



WEATHER FORECAST FOR BN

20 OCT- 23 OCT 2020





WEATHER FORECAST – DHAKA

20.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	32 / 24	30 / 24	29 / 24	28 / 24
Wind	7 km/h SSE	9 km/h S	5 km/h SSE	3 km/h SSE
Humidity	62%	61%	73%	77%
Chance of Precip	24%	14%	5%	20%
Cloud Cover	65%	55%	43%	45%
Conditions	Cloudy	Cloudy	Cloudy	Cloudy
Sunrise Sunset	05: 58 AM 17: 27 PM			

Conditions

Pressure : 1005 hpa

Visibility : 8.54 km

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



WEATHER FORECAST – CHATTOGRAM

20.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 25	30 / 26	28 / 26	27 / 26
Wind	5 km/h SW	6 km/h SW	4 km/h ESE	5 km/h ENE
Humidity	65%	77%	85%	90%
Chance of Precip.	13%	10%	42%	44%
Cloud Cover	70%	77%	75%	76%
Conditions	Cloudy	Cloudy	Light Rain	Light Rain
Sunrise	05: 51 AM			
Sunset	17: 23 PM			

Conditions

Pressure : 1006 hpa

Visibility : 8.05 Km

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



WEATHER FORECAST – KHULNA

20.10.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 26	30 / 27	28 / 26	27 / 26
Wind	5 km/h ESE	4 km/h SE	4 km/h SE	2 km/h E
Humidity	69%	75%	87%	91%
Chance of Precip.	41%	44%	6%	8%
Cloud Cover	95%	78%	50%	41%
Conditions	Light Rain	Light Rain	Cloudy	Cloudy
Sunrise Sunset	06: 01 AM 17: 32 PM			

Conditions

Pressure : 1005 hpa

Visibility : 6.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Oct 2020	22 Oct 2020	23 Oct 2020
Temperature (C)	30 °C/ 25 °C	27 °C/ 25 °C	27 °C/ 25 °C
Summary	Light Rain	Light Rain	Rain
Sun Rise/Set	5h59m06s/17h27m06s	5h59m42s/17h26m24s	6h00m12s/17h25m42s
Day Length	11h28m00s	11h26m42s	11h25m30s
Moon Rise/ Set	10:39AM 9:32PM	11:41AM 10:35PM	12:33PM 11:29PM
Moon Phase/ illu	Waxing Crescent, 32%	Waxing Crescent, 43%	First Quarter, 54%
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 : 76% N : 84%	D : 87% N : 85%	D : 88% N : 89%
Barometer (mb)	1007	1006	1004
Visibility	Good	Good	Good
Precip Chance	40%	80%	90%
Wind (mph)	10 Km/h ESE	18 Km/h E	14 Km/h SE

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



GENERAL WEATHER FORECAST – CHATTOGRAM

Description	21 Oct 2020	22 Oct 2020	23 Oct 2020
Temperature (C)	29° C/ 25° C	28° C/ 25° C	29° C/ 25° C
Summary	Light Rain	Rain	Rain
Sun Rise/Set	5h51m54s/17h22m42s	5h52m30s/17h22m06s	5h53m00s/17h21m30s
Day Length	11h30m48s	11h29m36s	11h28m30s
Moon Rise/ Set	10:39AM 9:32PM	11:41AM 10:35PM	12:33PM 11:29PM
Moon Phase/ illu	Waxing Crescent, 32%	Waxing Crescent, 43%	First Quarter, 54%
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 : 82% N : 92%	D : 91% N : 90%	D : 87% N : 91%
Barometer (mb)	1007	1006	1005
Visibility	Good	Good	Good
Precip Chance	100%	80%	80%
Wind (mph)	18 Km/h E	15 Km/h E	16 Km/h SSE

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



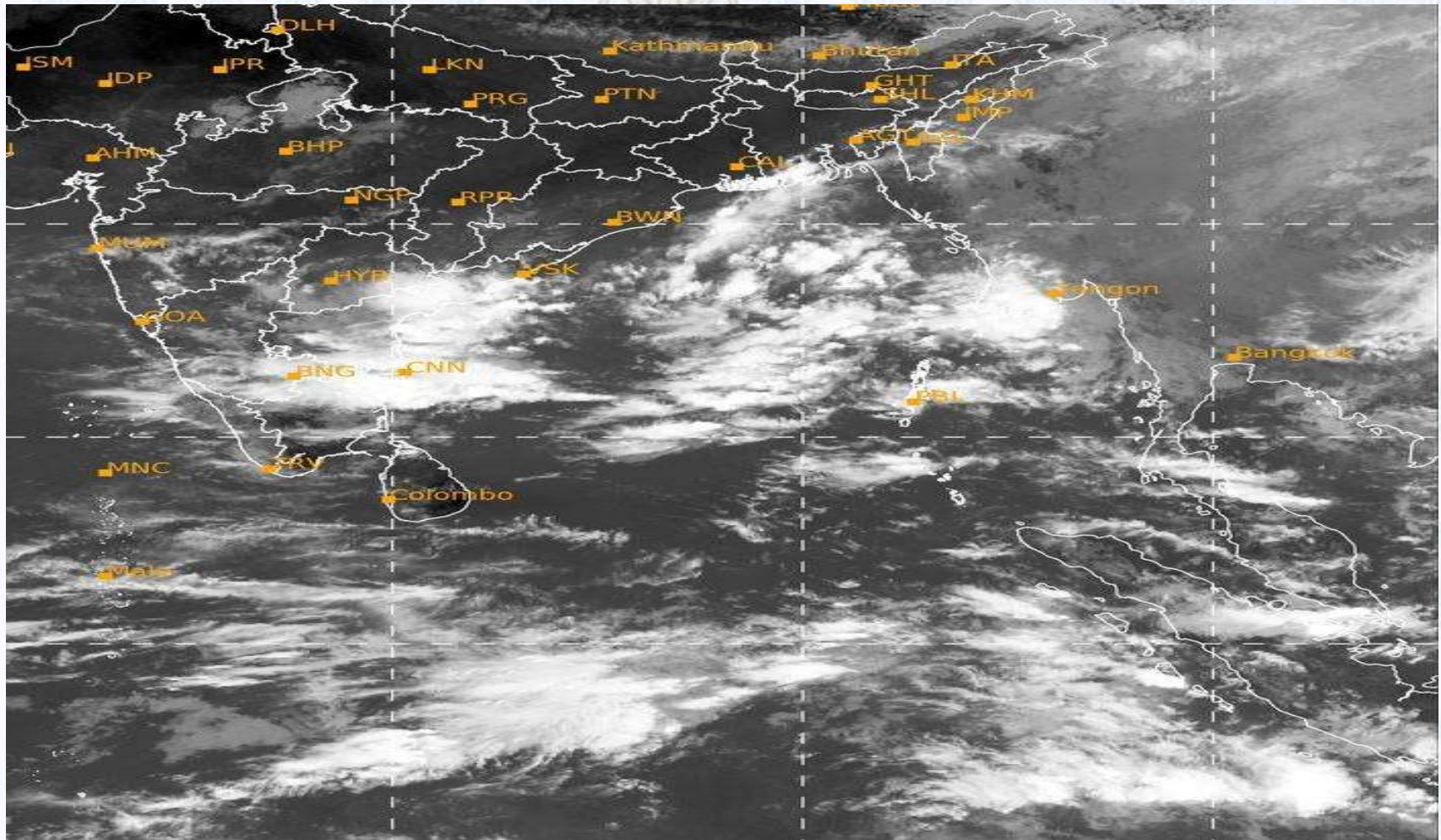
GENERAL WEATHER FORECAST – KHULNA

Description	21 Oct 2020	22 Oct 2020	23 Oct 2020
Temperature(C)	31°C/ 26°C	29°C/ 25°C	29°C/ 25°C
Summary	Light Rain	Light Rain	Light Rain
Sun Rise/Set	6h01m30s/17h31m24s	6h02m06s/17h30m42s	6h02m42s/17h30m06s
Day Length	11h29m54s	11h28m36s	11h27m24s
Moon Rise/Set	10:39AM 9:32PM	11:41AM 10:35PM	12:33PM 11:29PM
Moon Phase/illu	Waxing Crescent, 32%	Waxing Crescent, 43%	First Quarter, 54%
Nautical Twilight	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 : 86% N : 92%	D : 90% N : 94%	D : 90% N : 94%
Barometer (mb)	1007	1004	1003
Visibility	Good	Good	Good
Precip Chance	70%	70%	70%
Wind (mph)	15 km/h E	19 km/h E	19 km/h E

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



SATELLITE VIEW OF BAY OF BENGAL

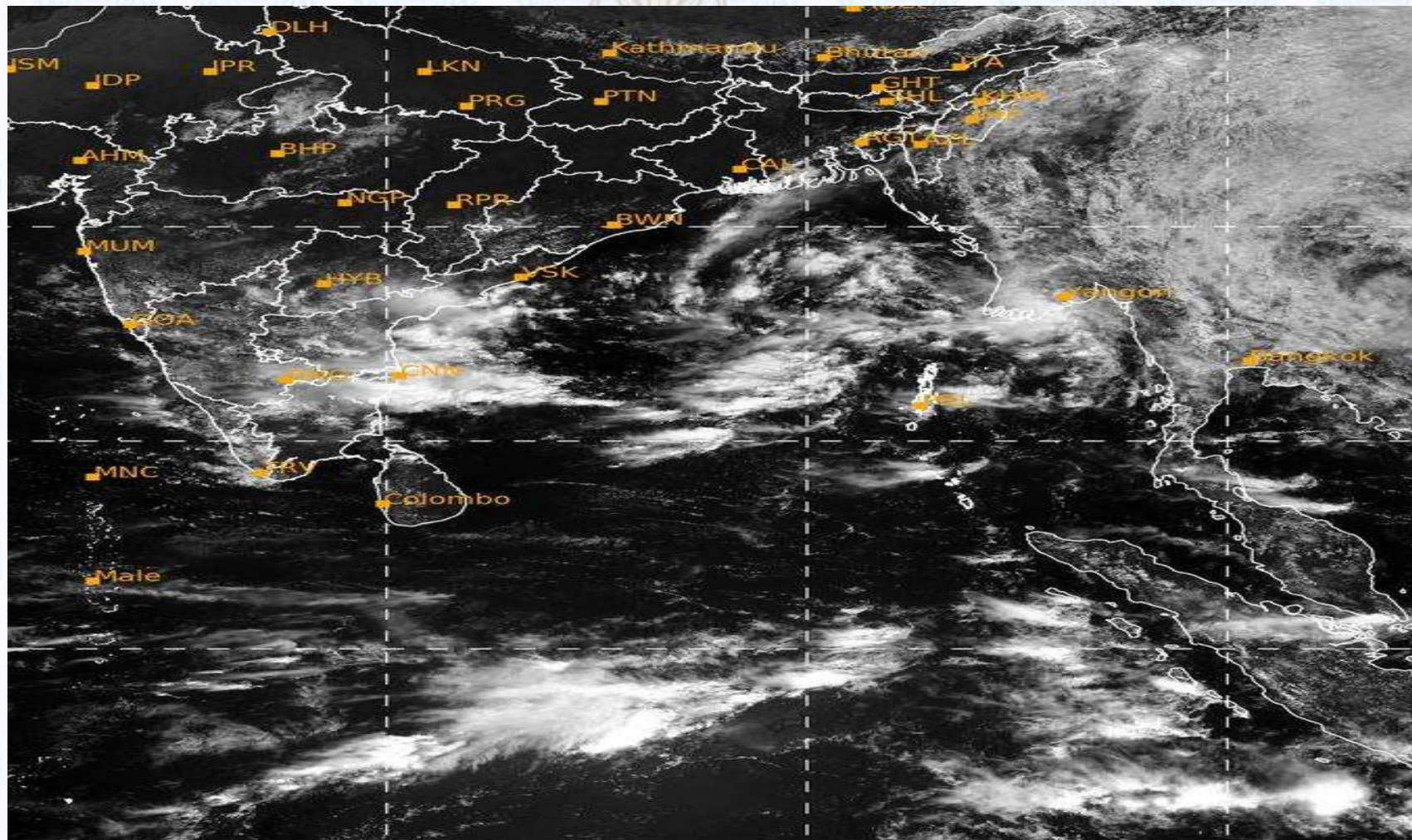


20/10/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/10/2020, 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 20.10.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY. MONSOON IS WEAK OVER NORTH BAY	
Part Three	Weather	TEMPORARY RAIN/THUNDER SHOWERS OVER AREA C-90..
	Wind	EAST/SOUTH-EASTERLY 10-15 KTS, TEMPORARY GUSTING TO 25 KTS.
	Visibility	03-05 KMS, REDUCING TO 1500 M OR LESS IN RAIN/SHOWERS.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1007 HPA



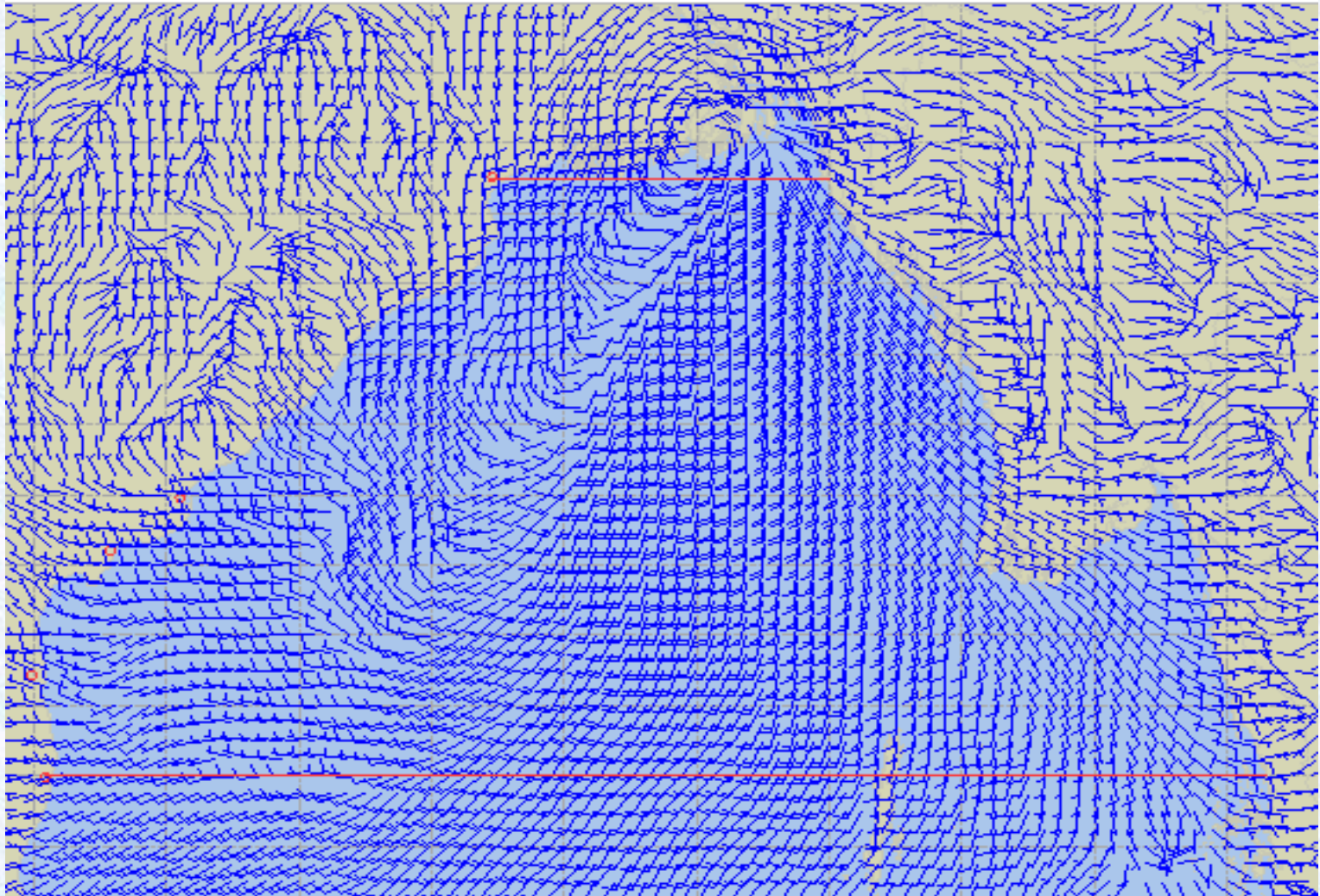
Inland River Port Warning **(VALID TILL 06 PM OF 20.10.2020)**

IN ASSOCIATION WITH RAIN/THUNDER SHOWERS ACCOMPANIED BY TEMPORARY **SOUTH/SOUTH-EASTERLY** GUSTY/SQUALLY WIND SPEED **45-60** KPH IS LIKELY TO OCCUR OVER THE REGIONS OF 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- 21 Oct - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



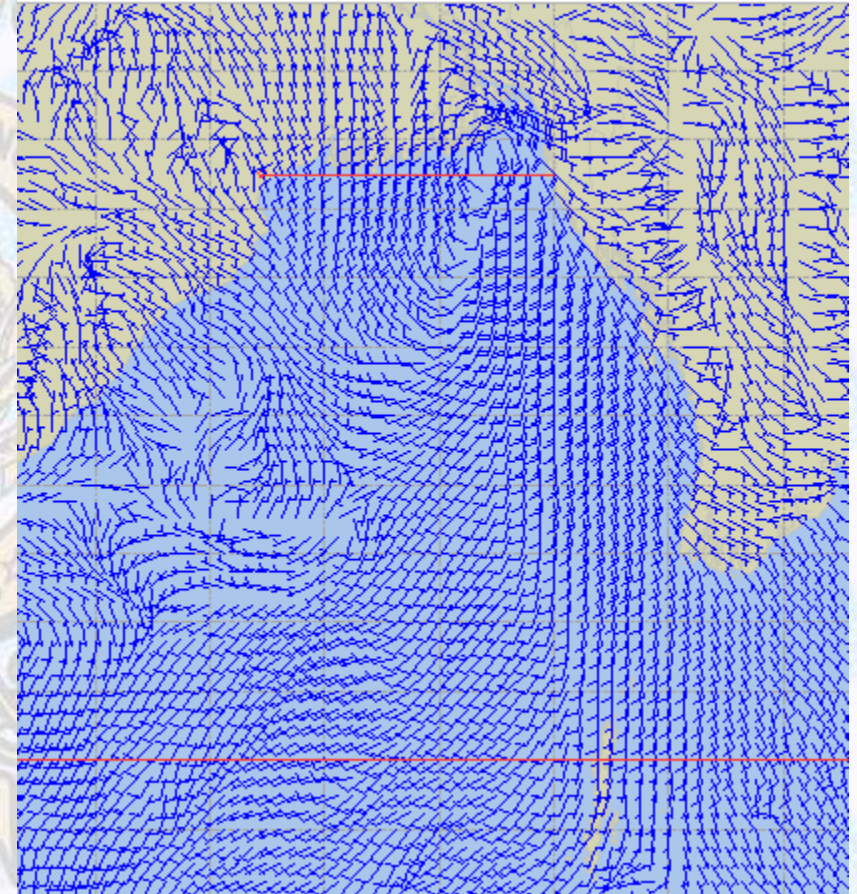
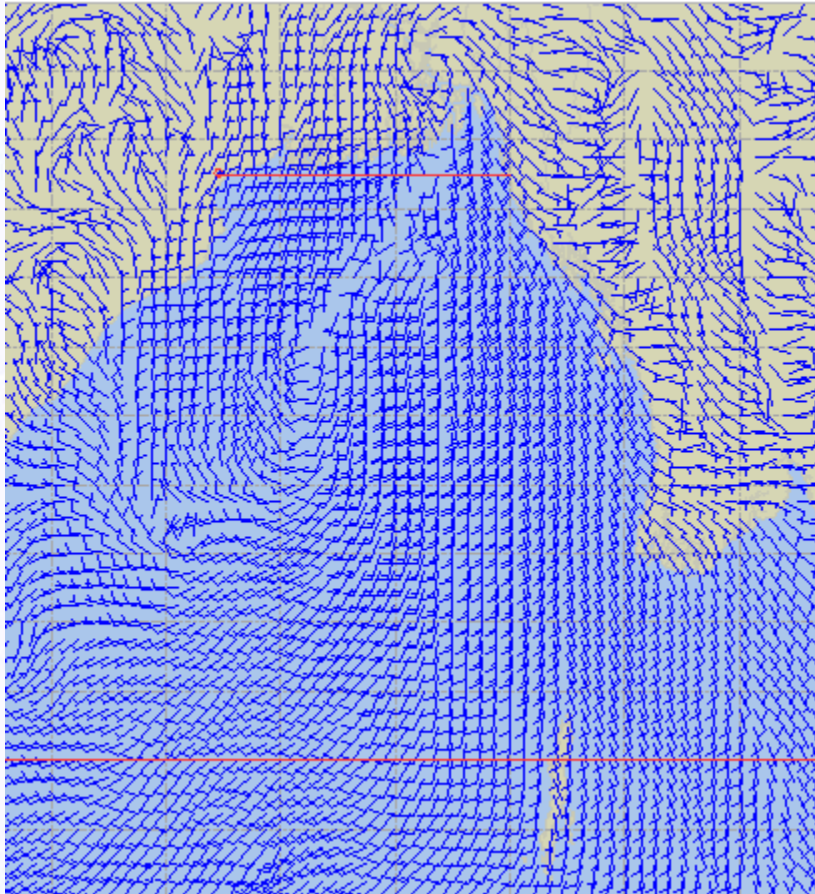
60 Knots



Surface Wind Forecast – 22 & 23 Oct- 2020

22 Oct 20 Thursday

23 Oct 20 Friday



Legend:



Calm
Winds



5 Knots



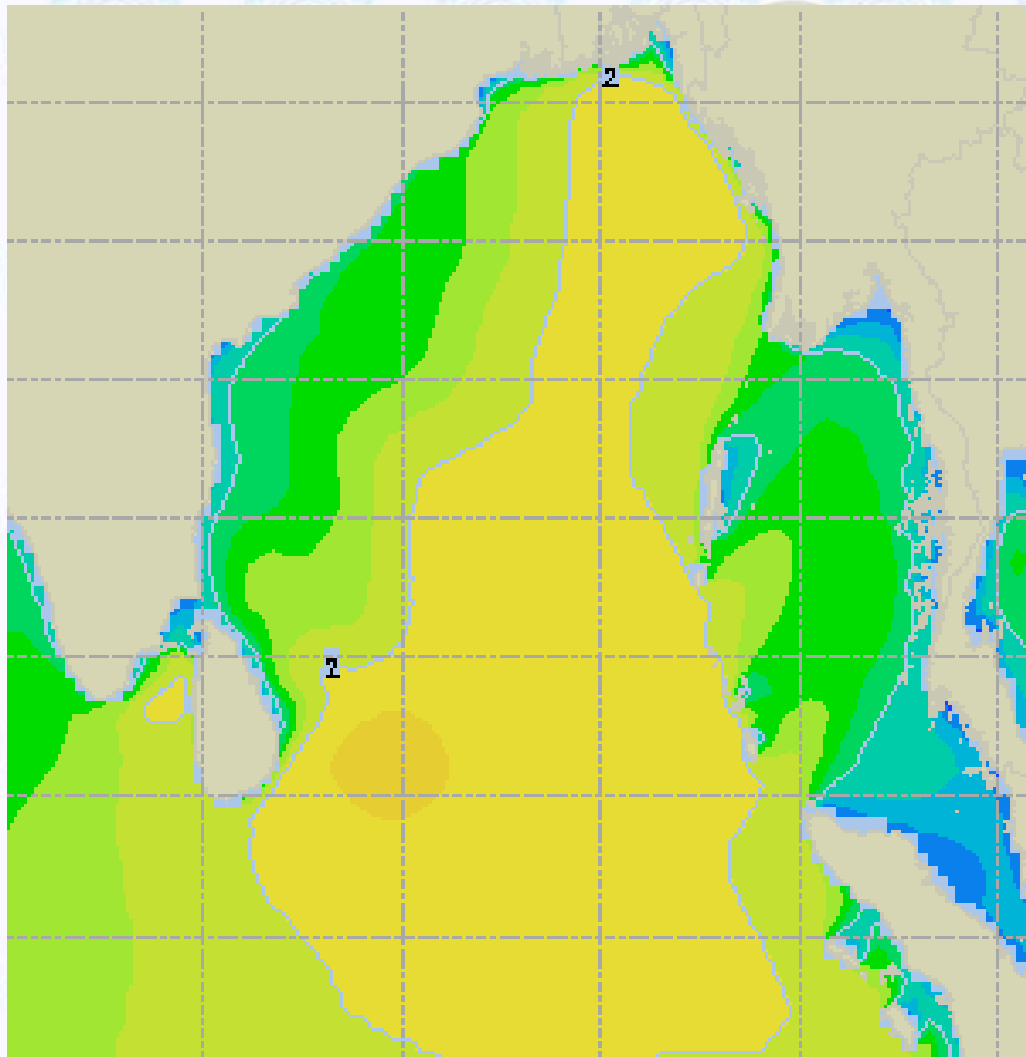
10 Knots



60 Knots



Sea State Forecast – 21 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

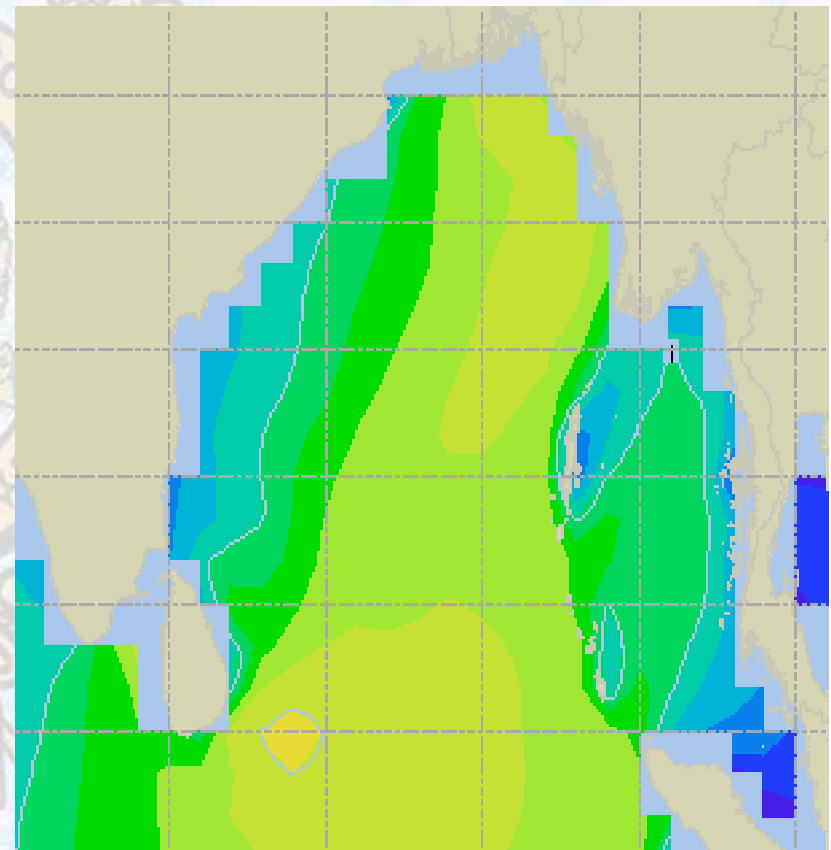
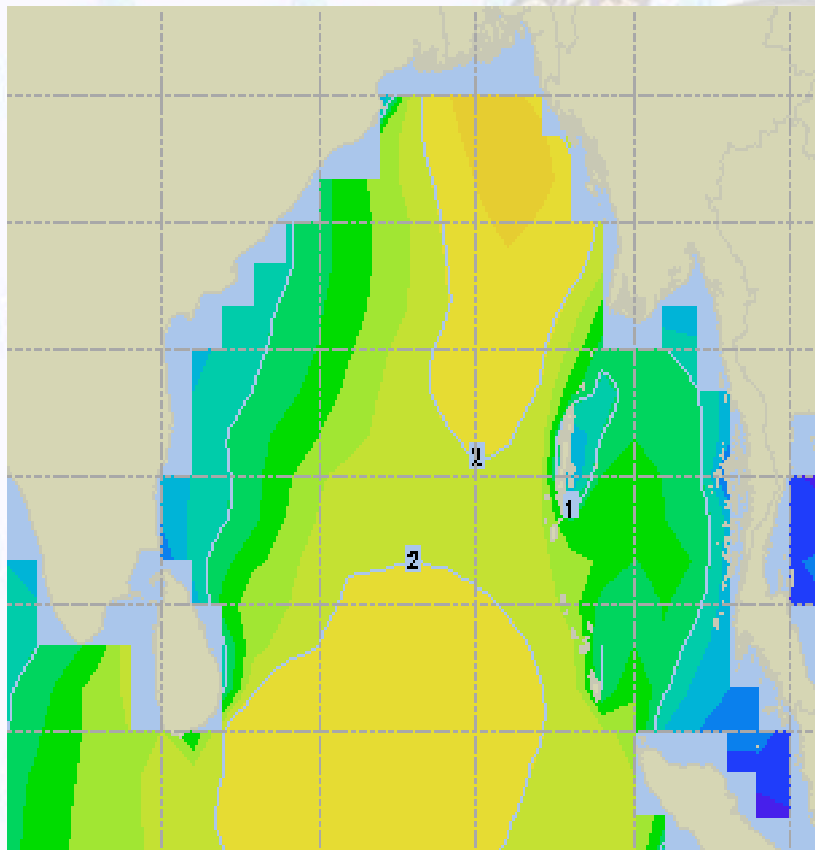




Sea State Forecast – 22 & 23 Oct- 2020

22 Oct 20 Thursday

23 Oct 20 Friday

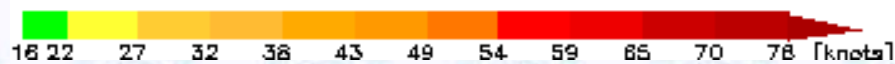
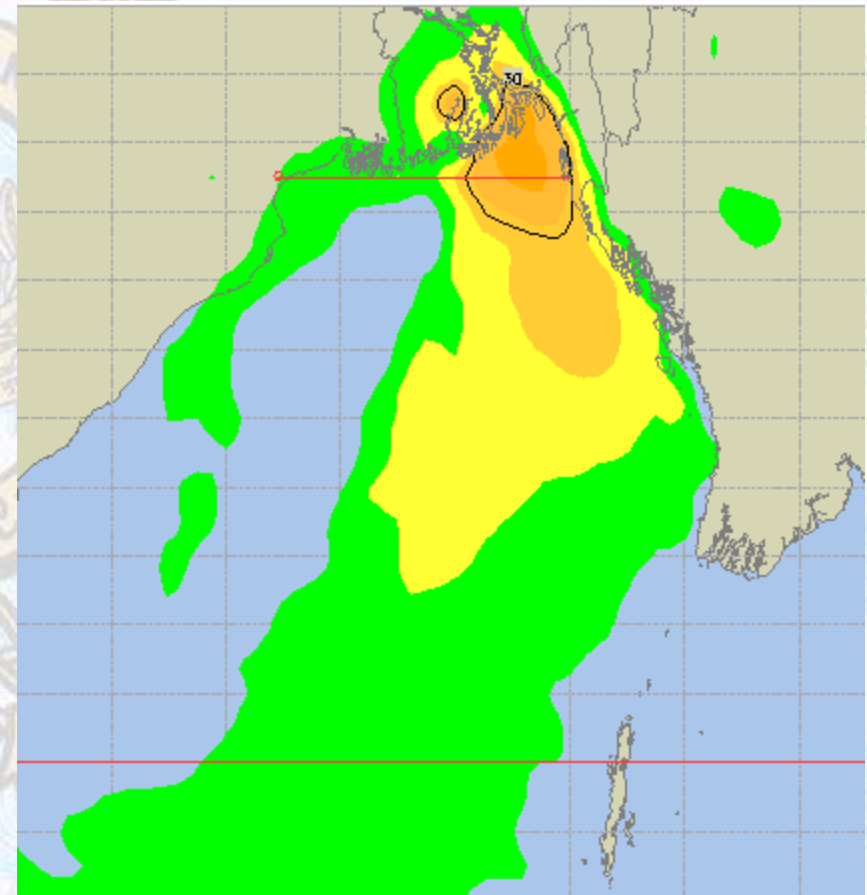
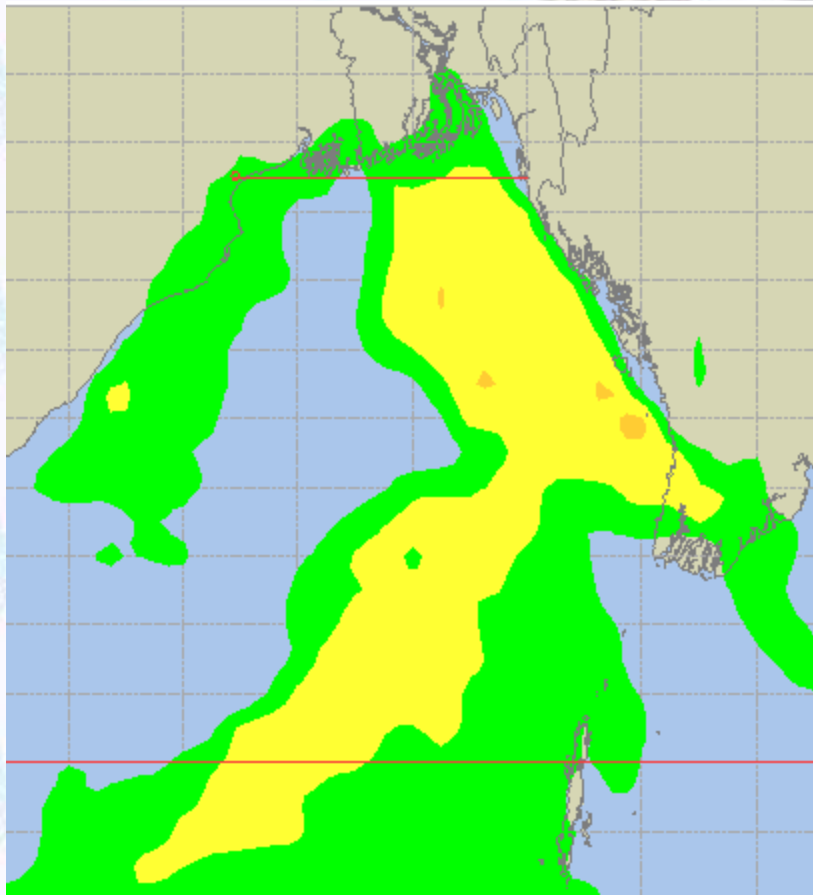




Peak Gusting Possibilities— 21 & 22 Oct 2020

21 Oct 20 Wednesday

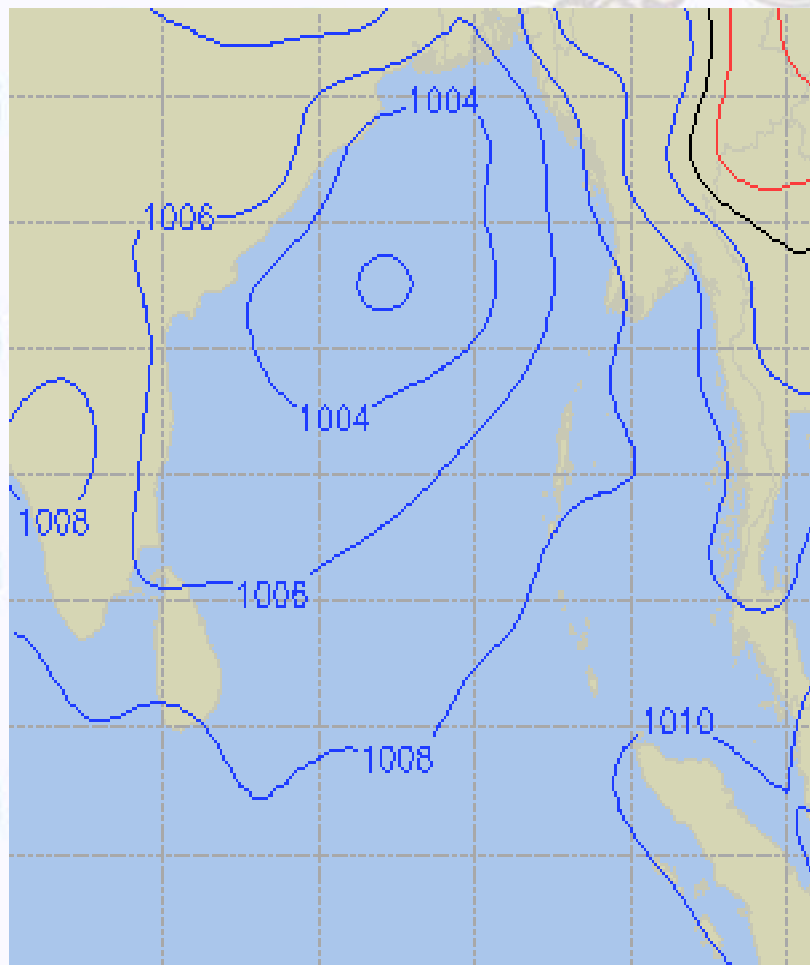
22 Oct 20 Thursday



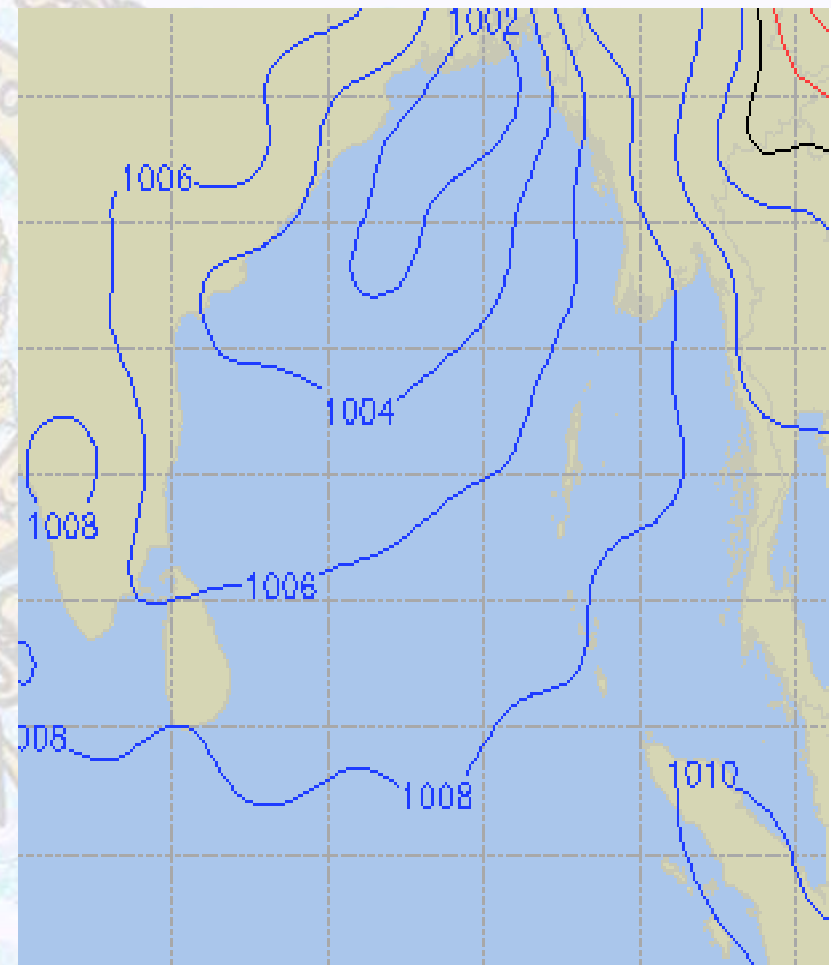


Surface Pressure forecast– 21 & 22 Oct 2020

21 Oct 20 Wednesday



22 Oct 20 Thursday

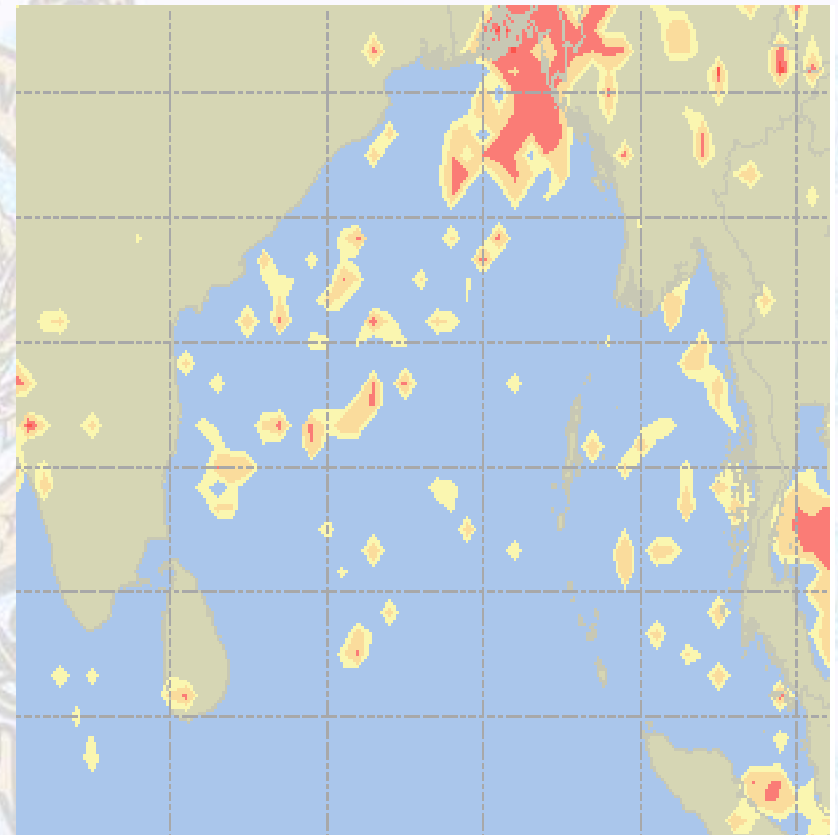
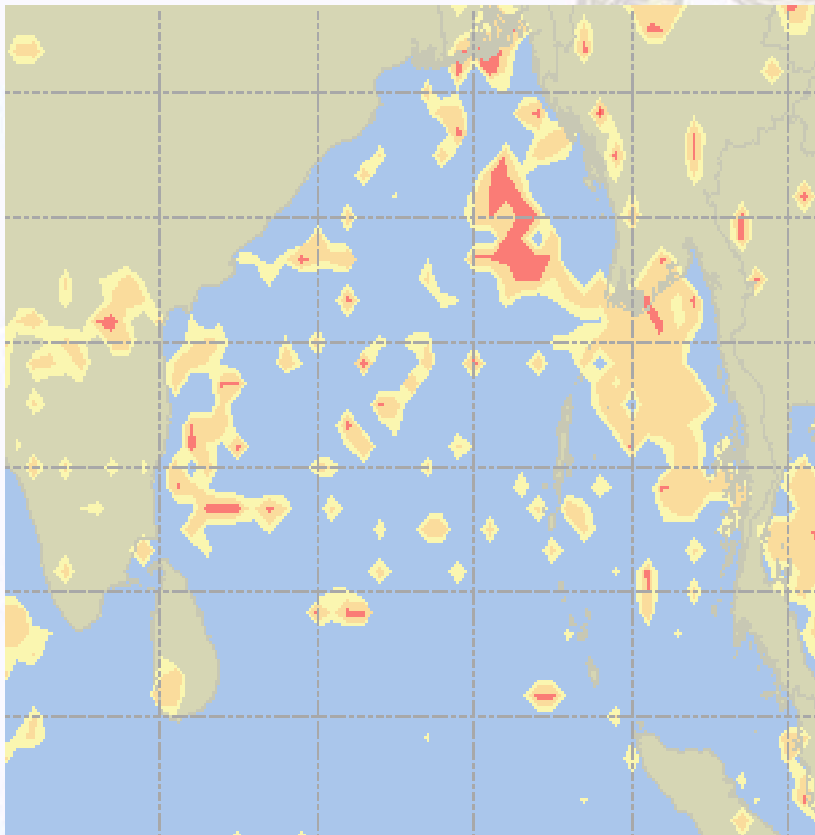




Visibility at Sea Forecast – 21 & 22 Oct 2020

21 Oct 20 Wednesday

22 Oct 20 Thursday



Visibility Scale:

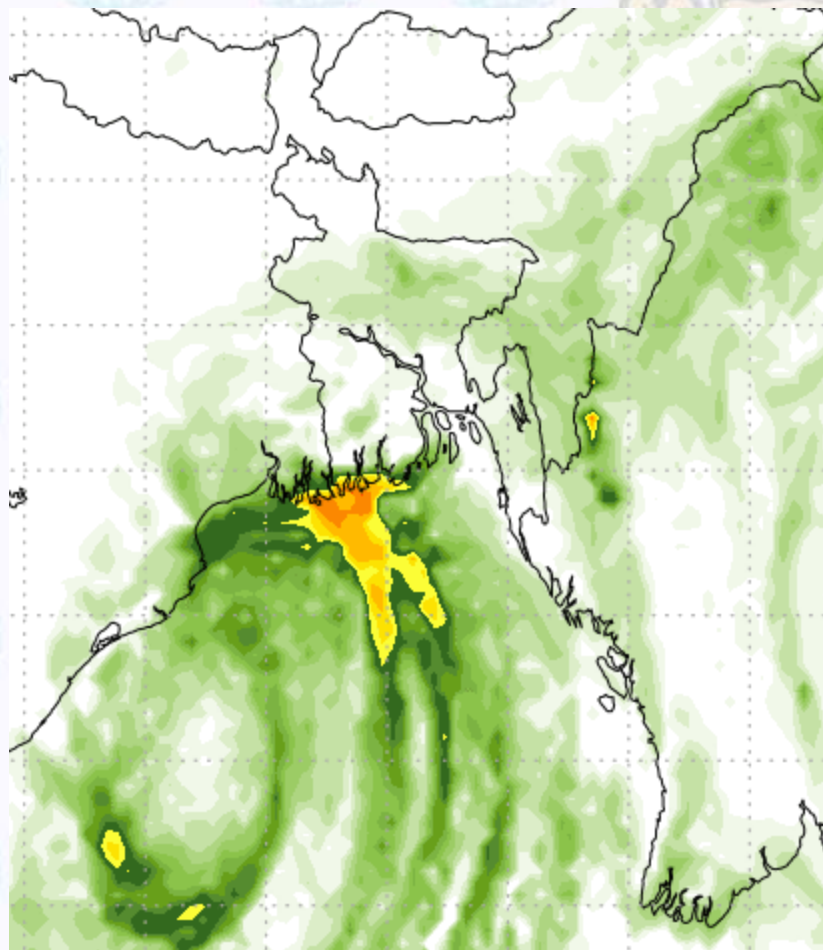


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

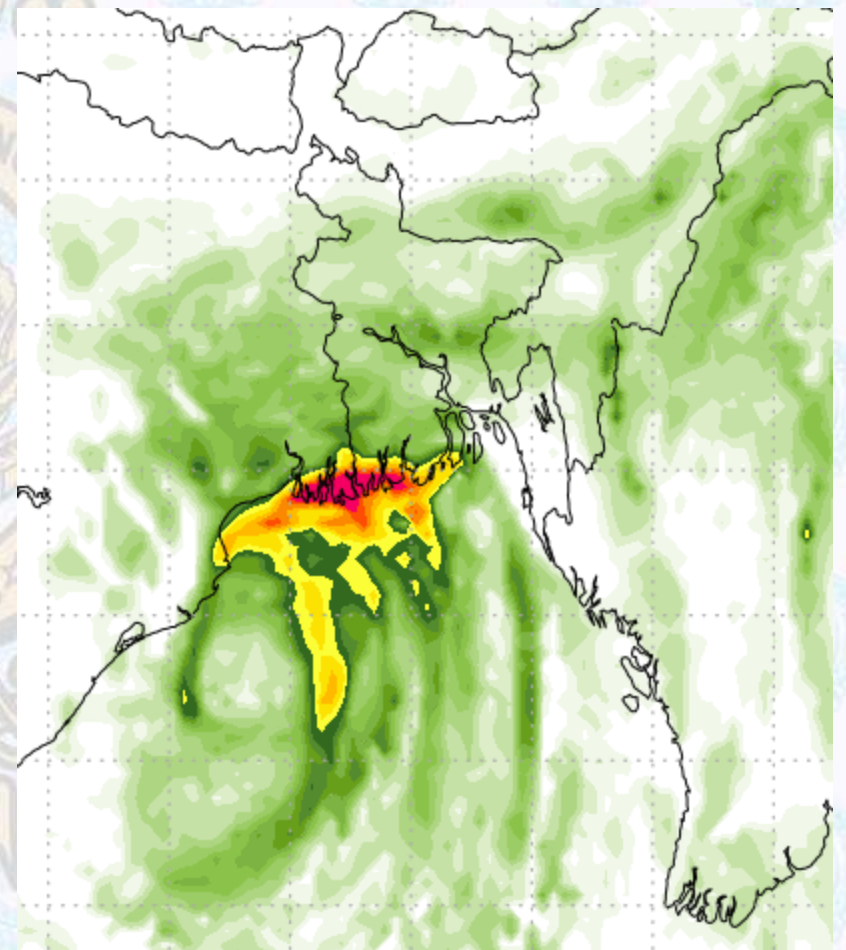


Precipitation

Rain(mm) 21 & 22 Oct 2020



Rain(mm) 22 & 23 Oct 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0332		5.01			0113	3.53
21 Oct 2020	1012	0.62		0757	0.81		0732	0.97
	1601	4.49		1335	3.11		1322	2.80
	2221	0.83		2011	0.88		1935	0.98
22 Oct 2020	Time	Height		Time	Height		Time	Height
	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