



WEATHER FORECAST FOR BN

21 OCT- 24 OCT 2020





WEATHER FORECAST – DHAKA

21.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 24	30 / 24	28 / 23	27 / 23
Wind	10 km/h SSE	12 km/h S	6 km/h SE	6 km/h ESE
Humidity	62%	61%	73%	77%
Chance of Precip	24%	14%	5%	20%
Cloud Cover	85%	85%	93%	85%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	05: 59 AM 17: 27 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.54 km

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



WEATHER FORECAST – CHATTOGRAM

21.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 26	28 / 25	27 / 26	27 / 25
Wind	8 km/h ESE	8 km/h ESE	6 km/h ESE	8 km/h ESE
Humidity	85%	87%	85%	90%
Chance of Precip.	13%	10%	42%	60%
Cloud Cover	96%	97%	95%	100%
Conditions	Cloudy	Cloudy	Light Rain	Rain
Sunrise	05: 51 AM			
Sunset	17: 22 PM			

Conditions

Pressure : 100 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

21.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 27	29 / 26	27 / 25	27 / 25
Wind	1 km/h ESE	14 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	Cloudy	Cloudy	Cloudy	Light Rain
Sunrise Sunset	06: 01 AM 17: 31 PM			

Conditions

Pressure : 1009 hpa

Visibility : 8.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	22 Oct 2020	23 Oct 2020	24 Oct 2020
Temperature (C)	26 °C/ 25 °C	26 °C/ 25 °C	28 °C/ 25 °C
Summary	Rain	Rain	Light Rain
Sun Rise/Set	5h59m42s/17h26m24s	6h00m12s/17h25m42s	6h00m36s/17h24m54s
Day Length	11h26m42s	11h25m30s	11h24m18s
Moon Rise/ Set	11:41AM 10:35PM	12:33PM 11:29PM	- -
Moon Phase/ illu	Waxing Crescent, 43%	First Quarter, 54%	Waxing Gibbous, 0%
Nautical Twilight	05:07, 18:21	05:07, 18:21	05:07, 18:21
Civil Twilight	05:34, 17:54	05:34, 17:54	05:34, 17:54
Humidity	D : 88% N : 88%	D : 91% N : 87%	D : 82% N : 87%
Barometer (mb)	1006	1003	1006
Visibility	Good	Good	Good
Precip Chance	90%	70%	40%
Wind (mph)	18 Km/h ESE	15 Km/h SE	11 Km/h SW

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	22 Oct 2020	23 Oct 2020	24 Oct 2020
Temperature (C)	28 °C/ 26 °C	29 °C/ 26 °C	29 °C/ 25 °C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	5h52m30s/17h22m06s	5h53m00s/17h21m30s	5h53m18s/17h20m42s
Day Length	11h29m36s	11h28m30s	11h27m24s
Moon Rise/ Set	11:41AM 10:35PM	12:33PM 11:29PM	- -
Moon Phase/ illu	Waxing Crescent, 43%	First Quarter, 54%	Waxing Gibbous, 0%
Nautical Twilight	05: 02 18:15	05: 02 18:15	05: 02 18:15
Civil Twilight	05:27, 17:49	05:27, 17:49	05:27, 17:49
Humidity	D : 91% N : 90%	D : 86% N : 87%	D : 84% N : 91%
Barometer (mb)	1006	1004	1007
Visibility	Good	Good	Good
Precip Chance	60%	60%	40%
Wind (mph)	18 Km/h SE	27 Km/h SSE	17 Km/h S

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



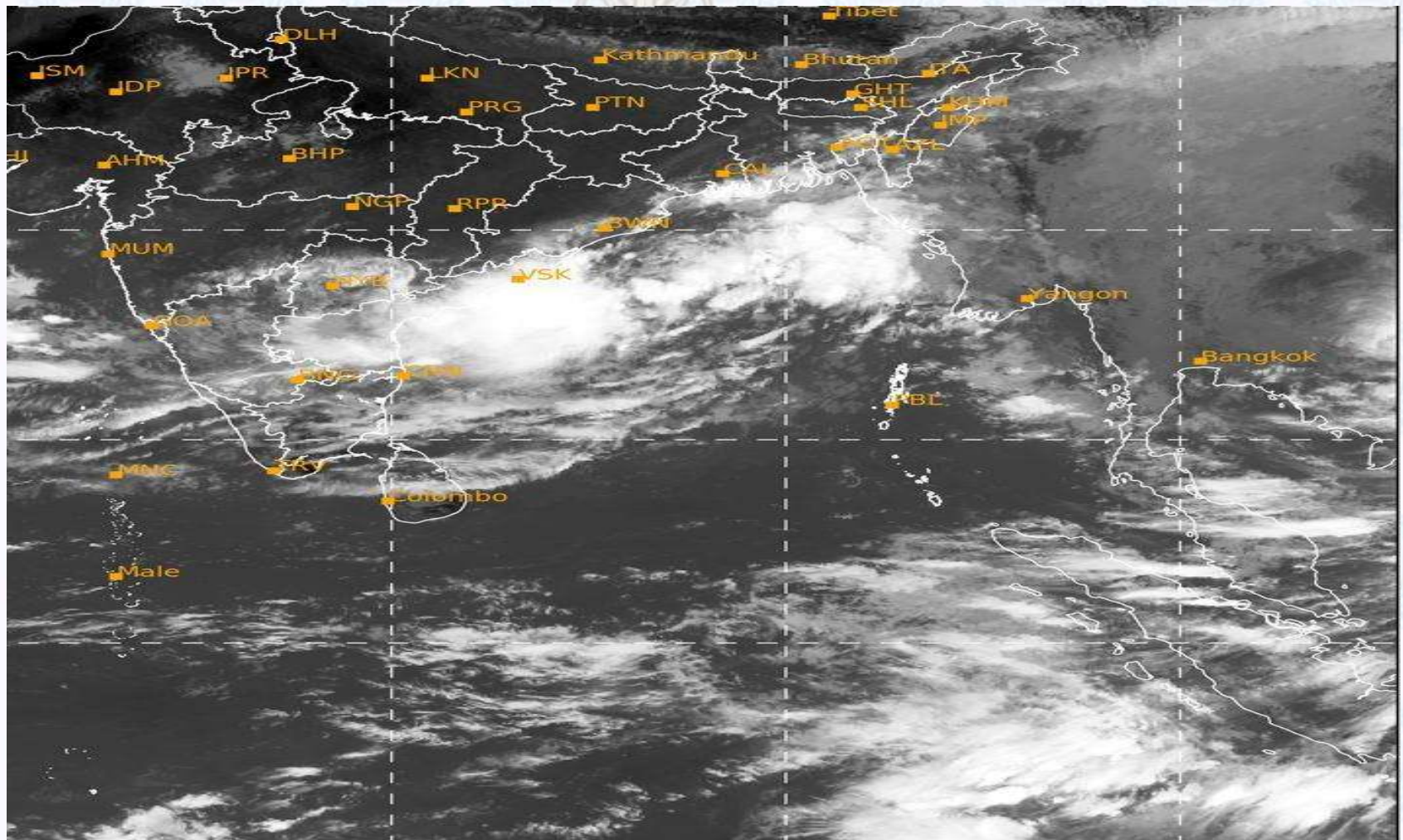
GENERAL WEATHER FORECAST – KHULNA

Description	22 Oct 2020	23 Oct 2020	24 Oct 2020
Temperature(C)	27°C/ 25°C	28°C/ 25°C	31°C/ 25°C
Summary	Light Rain	Light Rain	Cloudy/ Light Rain
Sun Rise/Set	6h02m06s/17h30m42s	6h02m42s/17h30m06s	6h03m00s/17h29m18s
Day Length	11h28m36s	11h27m24s	11h26m18s
Moon Rise/Set	11:41AM 10:35PM	12:33PM 11:29PM	- -
Moon Phase/illu	Waxing Crescent, 43%	First Quarter, 54%	Waxing Gibbous, 0%
NauticalTwilight	05:10, 18:24	05:10, 18:24	05:10, 18:24
Civil Twilight	05:37, 17:58	05:37, 17:58	05:37, 17:58
Humidity	D : 88% N : 88%	D : 91% N : 87%	D : 82% N : 87%
Barometer (mb)	1004	1003	1003
Visibility	Good	Good	Good
Precip Chance	90%	60%	20%
Wind (mph)	17 km/h E	15 km/h WNW	10 km/h W

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



SATELLITE VIEW OF BAY OF BENGAL

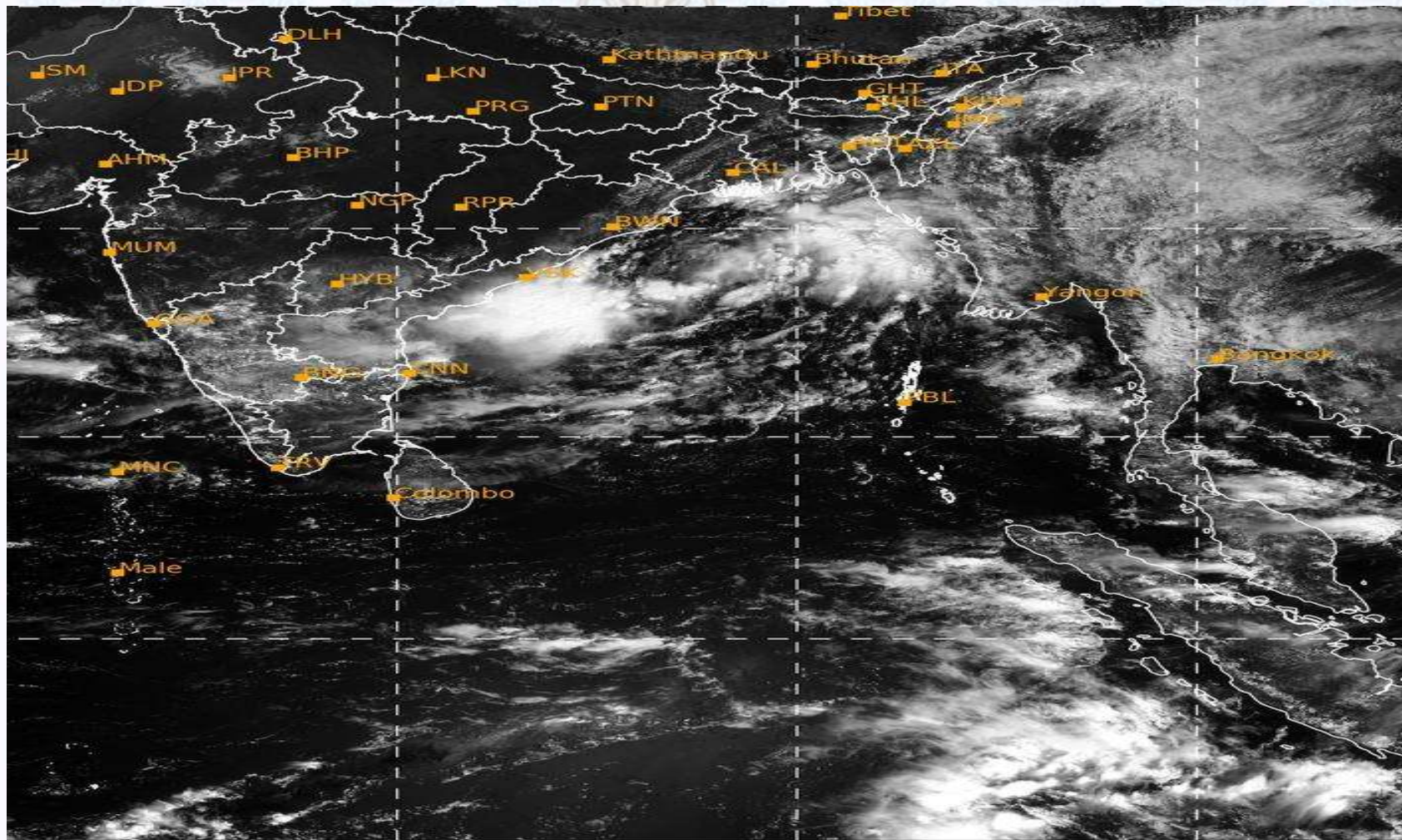


21/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



21/10/2020, 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 21.10.2020)

Part One	WARNING BAY OF BENGAL.	
Part Two	THE LOW OVER CENTRAL PART OF BAY OF BENGAL NOW LIES OVER WEST CENTRAL BAY AND ADJOINING EAST CENTRAL BAY. IT IS LIKELY TO INTENSIFY UNDER ITS INFLUENCE SQUALLY WEATHER MAY AFFECT THE NORTH BAY. MARITIME PORTS AND COASTAL AREAS OF BANGLADESH. MONSOON IS STRONG OVER NORTH BAY.	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	SOUTH-EAST/SOUTHERLY 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 = 20,0000 UTC. CHATTOGRAM =1007 HPA



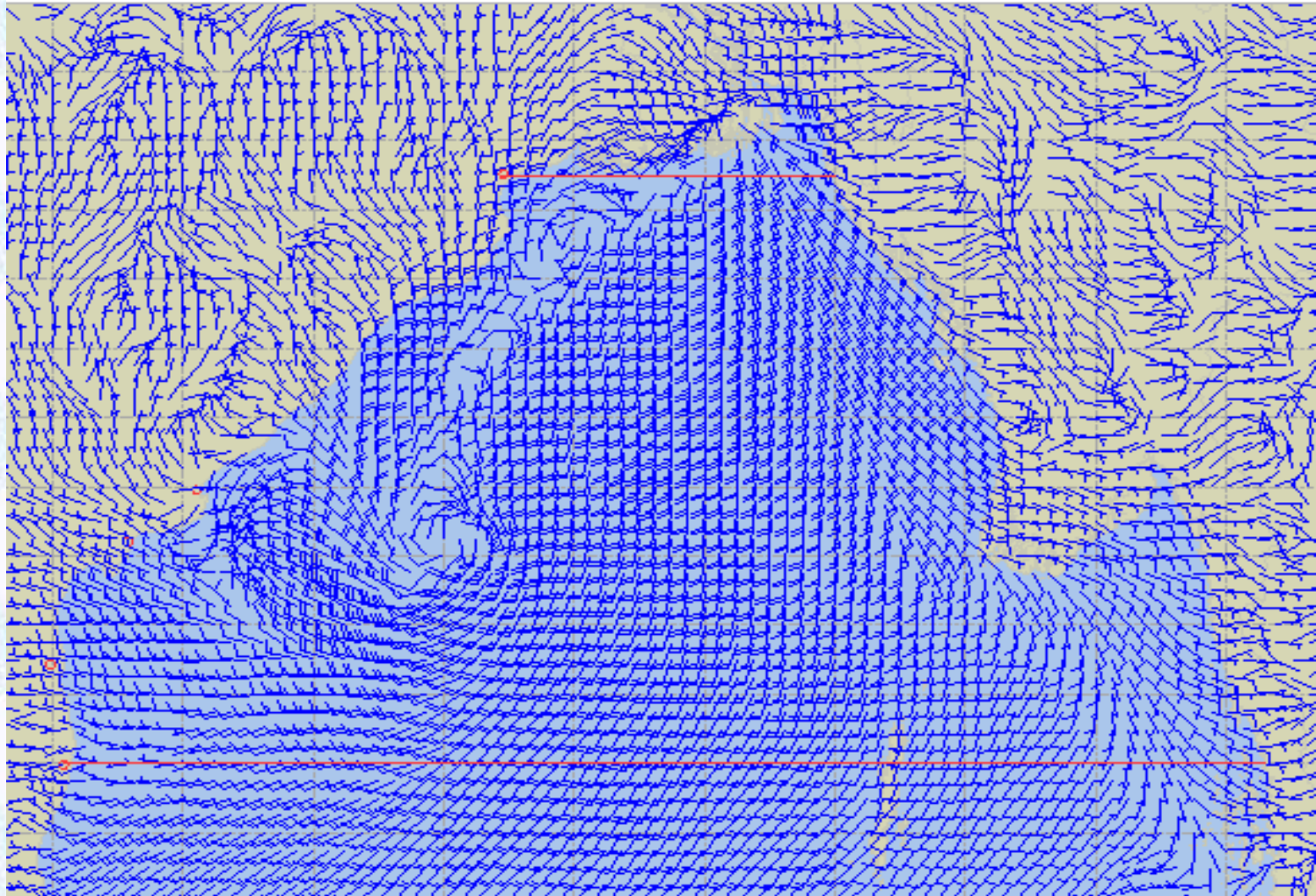
Inland River Port Warning **(VALID TILL 06 PM OF 21.10.2020)**

RAIN/THUNDER SHOWERS TEMPORARY SOUTH/SOUTH-EASTERLY GUSTY/SQUALLY WIND SPEED 45-60 KPH IS LIKELY TO OCCUR OVER THE REGIONS OF MYMENSINGH, TANGAIL, DHAKA, FAFIDPUR, MADARIPUR, JASHORE, KUSHTIA, KHULNA, BARISHAL, PATUAKHALI, NOAKHALI, CUMILLA, CHATTOGRAM, COX'S BAZAR AND SYLHET WHEREIN RIVERPORTS SHALL HOIST CAUTIONARY NO. ONE (R) ONE.

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



Surface Wind Forecast- 22 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



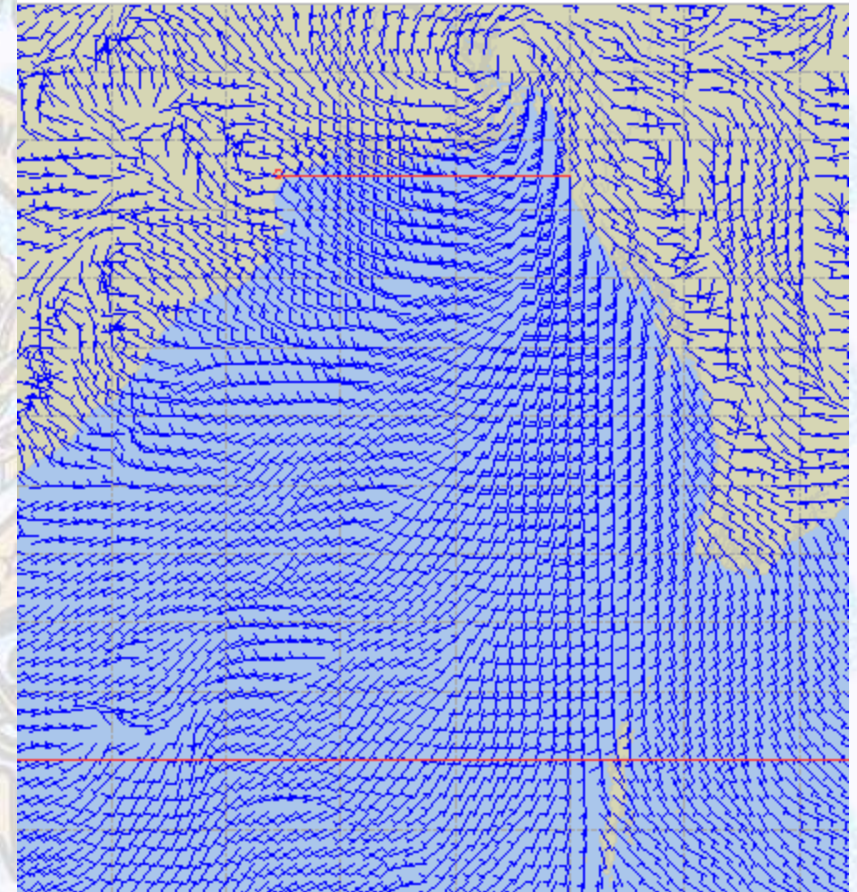
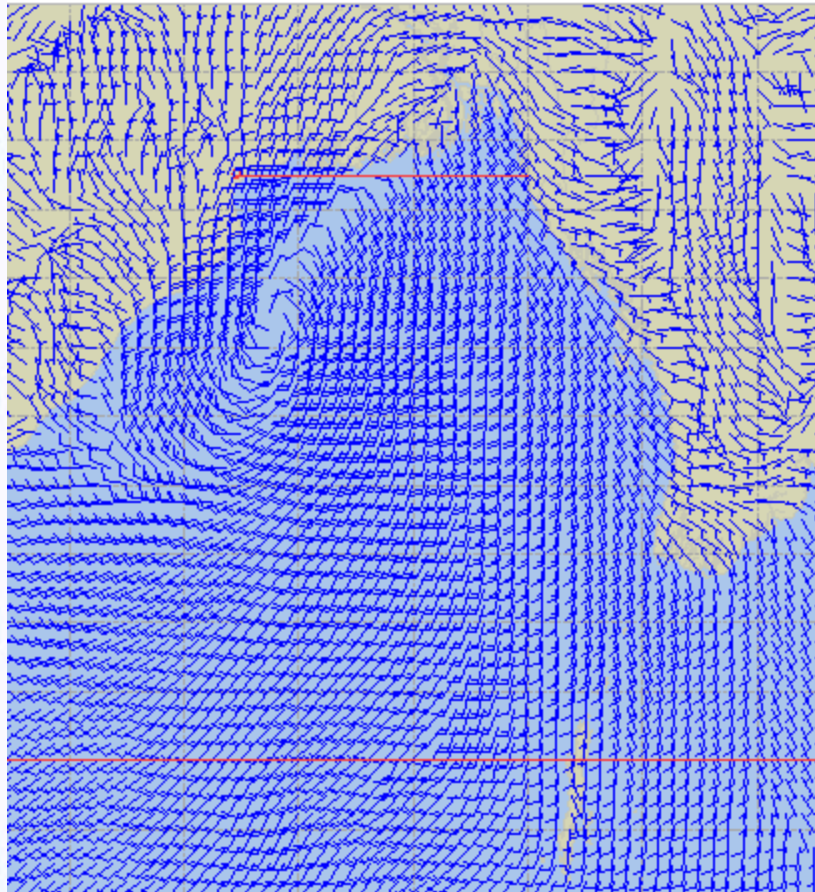
60 Knots



Surface Wind Forecast – 23 & 24 Oct- 2020

23 Oct 20 Friday

24 Oct 20 Saturday



Legend:



Calm
Winds



5 Knots



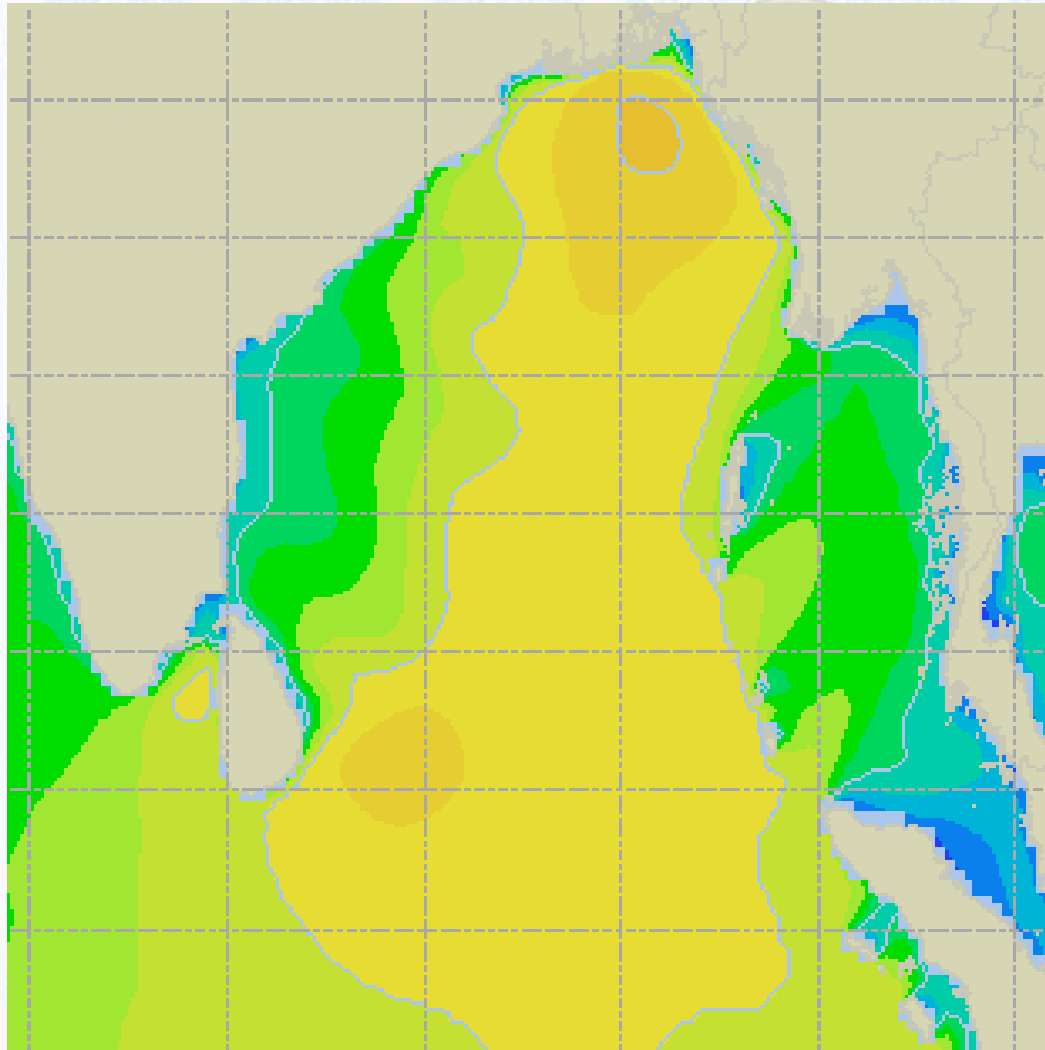
10 Knots



60 Knots



Sea State Forecast – 22 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

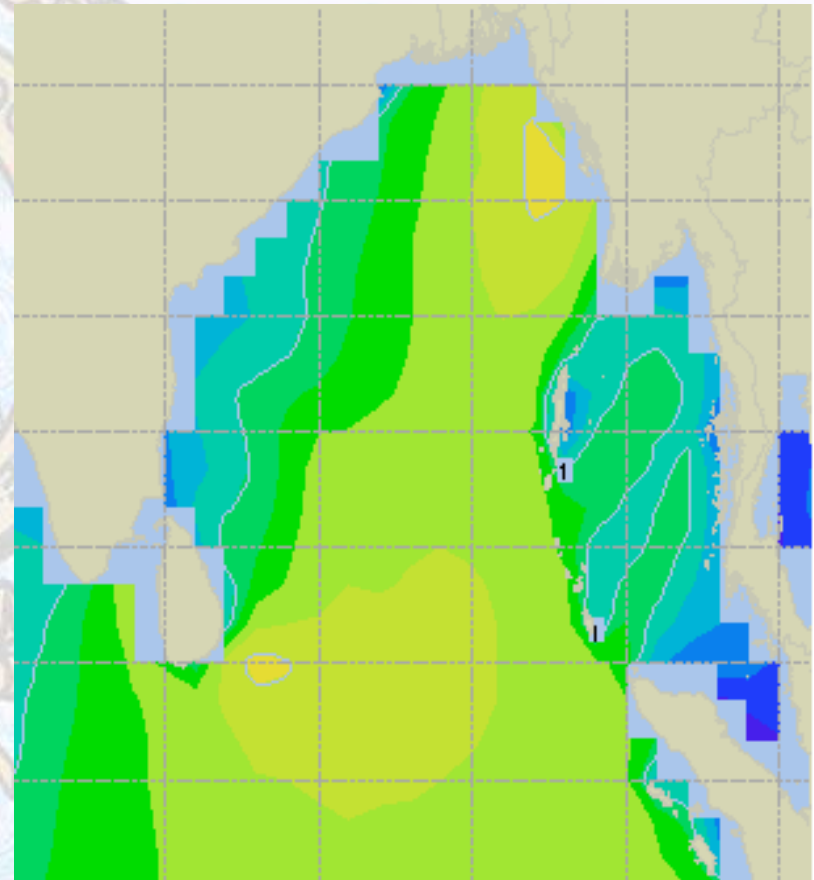
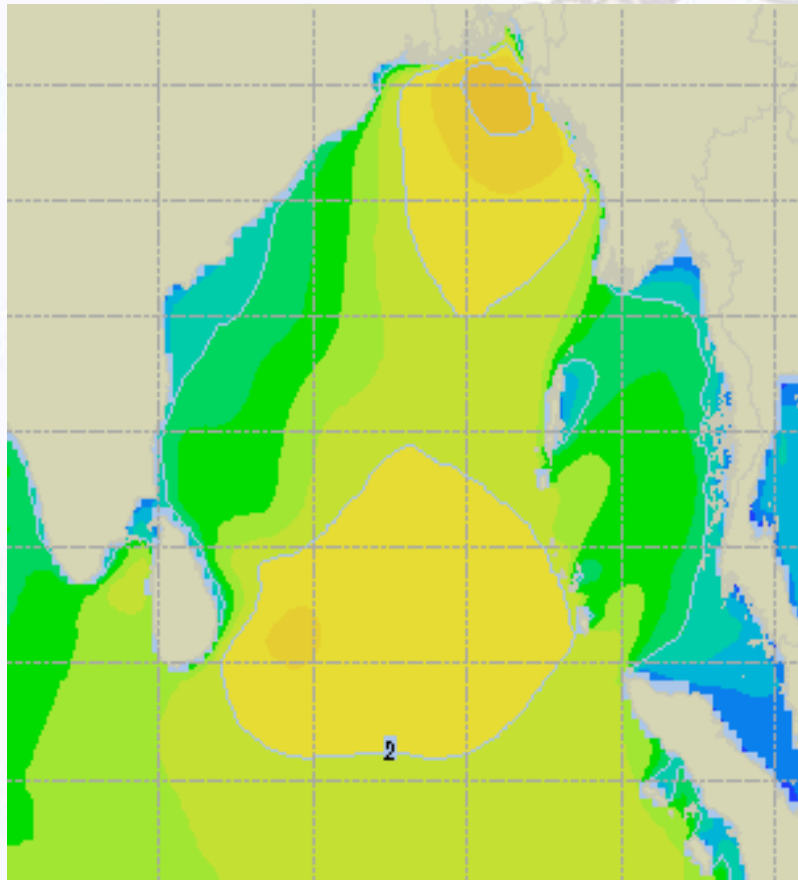




Sea State Forecast – 23 & 24 Oct- 2020

23 Oct 20 Friday

24 Oct 20 Saturday

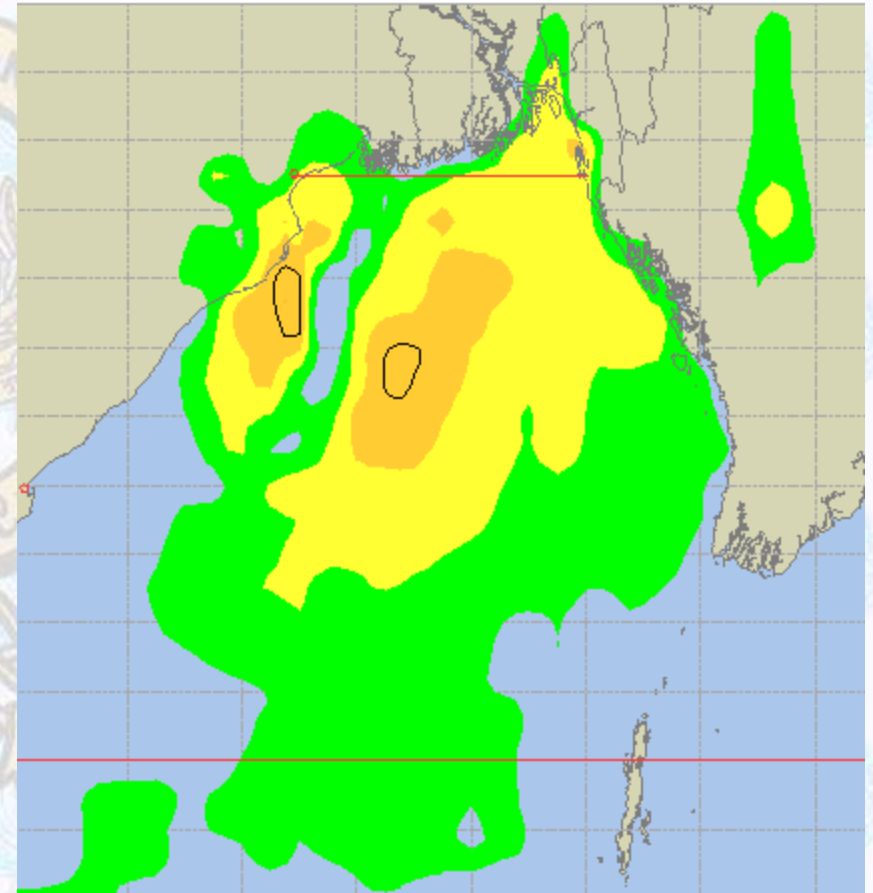
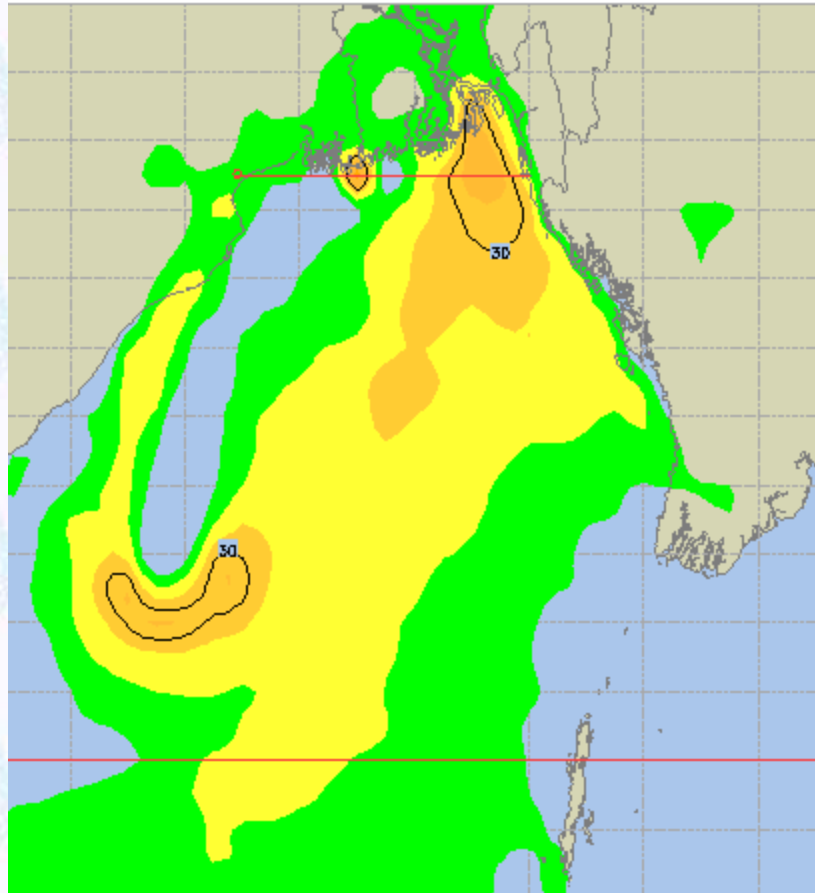




Peak Gusting Possibilities— 22 & 23 Oct 2020

22 Oct 20 Thursday

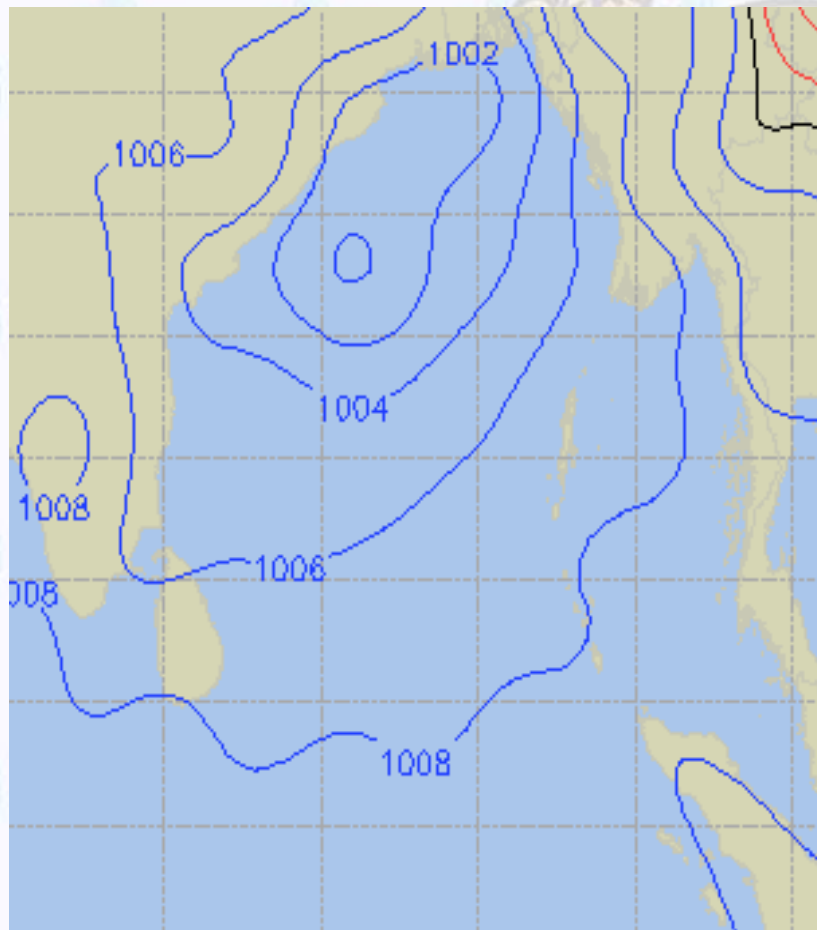
23 Oct 20 Friday



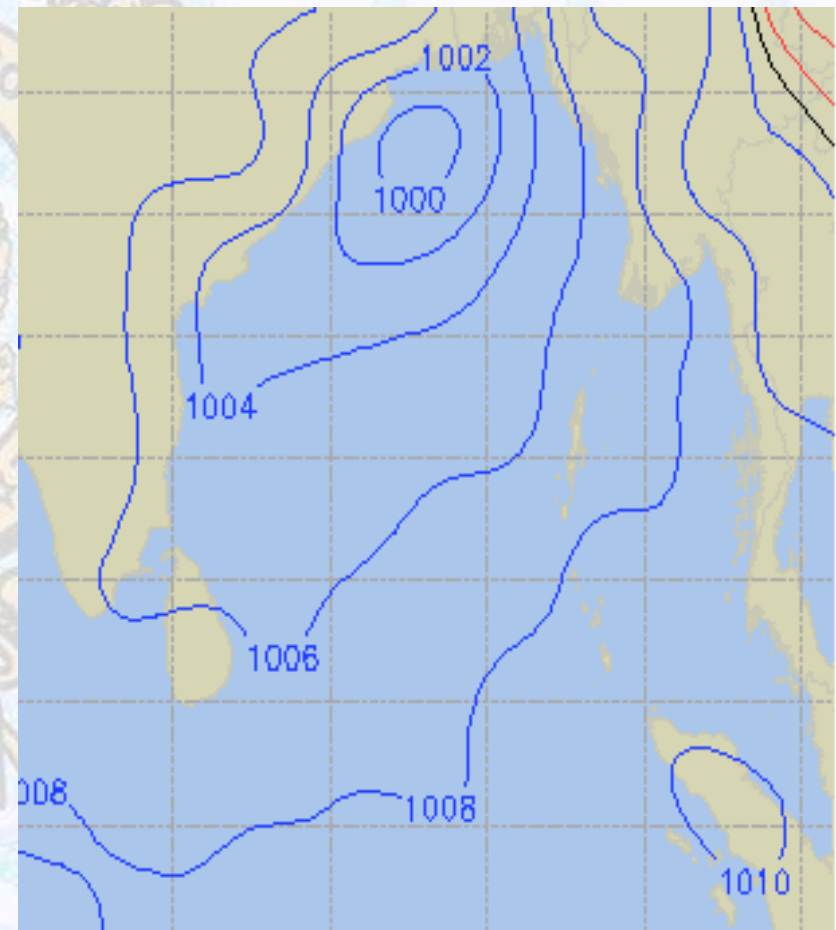


Surface Pressure forecast– 22 & 23 Oct 2020

22 Oct 20 Thursday



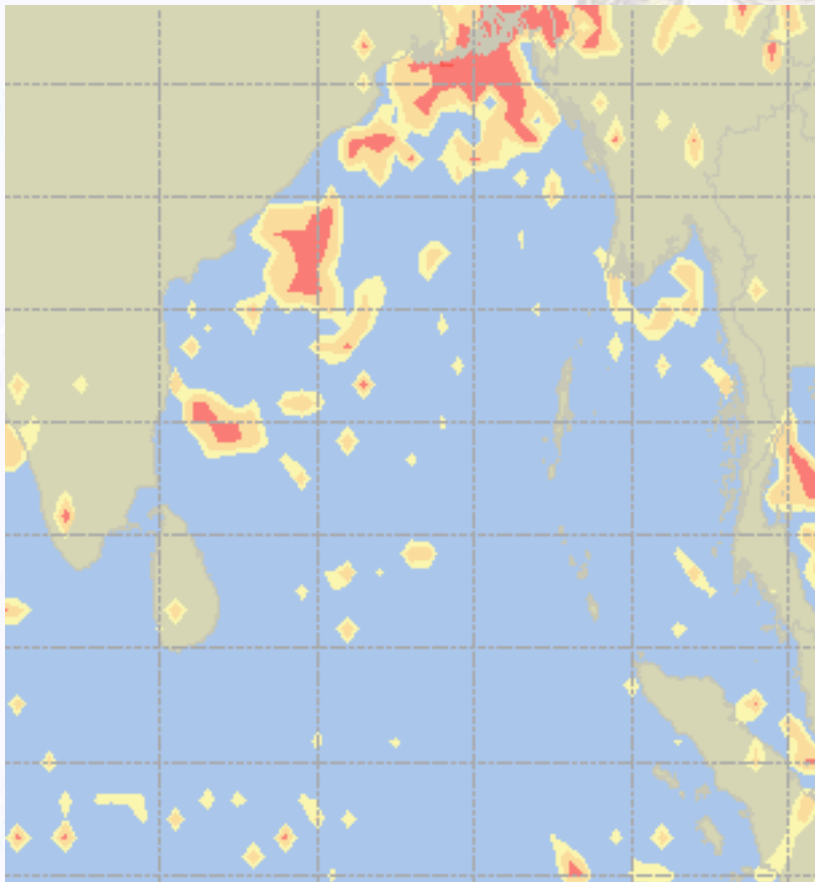
23 Oct 20 Friday



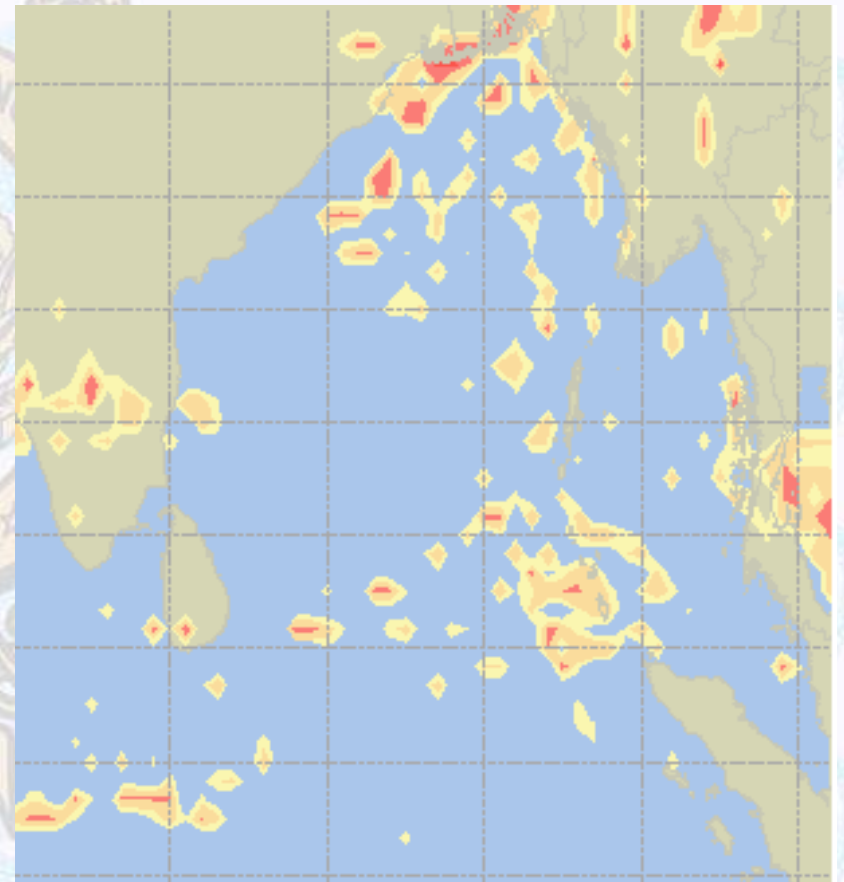


Visibility at Sea Forecast – 22 & 23 Oct 2020

22 Oct 20 Thursday



23 Oct 20 Friday



Visibility Scale:

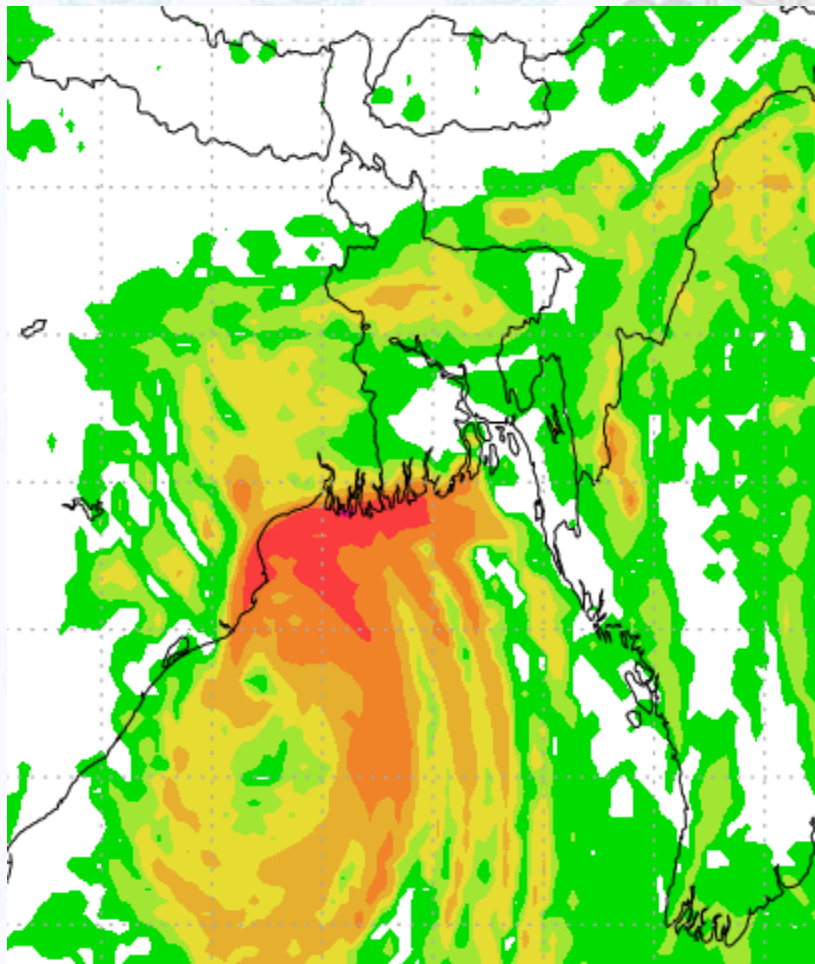


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

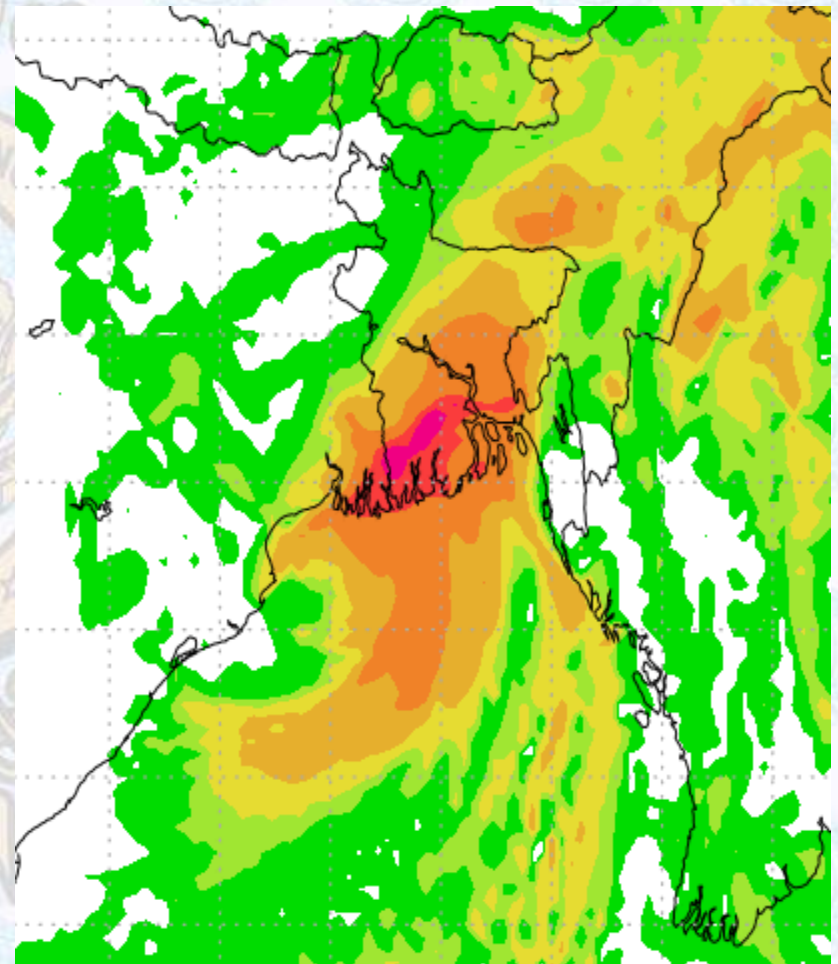


Precipitation

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
22 Oct 2020	0424	4.69		0255	2.99		0149	2.99
	1105	0.89		0939	1.15		0822	1.19
	1702	4.13		1530	2.59		1412	2.58
	2315	1.19		2204	1.26		2022	1.24
23 Oct 2020	Time	Height		Time	Height		Time	Height
	0528	4.33		0255	2.99		0245	2.77
	1214	1.14		0939	1.15		0930	1.38
	1820	3.83		1530	2.59		1512	2.39
	-	-		2204	1.26		2132	1.47
24 Oct 2020	Time	Height		Time	Height		Time	Height
	0031	1.51		0401	2.75		0406	2.60
	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