



WEATHER FORECAST FOR BN

27 AUG- 30 AUG 2020





WEATHER FORECAST – DHAKA

27.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	31 / 25	29 / 25	28 / 25
Wind	16 km/h SSE	16 km/h SSE	13 km/h SSE	11 km/h SSE
Humidity	71%	69%	80%	84%
Chance of Precip	16%	24%	11%	35%
Cloud Cover	74%	71%	64%	72%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	5: 38 AM 18: 20 PM			

Conditions

Pressure : 1003 hpa

Visibility : 4.02 km

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



WEATHER FORECAST – CHATTOGRAM

27.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 26	29 / 26	28 / 26	27 / 26
Wind	15 km/h S	15 km/h S	13 km/h SSE	12 km/h SSE
Humidity	81%	83%	90%	93%
Chance of Precip.	16%	16%	24%	46%
Cloud Cover	79%	71%	65%	60%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 34 AM 18: 13 PM			

Conditions

Pressure : 1005 hpa

Visibility : 14.48 Km

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



WEATHER FORECAST – KHULNA

27.08.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	30 / 27	28 / 27	28 / 27
Wind	18 km/h SSE	17 km/h SSE	12 km/h SSE	10 km/h SSE
Humidity	85%	84%	91%	92%
Chance of Precip.	24%	37%	12%	24%
Cloud Cover	86%	87%	78%	61%
Conditions	Cloudy	Cloudy	Cloudy/ Light Rain	Cloudy/ Light Rain
Sunrise Sunset	5: 43 AM 18: 23 PM			

Conditions

Pressure : 1003 hpa

Visibility : 11.27 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	28 August 2020	29 August 2020	30 August 2020
Temperature (C)	32 °C/ 27 °C	32 °C/ 27 °C	33 °C/ 27 °C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h39m06s/18h19m54s	5h39m30s/18h19m00s	5h39m48s/18h18m00s
Day Length	12h40m48s	12h39m30s	12h38m12s
Moon Rise/ Set	2:54AM 12:50PM	3:48AM 1:46PM	4:38AM 2:43PM
Moon Phase/ illu	Waxing Gibbous, 74%	Waxing Gibbous, 83%	Waxing Gibbous, 90%
NauticalTwilight	04:48,19:10	04:49,19:09	04:49,19:08
Civil Twilight	05:15,18:43	05:16,18:42	05:17,18:41
Humidity	D : 76% N : 84%	D : 73% N : 84%	D : 72% N : 83%
Barometer (mb)	1004	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	13 Km/h SSE	11 Km/h SSW	8 Km/h SW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	28 August 2020	29 August 2020	30 August 2020
Temperature (C)	31 °C/ 26 °C	31 °C/ 26 °C	31 °C/ 26 °C
Summary	Cloudy/ Light Rain	Cloudy/ Light Rain	Cloudy/ Light Rain
Sun Rise/Set	5h34m42s/18h12m48s	5h35m00s/18h12m00s	5h35m18s/18h11m00s
Day Length	12h38m06s	12h37m00s	12h35m42s
Moon Rise/ Set	2:44AM 12:47PM	3:39AM 1:43PM	4:29AM 2:40PM
Moon Phase/ illu	Waxing Gibbous, 74%	Waxing Gibbous, 83%	Waxing Gibbous, 90%
Nautical Twilight	04:44, 19:02	04:45, 19:01	04:46, 18:59
Civil Twilight	05:11, 18:35	05:11, 18:34	05:11, 18:33
Humidity	D : 83% N : 93%	D : 82% N : 92%	D : 82% N : 92%
Barometer (mb)	1006	1006	1006
Visibility	Moderate	Moderate	Moderate
Precip Chance	50%	40%	50%
Wind (mph)	15 Km/h S	11 Km/h SSW	10 Km/h SSW

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



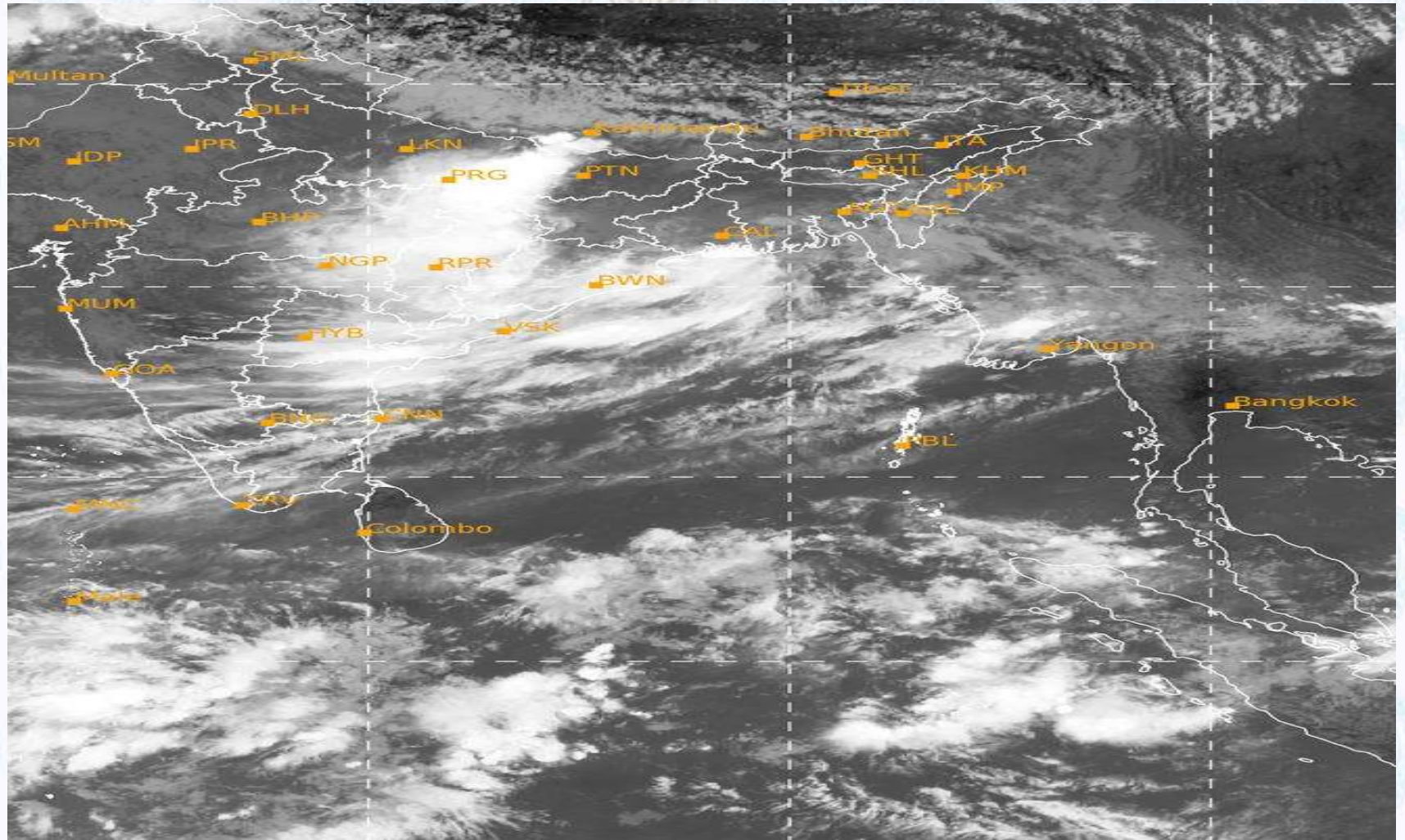
GENERAL WEATHER FORECAST – KHULNA

Description	28 August 2020	29 August 2020	23 August 2020
Temperature(C)	31°C/ 27°C	32°C/ 27°C	33°C/ 27°C
Summary	Cloudy	Cloudy	Cloudy
Sun Rise/Set	5h43m24s/18h22m24s	5h43m42s/18h21m30s	5h43m42s/18h20m36s
Day Length	12h39m00s	12h37m48s	12h36m36s
Moon Rise/Set	2:55AM 12:57PM	3:50AM 1:53PM	4:39AM 2:50PM
Moon Phase/illu	Waxing Gibbous, 74%	Waxing Gibbous, 83%	Waxing Gibbous, 90%
Nautical Twilight	04:53, 19:12	04:53, 19:11	04:53, 19:10
Civil Twilight	05:20, 18:45	05:20, 18:44	05:21, 18:43
Humidity	D : 80% N : 87%	D : 77% N : 87%	D : 77% N : 87%
Barometer (mb)	1003	1004	1005
Visibility	Moderate	Moderate	Moderate
Precip Chance	80%	80%	80%
Wind (mph)	15 km/h S	12 km/h SSW	10 km/h SSW

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



SATELLITE VIEW OF BAY OF BENGAL

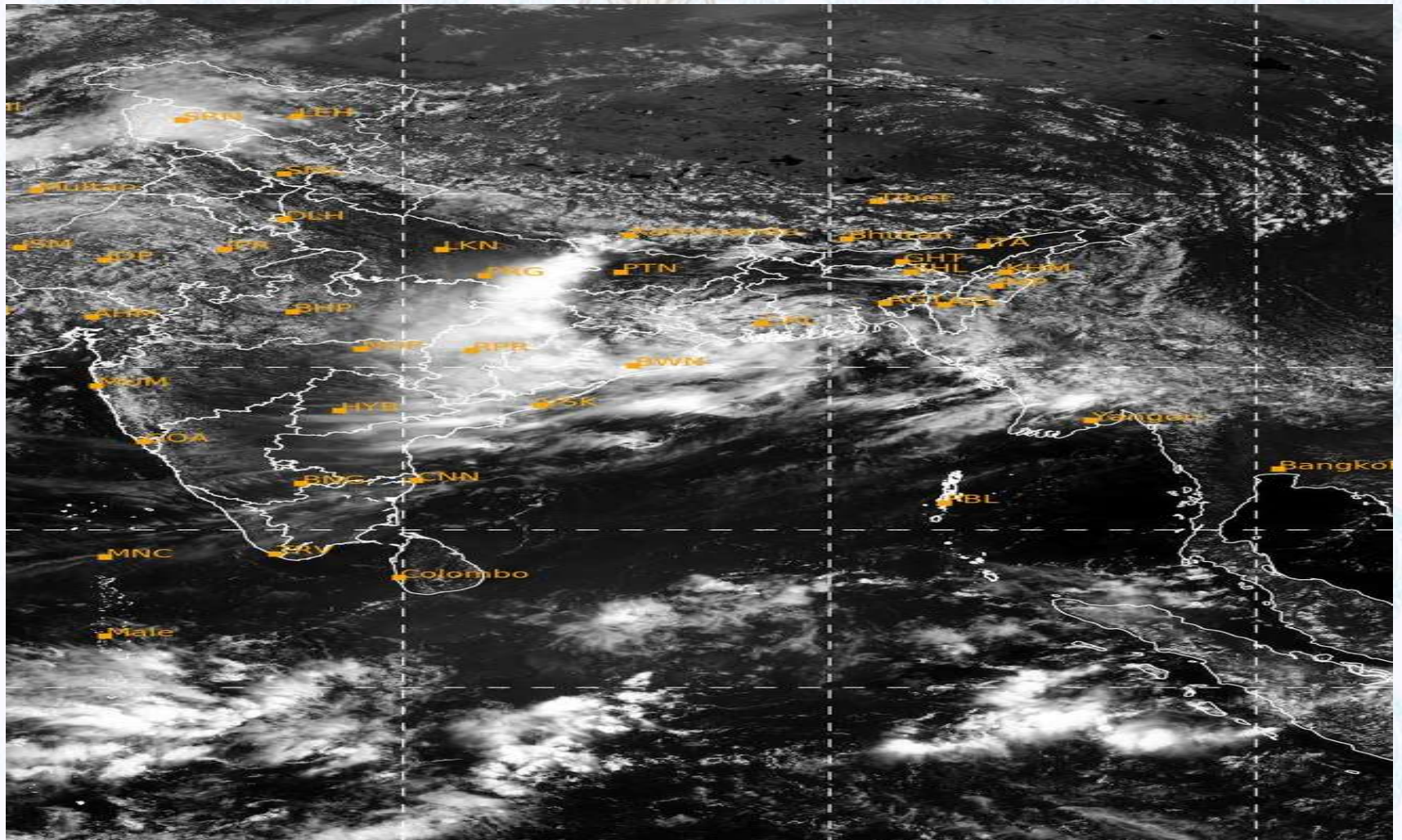


27/08/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



27/08/2020, 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 27.08.2020)

Part One	WARNING BAY OF BENGAL..	
Part Two	THE WELL MARKED LOW NOW LIES OVER BIHAR AND ADJOINING AREA. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	RAIN/THUNDER SHOWERS OVER AREA C-90.
	Wind	SOUTH/SOUTH-EASTERLY 15-20 KTS,TEMPORARY GUSTING TO 30 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 0000 UTC. CHATTOGRAM =1005 HPA



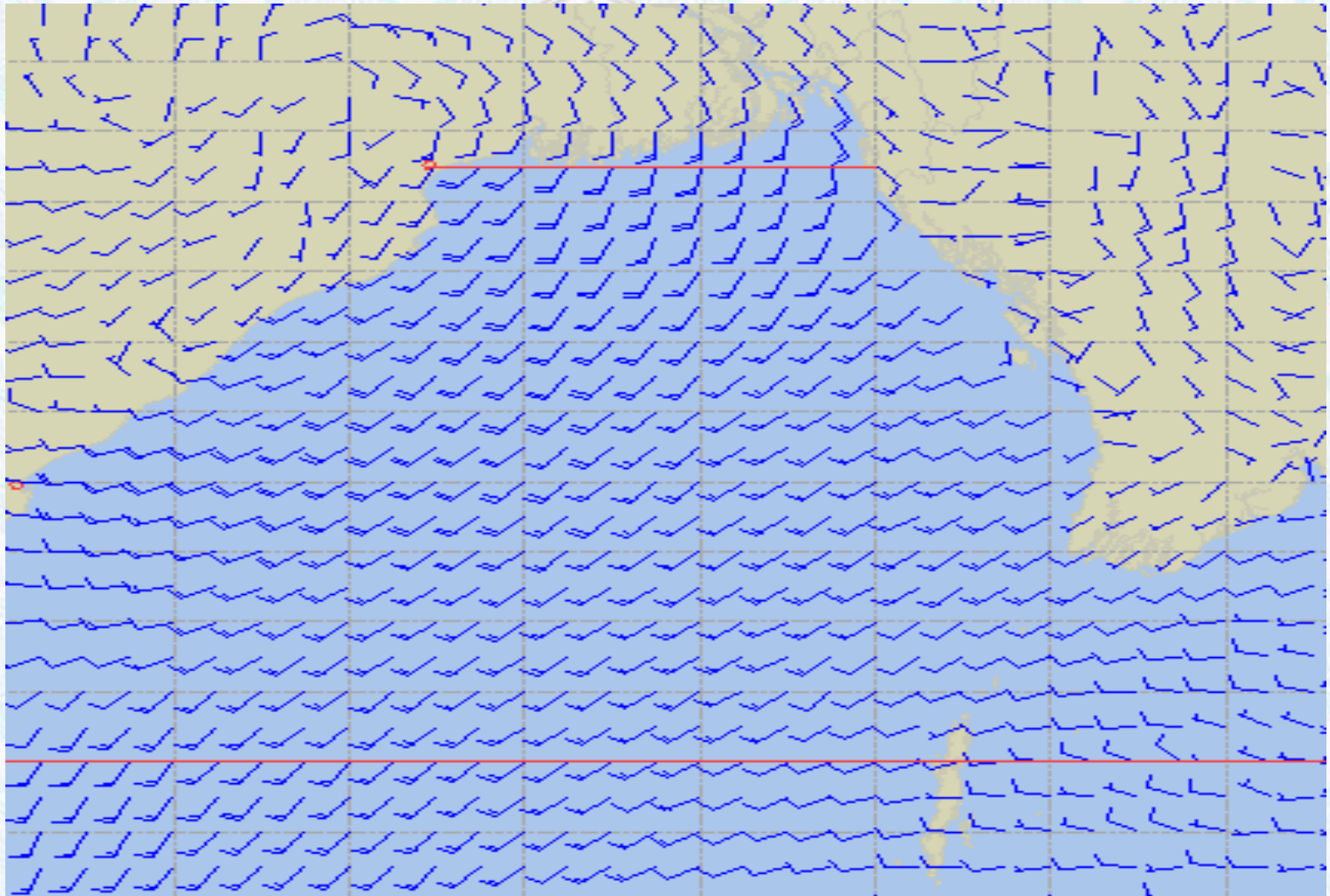
Inland River Port Warning **(VALID TILL 06 PM OF 27.08.2020)**

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, TANGAIL, MYMENSINGH, DHAKA, FARIDPUR, 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- 28 Aug- 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



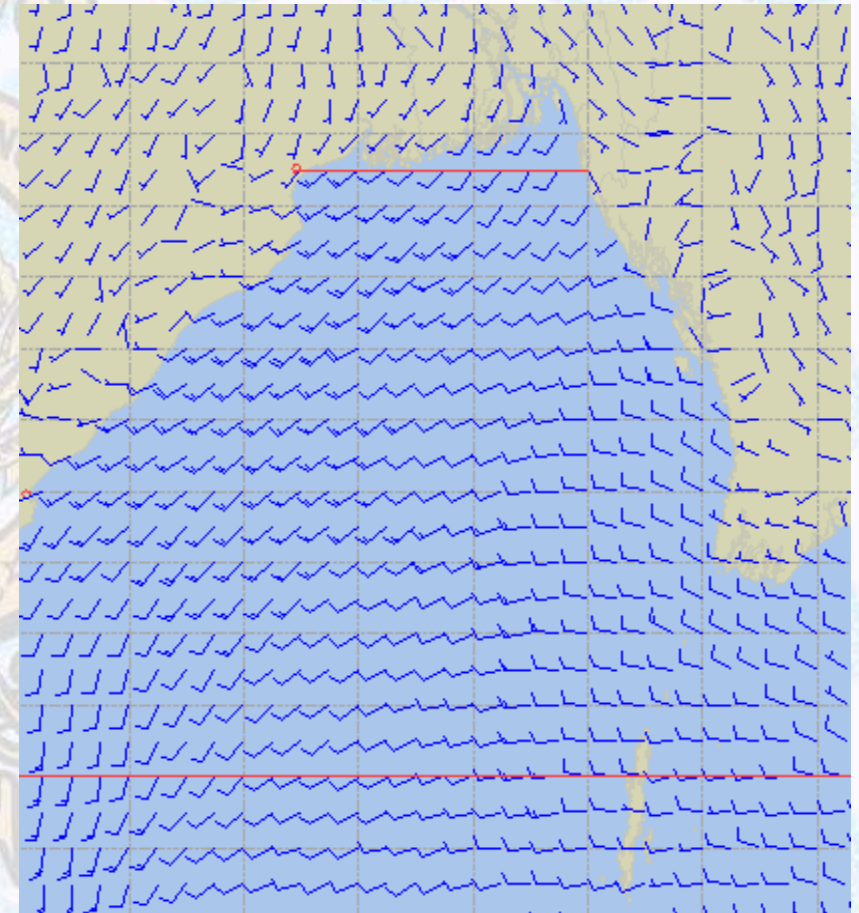
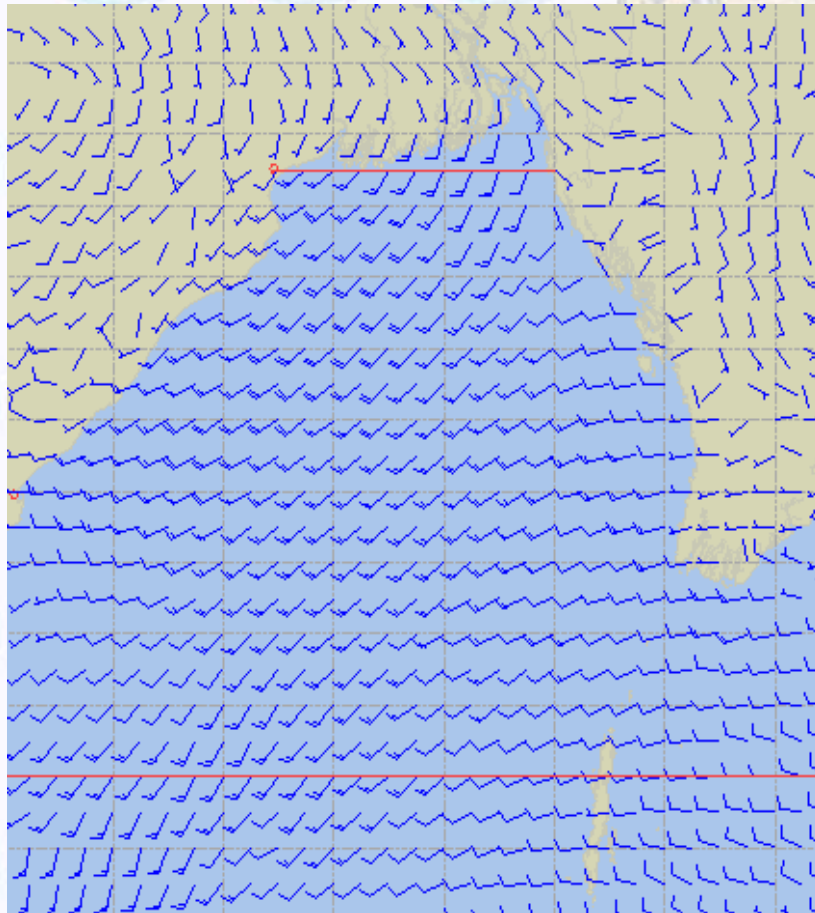
60 Knots



Surface Wind Forecast – 29 & 30 Aug - 2020

29 August 20 Saturday

30 August 20 Sunday



Legend:



**Calm
Winds**



5 Knots



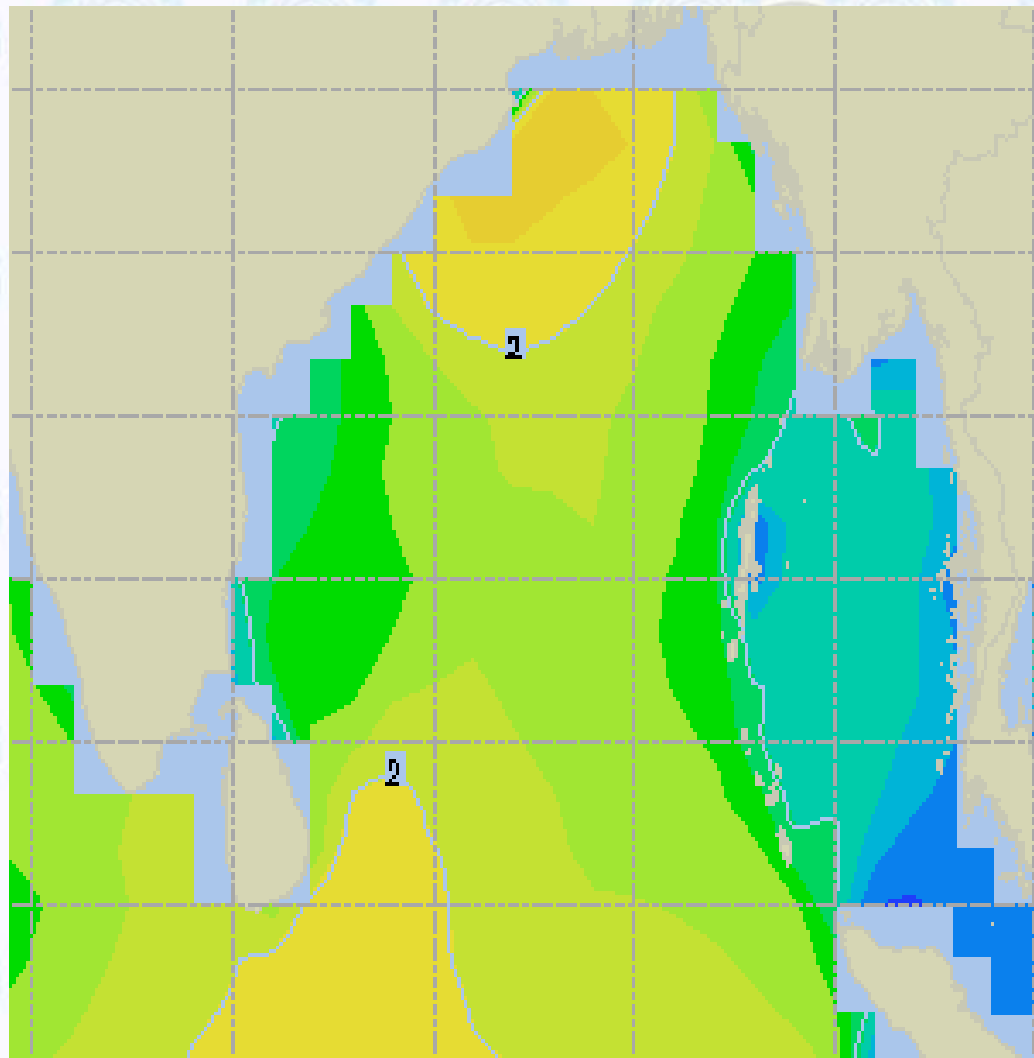
10 Knots



60 Knots



Sea State Forecast – 28 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

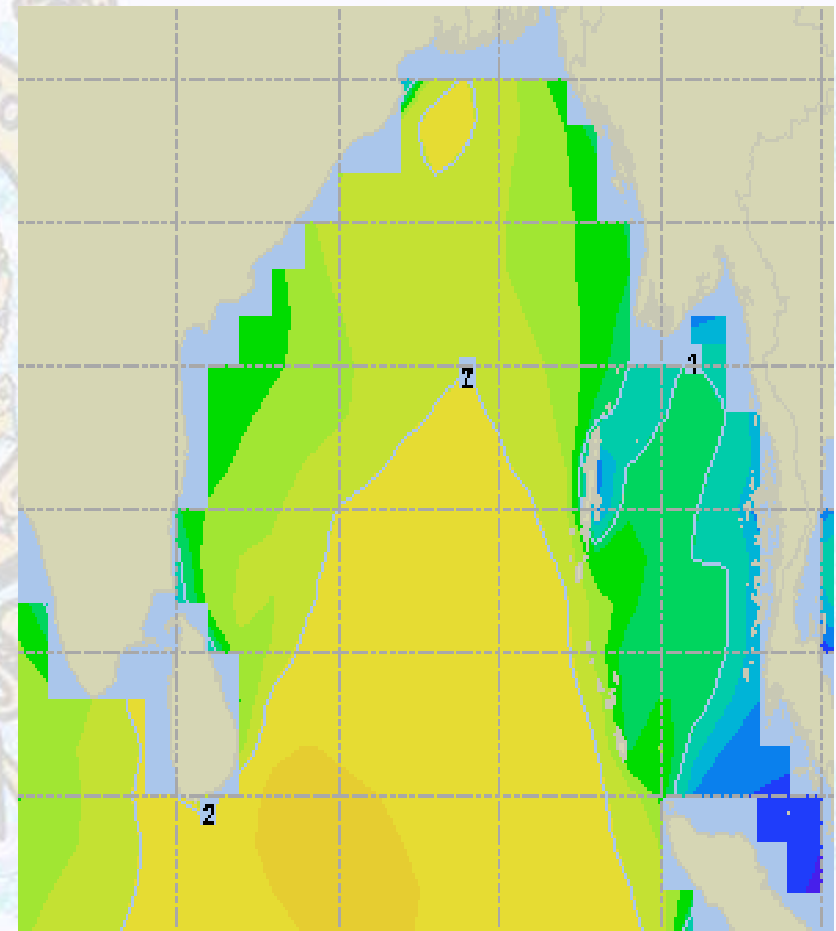
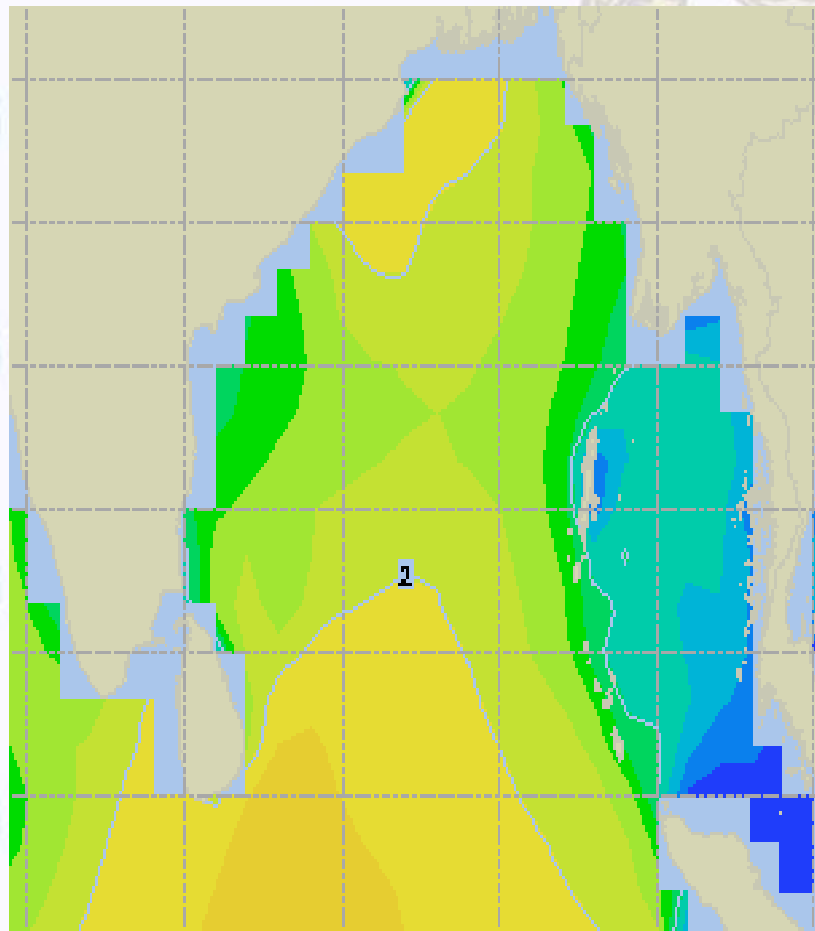




Sea State Forecast – 29 & 30 Aug - 2020

29 August 20 Saturday

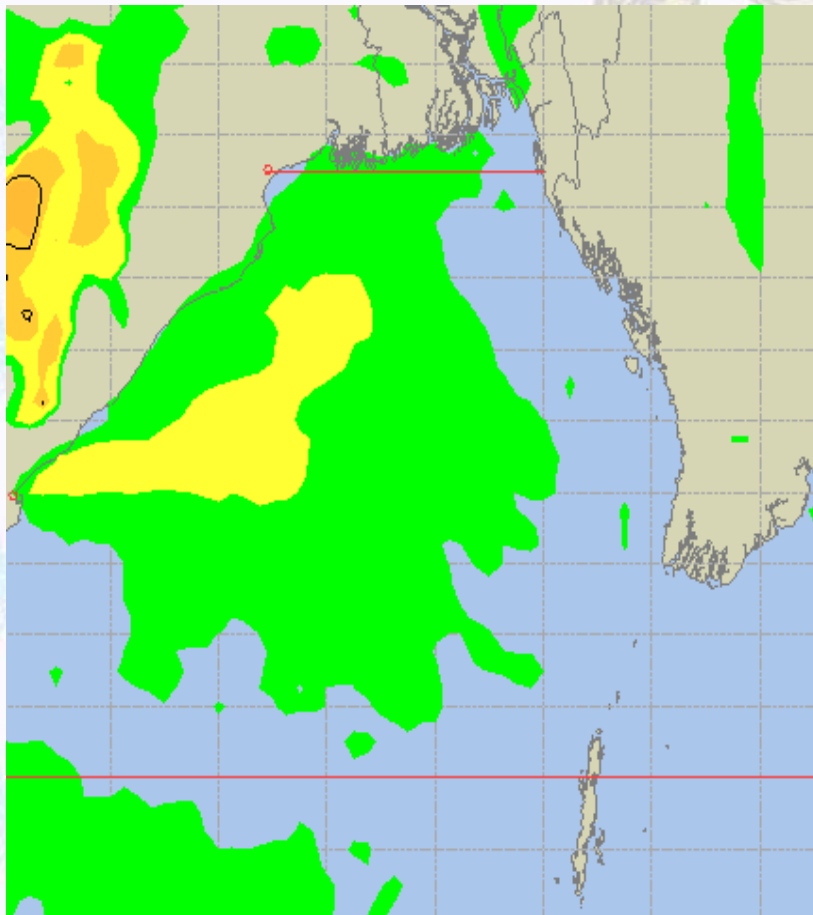
30 August 20 Sunday



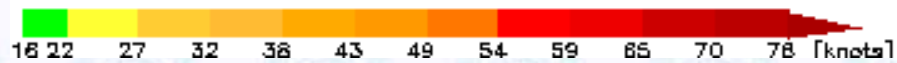
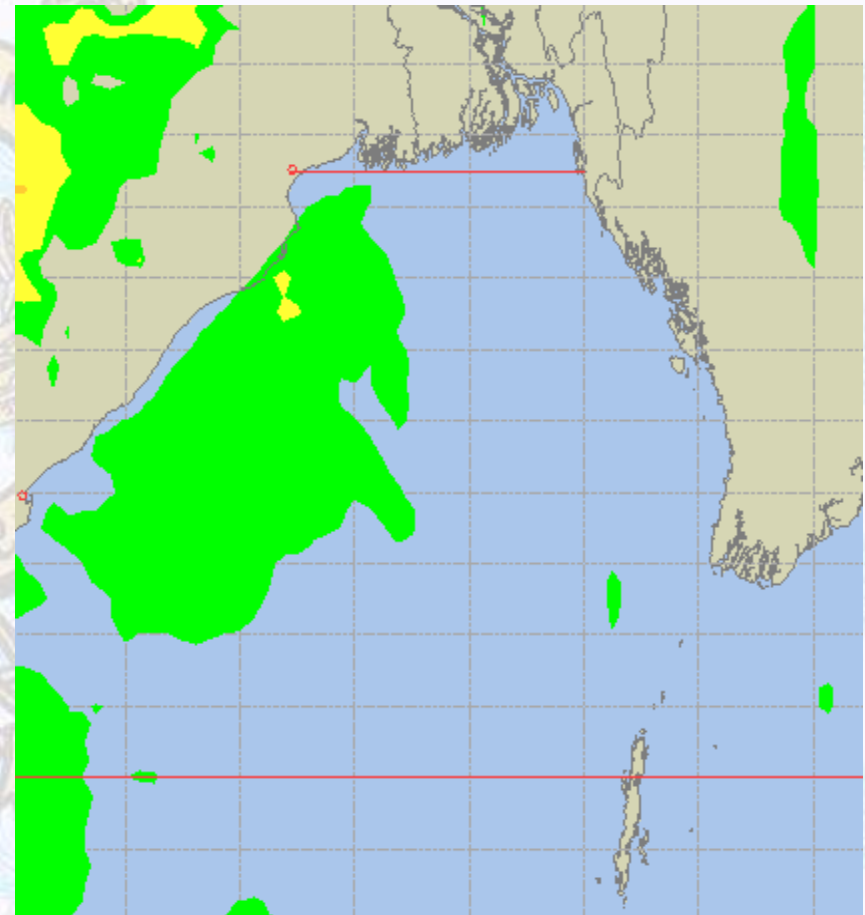


Peak Gusting Possibilities– 28 & 29 Aug 2020

28 August 20 Friday



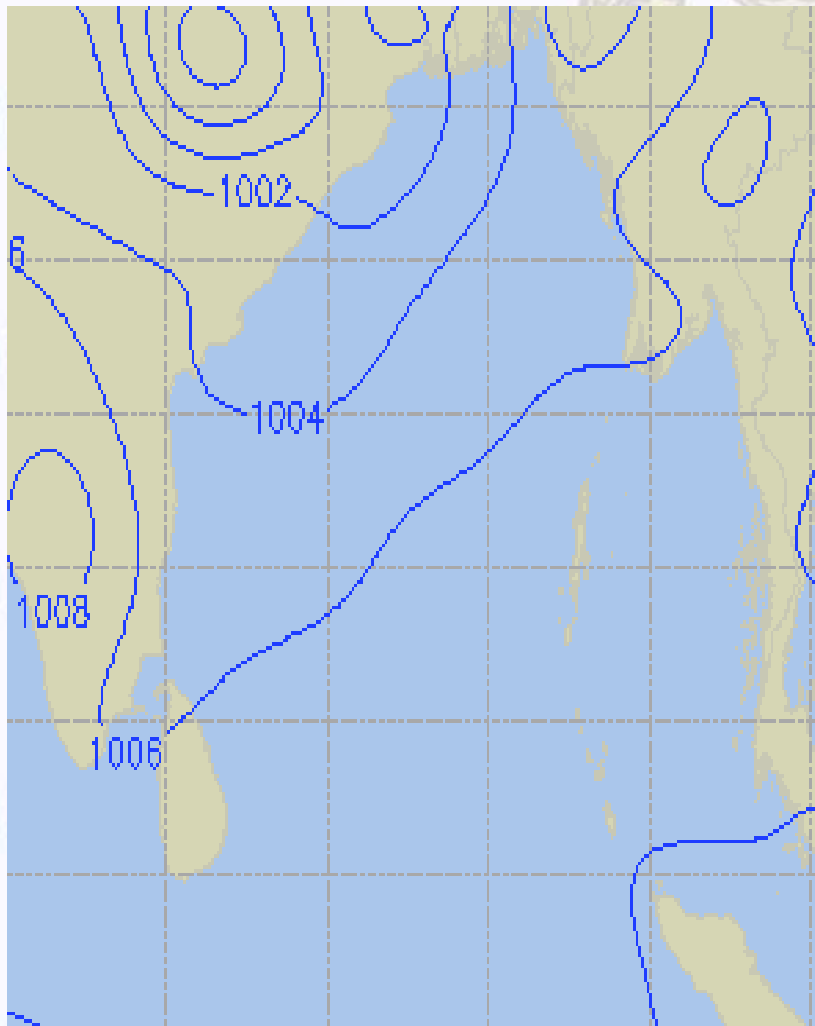
29 August 20 Saturday



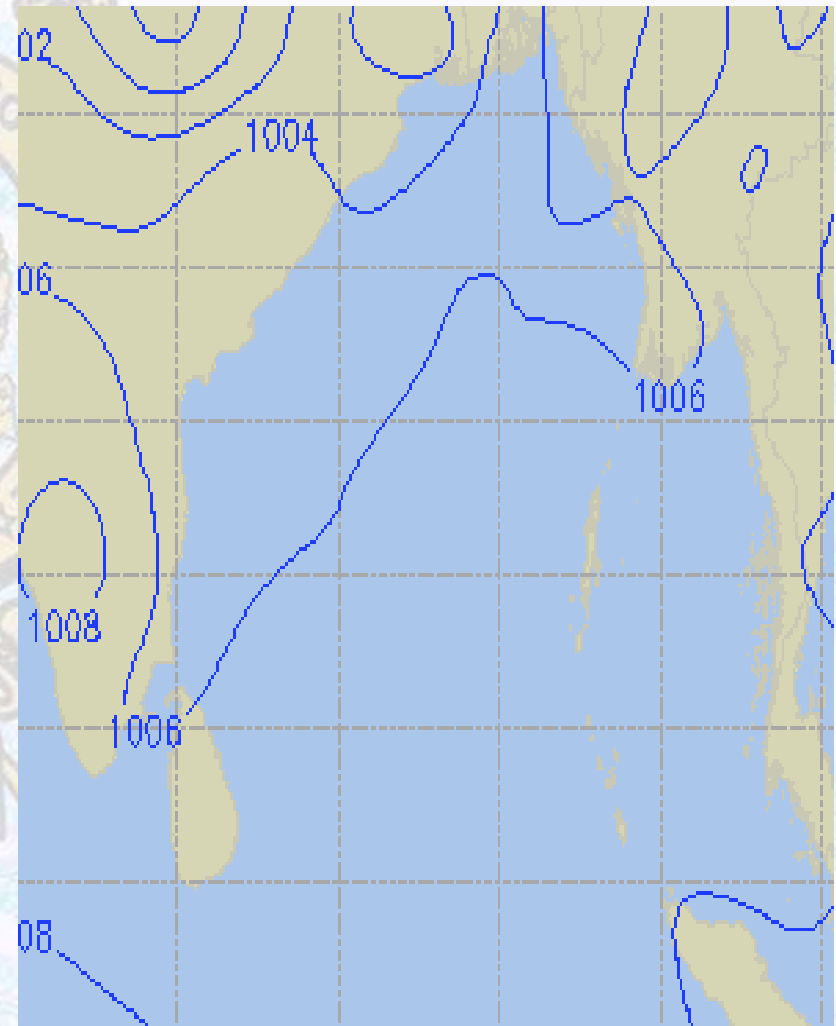


Surface Pressure forecast– 28 & 29 Aug 2020

28 August 20 Friday



29 August 20 Saturday

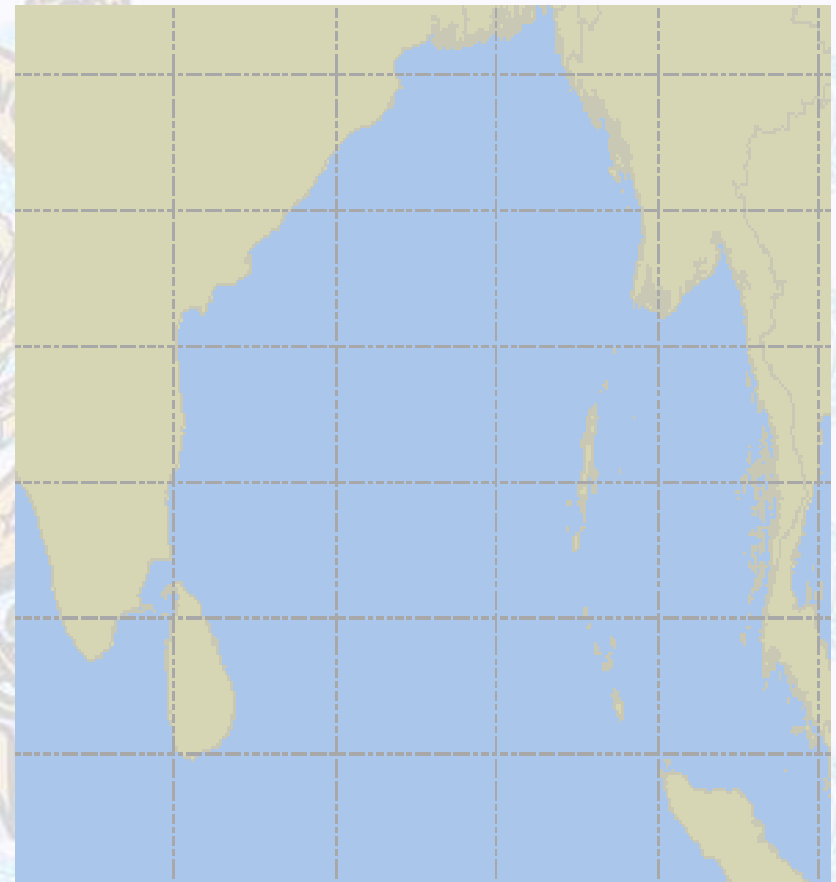
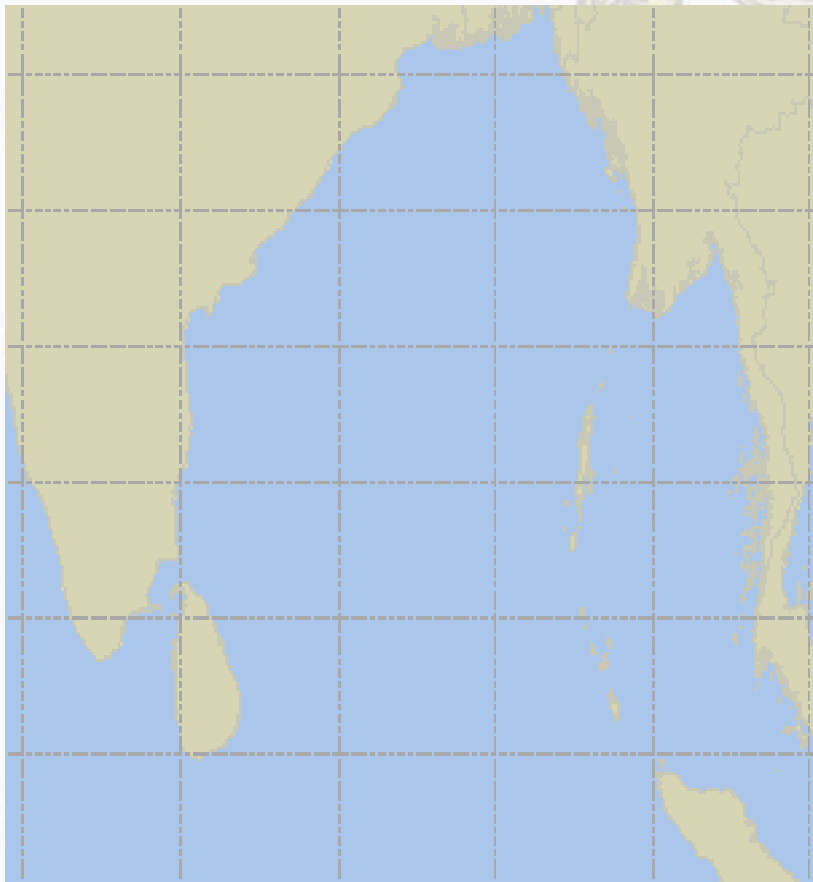




Visibility at Sea Forecast – 28 & 29 Aug 2020

28 August 20 Friday

29 August 20 Saturday



Visibility Scale:



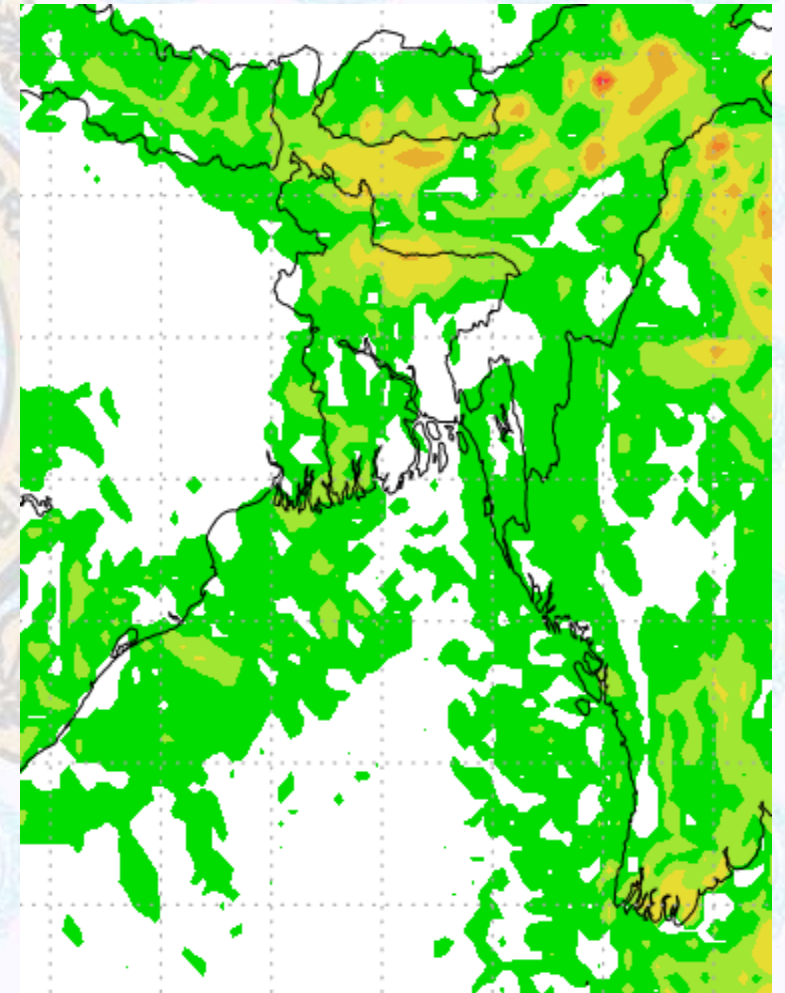
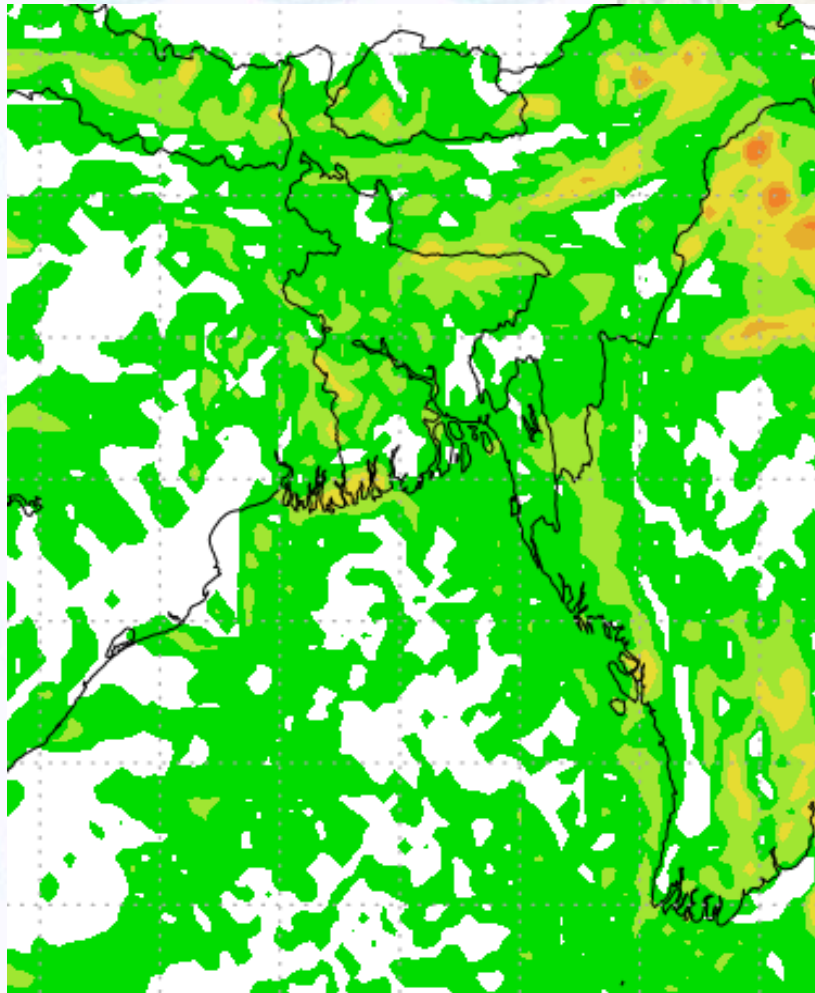
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 28 & 29 Aug 2020

Rain(mm) 29 & 30 Aug 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
28 Aug 2020	0247	1.51		0018	1.40		0638	2.78
	0910	4.51		0626	2.94		1317	1.63
	1549	1.38		1312	1.39		1923	2.52
	2200	4.17		1908	2.75		-	-
29 Aug 2020	Time	Height		Time	Height		Time	Height
	0407	1.43		0139	1.35		0126	1.50
	1024	4.46		0743	3.06		0800	2.90
	1700	1.19		1427	1.30		1433	1.47
	2307	4.39		2019	2.89		2037	2.69
30 Aug 2020	Time	Height		Time	Height		Time	Height
	0514	1.25		0247	1.24		0236	1.36
	1122	4.83		0842	3.24		0857	3.06
	1756	0.99		1525	1.18		1526	1.29
	2356	4.64		2111	3.08		2126	2.87