



WEATHER FORECAST FOR BN

22 OCT- 25 OCT 2020





WEATHER FORECAST – DHAKA

22.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 24	30 / 24	28 / 23	27 / 23
Wind	18 km/h ESE	19 km/h ESE	14 km/h ESE	13 km/h E
Humidity	88%	88%	83%	87%
Chance of Precip	34%	18%	57%	20%
Cloud Cover	98%	98%	98%	10%
Conditions	Rain	Rain	Rain	Rain
Sunrise Sunset	05: 59 AM 17: 26 PM			

Conditions

Pressure : 1007 hpa

Visibility : 4.54 km

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



WEATHER FORECAST – CHATTOGRAM

22.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 25	27 / 25	27 / 25	27 / 25
Wind	16 km/h ESE	16 km/h ESE	15 km/h ESE	15 km/h SE
Humidity	85%	87%	85%	90%
Chance of Precip.	63%	70%	67%	40%
Cloud Cover	100%	100%	98%	97%
Conditions	Rain	Rain	Rain	Rain
Sunrise	05: 52 AM			
Sunset	17: 21 PM			

Conditions

Pressure : 1008 hpa

Visibility : 4.05 Km

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



WEATHER FORECAST – KHULNA

22.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 26	26 / 26	26 / 25	26 / 25
Wind	17 km/h ESE	17 km/h ESE	9 km/h E	9 km/h E
Humidity	69%	75%	87%	91%
Chance of Precip.	41%	44%	6%	38%
Cloud Cover	95%	94%	90%	91%
Conditions	Light Rain	Light Rain	Light Rain	Light Rain
Sunrise Sunset	06: 02 AM 17: 30 PM			

Conditions

Pressure : 1006 hpa

Visibility : 6.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	23 Oct 2020	24 Oct 2020	25 Oct 2020
Temperature (C)	27 °C/ 25 °C	29 °C/ 25 °C	31 °C/ 25 °C
Summary	Rain	Light Rain	Partly Cloudy
Sun Rise/Set	6h00m12s/17h25m42s	6h00m36s/17h24m54s	6h00m54s/17h24m00s
Day Length	11h25m30s	11h24m18s	11h23m06s
Moon Rise/ Set	12:33PM 11:29PM	- -	2:04PM 12:26AM
Moon Phase/ illu	First Quarter, 54%	Waxing Gibbous, 0%	Waxing Gibbous, 64%
Nautical Twilight	05:07, 18:21	05:07, 18:21	05:07, 18:22
Civil Twilight	05:34, 17:54	05:34, 17:54	05:35, 17:54
Humidity	D : 87% N : 86%	D : 81% N : 85%	D : 75% N : 80%
Barometer (mb)	1003	1006	1008
Visibility	Moderate	Good	Good
Precip Chance	80%	50%	20%
Wind (mph)	21 Km/h SE	15 Km/h SW	8 Km/h SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	23 Oct 2020	24 Oct 2020	25 Oct 2020
Temperature (C)	30 °C/ 26 °C	29 °C/ 26 °C	30 °C/ 25 °C
Summary	Light Rain / Heavy Wind	Light Rain	Partly Cloudy
Sun Rise/Set	5h53m00s/17h21m30s	5h53m18s/17h20m42s	5h53m36s/17h19m48s
Day Length	11h28m30s	11h27m24s	11h26m12s
Moon Rise/ Set	12:33PM 11:29PM	- -	2:04PM 12:22AM
Moon Phase/ illu	First Quarter, 54%	Waxing Gibbous, 0%	Waxing Gibbous, 64%
Nautical Twilight	05: 02 18:15	05: 02 18:15	05: 02 18:16
Civil Twilight	05:27, 17:49	05:27, 17:49	05:28, 17:49
Humidity	D : 84% N : 94%	D : 87% N : 90%	D : 84% N : 87%
Barometer (mb)	1004	1006	1009
Visibility	Moderate	Good	Good
Precip Chance	50%	60%	20%
Wind (mph)	30 Km/h SSE	21 Km/h S	10 Km/h S

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



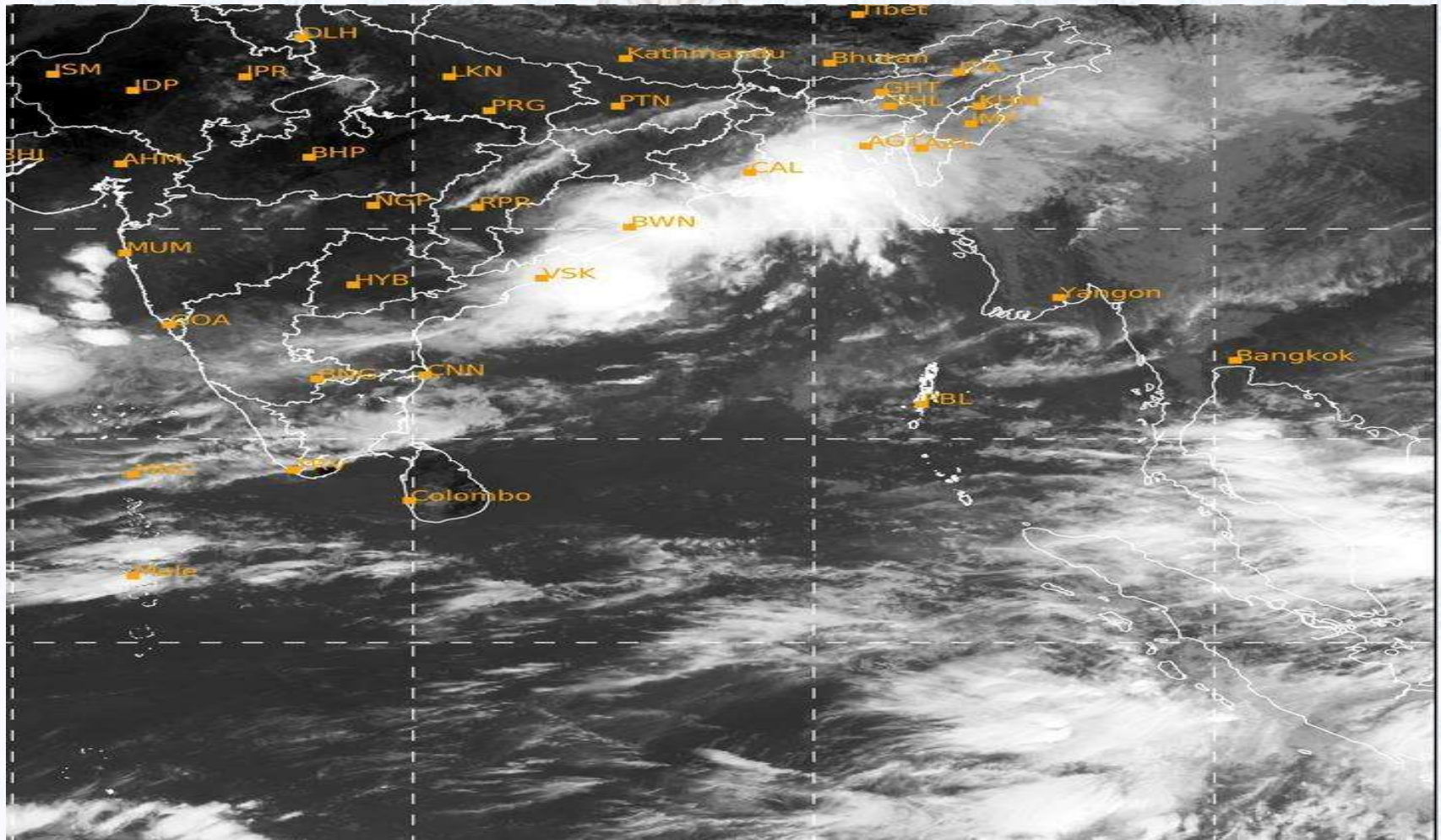
GENERAL WEATHER FORECAST – KHULNA

Description	23 Oct 2020	24 Oct 2020	25 Oct 2020
Temperature(C)	28°C/ 25°C	31°C/ 25°C	32°C/ 25°C
Summary	Light Rain	Cloudy/ Light Rain	Cloudy
Sun Rise/Set	6h02m42s/17h30m06s	6h03m00s/17h29m18s	6h03m18s/17h28m30s
Day Length	11h27m24s	11h26m18s	11h25m12s
Moon Rise/Set	12:33PM 11:29PM	- -	2:04PM 12:22AM
Moon Phase/illu	First Quarter, 54%	Waxing Gibbous, 0%	Waxing Gibbous, 64%
NauticalTwilight	05:10, 18:24	05:10, 18:24	05:10, 18:25
Civil Twilight	05:37, 17:58	05:37, 17:58	05:38, 17:58
Humidity	D : 96% N : 87%	D : 84% N : 87%	D : 80% N : 87%
Barometer (mb)	1001	1006	1008
Visibility	Moderate	Good	Good
Precip Chance	70%	30%	20%
Wind (mph)	19 km/h SE	11 km/h WNW	6 km/h WNW

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



SATELLITE VIEW OF BAY OF BENGAL

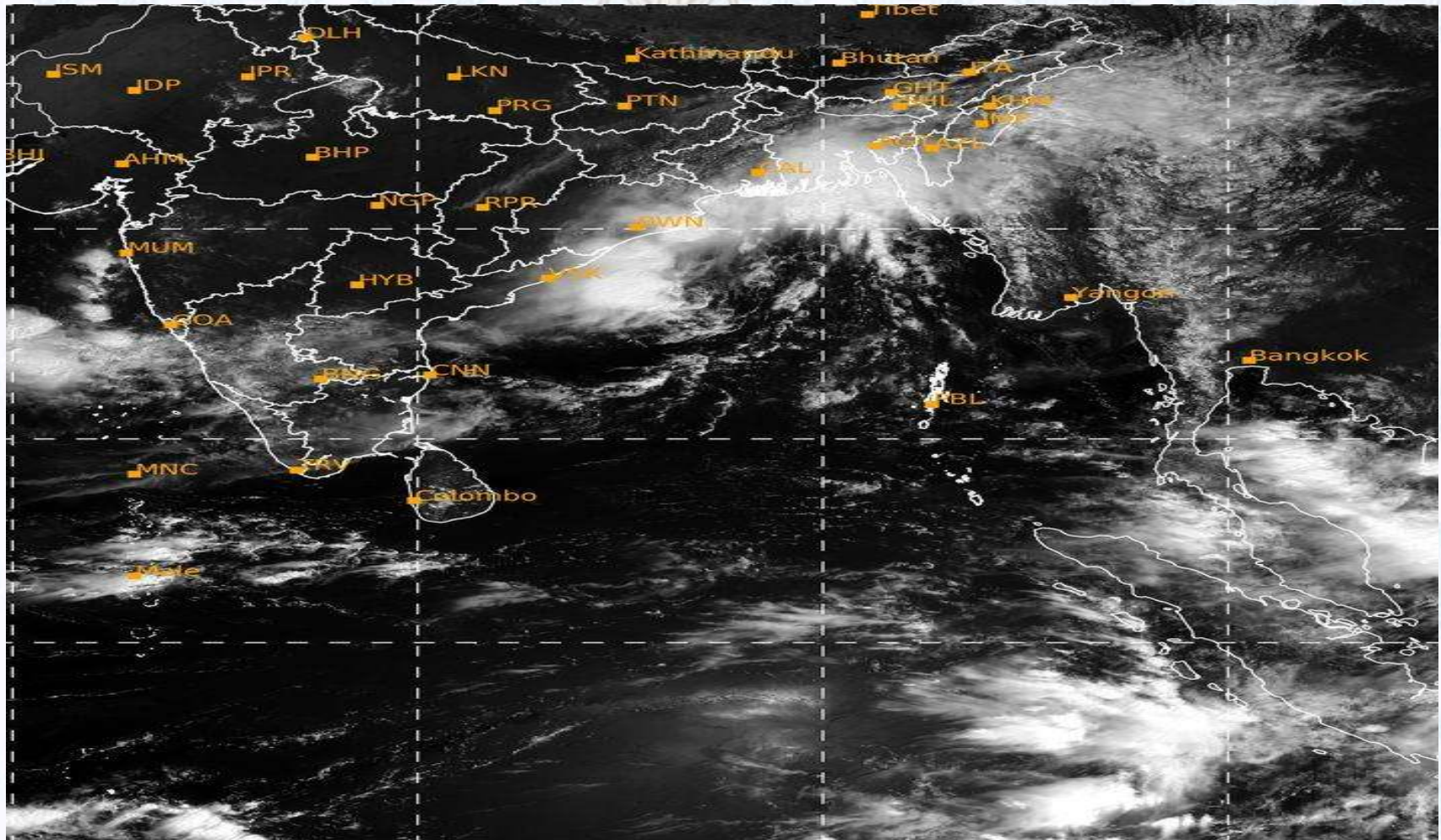


22/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



22/10/2020, 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 22.10.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE WELL-MARKED LOW NOW LIES OVER NORTHWEST BAY AND ADJOINING WEST CENTRAL BAY. IT IS LIKELY TO INTENSIFY FURTHER. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	TEMPORARY 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 = 22,0000 UTC. CHATTOGRAM =1007 HPA



Inland River Port Warning (VALID TILL 06 PM OF 22.10.2020)

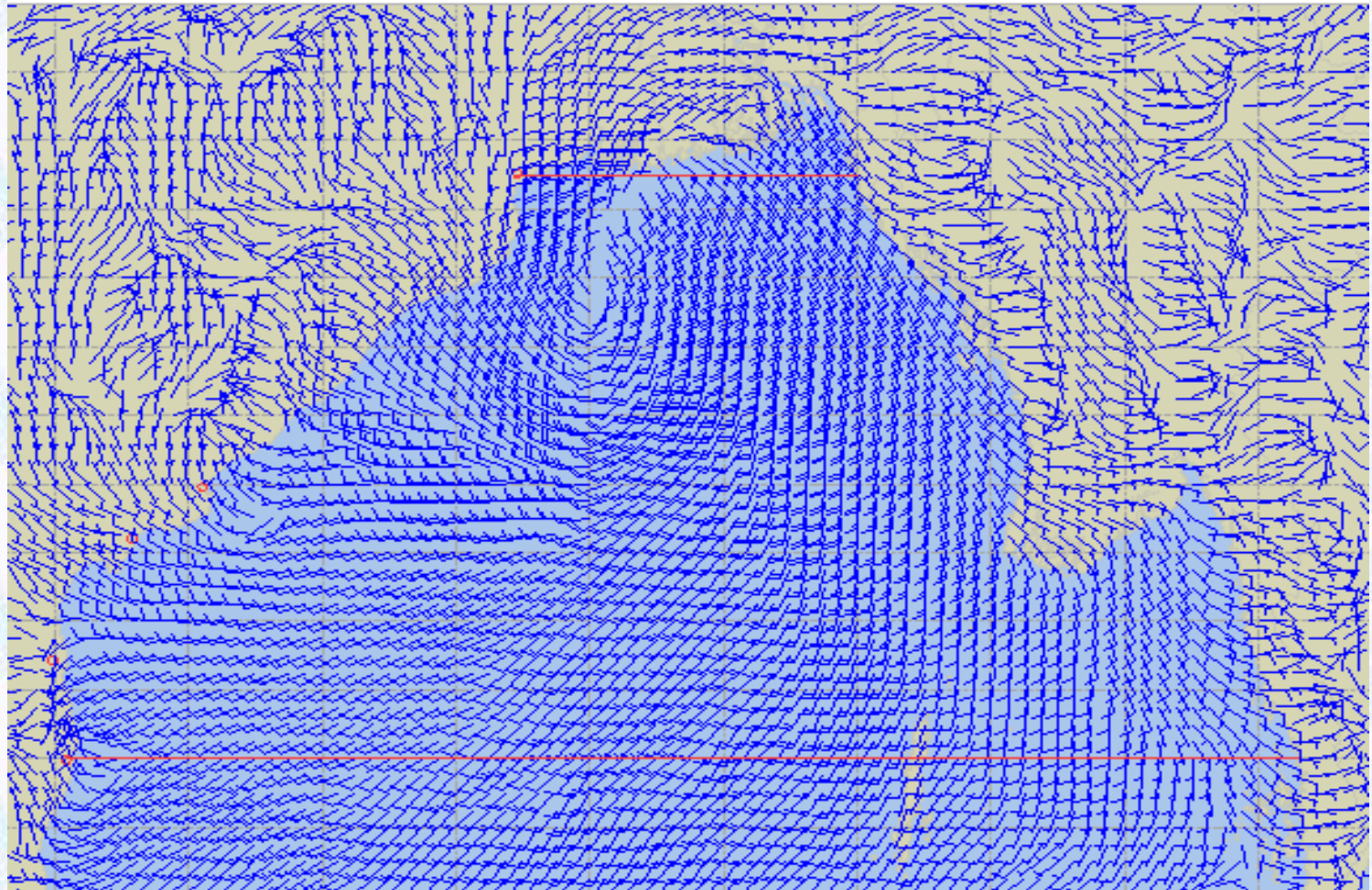
IN ASSOCIATION WITH RAIN/THUNDER SHOWERS TEMPORARY **SOUTH/SOUTH-EASTERLY** SQUALLS SPEED **60-80** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF DHAKA, FARIDPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST RIVERINE 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 THE COUNTRY WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY SIGNAL NO. **ONE (R) ONE**.

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



Surface Wind Forecast- 23 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



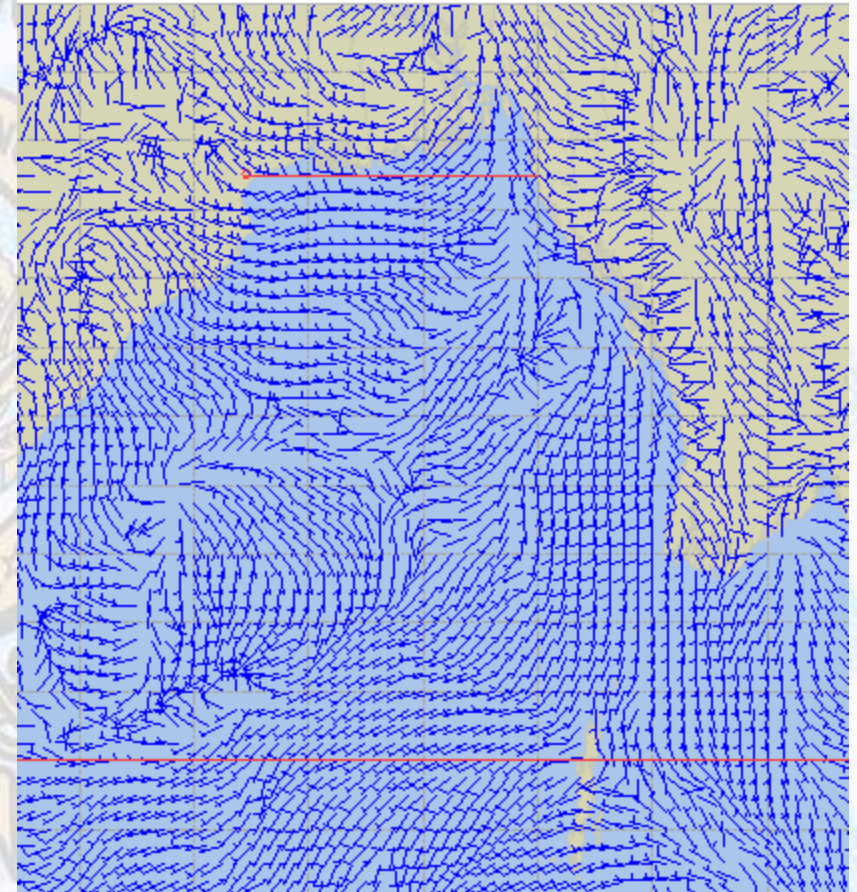
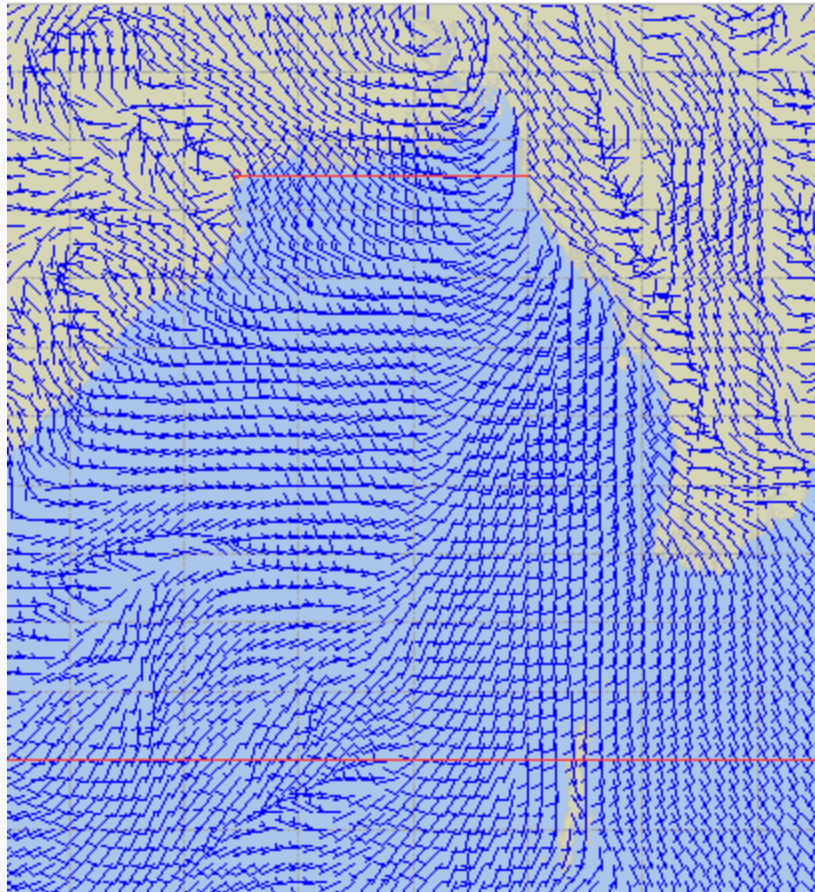
60 Knots



Surface Wind Forecast – 24 & 25 Oct- 2020

24 Oct 20 Saturday

25 Oct 20 Sunday



Legend:



Calm
Winds



5 Knots



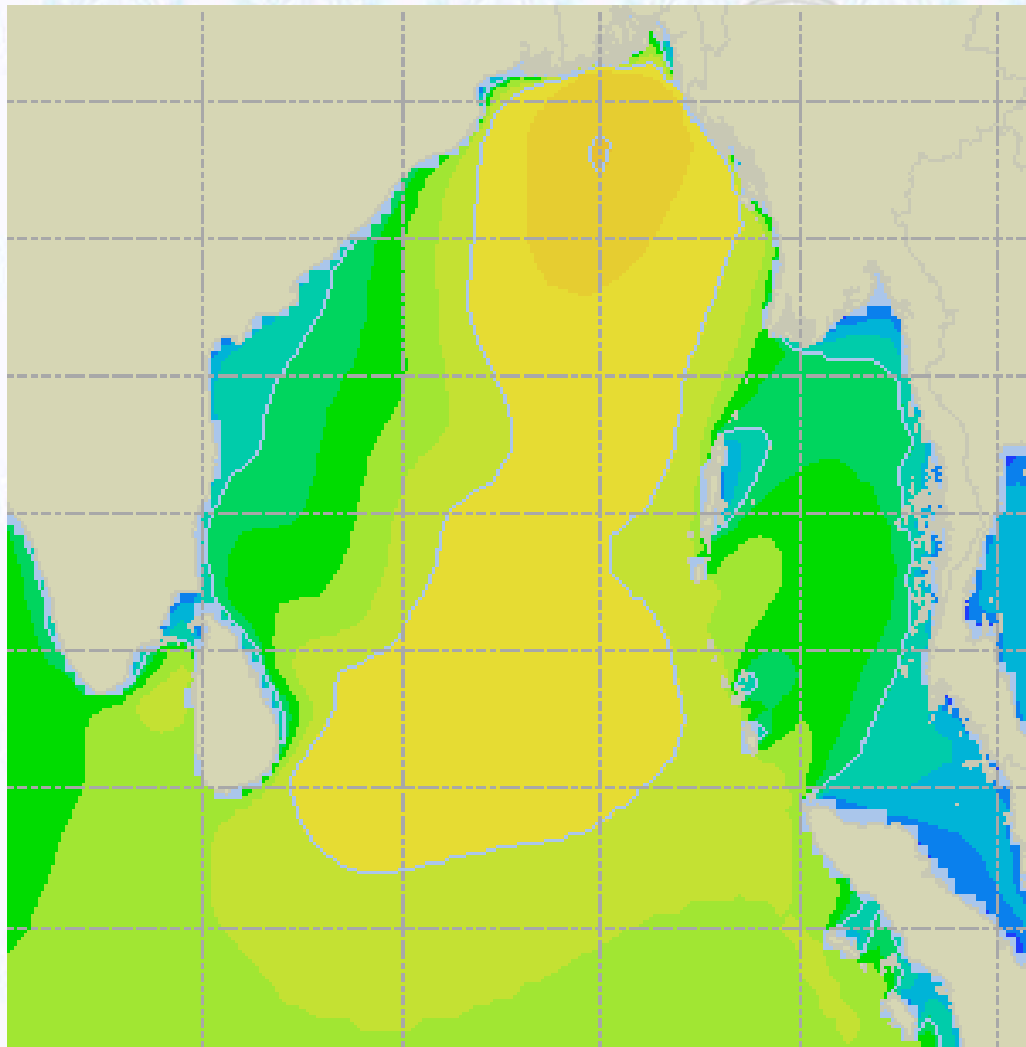
10 Knots



60 Knots



Sea State Forecast – 23 Oct- 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

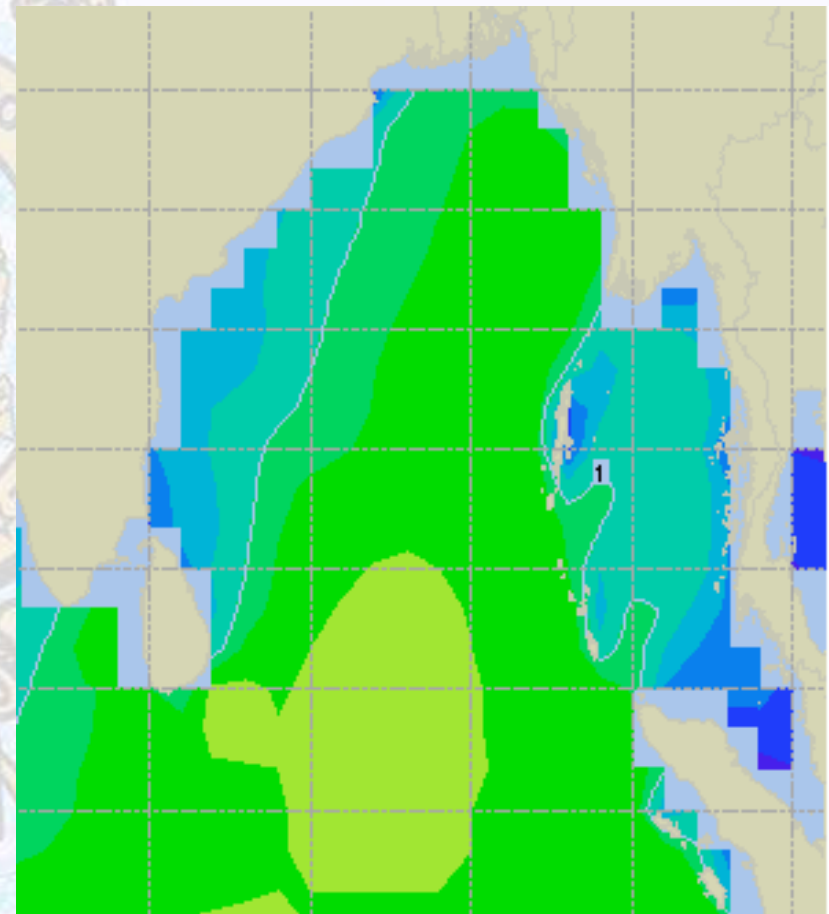
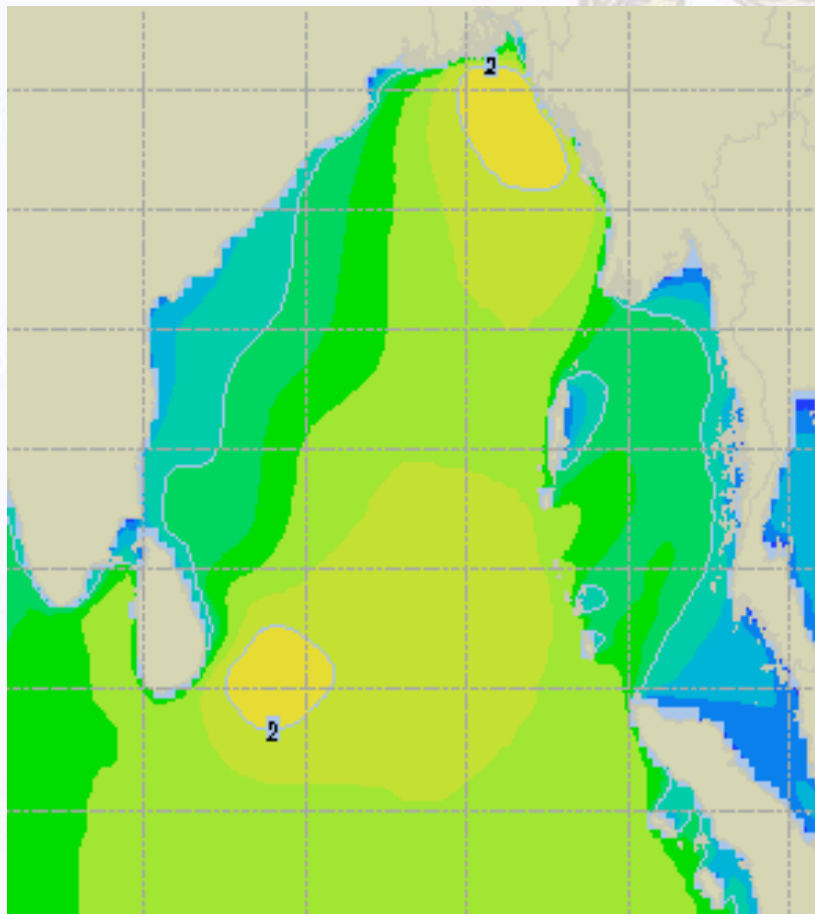




Sea State Forecast – 24 & 25 Oct- 2020

24 Oct 20 Saturday

25 Oct 20 Sunday

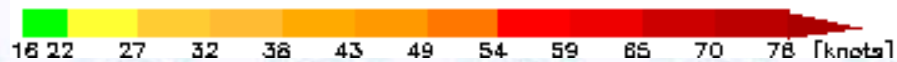
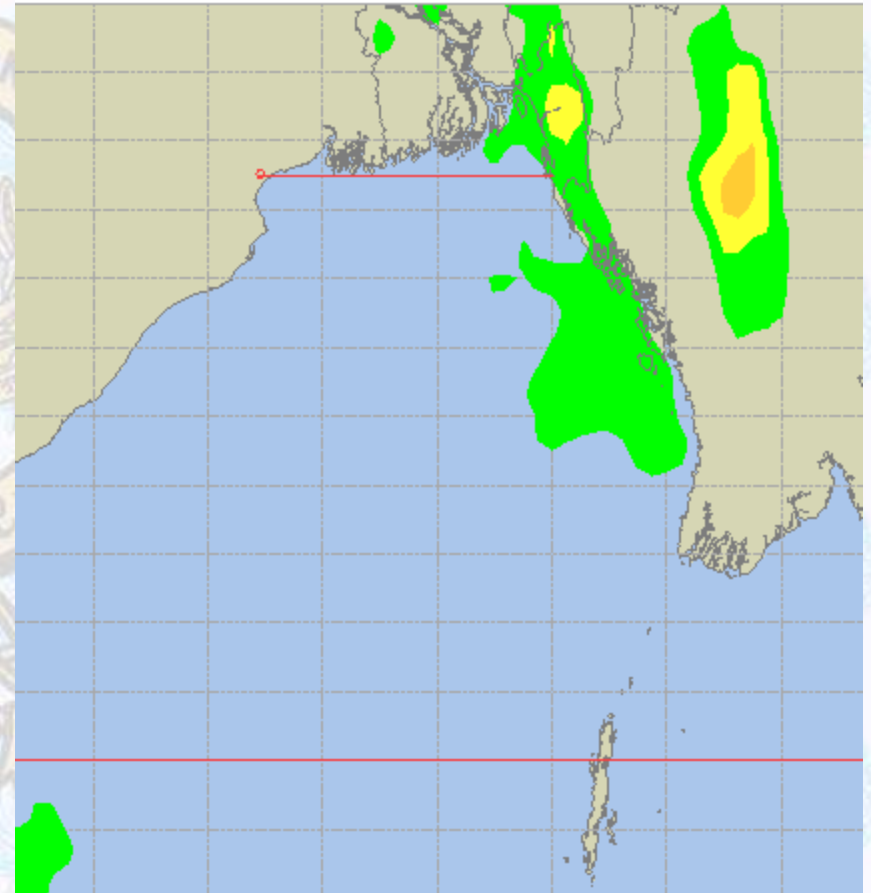
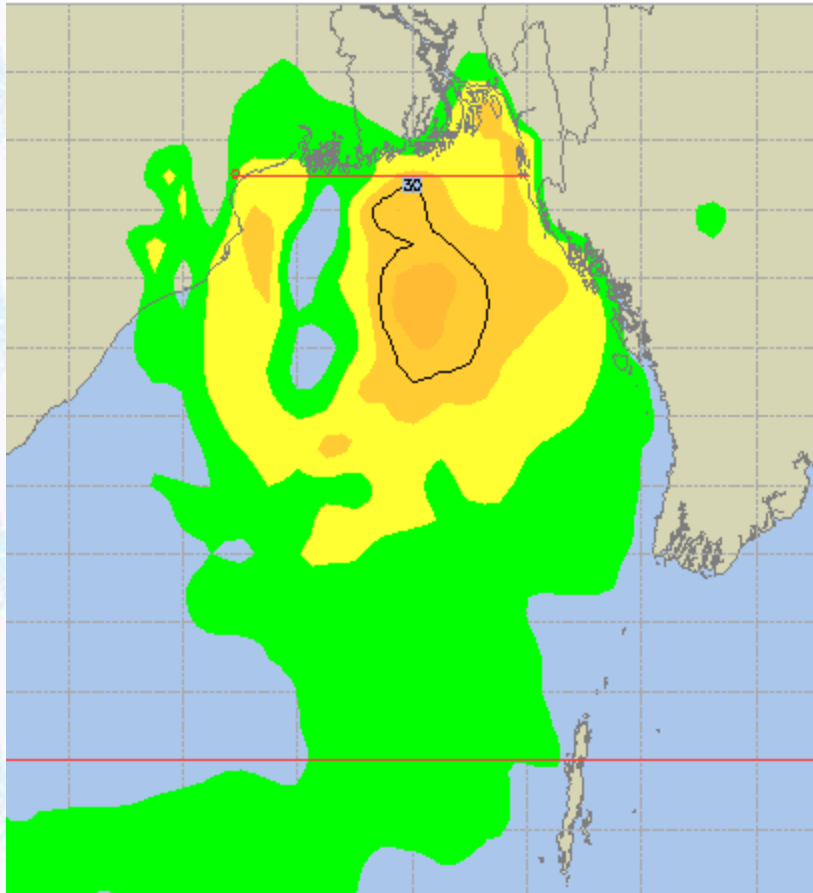




Peak Gusting Possibilities— 23 & 24 Oct 2020

23 Oct 20 Friday

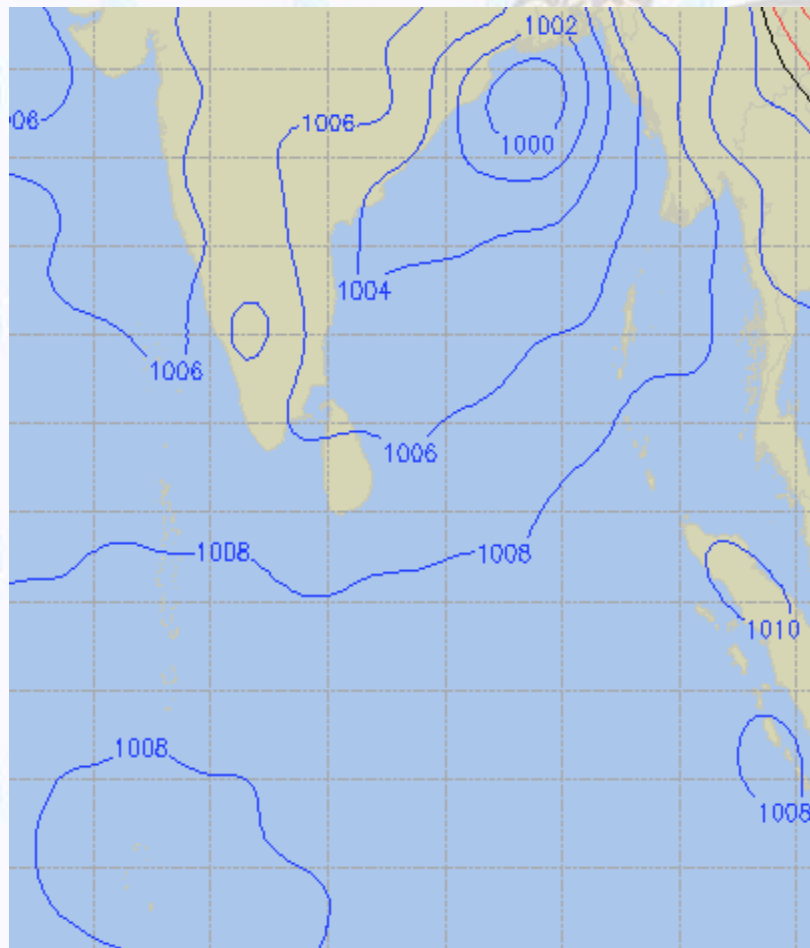
24 Oct 20 Saturday



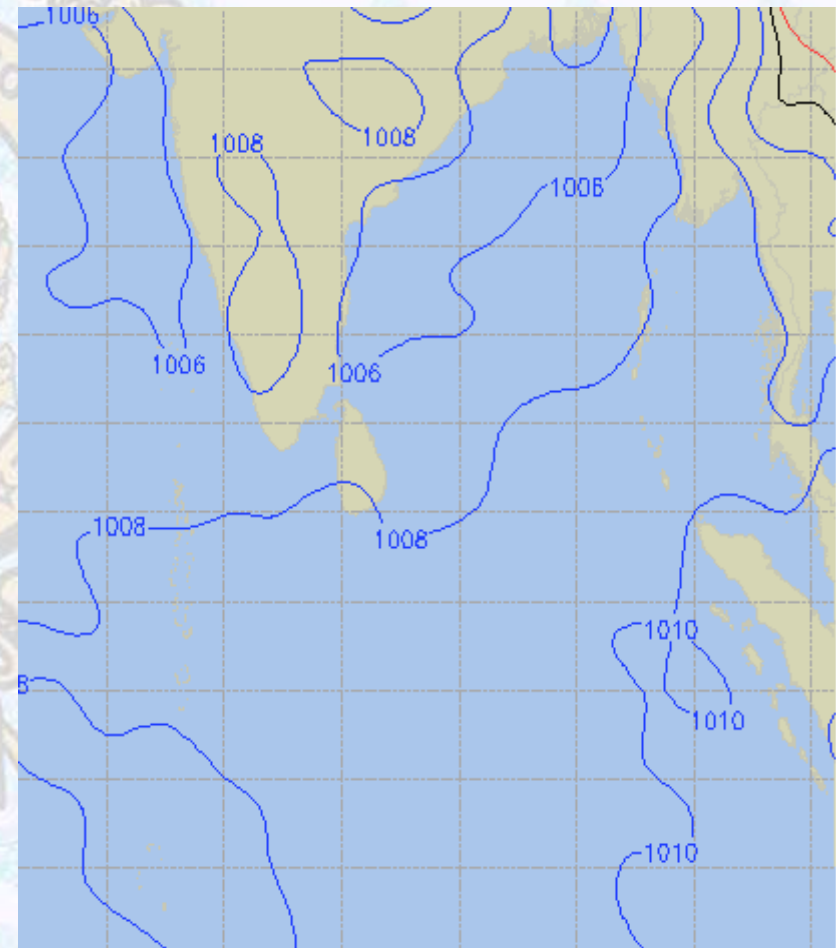


Surface Pressure forecast– 23 & 24 Oct 2020

23 Oct 20 Friday



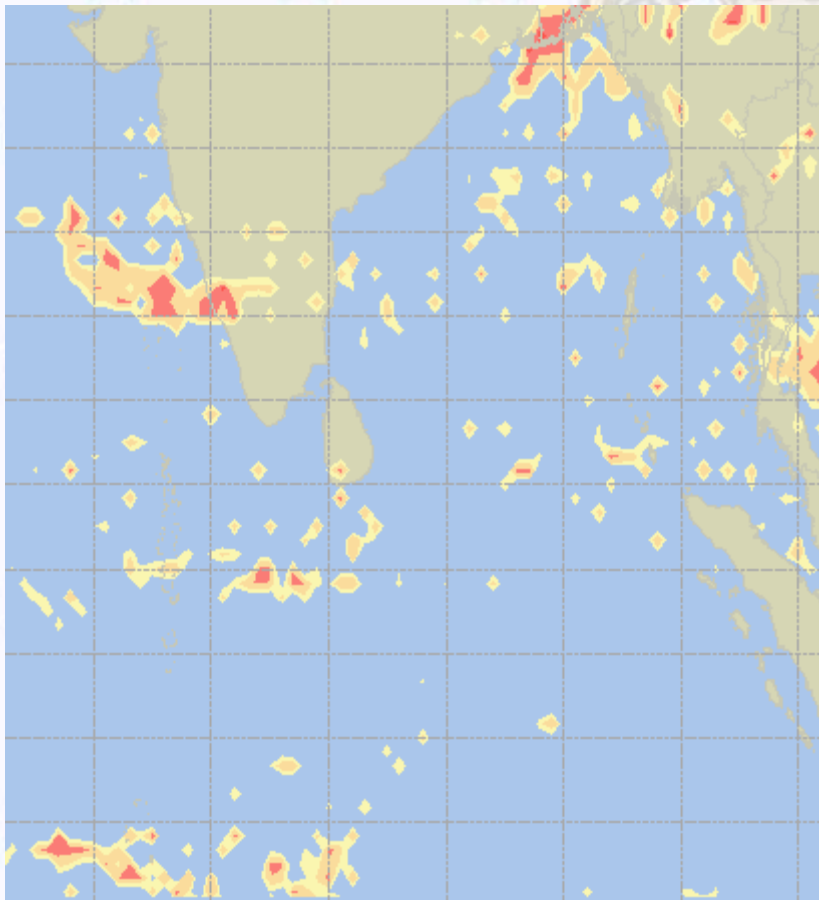
24 Oct 20 Saturday



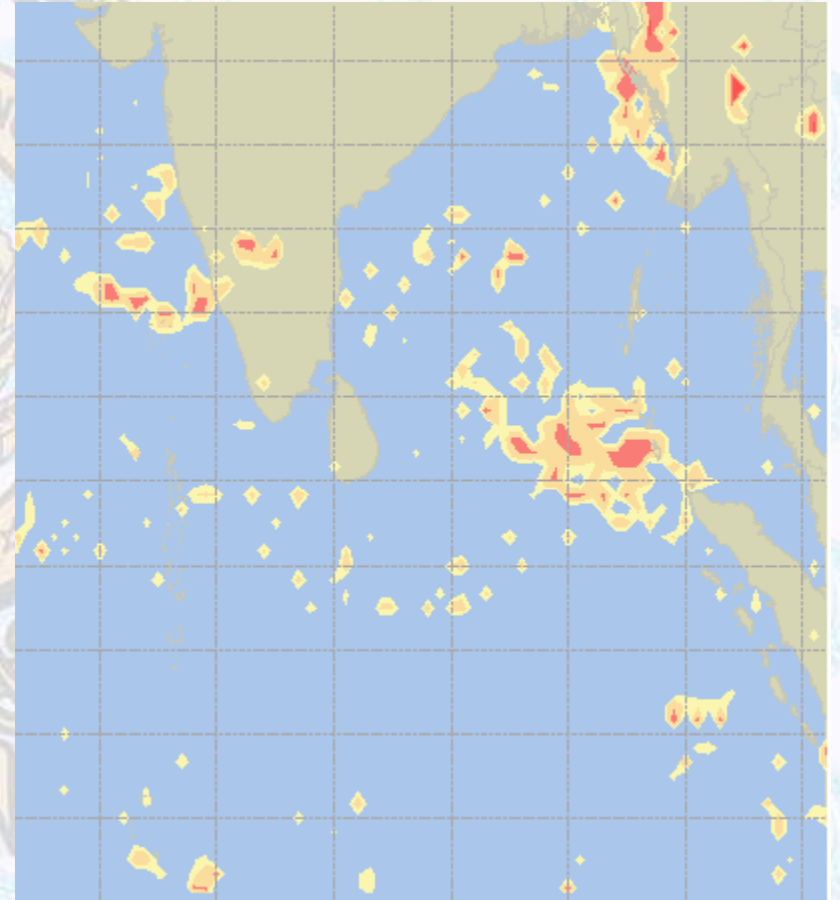


Visibility at Sea Forecast – 23 & 24 Oct 2020

23 Oct 20 Friday



24 Oct 20 Saturday



Visibility Scale:

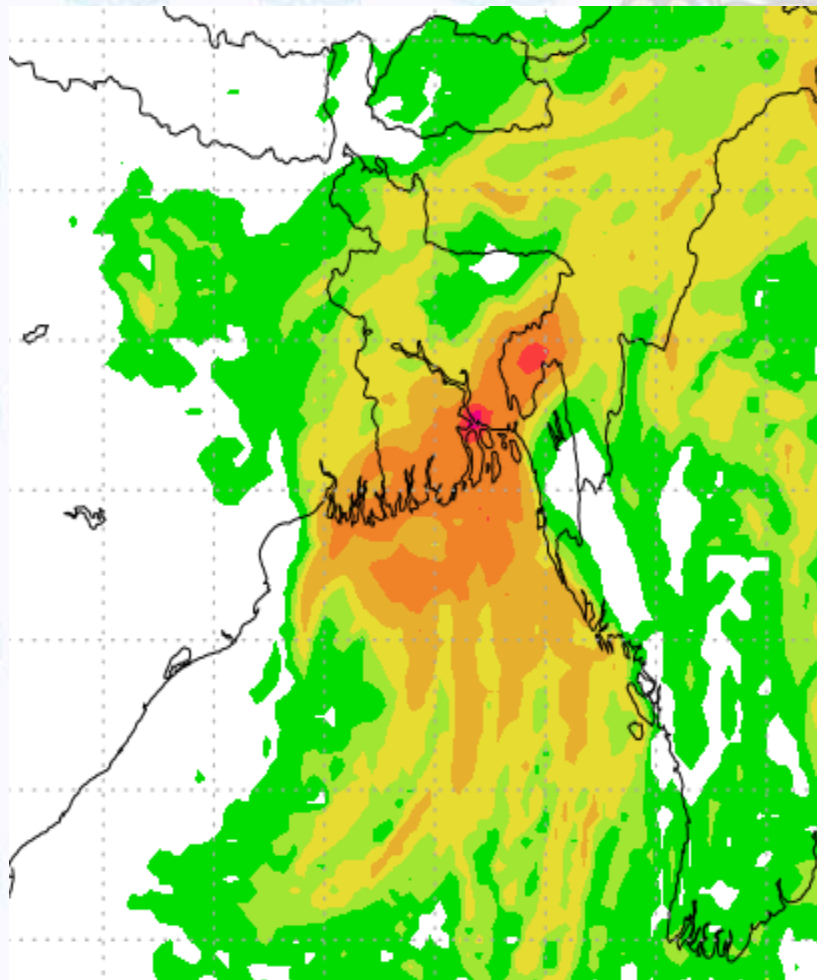


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

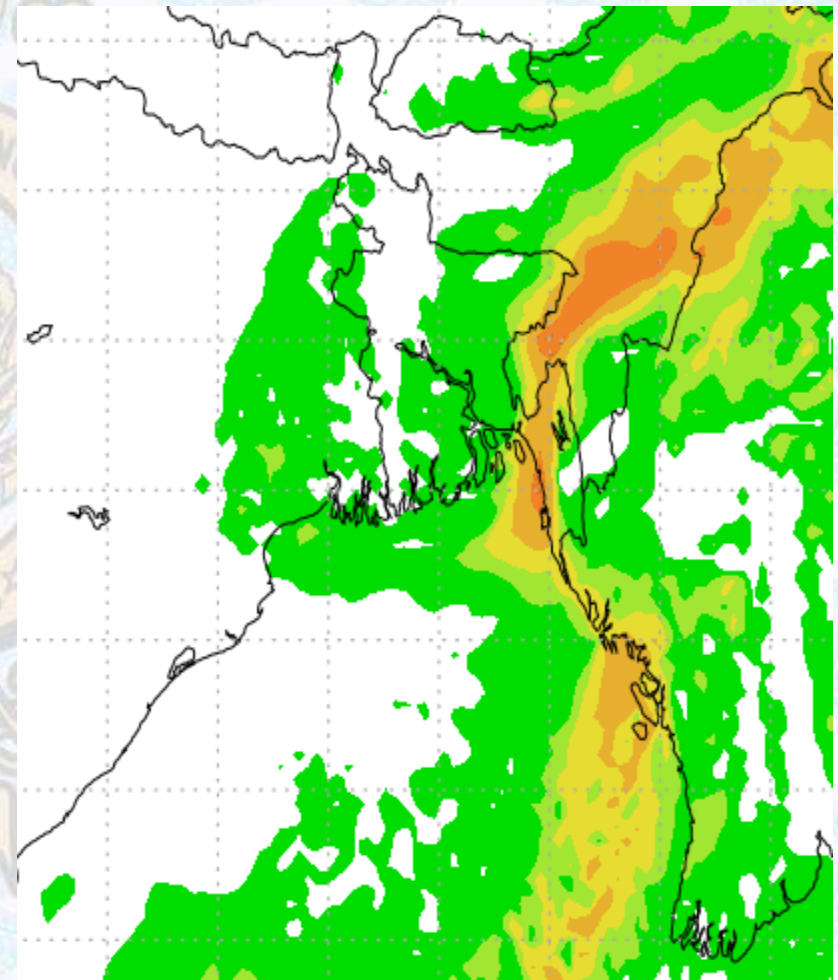


Precipitation

Rain(mm) 22 & 23 Oct 2020



Rain(mm) 23 & 24 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0528		4.33			0255	2.99
23 Oct 2020	1214	1.14		0939	1.15		0930	1.38
	1820	3.83		1530	2.59		1512	2.39
	-	-		2204	1.26		2132	1.47
	Time	Height		Time	Height		Time	Height
		0031		1.51			0401	2.75
24 Oct 2020	0650	4.05		1058	1.27		1105	1.46
	1341	1.25		1655	2.45		1714	2.31
	1958	3.74		2331	1.36		2320	1.56
	Time	Height		Time	Height		Time	Height
		0209		1.60			0529	2.62
25 Oct 2020	0823	3.96		1230	1.28		1233	1.39
	1503	1.17		1838	2.50		1855	2.42
	2124	3.90		-	-		-	-