



WEATHER FORECAST FOR BN

20 - 23 NOV 2020





WEATHER FORECAST – DHAKA

20.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 20	30 / 19	27 / 20	26 / 20
Wind	5 km/h WNW	6 km/h NNW	3 km/h ENE	3 km/h ENE
Humidity	55%	53%	68%	72%
Chance of Precip	1%	2%	3%	5%
Cloud Cover	22%	26%	17%	30%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 16 AM 17: 11 PM			

Conditions

Pressure : 1014 hpa

Visibility : 8.05 km

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



WEATHER FORECAST – CHATTOGRAM

20.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 19	29 / 21	26 / 22	24 / 21
Wind	7 km/h NNW	6 km/h NW	5 km/h NW	5 km/h N
Humidity	54%	61%	79%	85%
Chance of Precip.	1%	1%	4%	6%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 08 AM			
Sunset	17: 07 PM			

Conditions

Pressure : 1014 hpa

Visibility : 3.54 Km

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



WEATHER FORECAST – KHULNA

20.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31/ 21	30 / 21	26 / 21	25 / 22
Wind	5 km/h NW	6 km/h NW	4 km/h SSW	3 km/h S
Humidity	55%	57%	74%	86%
Chance of Precip.	3%	2%	7%	6%
Cloud Cover	20%	37%	26%	22%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 18 AM 17: 16 PM			

Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	21 Nov 2020	22 Nov 2020	23 Nov 2020
Temperature (C)	29 °C / 21 °C	29 °C / 18 °C	28 °C / 17 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h17m36s/17h11m00s	6h18m18s/17h10m54s	6h18m54s/17h10m48s
Day Length	10h53m24s	10h52m36s	10h51m54s
Moon Rise/ Set	12:01 AM 11:14 PM	- -	1:17 PM 12:08 AM
Moon Phase/ illu	Waxing Crescent, 47%	First Quarter, 1%	Waxing Gibbous, 57%
Nautical Twilight	05:25, 18:02	05:25, 18:01	05:26, 18:01
Civil Twilight	05:53, 17:35	05:54, 17:35	05:54, 17:34
Humidity	D : 66% N : 76%	D : 52% N : 64%	D : 50% N : 69%
Barometer (mb)	1011	1013	1015
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	20%	10%	1%
Wind (mph)	7 Km/h N	9 Km/h NW	9 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	21 Nov 2020	22 Nov 2020	23 Nov 2020
Temperature (C)	30 °C/ 21 °C	29 °C/ 19 °C	29 °C/ 18 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h09m12s/17h07m48s	6h09m48s/17h07m48s	6h10m24s/17h07m42s
Day Length	10h58m36s	10h58m00s	10h57m18s
Moon Rise/ Set	11:53 AM 11:10 PM	- -	1:10 PM 12:04 AM
Moon Phase/ illu	Waxing Crescent, 47%	First Quarter, 1%	Waxing Gibbous, 57%
NauticalTwilight	05:17 17:59	05:18 17:58	05:18 17:57
Civil Twilight	05:45, 17:31	05:46, 17:31	05:47, 17:30
Humidity	D : 69% N : 87%	D : 67% N : 77%	D : 60% N : 81%
Barometer (mb)	1012	1013	1015
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	10%	10%	1%
Wind (mph)	7 Km/h NNW	11 Km/h N	10 Km/h NNW

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



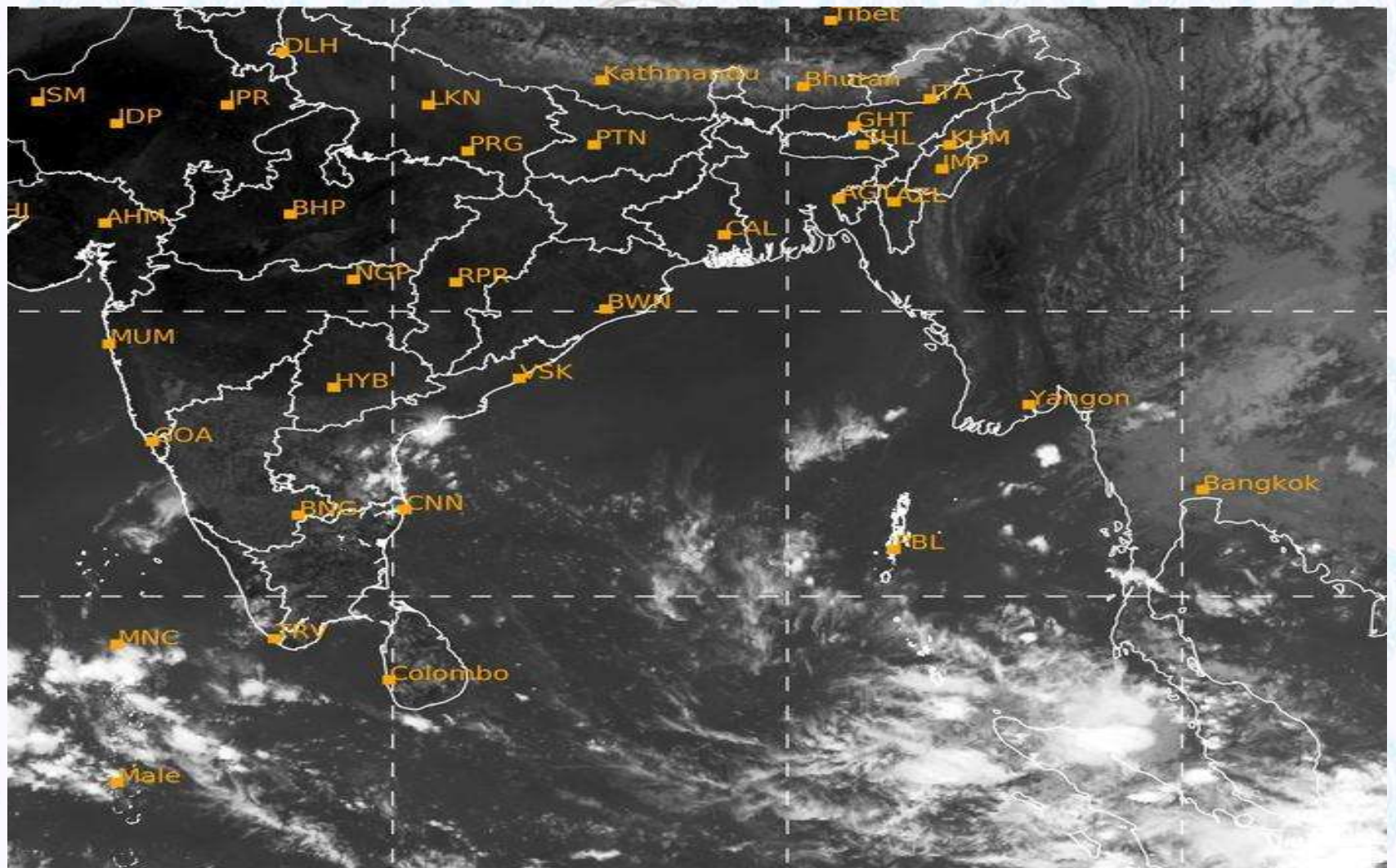
GENERAL WEATHER FORECAST – KHULNA

Description	21 Nov 2020	22 Nov 2020	23 Nov 2020
Temperature(C)	30°C/ 21°C	29°C/ 17°C	28°C/ 16°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h19m12s/17h16m06s	6h19m54s/17h16m00s	6h20m30s/17h15m54s
Day Length	10h56m54s	10h56m06s	10h55m24s
Moon Rise/Set	12:03 AM 11:19 PM	- -	1:20 PM 12:13 AM
Moon Phase/illu	Waxing Crescent, 47%	First Quarter, 1%	Waxing Gibbous, 57%
Nautical Twilight	05:27, 18:07	05:28, 18:06	05:28, 18:06
Civil Twilight	05:55, 17:40	05:55, 17:39	05:56, 17:38
Humidity	D : 65% N : 74%	D : 49% N : 63%	D : 49% N : 68%
Barometer (mb)	1011	1013	1015
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	20%	1%	1%
Wind (mph)	10 km/h NNW	12 km/h NNW	12 km/h NNW

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



SATELLITE VIEW OF BAY OF BENGAL

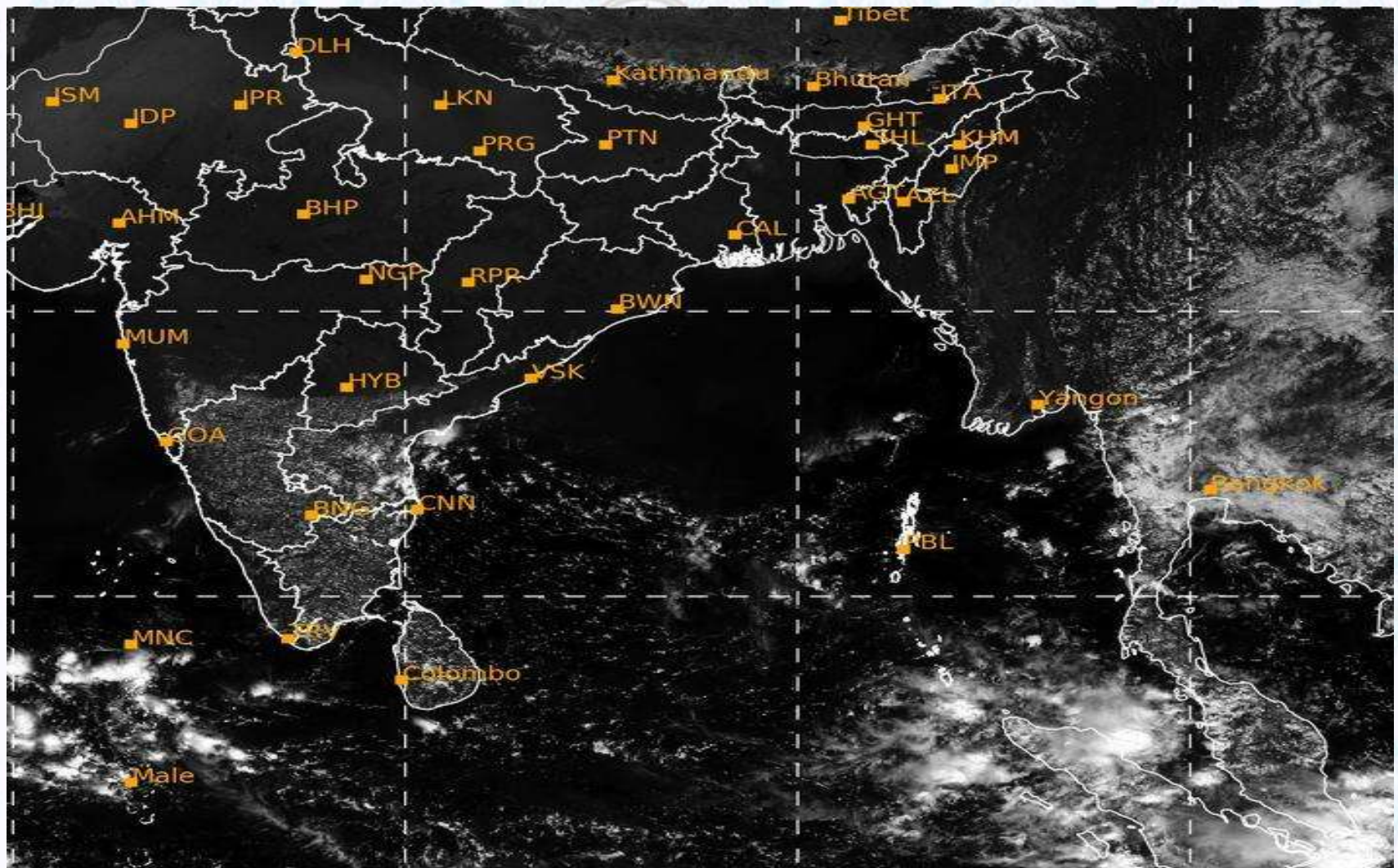


20/11/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



20/11/2020, 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 20.11.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER NORTH BAY, EXTENDING ITS TROUGH TO NORTHEAST BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS REDUCING TO 1500 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 20,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 20.11.2020)

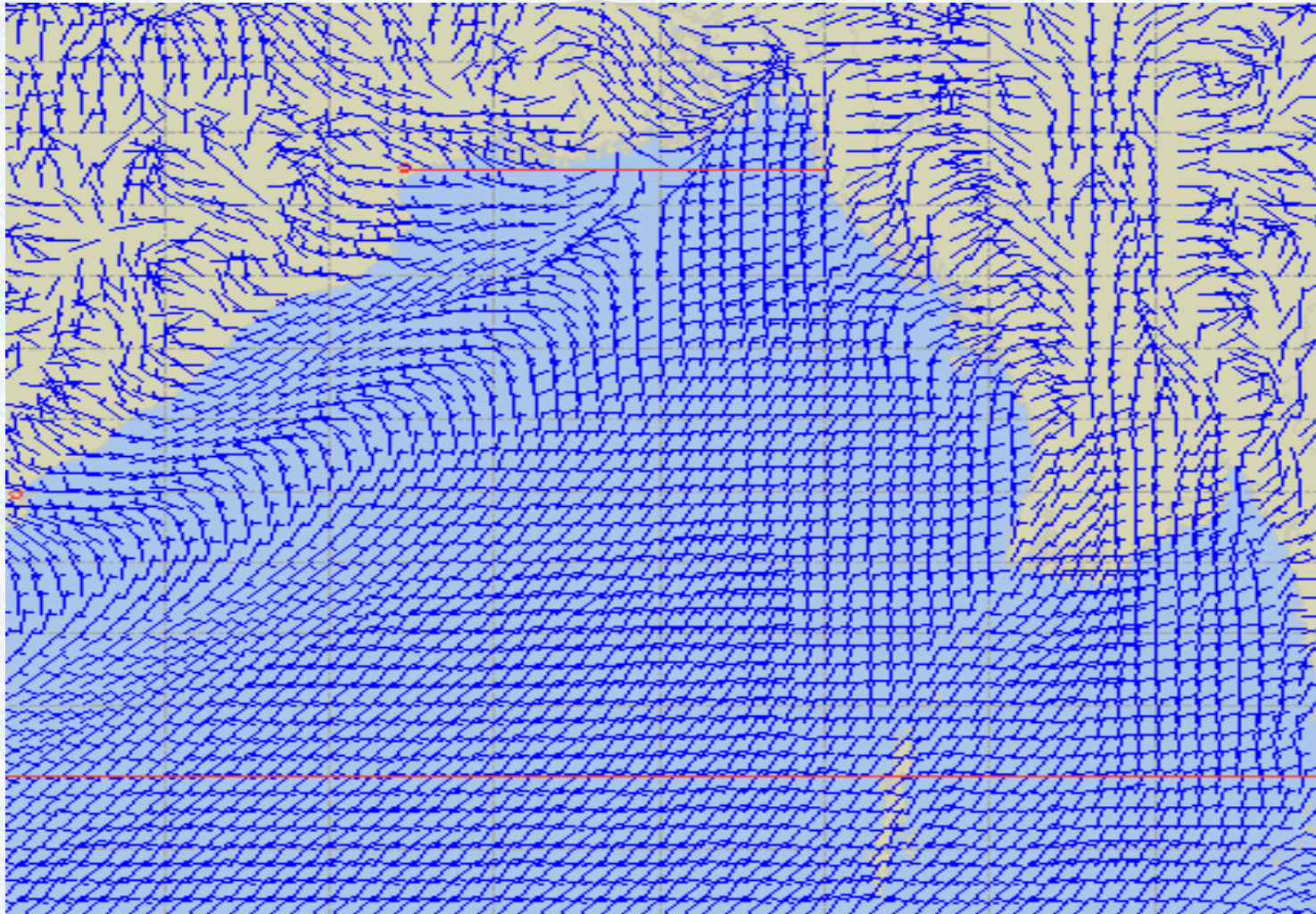
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 21 Nov - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



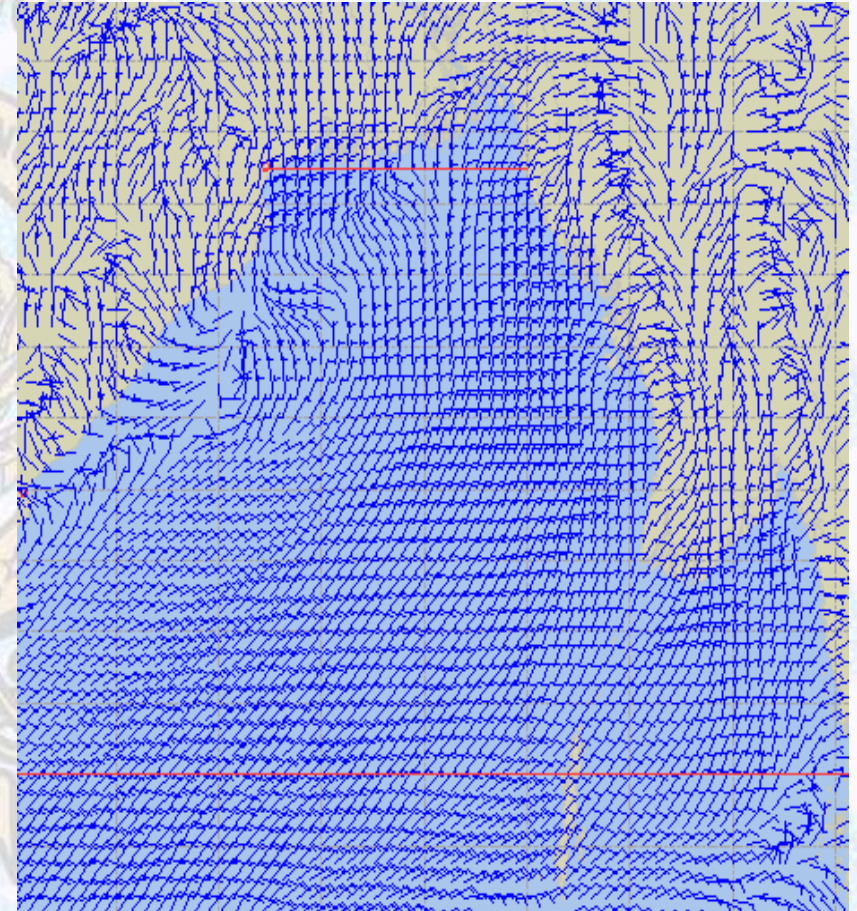
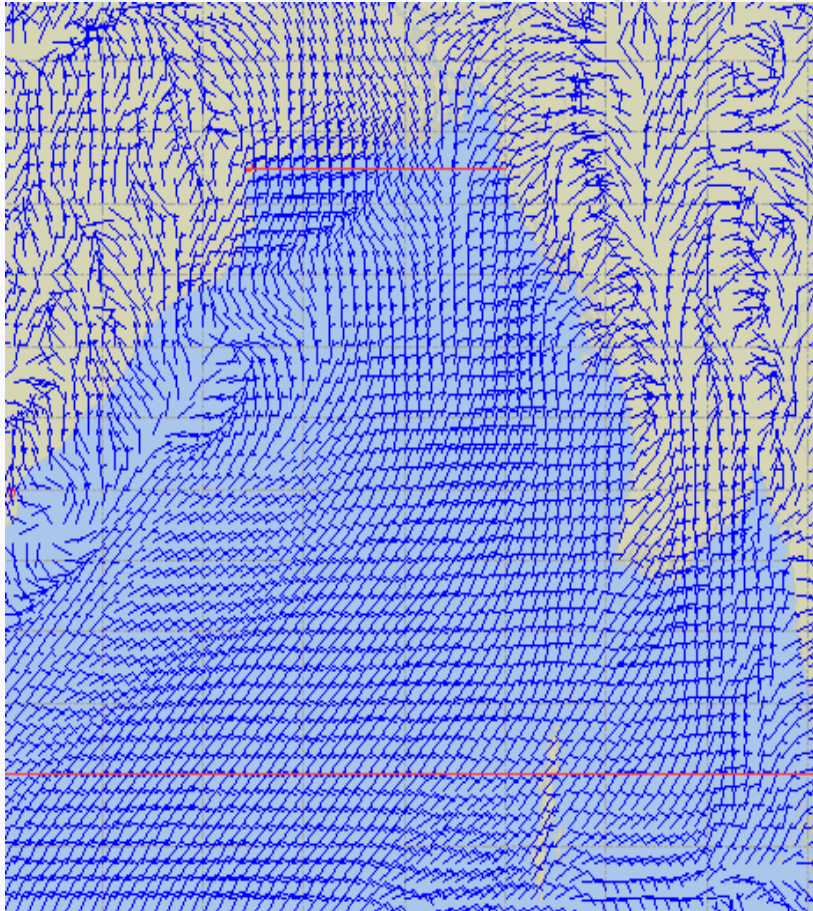
60 Knots



Surface Wind Forecast – 22 & 23 Nov- 2020

22 Nov 20 Sunday

23 Nov 20 Monday



Legend:



Calm
Winds



5 Knots



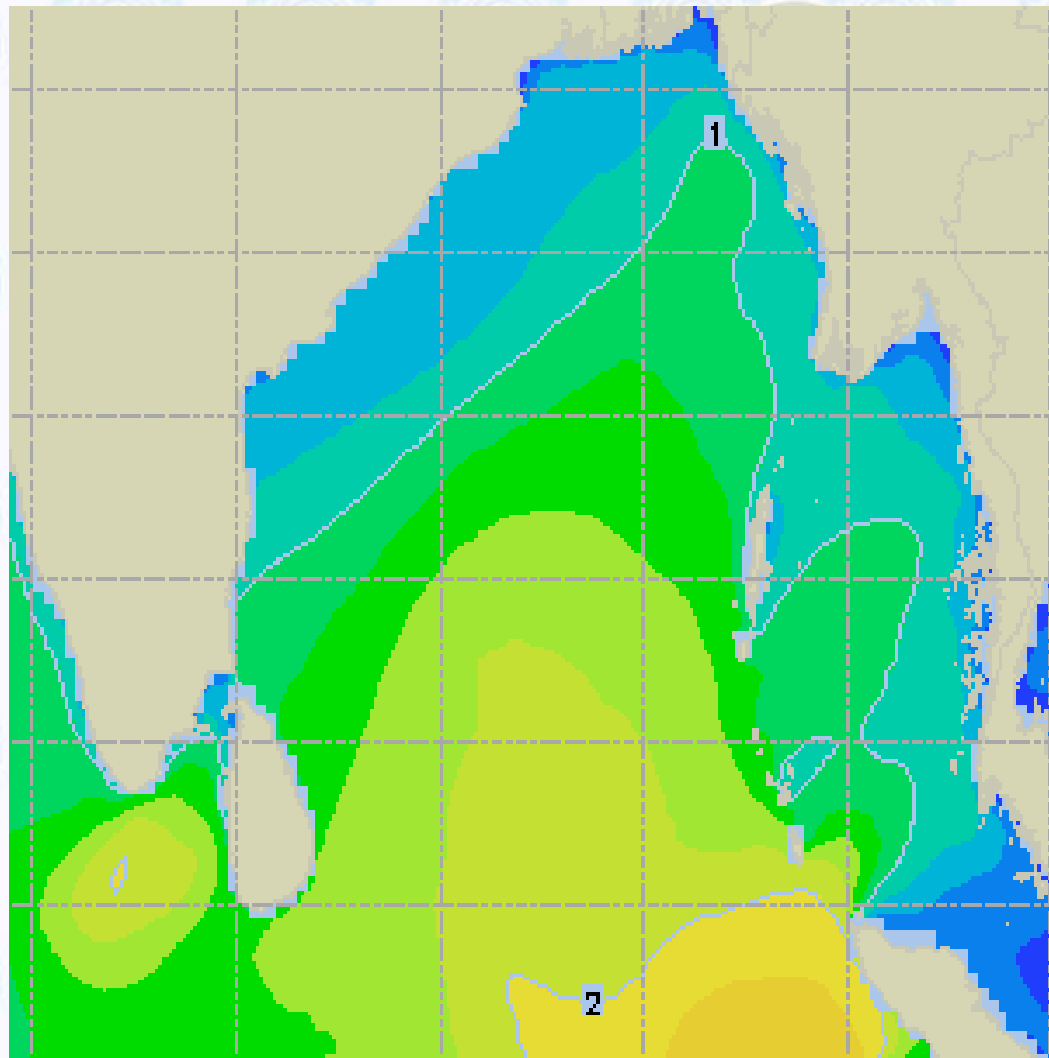
10 Knots



60 Knots



Sea State Forecast – 21 Nov- 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

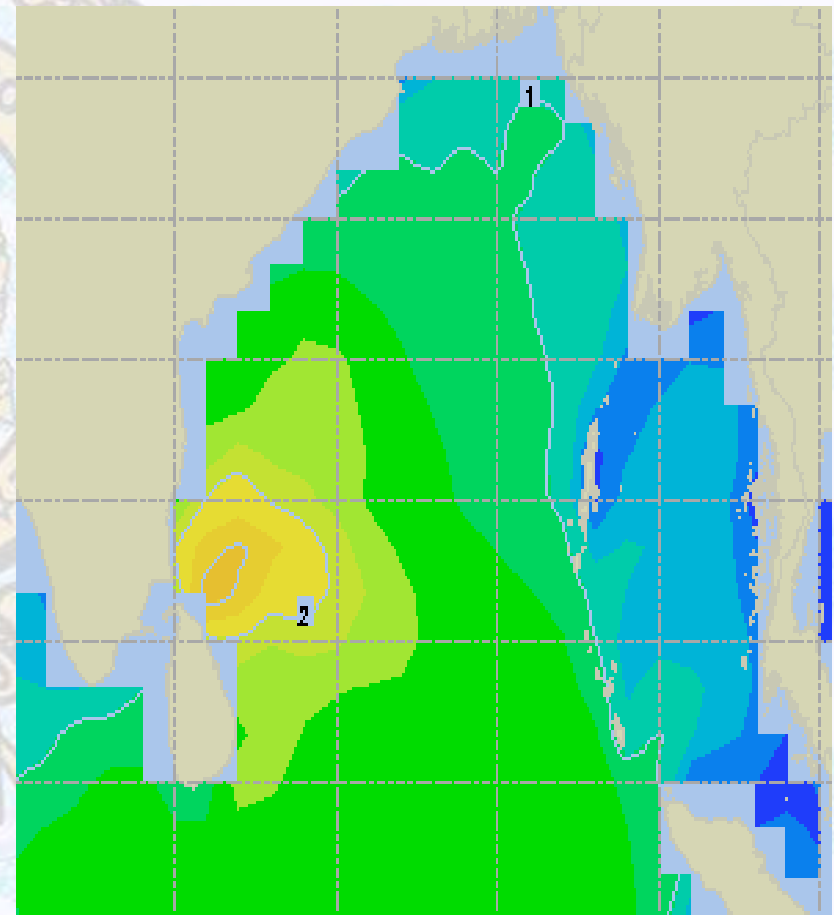
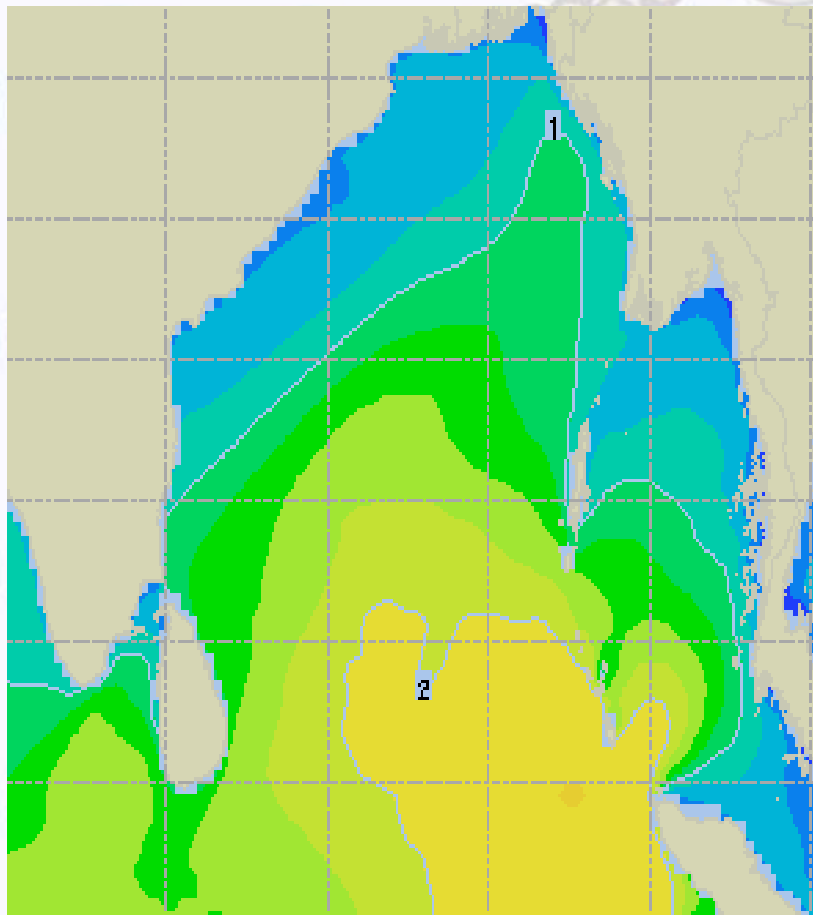




Sea State Forecast – 22 & 23 Nov- 2020

22 Nov 20 Sunday

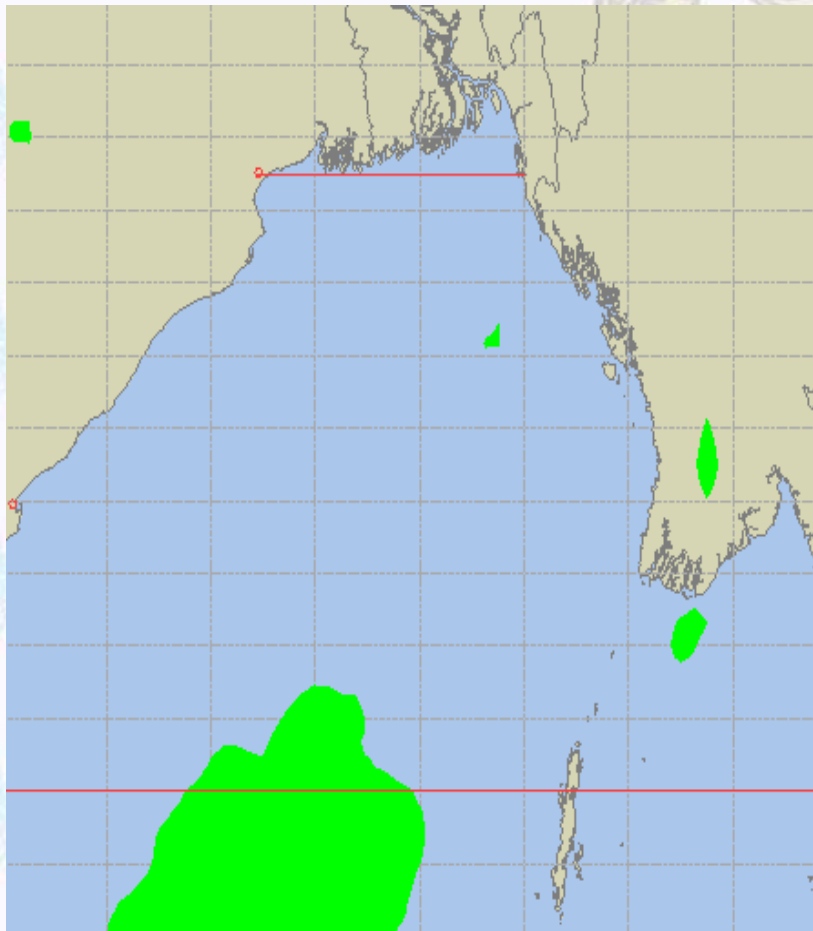
23 Nov 20 Monday



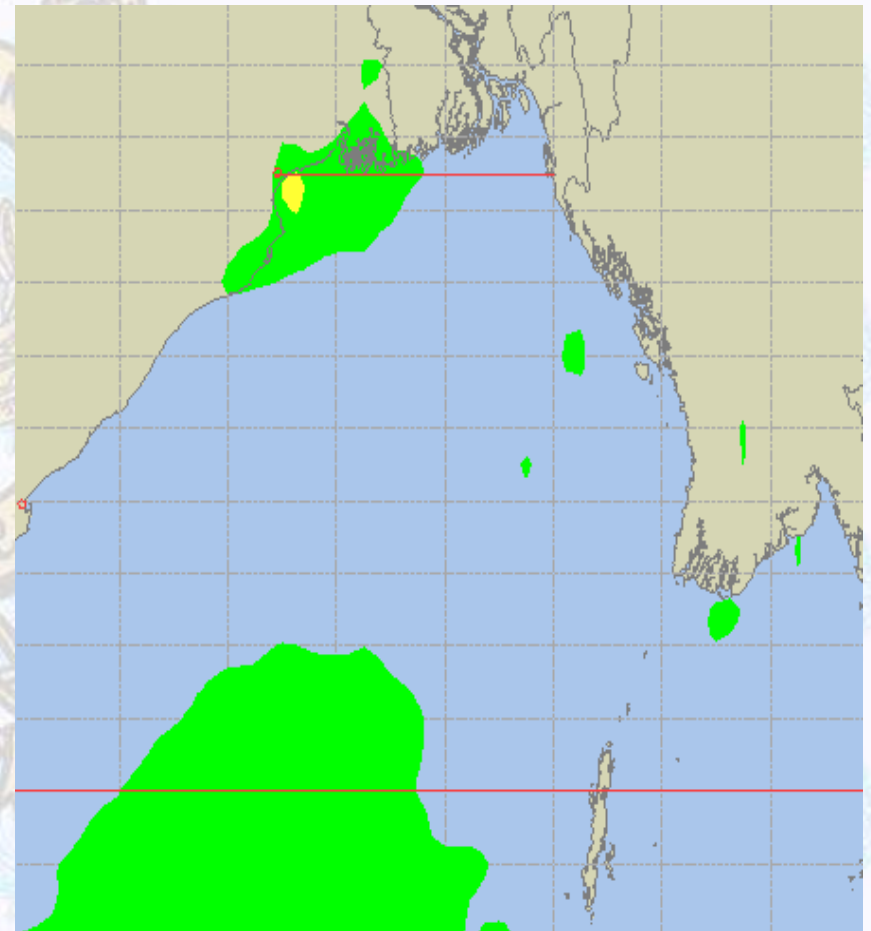


Peak Gusting Possibilities— 21 & 22 Nov 2020

21 Nov 20 Saturday



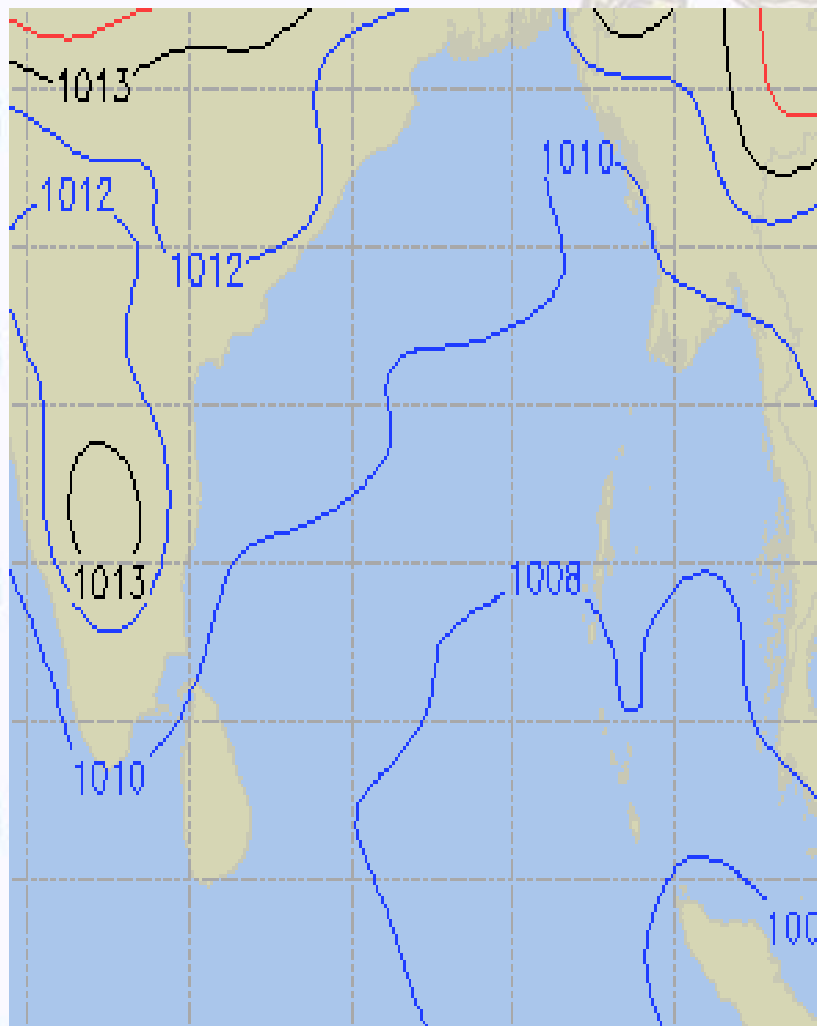
22 Nov 20 Sunday



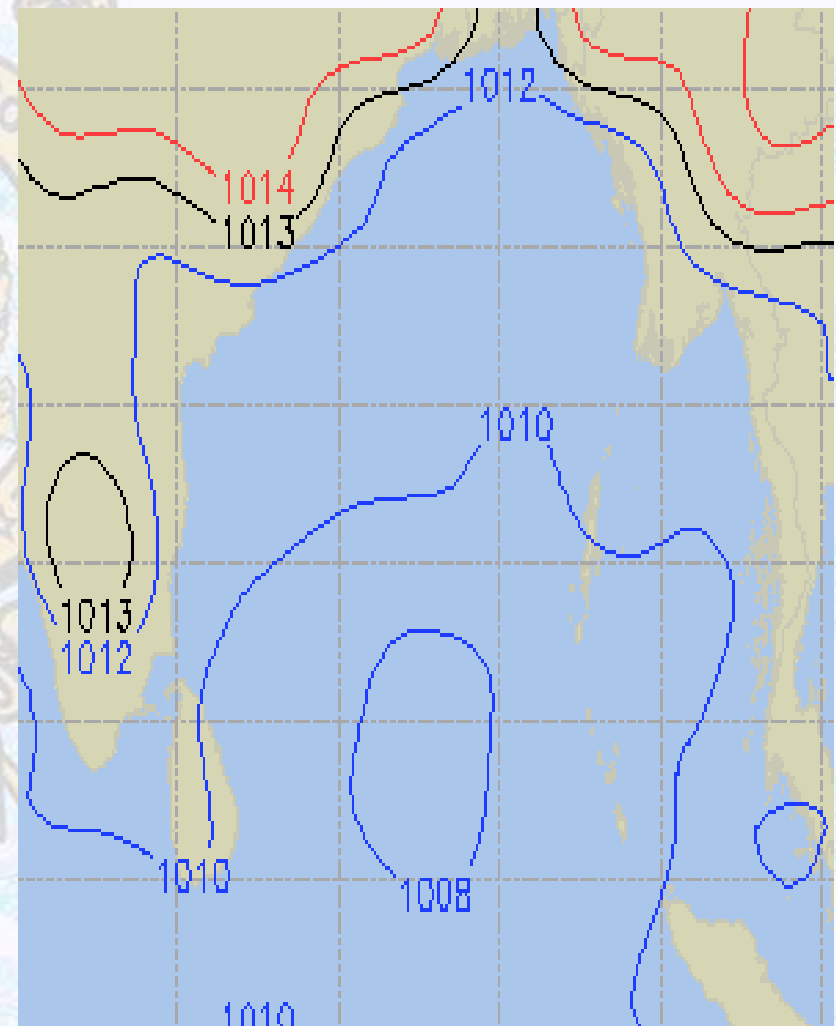


Surface Pressure forecast– 21 & 22 Nov 2020

21 Nov 20 Saturday



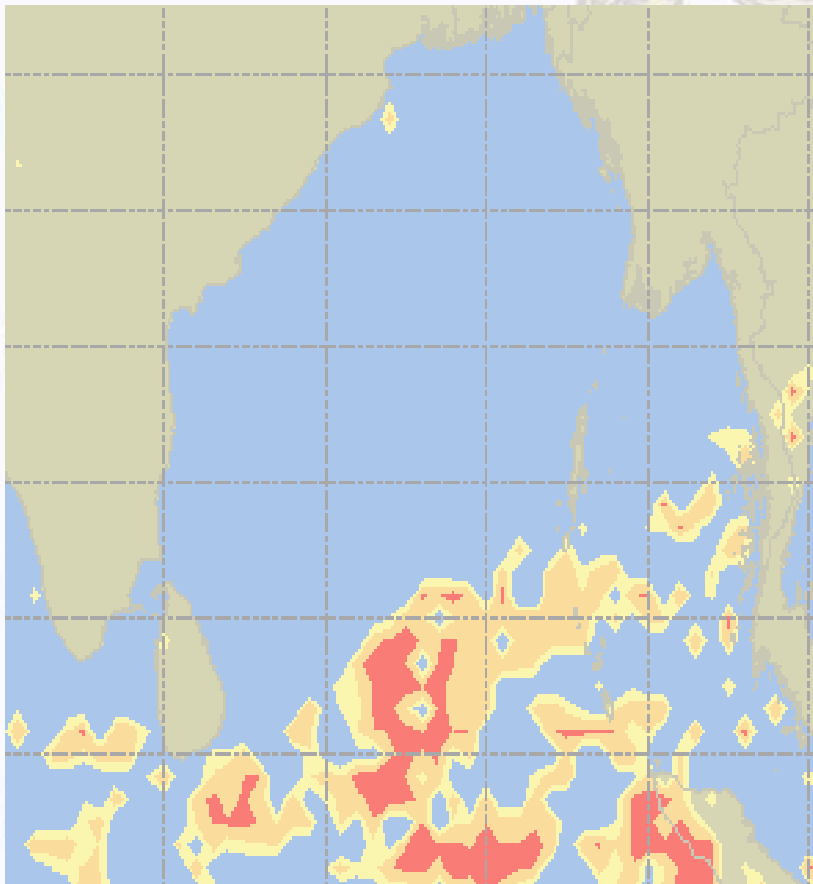
22 Nov 20 Sunday



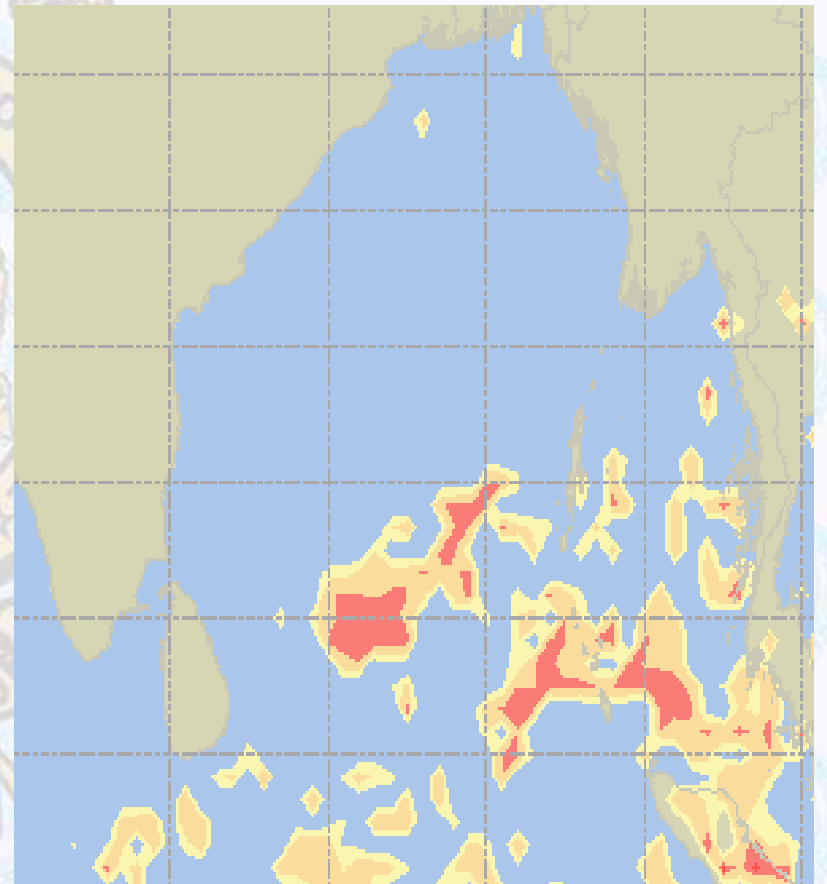


Visibility at Sea Forecast – 21 & 22 Nov 2020

21 Nov 20 Saturday



22 Nov 20 Sunday



Visibility Scale:



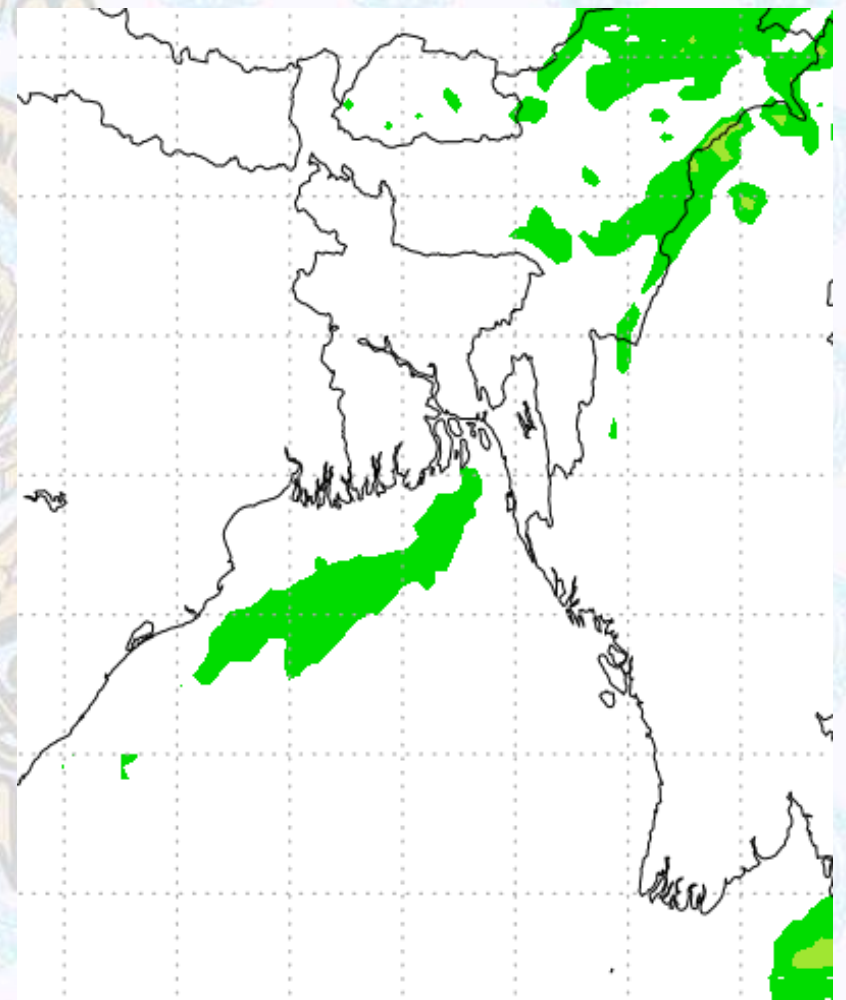
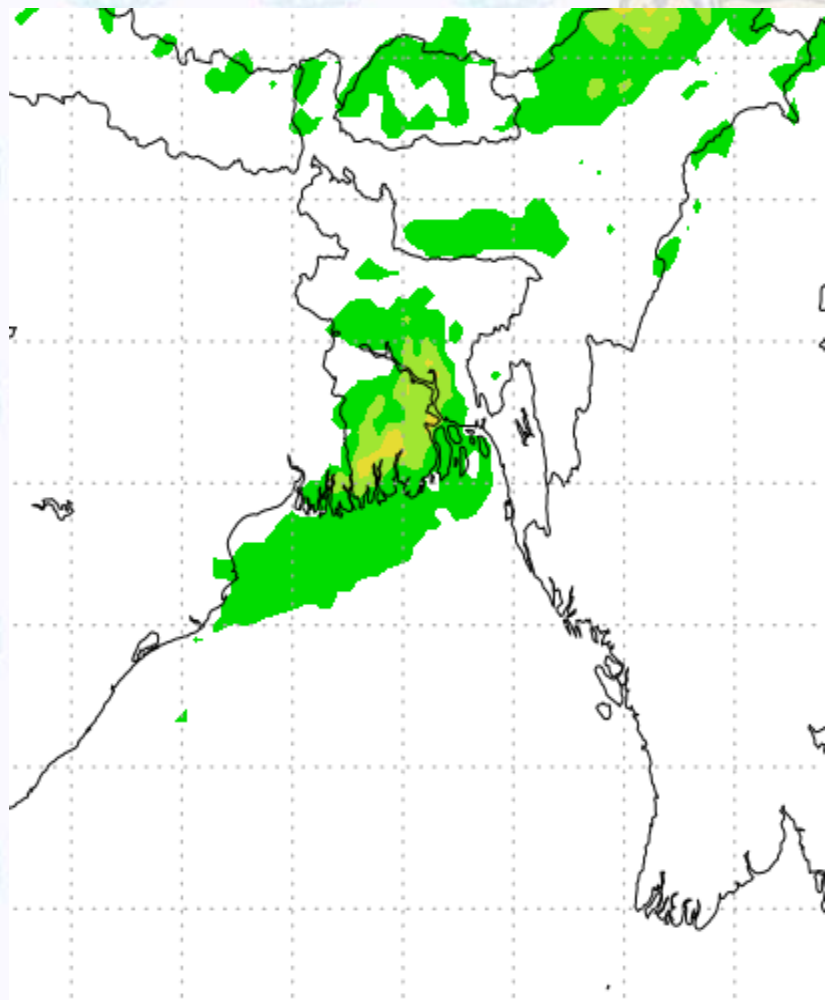
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 21 & 22 Nov 2020

Rain(mm) 22 & 23 Nov 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

21 Nov 2020	Time	Height		Time	Height		Time	Height
	0458	4.23		0231	3.02		0225	2.77
	1149	0.93		0913	1.01		0912	1.18
	1749	3.76		1504	2.58		1505	2.38
	2359	1.36		2134	1.14		2107	1.34
22 Nov 2020	Time	Height		Time	Height		Time	Height
	0607	3.95		0327	2.77		0326	2.61
	1300	1.05		1016	1.14		1020	1.26
	1911	3.66		1613	2.44		1625	2.31
	-	-		2246	1.26		2227	1.45
23 Nov 2020	Time	Height		Time	Height		Time	Height
	0124	1.50		0436	2.58		0444	2.50
	0728	3.75		1136	1.21		1134	1.26
	1413	1.08		1741	2.43		1758	2.34
	2035	3.72		-	-		2357	1.46