



WEATHER FORECAST FOR BN

20 AUG- 23 AUG 2020





WEATHER FORECAST – DHAKA

20.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 25	29 / 25	28 / 25	27 / 25
Wind	24 km/h ESE	20 km/h SE	11 km/h SE	10 km/h SE
Humidity	82%	80%	82%	87%
Chance of Precip	57%	34%	68%	45%
Cloud Cover	85%	87%	91%	94%
Conditions	Cloudy/ Light Rain	Cloudy/ Light Rain	Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 36 AM 6: 27 PM			

Conditions

Pressure : 1001 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

20.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 26	28 / 26	27 / 25	27 / 26
Wind	20 km/h S	20 km/h S	18 km/h SSE	18 km/h SSE
Humidity	90%	88%	92%	90%
Chance of Precip.	25%	25%	74%	86%
Cloud Cover	90%	92%	96%	94%
Conditions	Cloudy	Cloudy	Rain	Rain
Sunrise	5: 32 AM			
Sunset	6: 20 PM			

Conditions

Pressure : 1004 hpa

Visibility : 9.07 Km

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



WEATHER FORECAST – KHULNA

20.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 27	29 / 27	28 / 27	28 / 26
Wind	24 km/h SE	22 km/h SE	17 km/h SE	15 km/h SE
Humidity	83%	84%	90%	85%
Chance of Precip.	83%	73%	68%	63%
Cloud Cover	90%	95%	90%	90%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	5: 40 AM 6: 29 PM			

Conditions

Pressure : 1002 hpa

Visibility : 3.54 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 August 2020	22 August 2020	23 August 2020
Temperature (C)	30°C/ 26°C	29°C/ 26°C	30°C/ 26°C
Summary	Light Rain	Rain	Light Rain
Sun Rise/Set	5h36m42s/18h26m42s	5h37m00s/18h25m42s	5h37m24s/18h24m54s
Day Length	12h50m00s	12h48m42s	12h47m30s
Moon Rise/ Set	7:39AM 8:22PM	8:42AM 9:02PM	9:45AM 9:43PM
Moon Phase/ illu	Waxing Crescent, 10%	Waxing Crescent, 19%	Waxing Crescent, 29%
Nautical Twilight	04:42, 19:23	04:45, 19:16	04:45, 19:17
Civil Twilight	05:11, 18:55	05:13, 18:48	05:13, 18:49
Humidity	D : 83% N : 86%	D : 84% N : 86%	D : 79% N : 86%
Barometer (mb)	1005	1005	1003
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	100%	80%
Wind (mph)	19 Km/h SE	13 Km/h SSE	11 Km/h SSE

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 August 2020	22 August 2020	23 August 2020
Temperature (C)	30°C/ 26°C	29°C/ 25°C	29°C/ 25°C
Summary	Light Rain	Rain	Rain
Sun Rise/Set	5h32m36s/18h19m24s	5h32m48s/18h18m30s	5h33m12s/18h17m42s
Day Length	12h46m48s	12h45m42s	12h44m30s
Moon Rise/ Set	7:39AM 8:22PM	8:42AM 9:02PM	9:45AM 9:43PM
Moon Phase/ illu	Waxing Crescent, 10%	Waxing Crescent, 19%	Waxing Crescent, 29%
Nautical Twilight	04:38, 19:17	04:42, 19:08	04:42, 19:07
Civil Twilight	05:04, 18:48	05:09, 18:41	05:09, 18:42
Humidity	D : 86% N : 93%	D : 88% N : 93%	D : 88% N : 93%
Barometer (mb)	1007	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	90%	90%
Wind (mph)	19 Km/h SSE	18 Km/h S	17 Km/h S

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



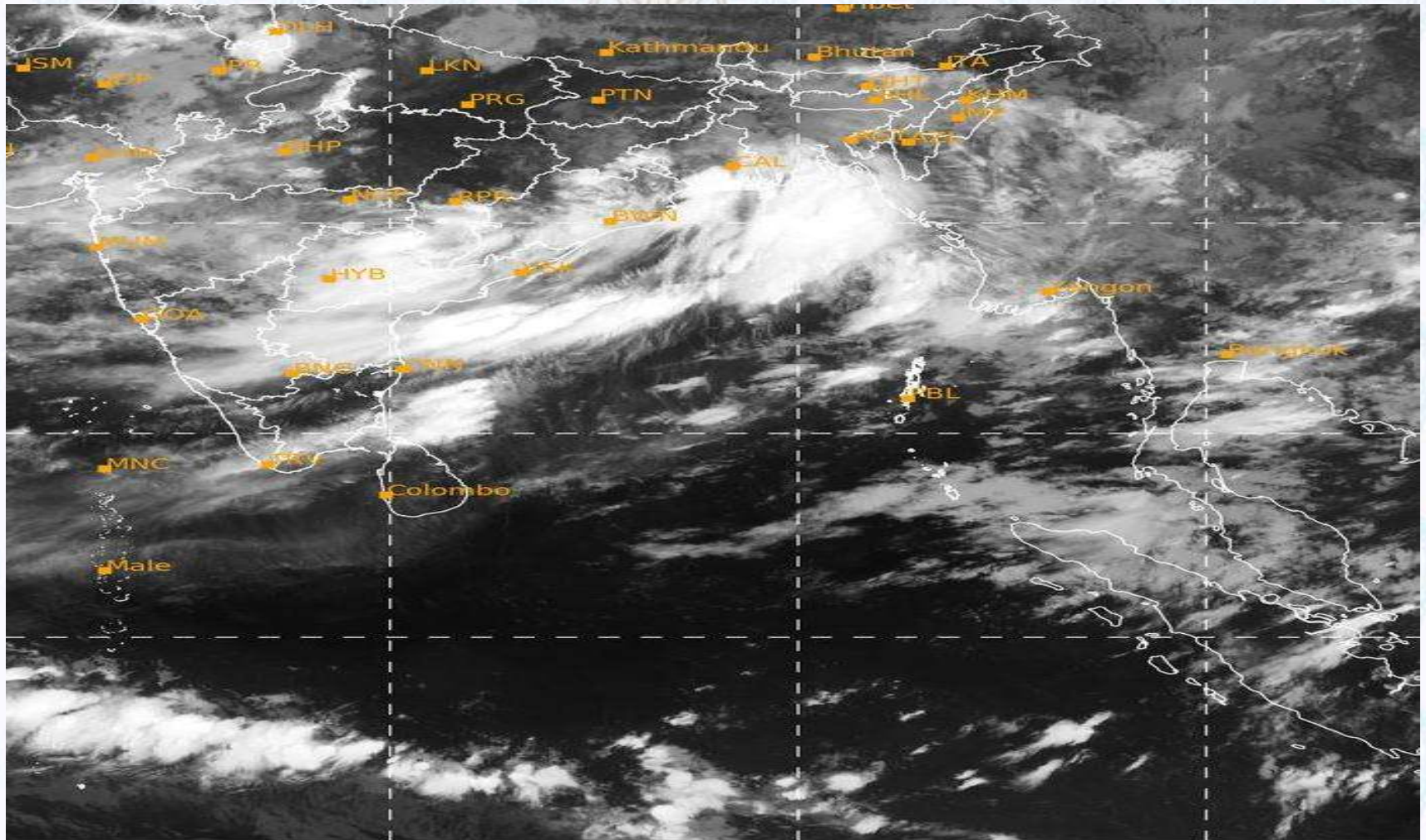
GENERAL WEATHER FORECAST – KHULNA

Description	21 August 2020	22 August 2020	23 August 2020
Temperature(C)	30°C/ 26°C	29°C/ 26°C	30°C/ 26°C
Summary	Rain	Rain	Rain
Sun Rise/Set	5h41m12s/18h29m06s	5h41m30s/18h28m06s	5h41m48s/18h27m18s
Day Length	12h47m54s	12h46m36s	12h45m30s
Moon Rise/Set	7:39AM 8:22PM	8:42AM 9:02PM	9:35AM 9:33PM
Moon Phase/illu	Waxing Crescent, 10%	Waxing Crescent, 19%	Waxing Crescent, 29%
Nautical Twilight	04:47, 19:24	04:50, 19:10	04:50, 19:10
Civil Twilight	05:15, 18:57	05:17, 18:51	05:17, 18:51
Humidity	D : 92% N : 94%	D : 92% N : 96%	D : 90% N : 94%
Barometer (mb)	1004	1005	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	90%	90%	100%
Wind (mph)	23 km/h SSE	11 km/h SSW	9 km/h SW

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



SATELLITE VIEW OF BAY OF BENGAL

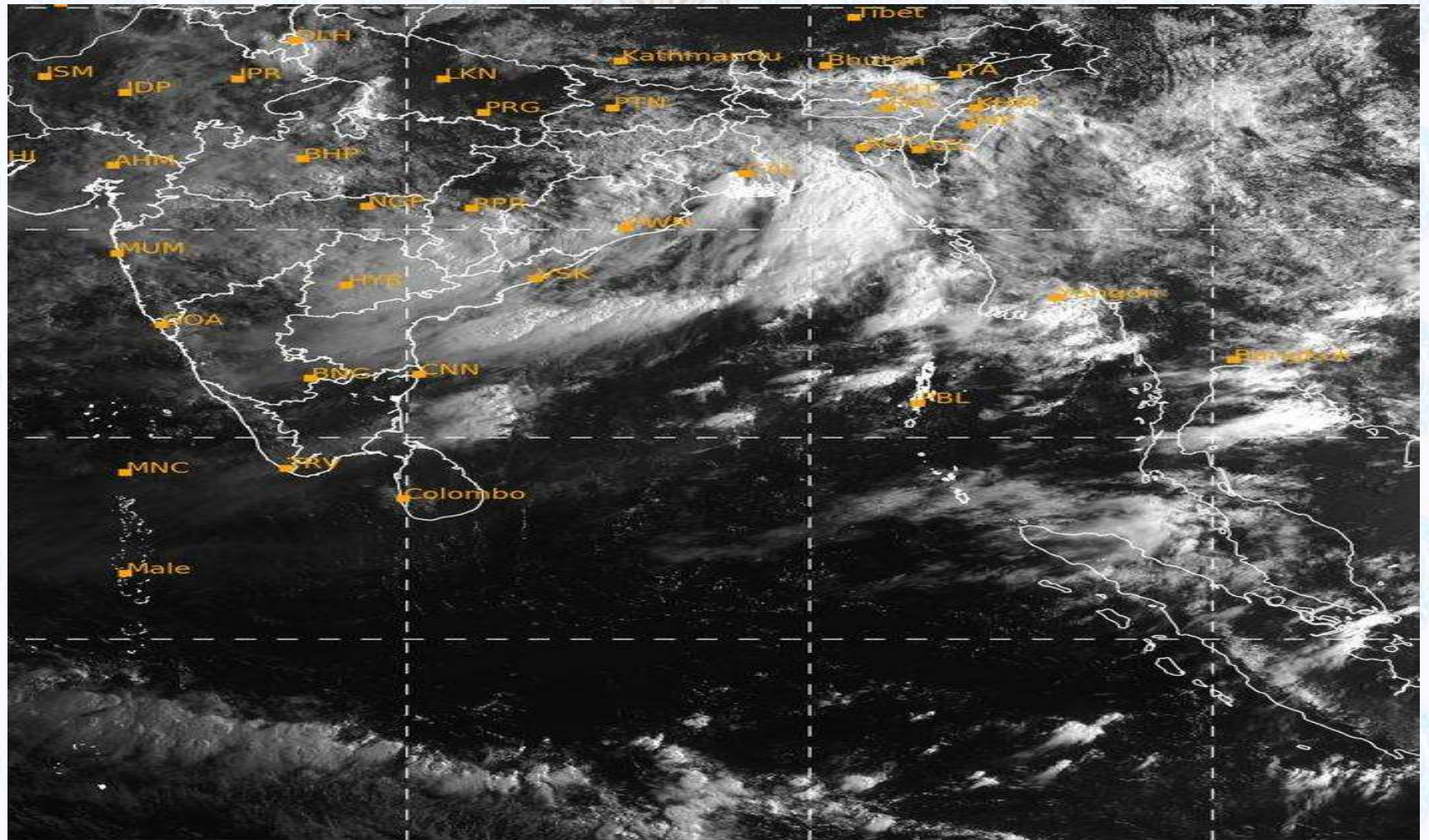


20/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/08/2020, 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 20.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE LOW OVER NORTHWEST BAY AND ADJOINING GANGETIC WEST BENGAL BANGLADESH COAST NOW LIES OVER ODISHA AND ADJOINING GANGETIC WEST BENGAL AS A WELL MARKED LOW. 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-EASTERLY, 12-18 KTS, TEMPORARY GUSTING 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 =1000 HPA



Inland River Port Warning **(VALID TILL 06 PM OF 20.08.2020)**

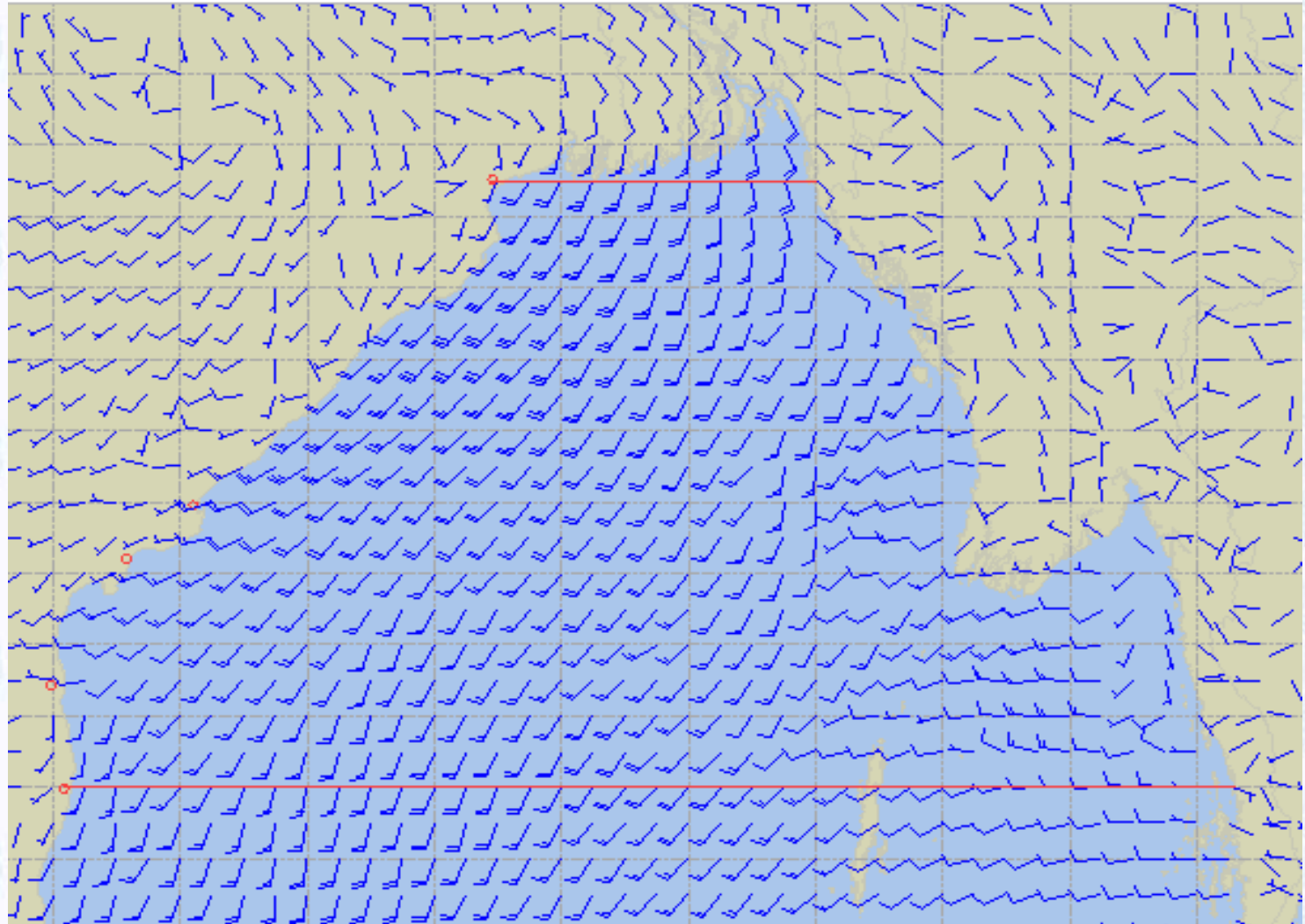
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **S/SE'LY SQUALLS** SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHGATTOGRAM AND COX'S BAZAR WHEREIN RIVERPORTS SHALL HOIST RIVERINE WARNING SIGNAL NO. **TWO (R) TWO**.

RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **S/SE'LY**, GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR ELSEWHERE OVER THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 21 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



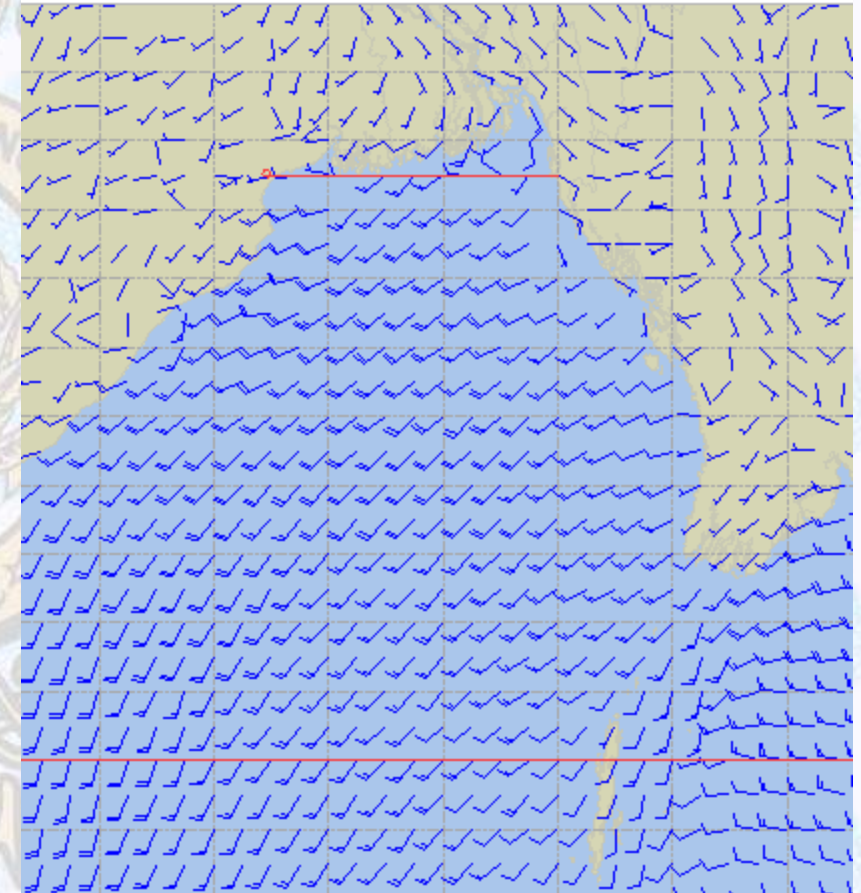
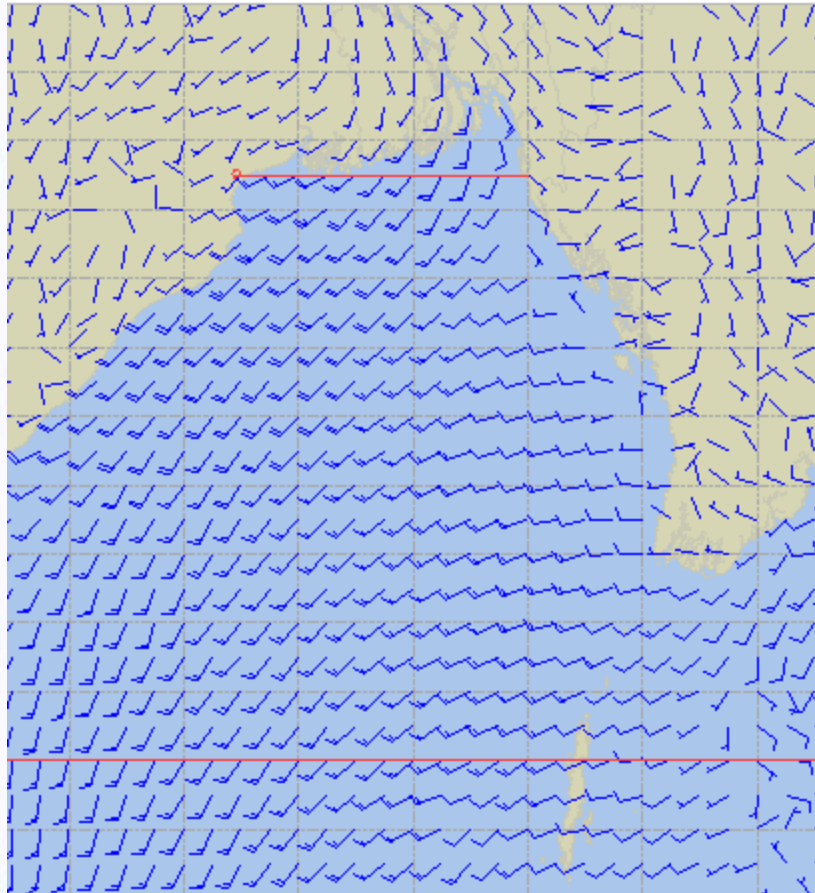
60 Knots



Surface Wind Forecast – 22 & 23 Aug - 2020

22 August 20 Saturday

23 August 20 Saturday



Legend:



**Calm
Winds**



5 Knots



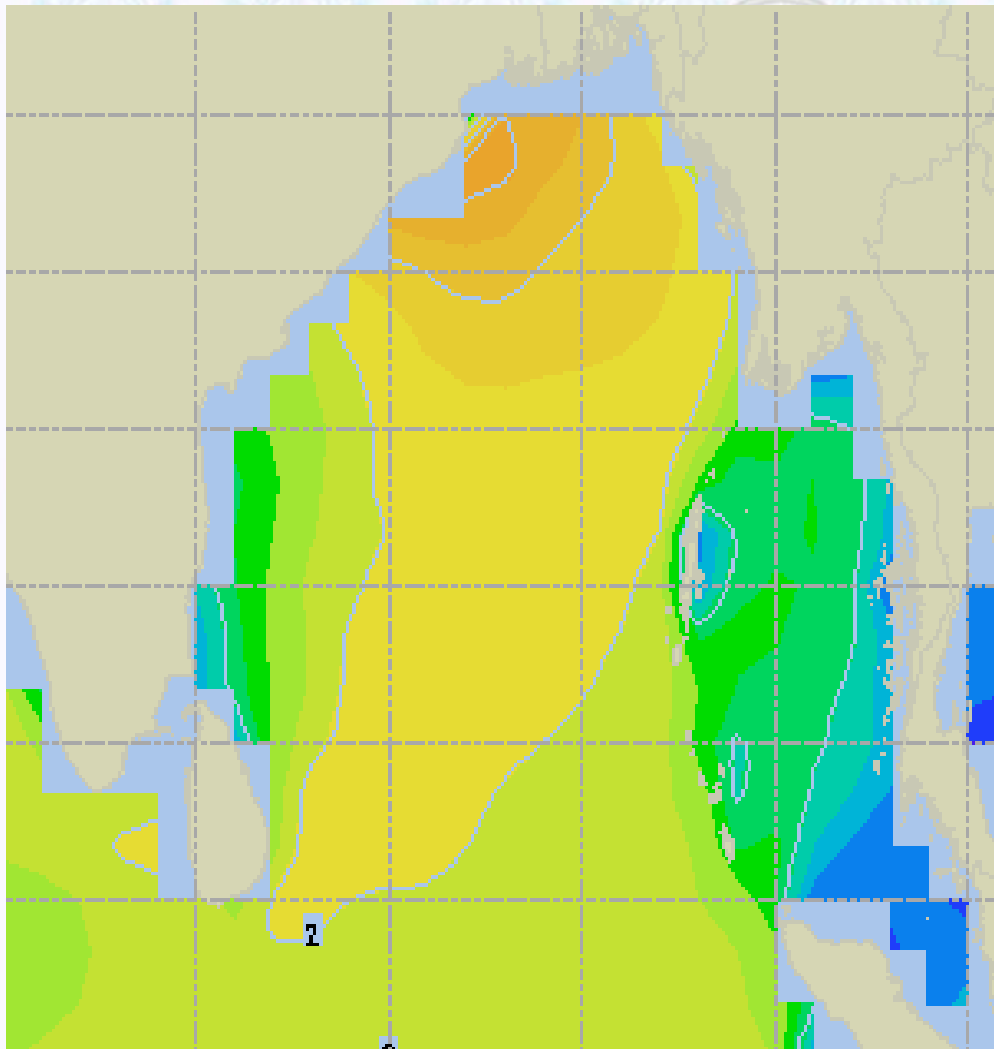
10 Knots



60 Knots



Sea State Forecast – 21 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

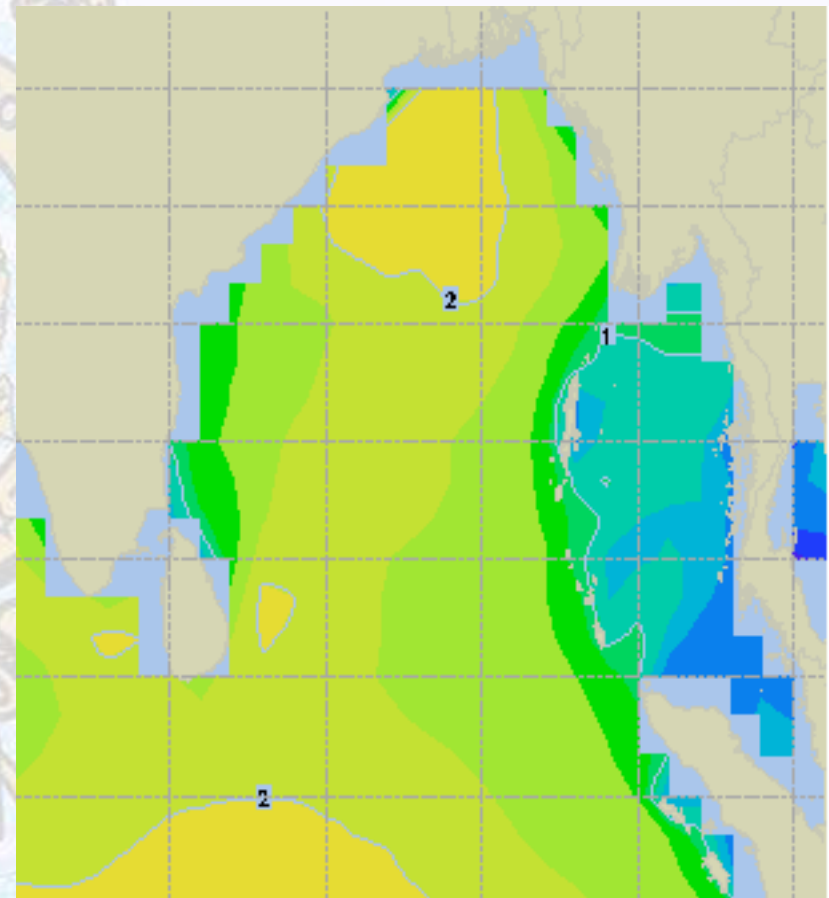
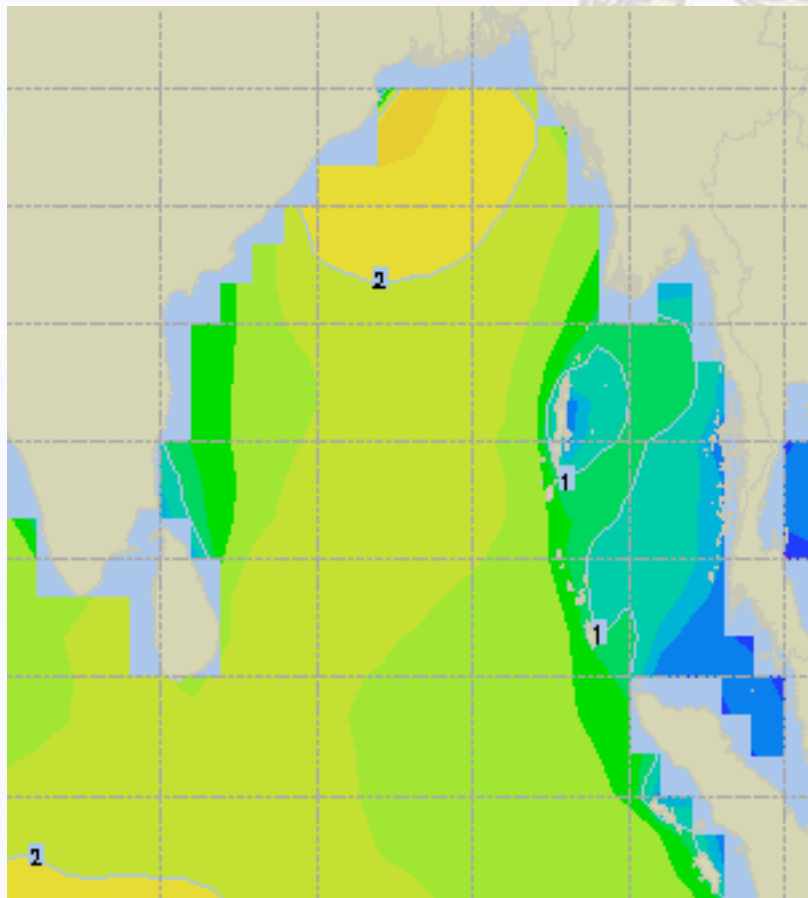




Sea State Forecast – 22 & 23 Aug - 2020

22 August 20 Saturday

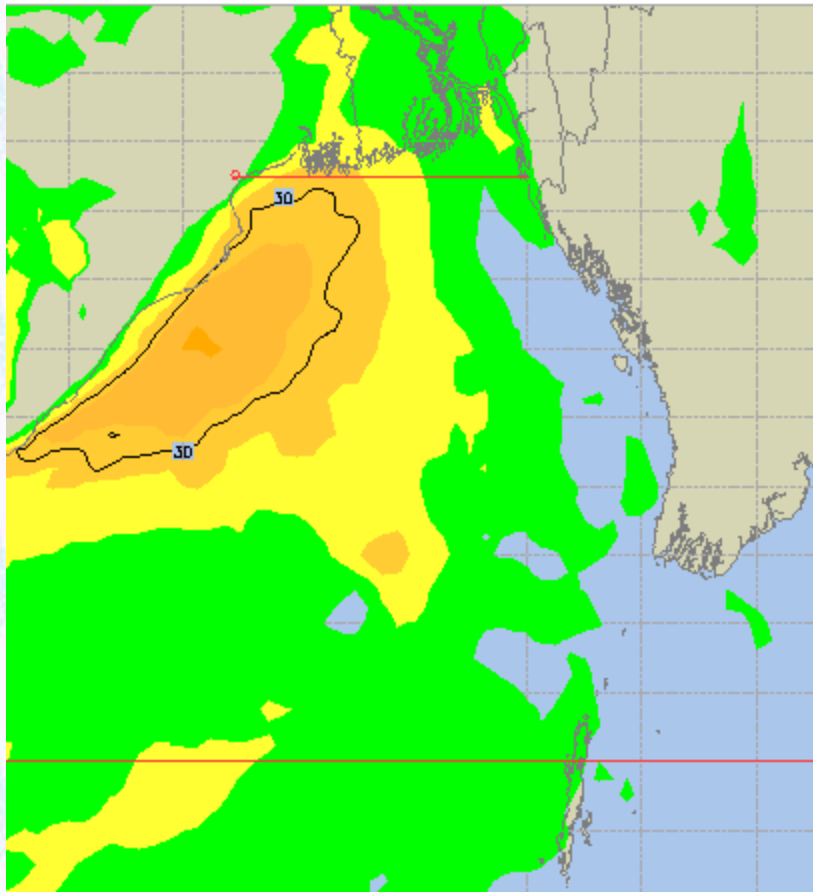
23 August 20 Saturday



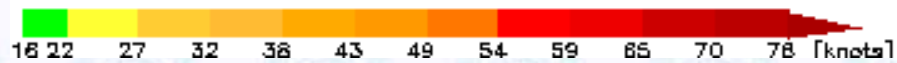
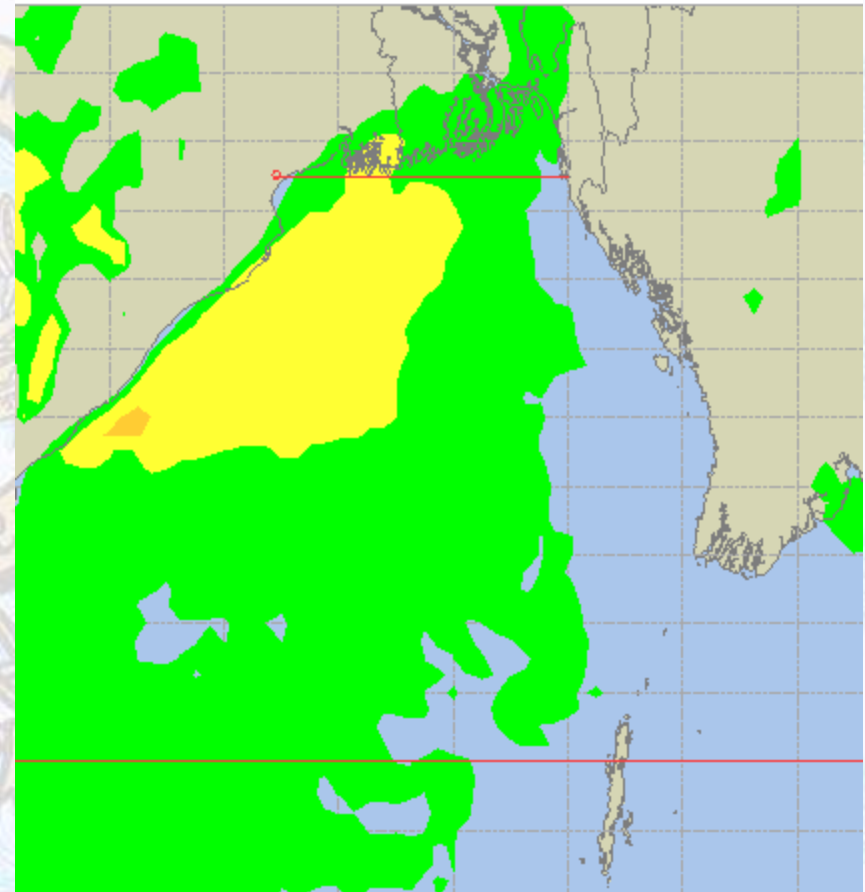


Peak Gusting Possibilities– 21 & 22 Aug 2020

21 August 20 Friday



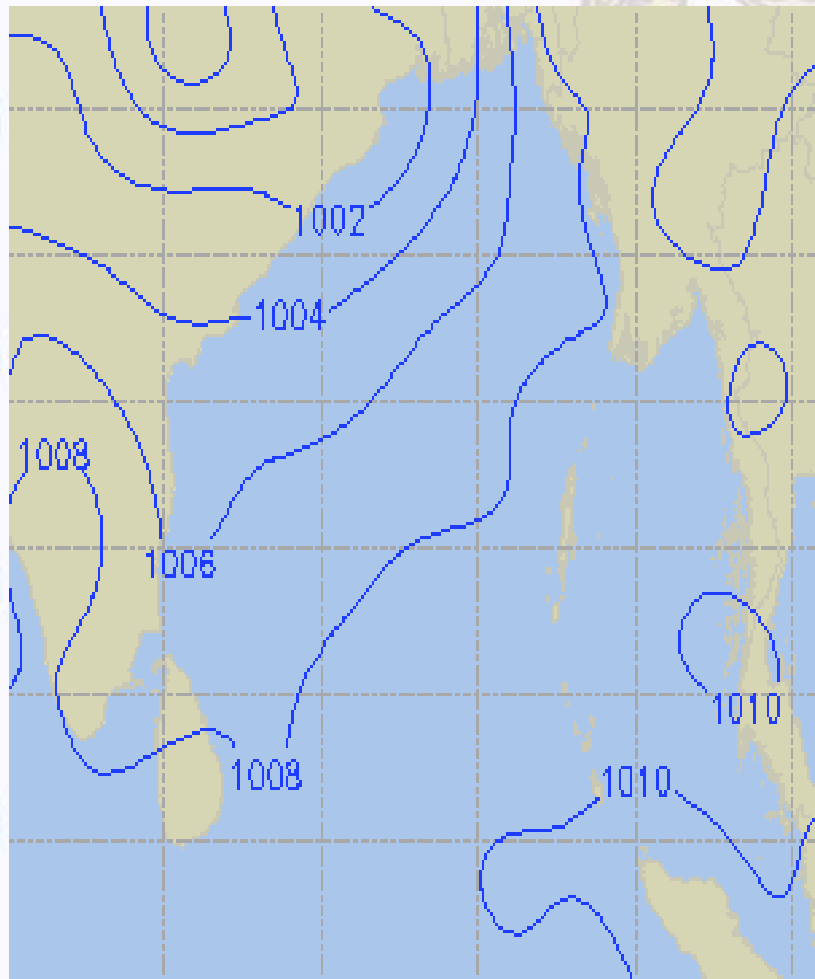
22 August 20 Saturday



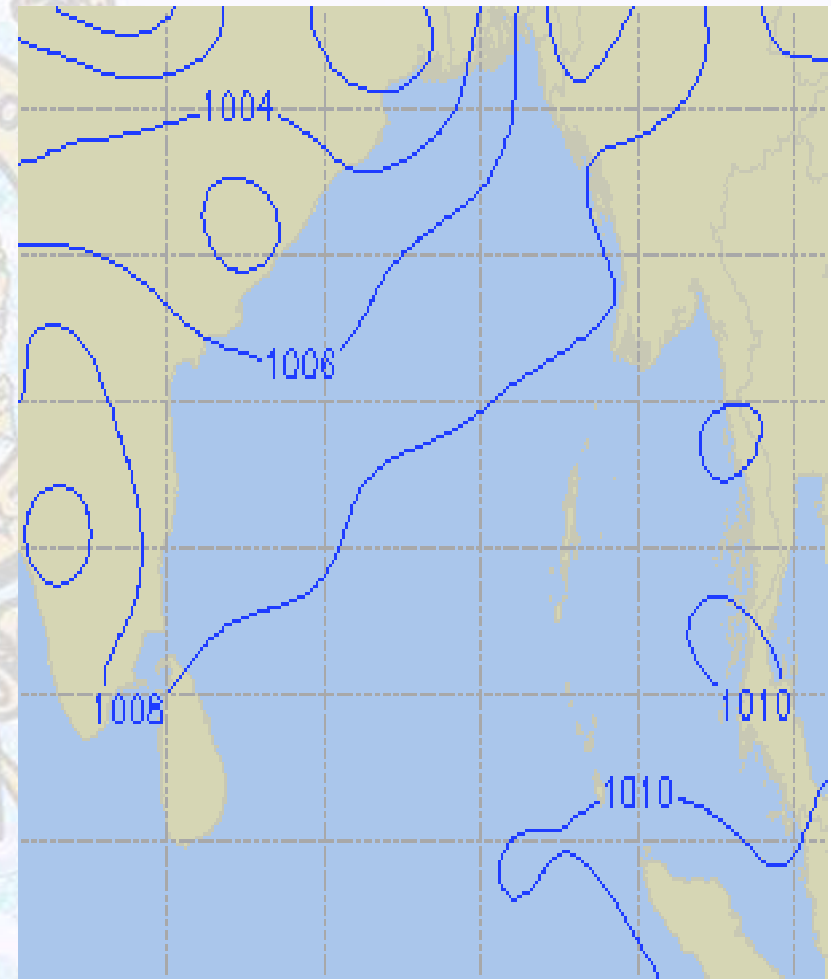


Surface Pressure forecast– 21 & 22 Aug 2020

21 August 20 Friday



22 August 20 Saturday

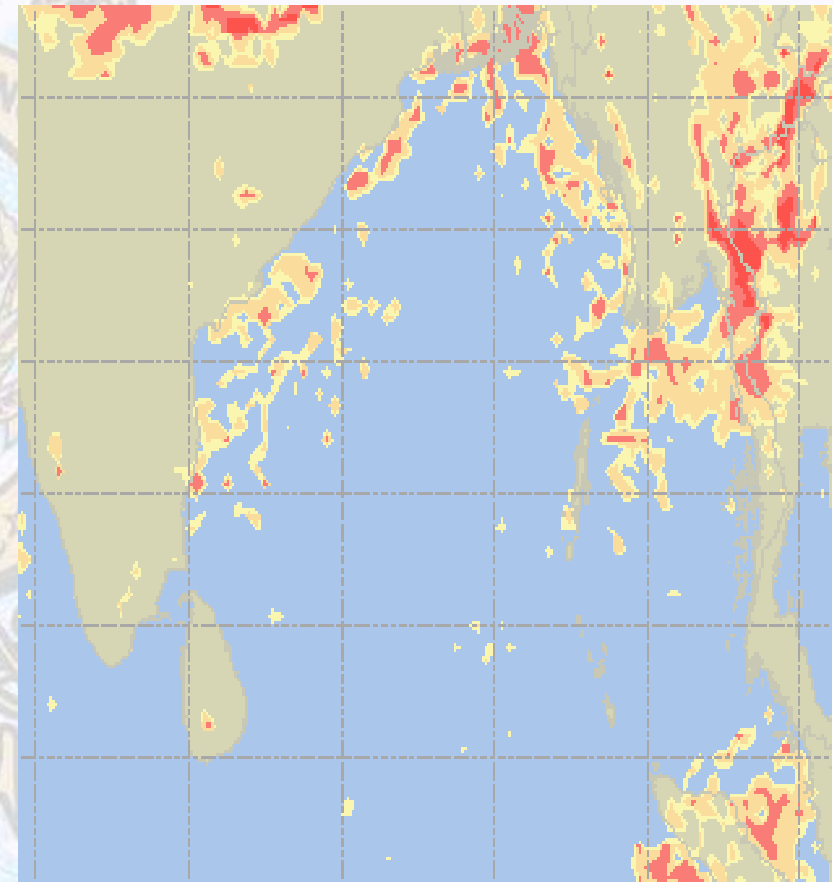
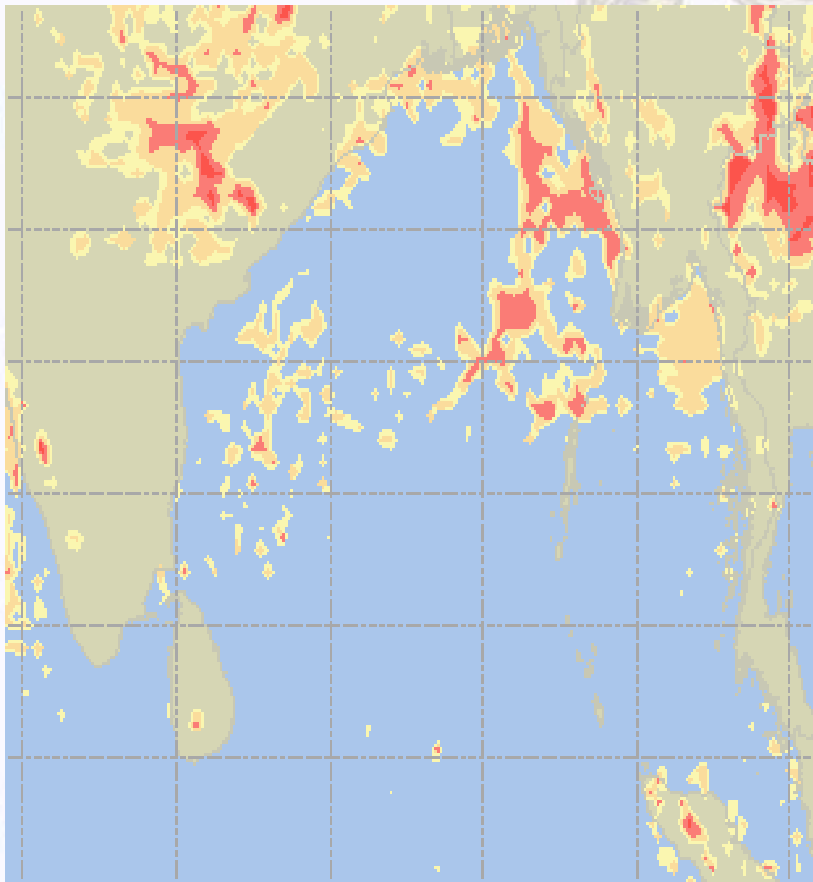




Visibility at Sea Forecast – 21 & 22 Aug 2020

21 August 20 Friday

22 August 20 Saturday



Visibility Scale:

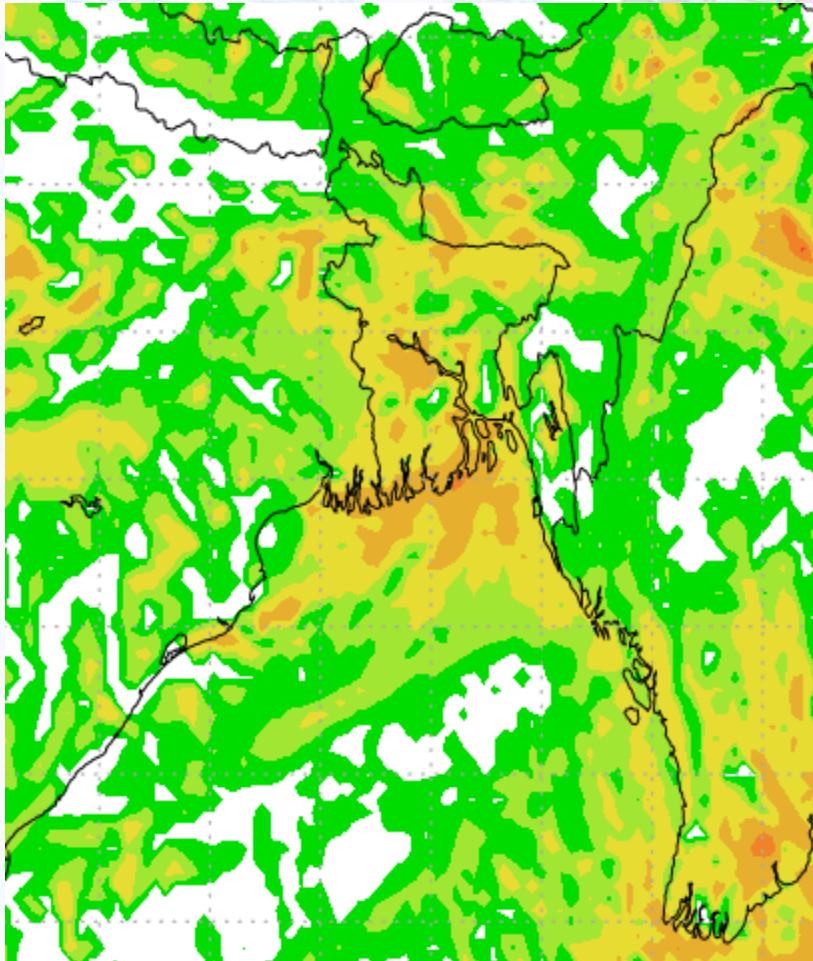


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

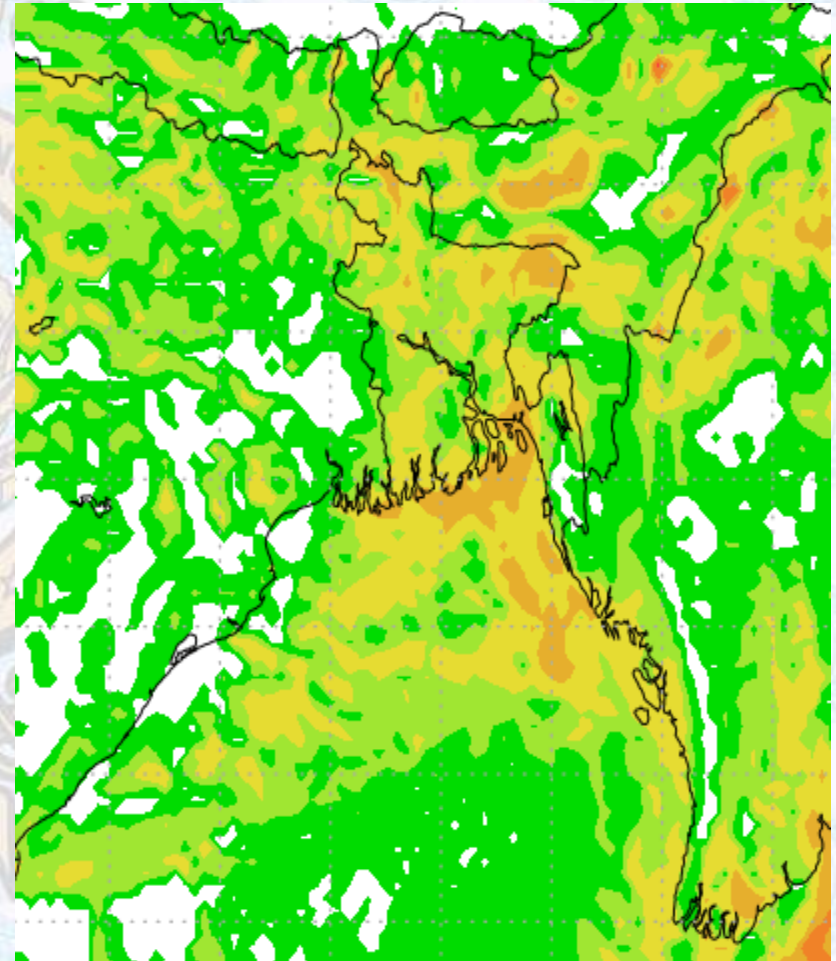


Precipitation

Rain(mm) 21 & 22 Aug 2020



Rain(mm) 22 & 23 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
21 Aug 2020	0206	5.37		0625	0.84		0558	0.75
	0838	0.63		1204	4.02		1155	3.55
	1419	5.56		1849	0.85		1827	0.68
	2106	0.56		-	-		-	-
22 Aug 2020	Time	Height		Time	Height		Time	Height
	0245	5.43		0021	3.77		0021	3.42
	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