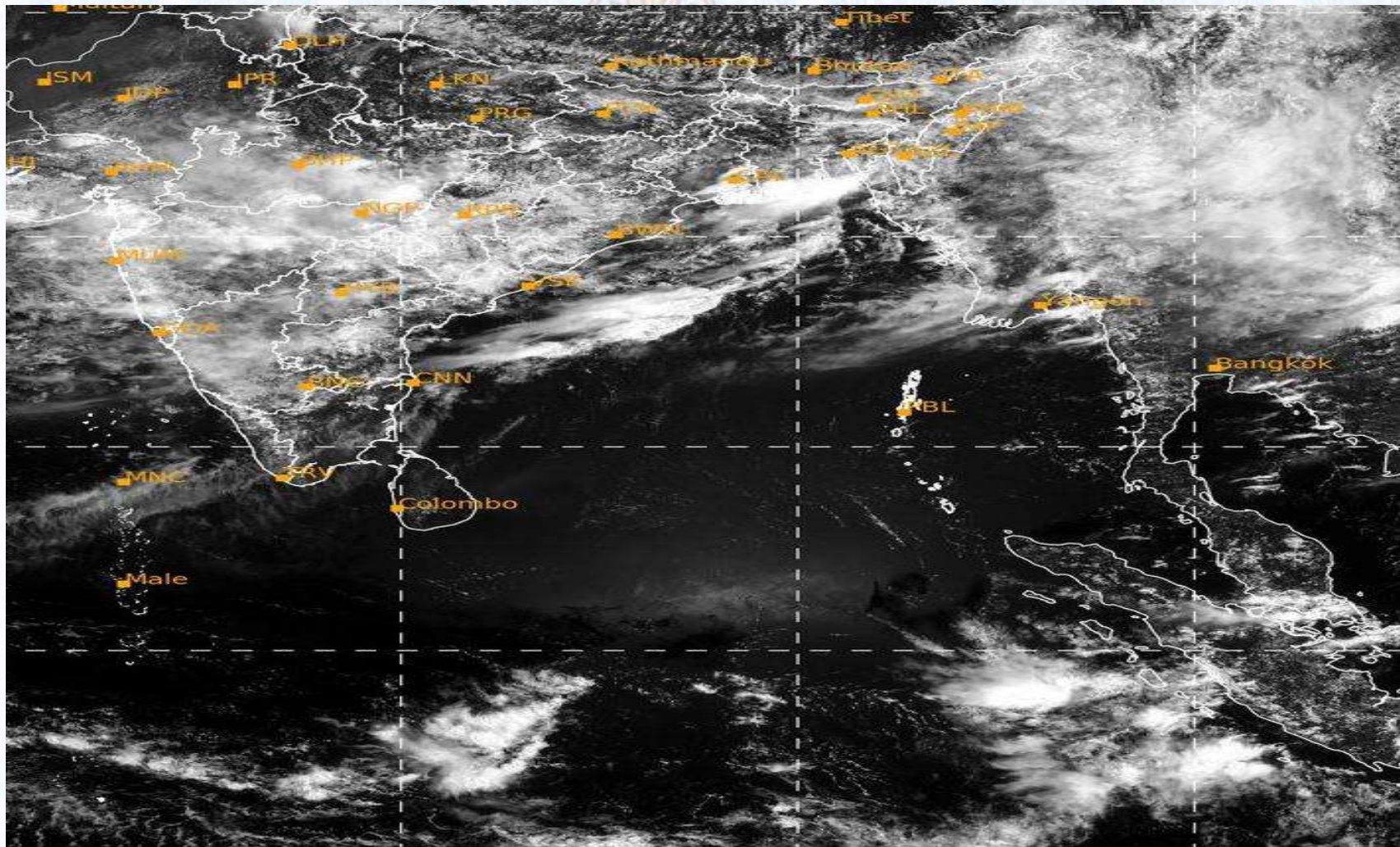


17/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/08/2020, 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 17.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	STEEP PRESSUR GRADIENT PERSIST OVER NORTH BAY. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH /SOUTH-WESTERLY, 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 =1000 HPA



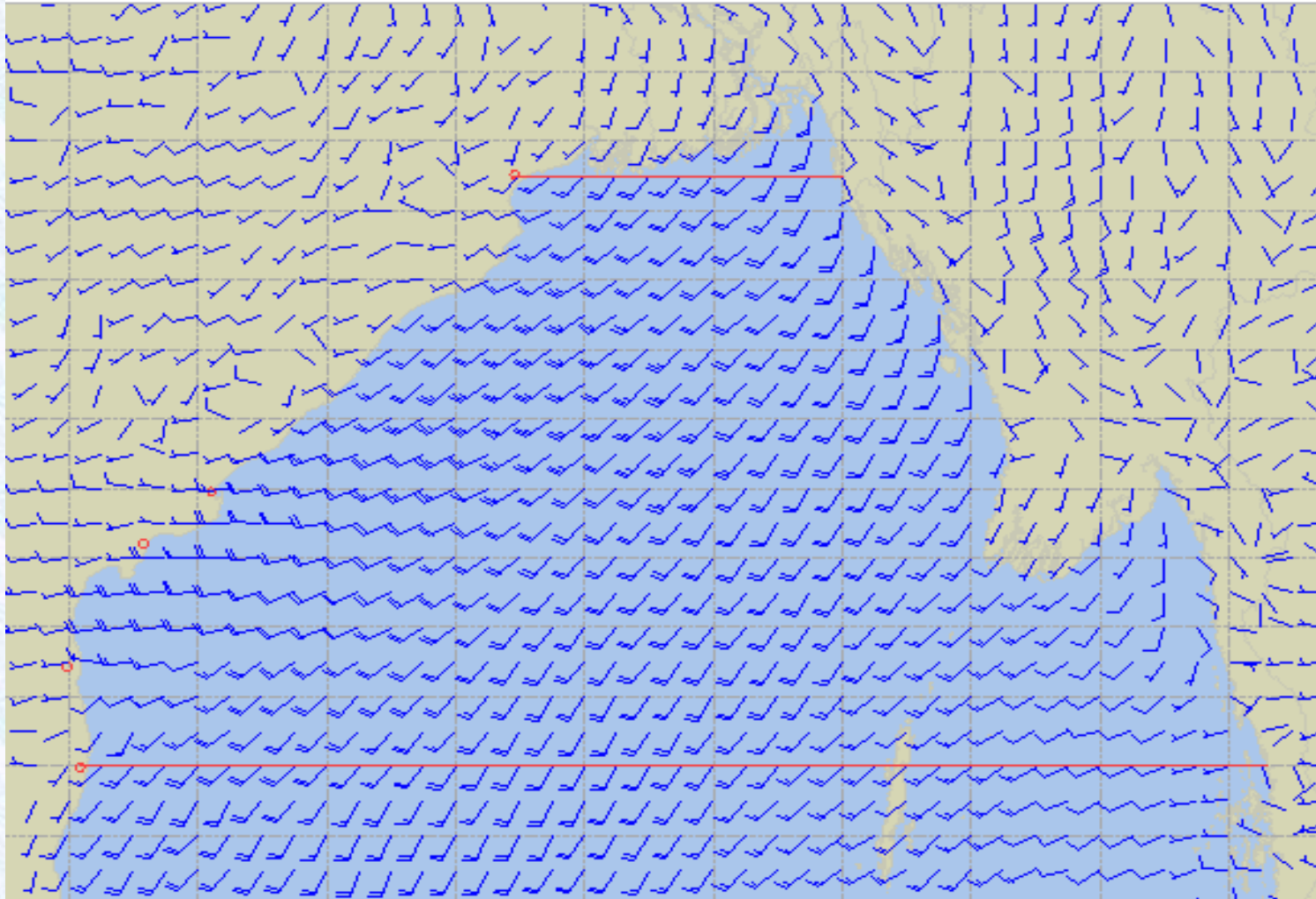
Inland River Port Warning **(VALID TILL 06 PM OF 17.08.2020)**

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, FARIDPUR, DHAKA, JASHORE, KUSHTIA, 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- 18 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



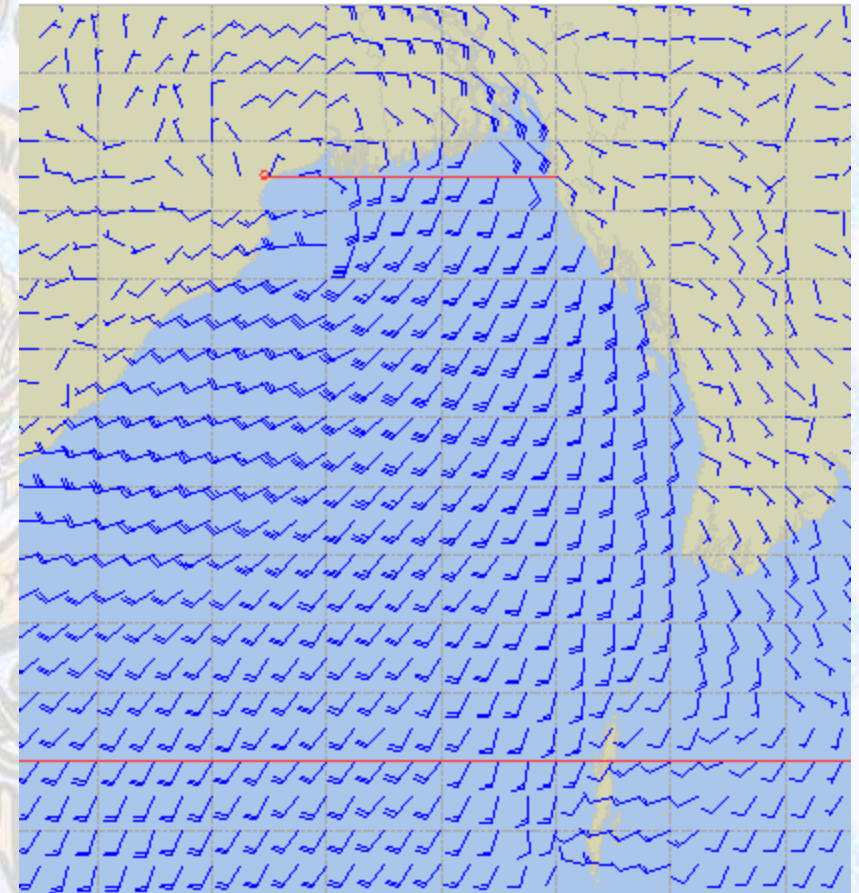
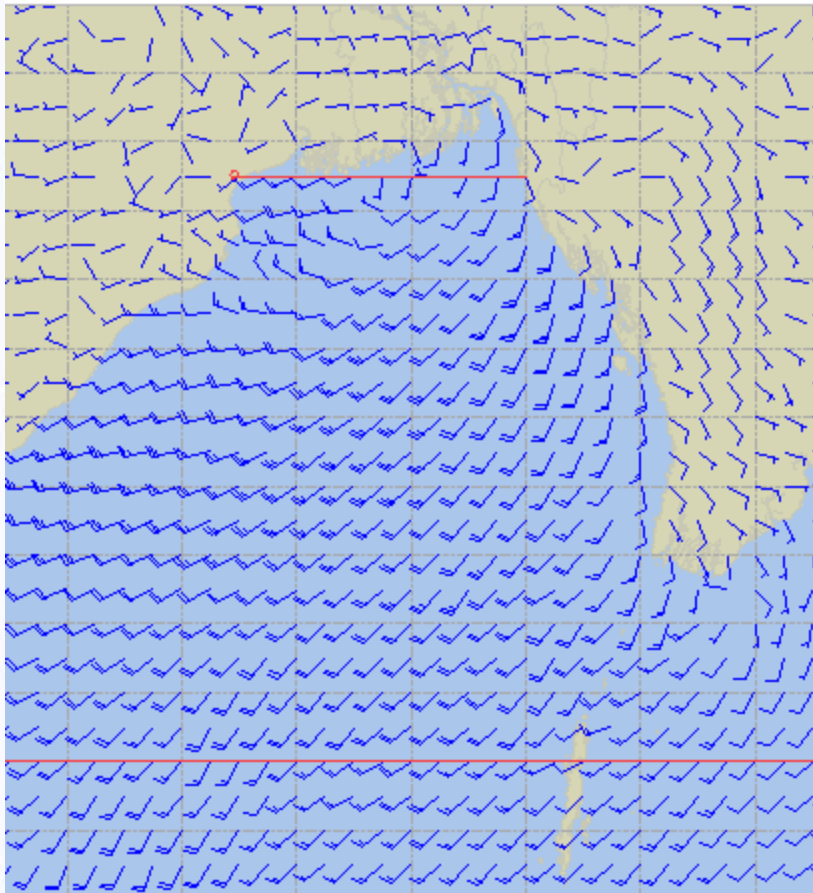
60 Knots



Surface Wind Forecast – 19 & 20 Aug - 2020

19 August 20 Wednesday

20 August 20 Thursday



Legend:



Calm
Winds



5 Knots



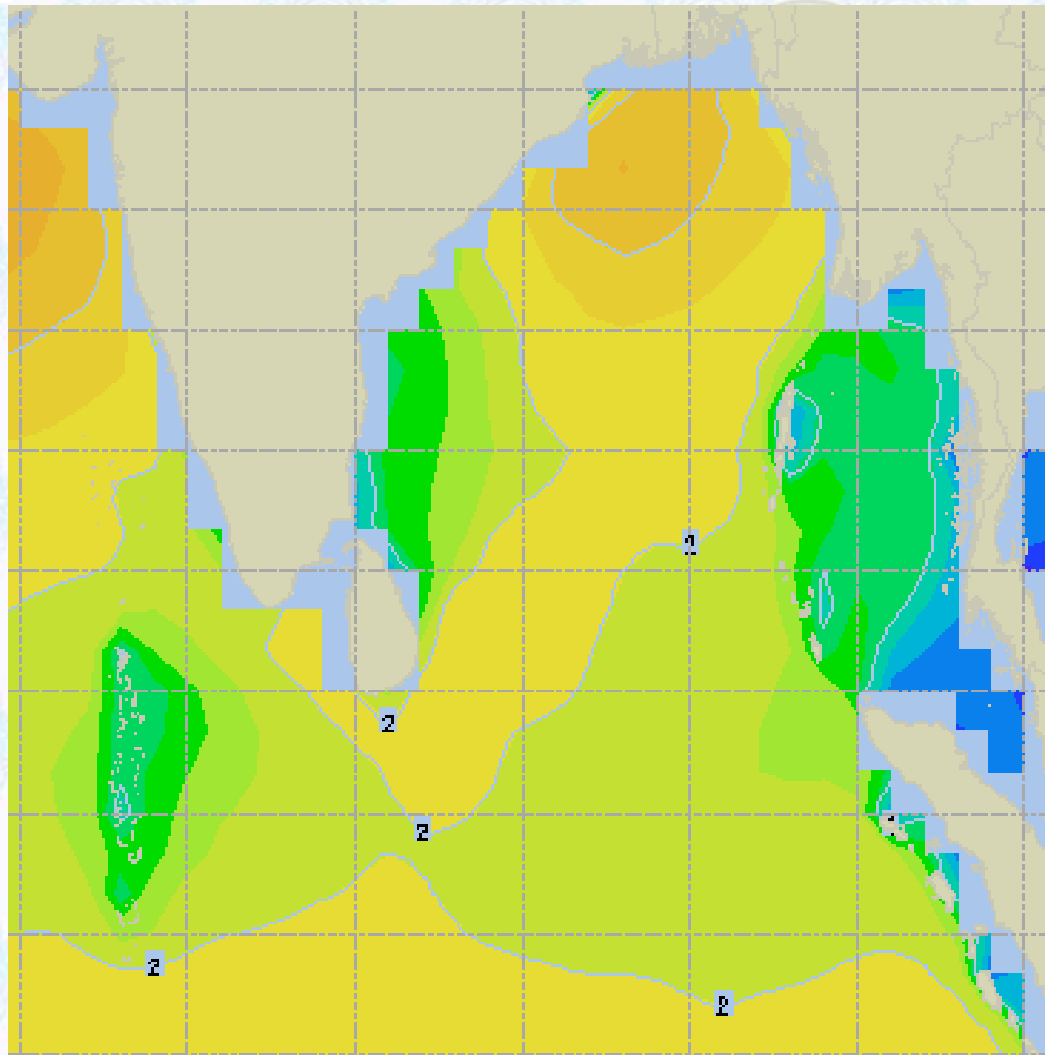
10 Knots



60 Knots



Sea State Forecast – 18 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

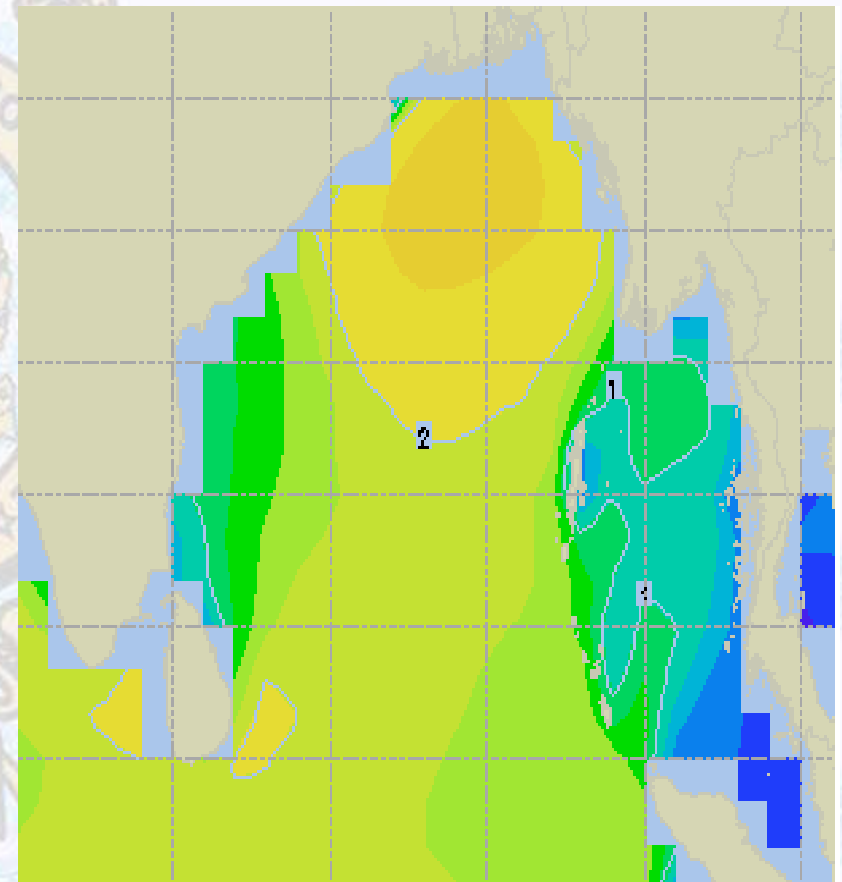
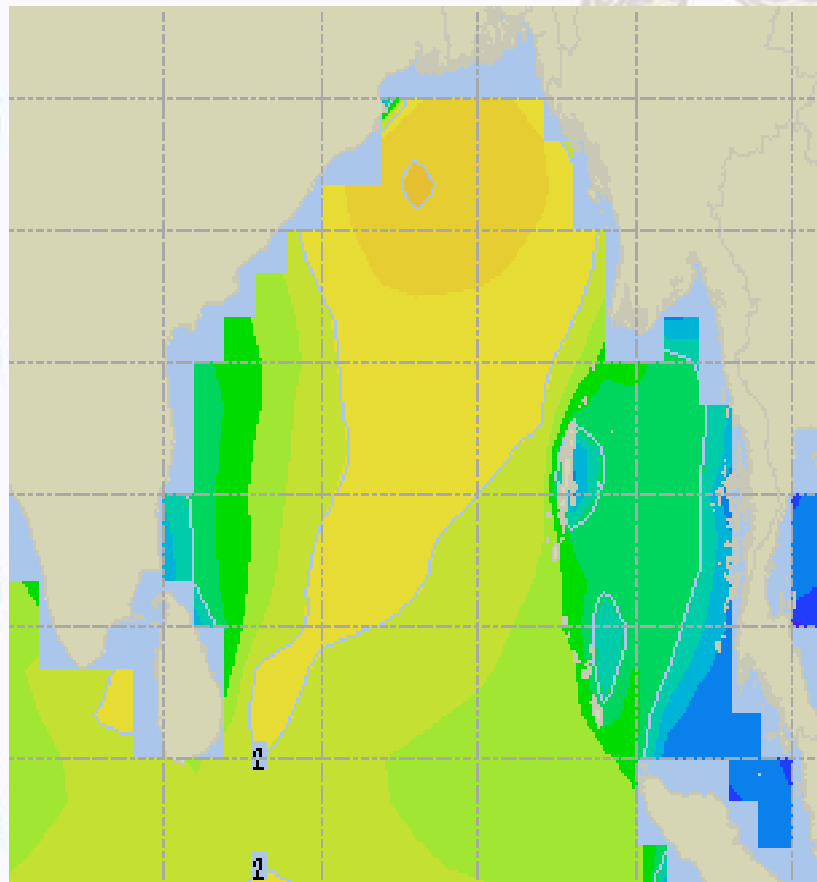




Sea State Forecast – 19 & 20 Aug - 2020

19 August 20 Wednesday

20 August 20 Thursday

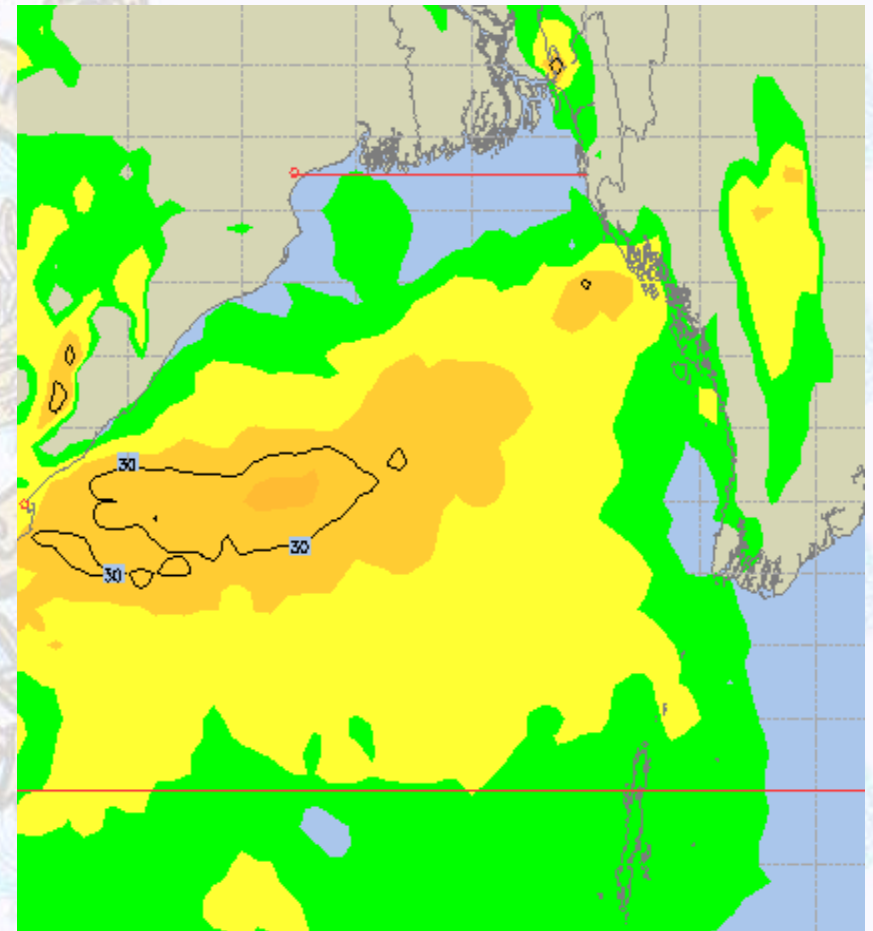
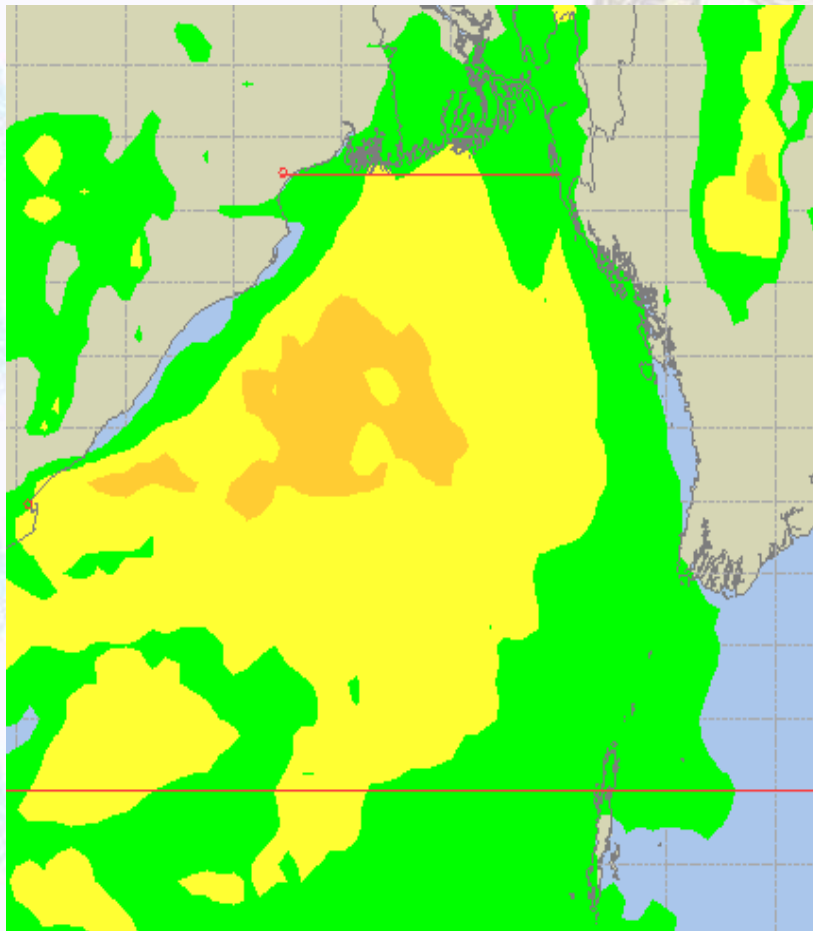




Peak Gusting Possibilities– 18 & 19 Aug 2020

18 August 20 Tuesday

19 August 20 Wednesday

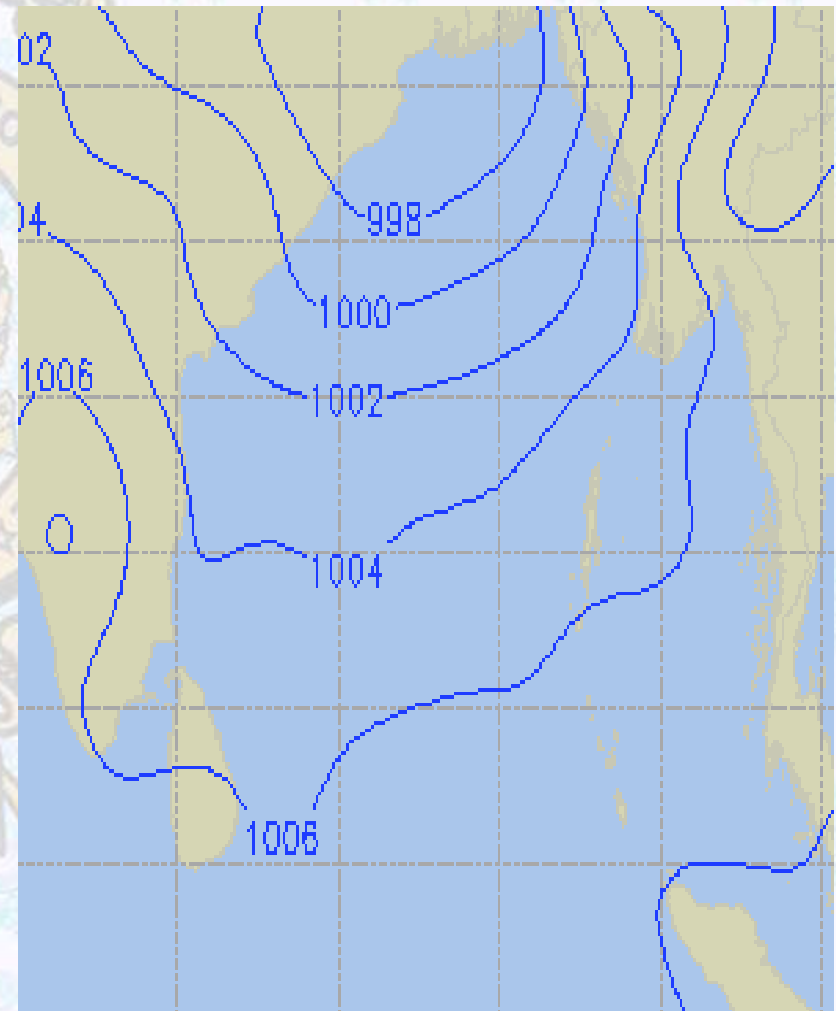
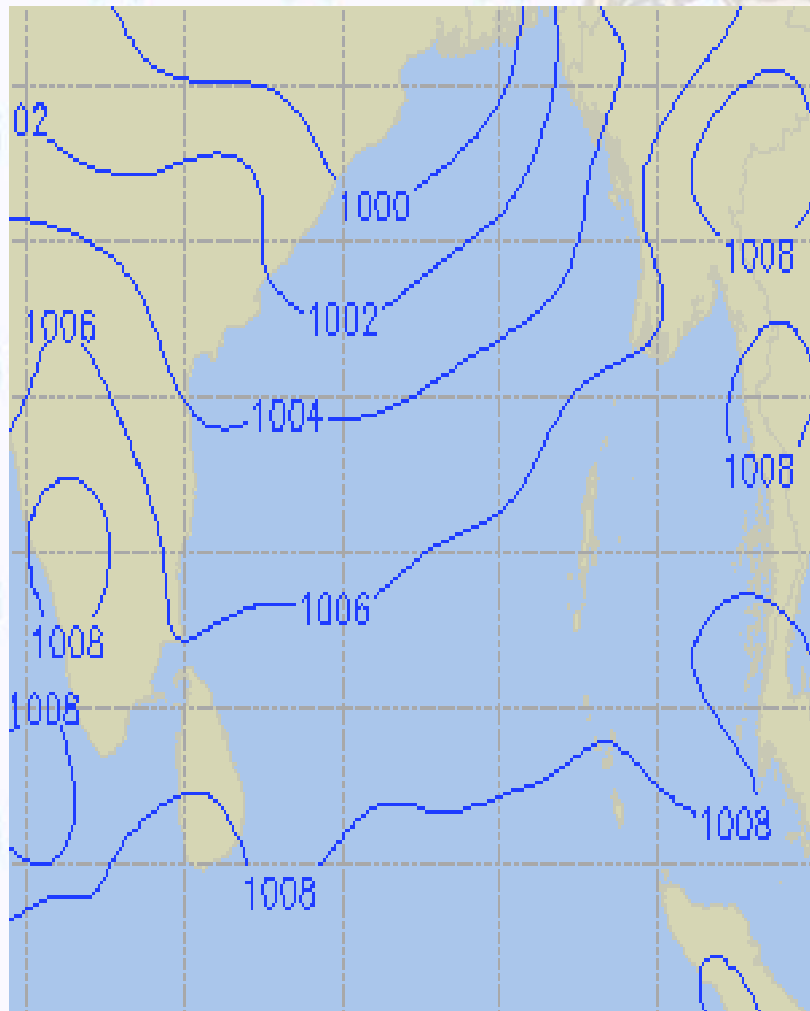




Surface Pressure forecast– 18 & 19 Aug 2020

18 August 20 Tuesday

19 August 20 Wednesday

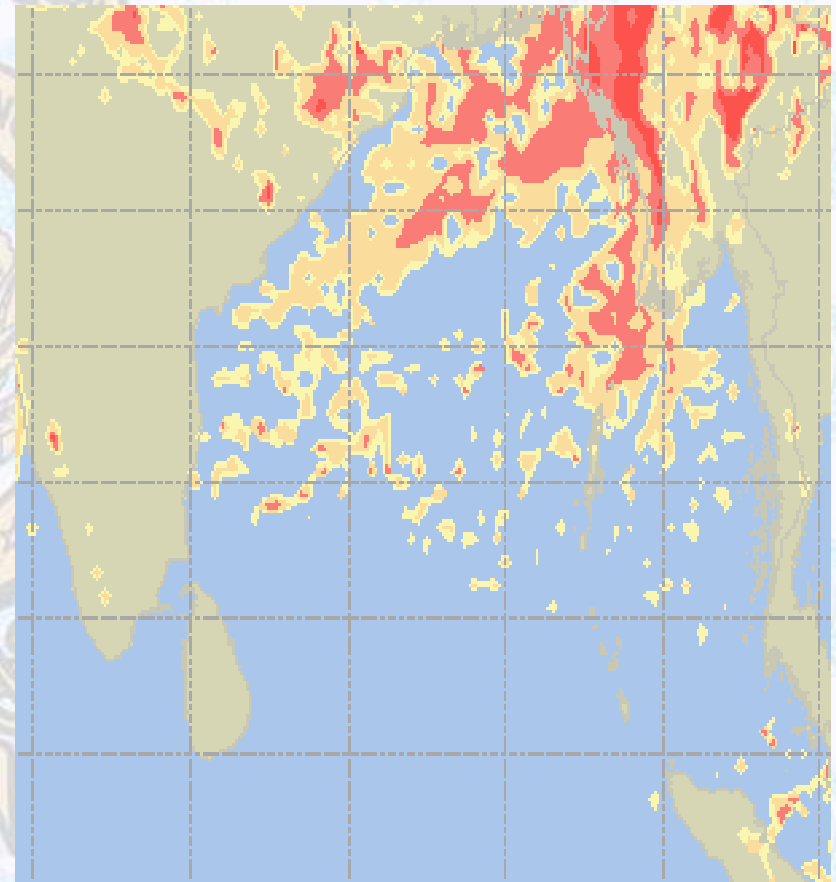
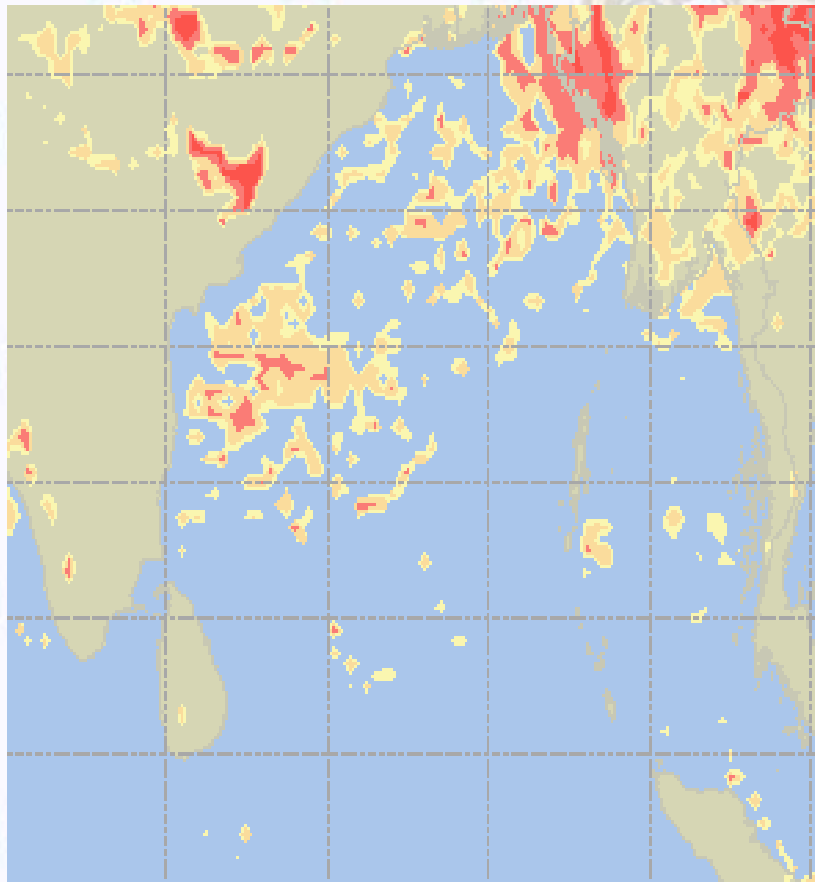




Visibility at Sea Forecast – 18 & 19 Aug 2020

18 August 20 Tuesday

19 August 20 Wednesday



Visibility Scale:

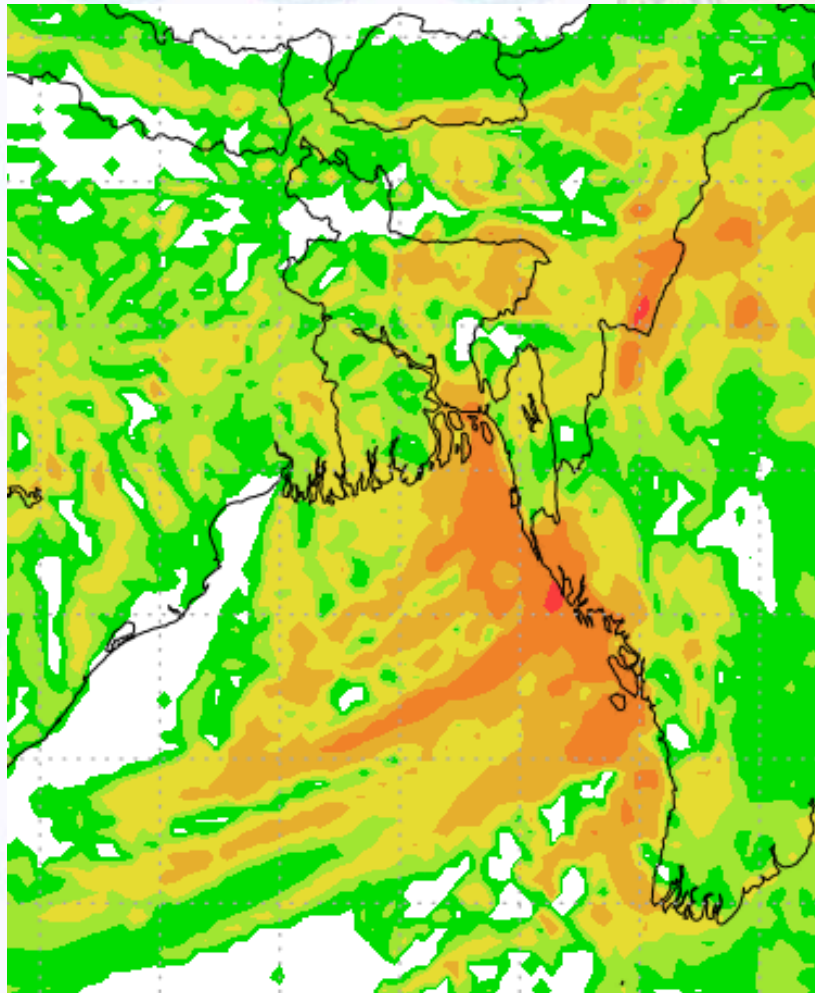


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

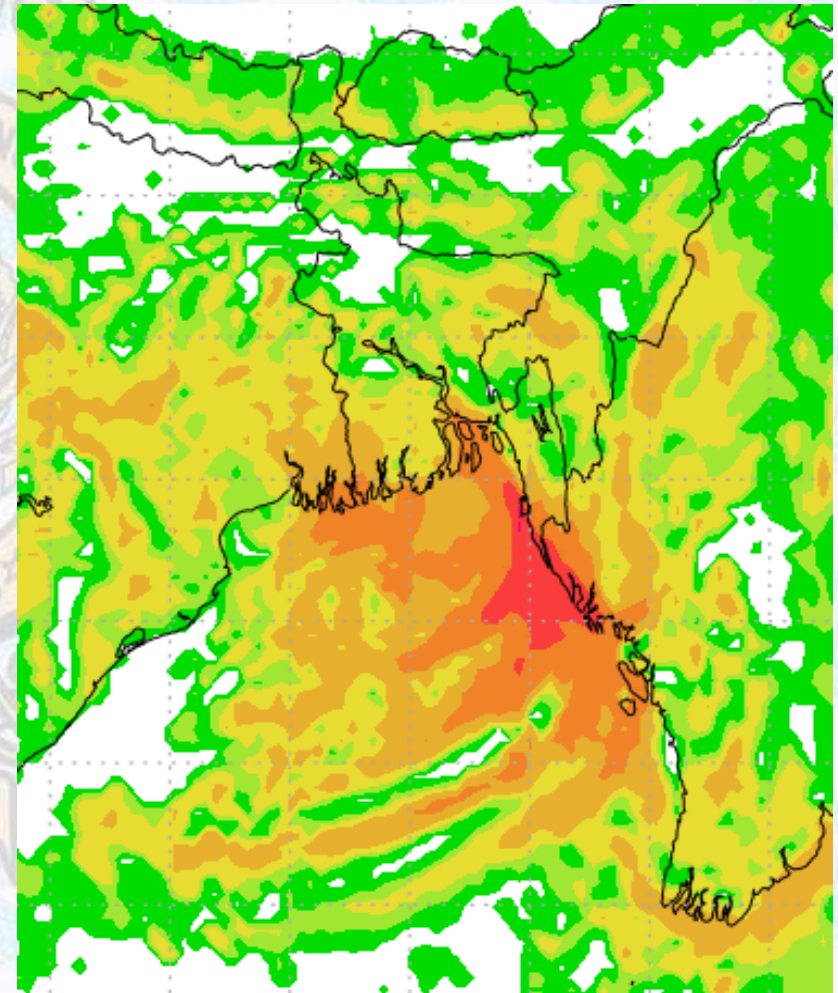


Precipitation

Rain(mm) 18 & 19 Aug 2020



Rain(mm) 19 & 20 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
18 Aug 2020	0015	4.81		0418	1.11		0349	1.05
	0633	1.02		1005	3.79		0958	3.39
	1225	5.33		1647	1.06		1634	1.02
	1912	0.94		2220	3.56		2224	3.19
19 Aug 2020	Time	Height		Time	Height		Time	Height
	0053	5.05		0502	0.98		0435	0.89
	0717	0.85		1045	3.96		1038	3.51
	1303	5.51		1729	0.95		1713	0.85
	1951	0.78		2259	3.72		2303	3.32
20 Aug 2020	Time	Height		Time	Height		Time	Height
	0129	5.24		0544	0.89		0518	0.79
	0758	0.71		1124	4.04		1117	3.56
	1340	5.62		1809	0.88		1750	0.73
	2029	0.65		2339	3.79		2342	3.40