



WEATHER FORECAST FOR BN

18 - 21 NOV 2020





WEATHER FORECAST – DHAKA

18.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	29 / 15	25 / 17	24 / 18
Wind	7 km/h WNW	8 km/h W	2 km/h SW	1 km/h SSW
Humidity	44%	43%	60%	67%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	1%	1%	1%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 15 AM 17: 11 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.22 km

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



WEATHER FORECAST – CHATTOGRAM

18.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 19	29 / 20	26 / 21	24 / 21
Wind	6 km/h WNW	6 km/h WNW	3 km/h WNW	2 km/h NNW
Humidity	56%	60%	76%	83%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	19%	1%	12%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 07 AM			
Sunset	17: 08 PM			

Conditions

Pressure : 1013 hpa

Visibility : 4.02 Km

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



WEATHER FORECAST – KHULNA

18.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 17	30 / 17	25 / 18	23 / 18
Wind	7 km/h NW	6 km/h NNW	1 km/h SSW	1 km/h SSE
Humidity	43%	45%	65%	76%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	3%	4%	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 17 AM 17: 16 PM			

Conditions

Pressure : 1013 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	19 Nov 2020	20 Nov 2020	21 Nov 2020
Temperature (C)	30 °C/ 21 °C	30 °C/ 21 °C	30 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h16m18s/17h11m24s	6h16m54s/17h11m06s	6h17m36s/17h11m00s
Day Length	10h55m06s	10h54m12s	10h53m24s
Moon Rise/ Set	10:23 AM 9:16 PM	11:16 AM 10:16 PM	12:01 AM 11:14 PM
Moon Phase/ illu	Waxing Crescent, 26%	Waxing Crescent, 37%	Waxing Crescent, 47%
Nautical Twilight	05:24, 18:03	05:24, 18:03	05:25, 18:02
Civil Twilight	05:51, 17:35	05:52, 17:35	05:53, 17:35
Humidity	D : 58% N : 78%	D : 62% N : 78%	D : 59% N : 70%
Barometer (mb)	1013	1012	1012
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	10%	10%	10%
Wind (mph)	5 Km/h SW	7 Km/h W	9 Km/h NNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	19 Nov 2020	20 Nov 2020	21 Nov 2020
Temperature (C)	30 °C/ 20 °C	30 °C/ 21 °C	30 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h08m00s/17h08m12s	6h08m36s/17h07m54s	6h09m12s/17h07m48s
Day Length	11h00m12s	10h59m18s	10h58m36s
Moon Rise/ Set	10:14 AM 9:13 PM	11:07 AM 10:13 PM	11:53 AM 11:10 PM
Moon Phase/ illu	Waxing Crescent, 26%	Waxing Crescent, 37%	Waxing Crescent, 47%
NauticalTwilight	05:16 17:59	05:17 17:59	05:17 17:59
Civil Twilight	05:43, 17:32	05:44, 17:32	05:45, 17:31
Humidity	D : 64% N : 83%	D : 65% N : 84%	D : 63% N : 81%
Barometer (mb)	1013	1012	1012
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	10%	1%	10%
Wind (mph)	7 Km/h NNW	9 Km/h N	9 Km/h N

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



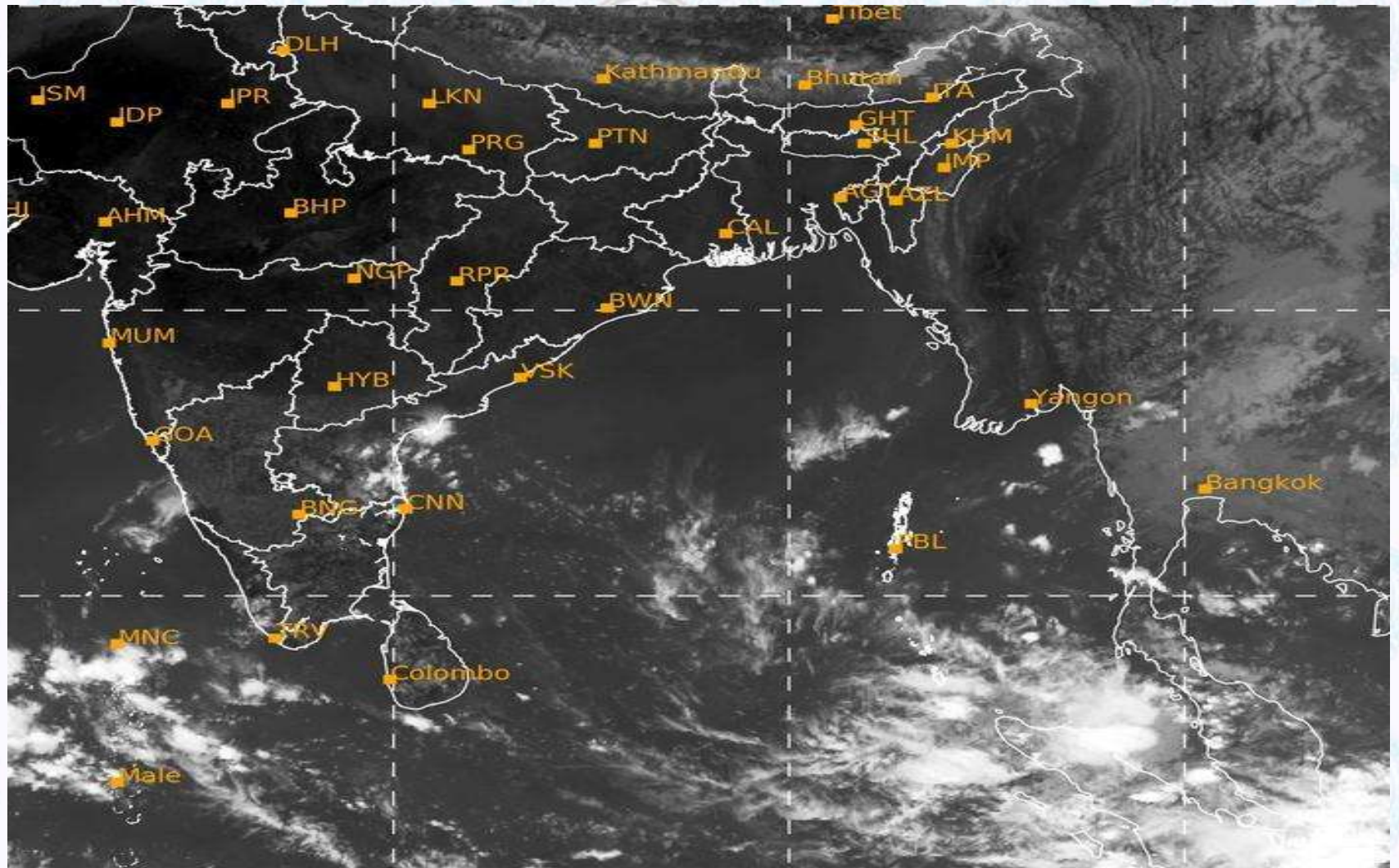
GENERAL WEATHER FORECAST – KHULNA

Description	19 Nov 2020	20 Nov 2020	21 Nov 2020
Temperature(C)	31°C/ 21°C	31°C/ 20°C	30°C/ 19°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h18m00s/17h16m24s	6h18m36s/17h16m06s	6h19m12s/17h16m06s
Day Length	10h58m24s	10h57m30s	10h56m54s
Moon Rise/Set	10:24 AM 9:22 PM	11:17 AM 10:21 PM	12:03 AM 11:19 PM
Moon Phase/illu	Waxing Crescent, 26%	Waxing Crescent, 37%	Waxing Crescent, 47%
Nautical Twilight	05:26, 18:07	05:27, 18:07	05:27, 18:07
Civil Twilight	05:53, 17:40	05:54, 17:40	05:55, 17:40
Humidity	D : 59% N : 79%	D : 62% N : 77%	D : 58% N : 69%
Barometer (mb)	1013	1012	1012
Visibility	Good/ Moderate	Good/ Moderate	Good/ Moderate
Precip Chance	10%	10%	10%
Wind (mph)	7 km/h WNW	10 km/h WNW	10 km/h N

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



SATELLITE VIEW OF BAY OF BENGAL

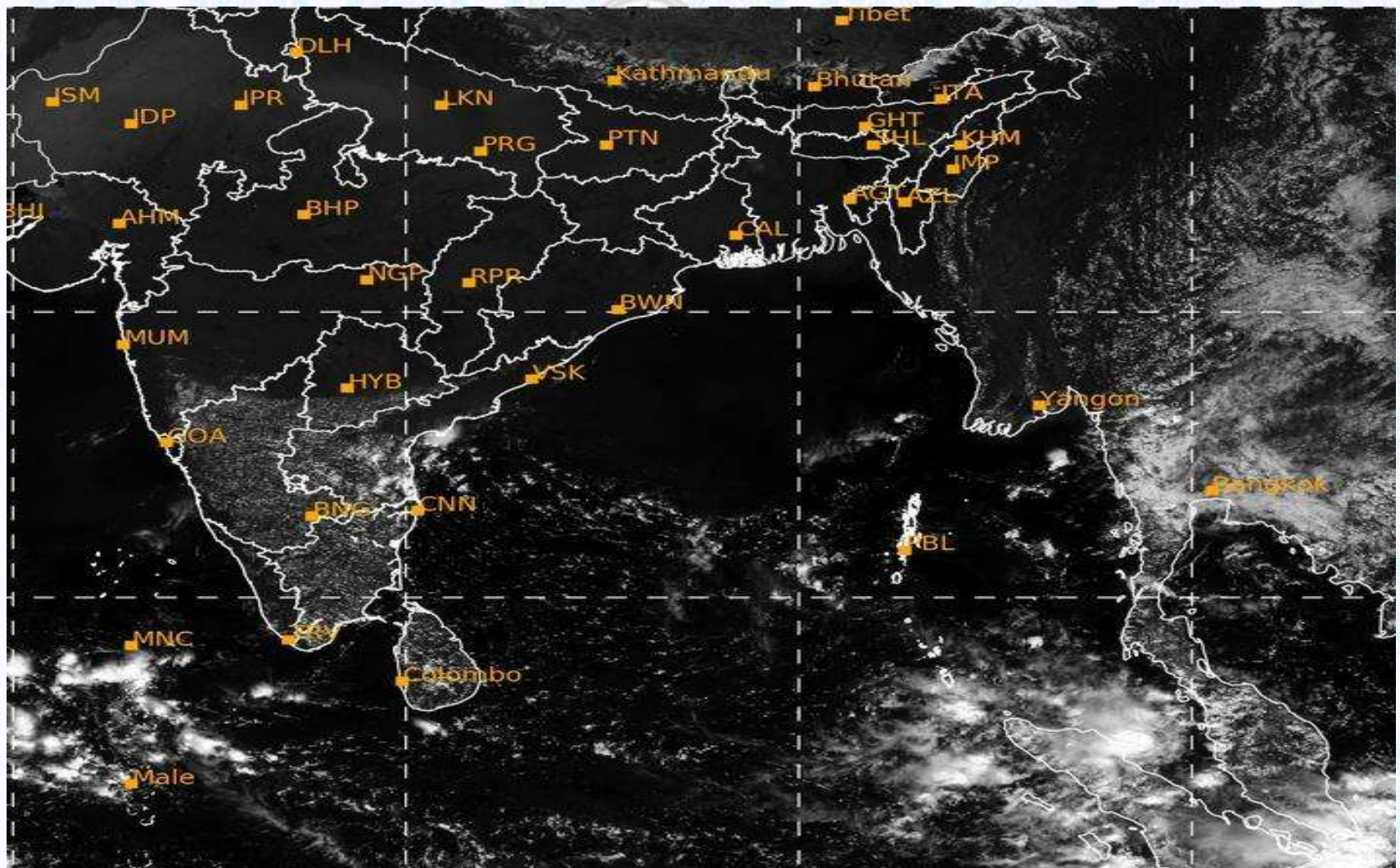


18/11/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



18/11/2020, 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 18.11.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH BAY, EXTENDING ITS TROUGH TO NORTH BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY 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 = 18,0000 UTC. CHATTOGRAM =1013 HPA



Inland River Port Warning (VALID TILL 06 PM OF 18.11.2020)

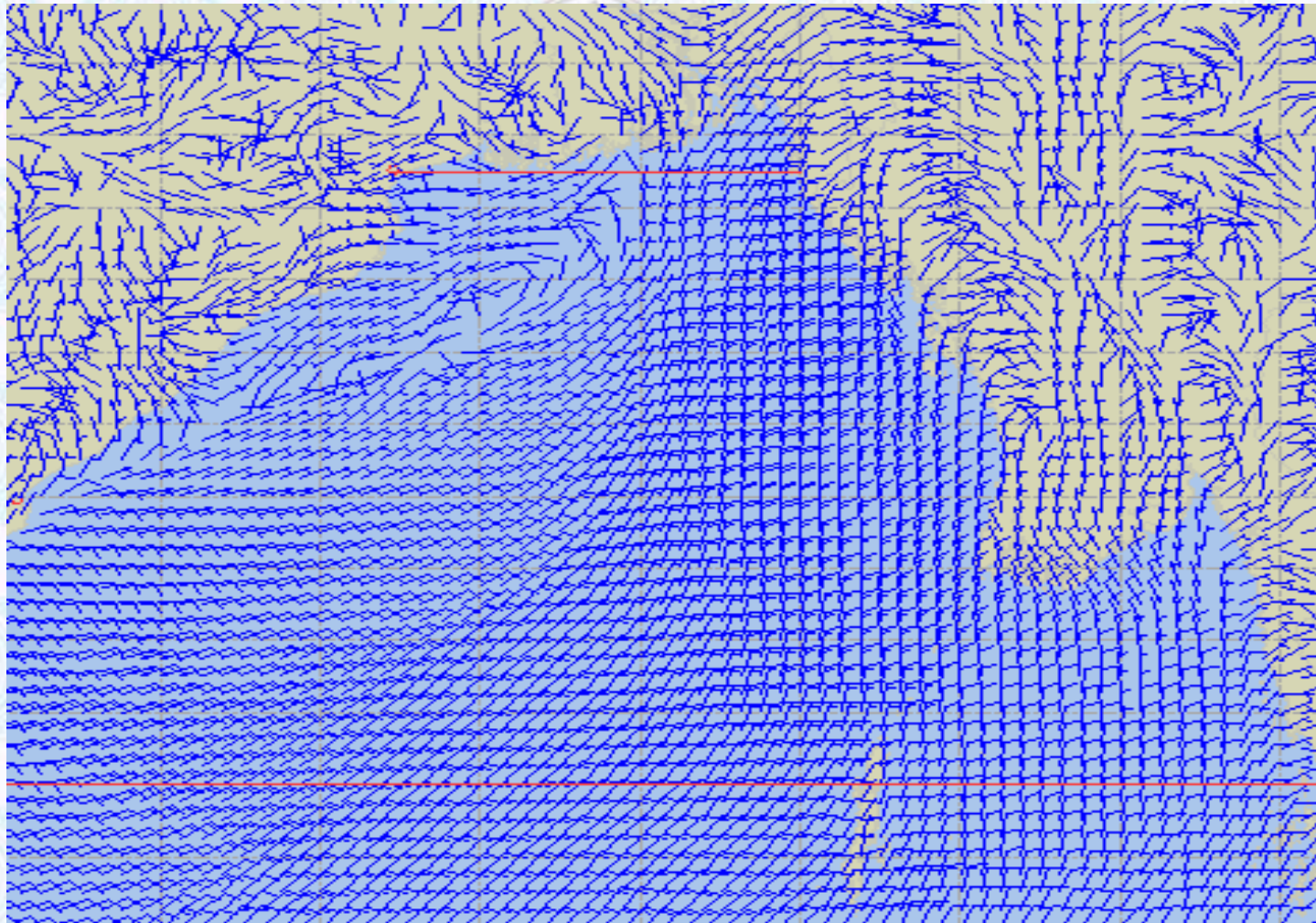
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 19 Nov - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



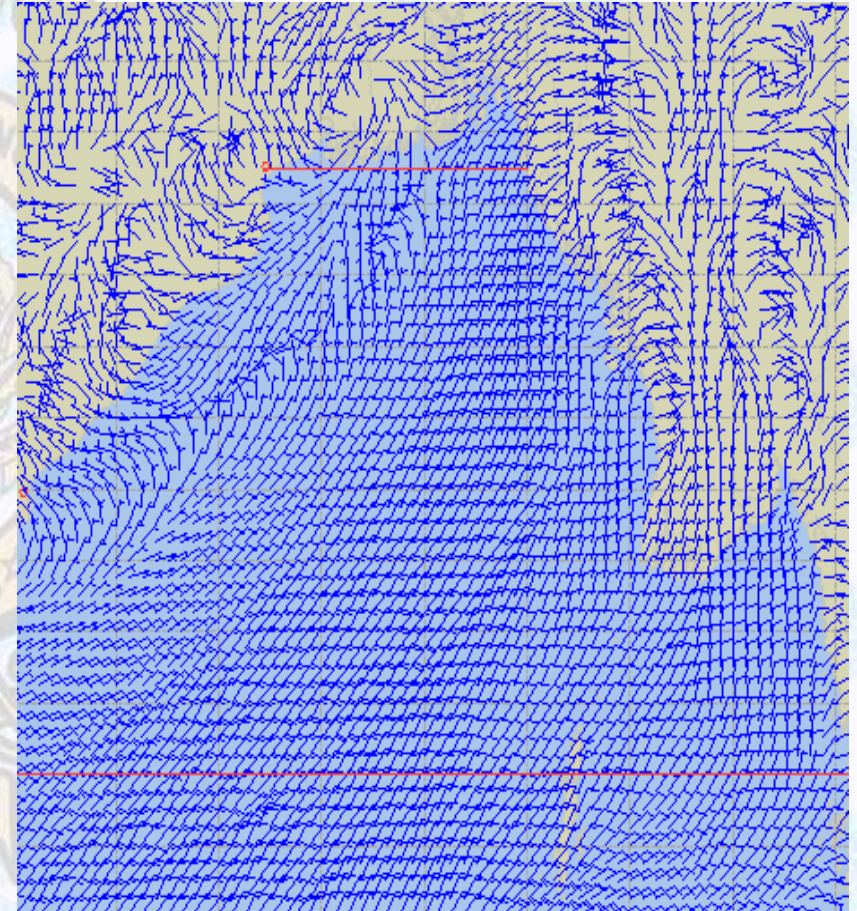
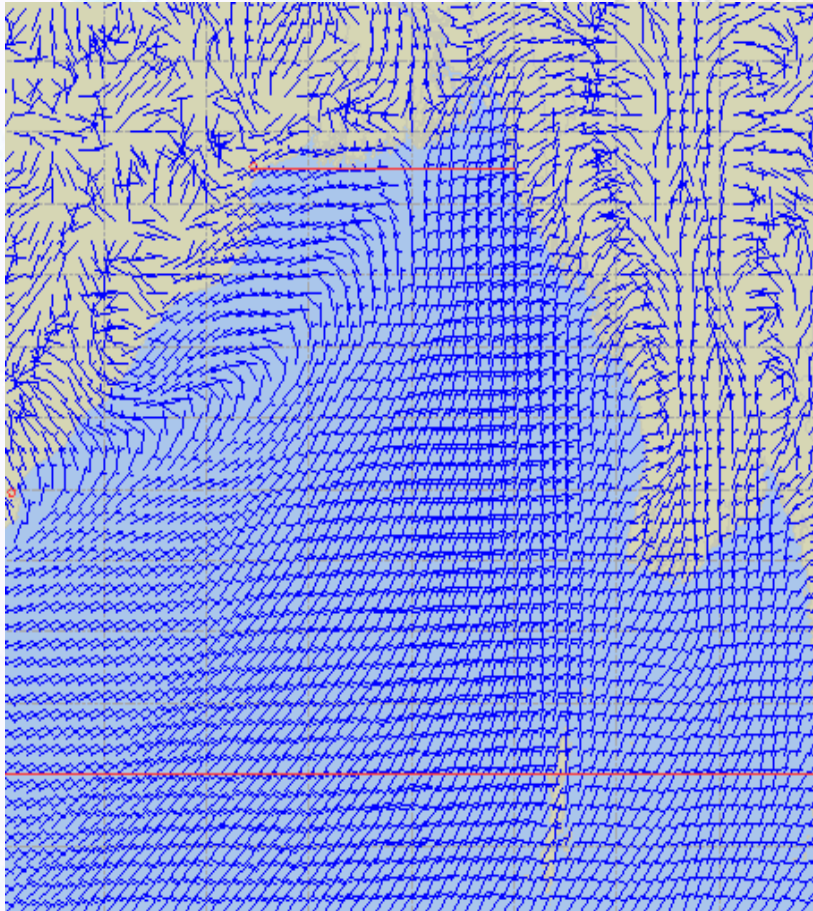
60 Knots



Surface Wind Forecast – 20 & 21 Nov- 2020

20 Nov 20 Friday

21 Nov 20 Saturday



Legend:



Calm
Winds



5 Knots



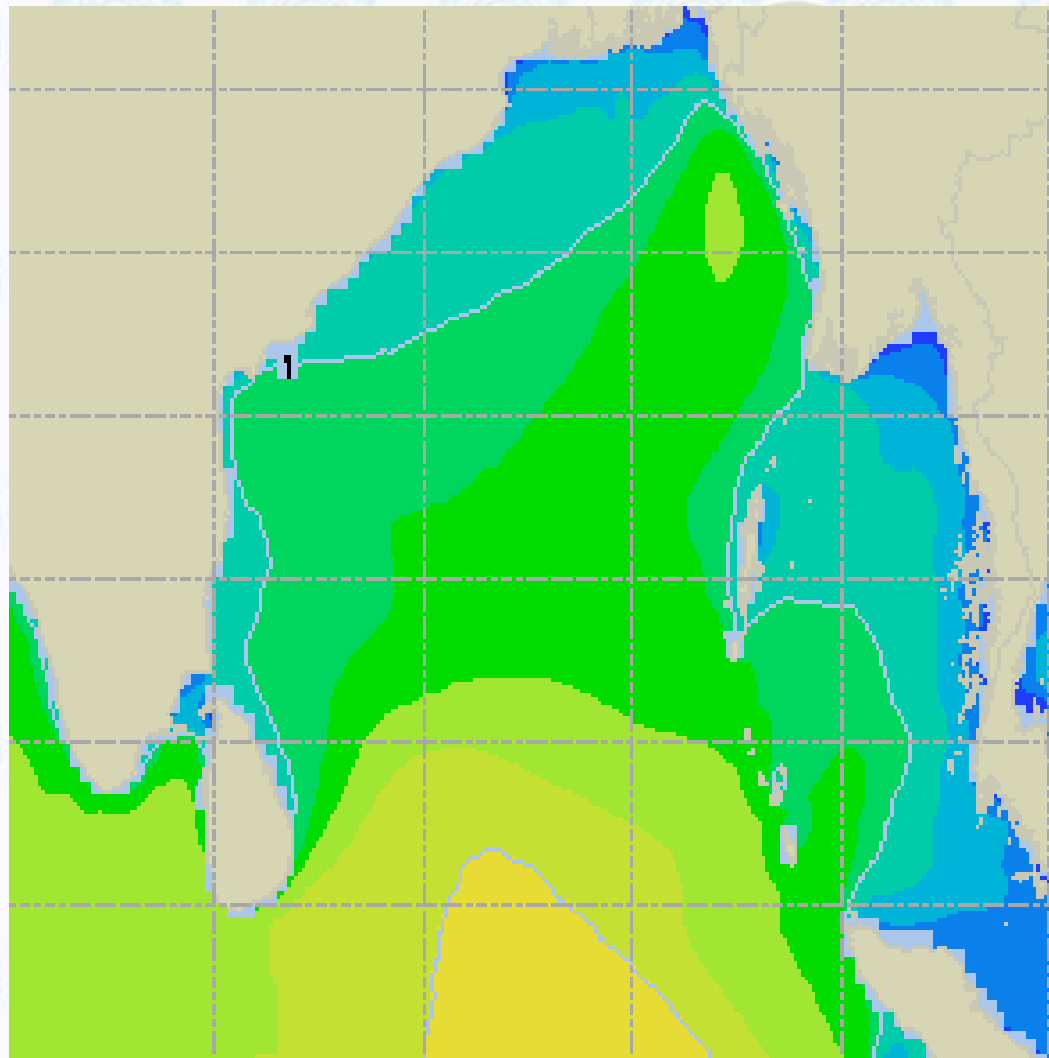
10 Knots



60 Knots



Sea State Forecast – 19 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

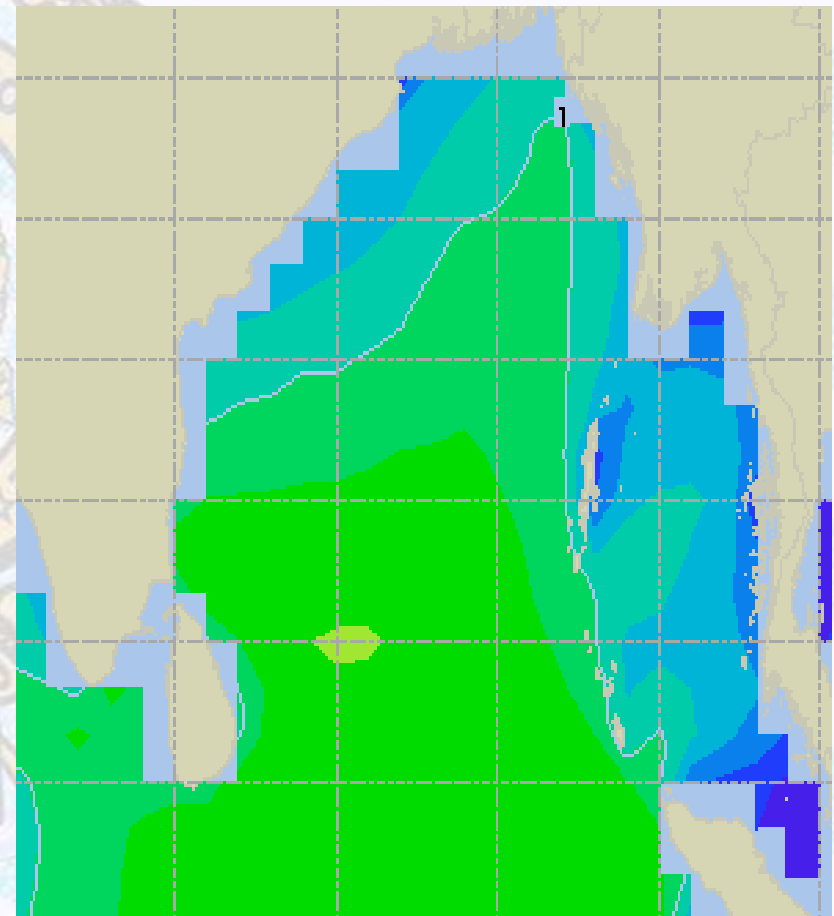
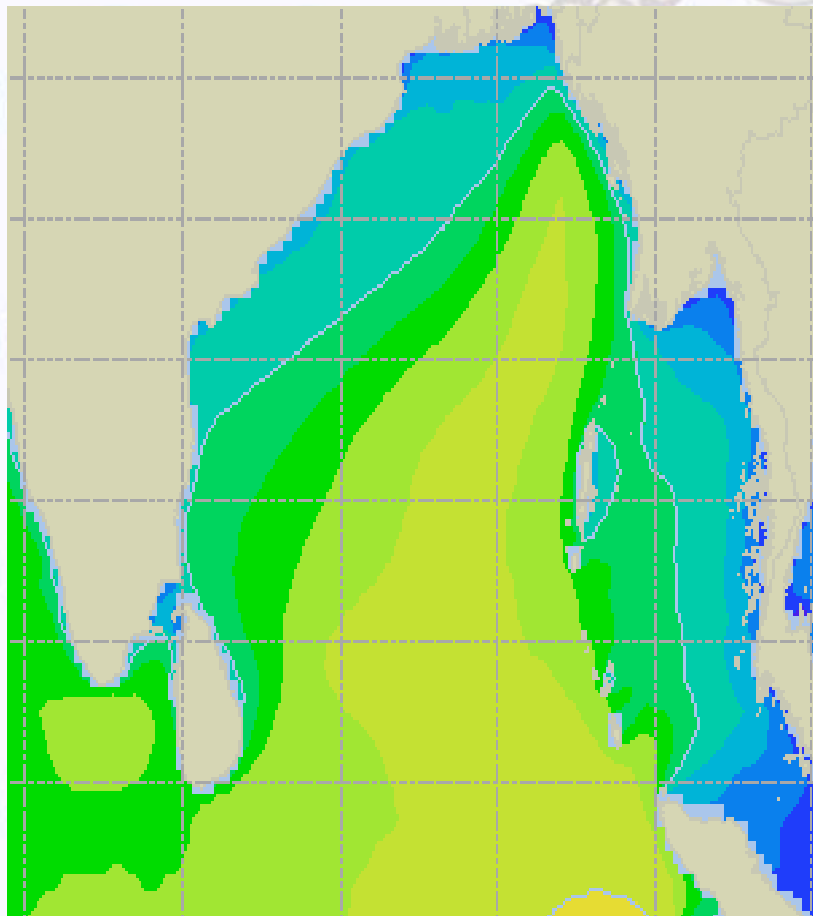




Sea State Forecast – 20 & 21 Nov- 2020

20 Nov 20 Friday

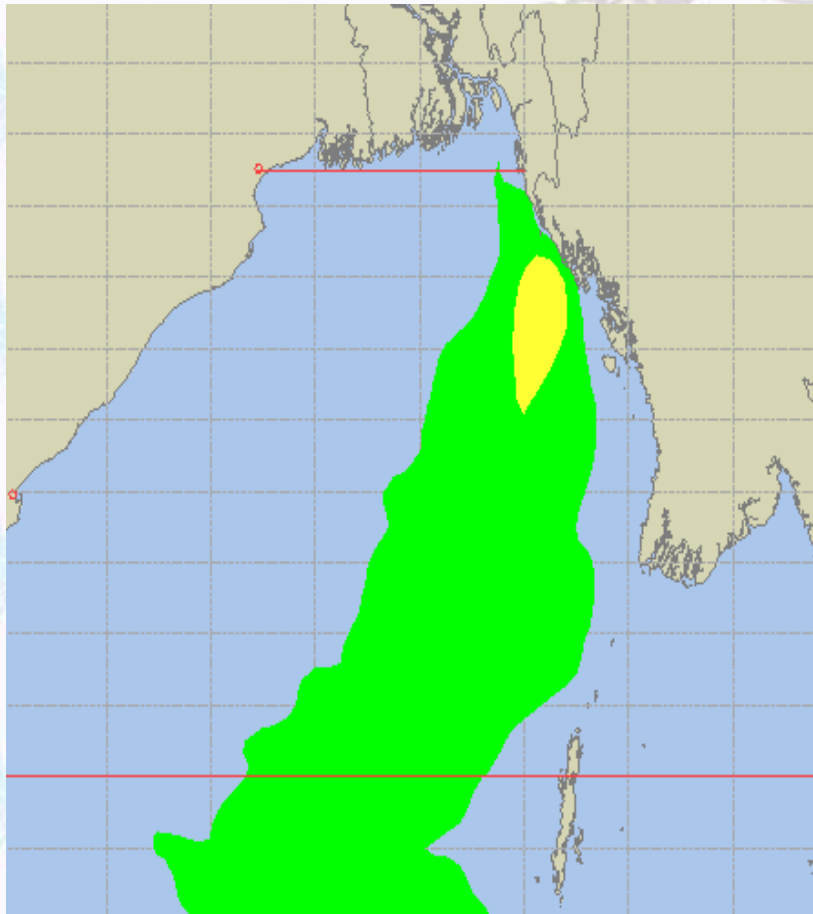
21 Nov 20 Saturday



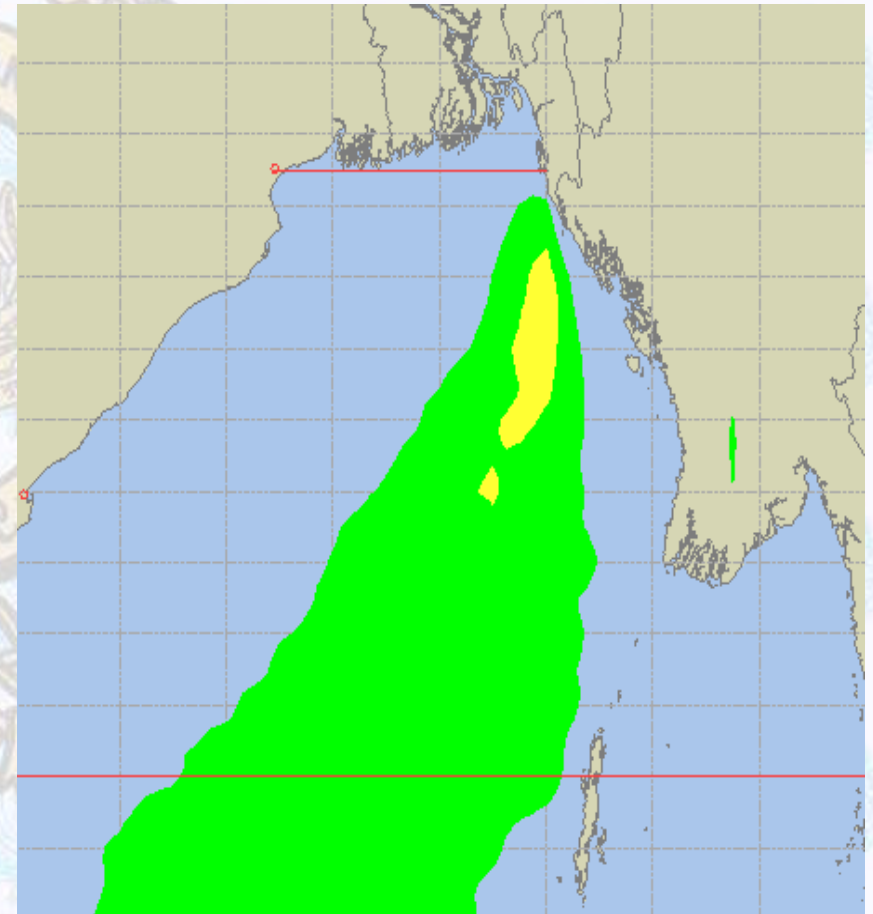


Peak Gusting Possibilities— 19 & 20 Nov 2020

19 Nov 20 Thursday



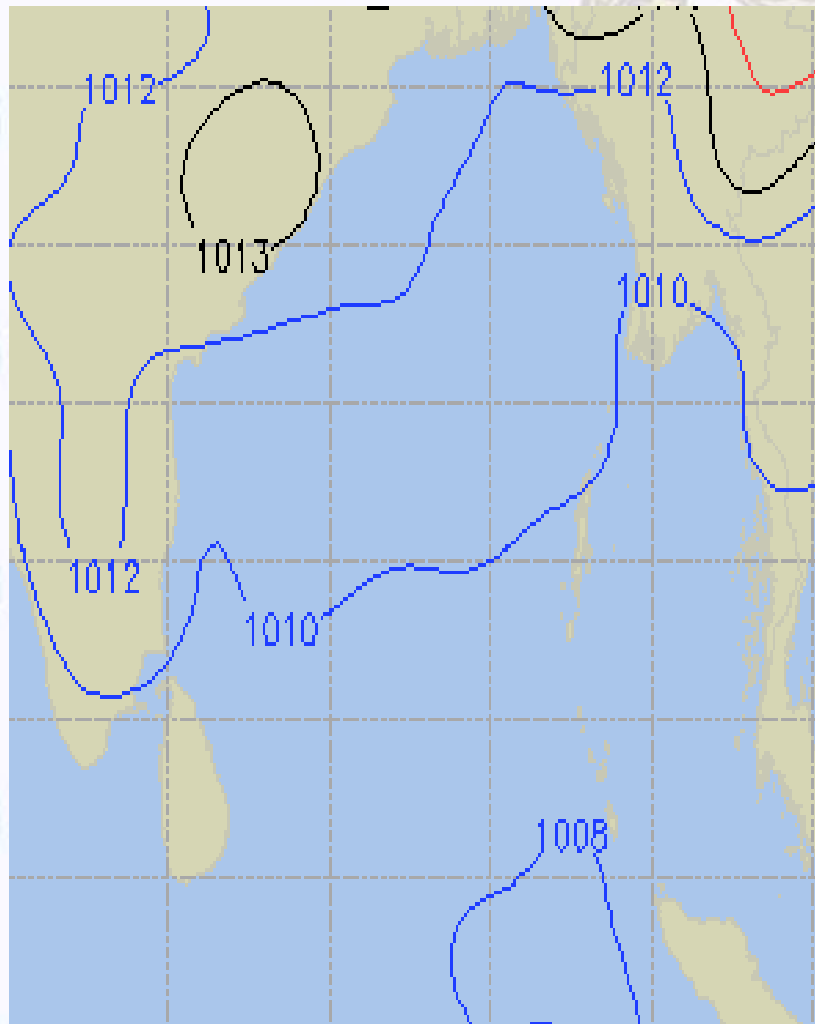
20 Nov 20 Friday



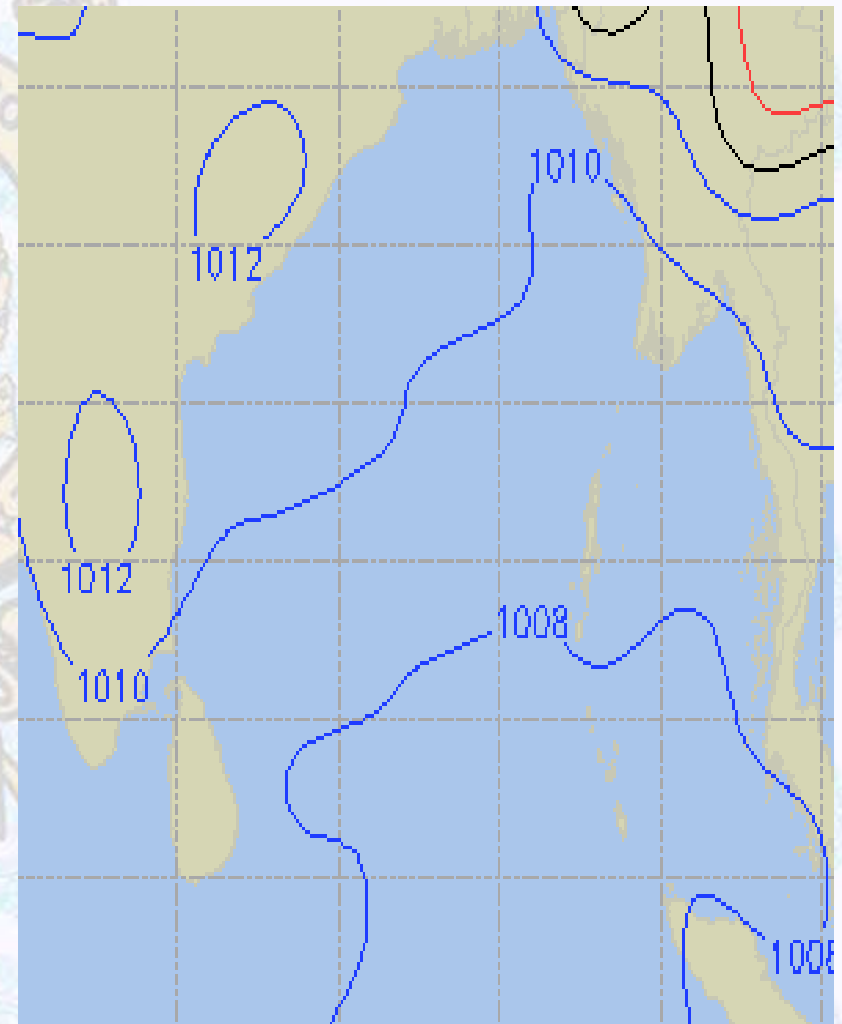


Surface Pressure forecast– 19 & 20 Nov 2020

19 Nov 20 Thursday



20 Nov 20 Friday

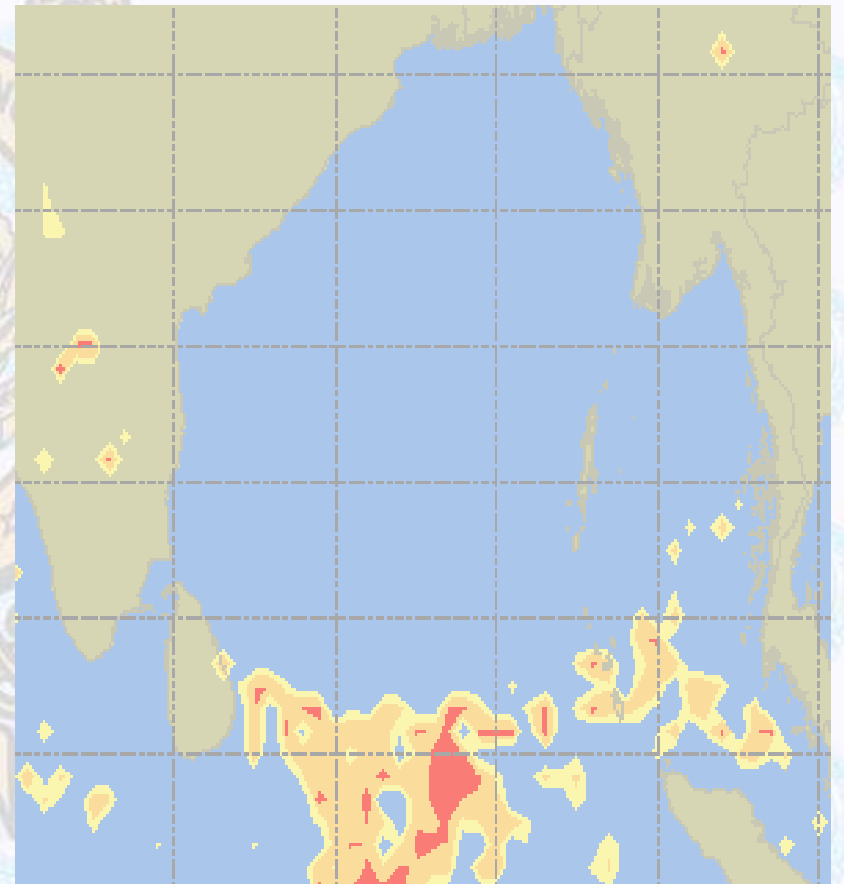
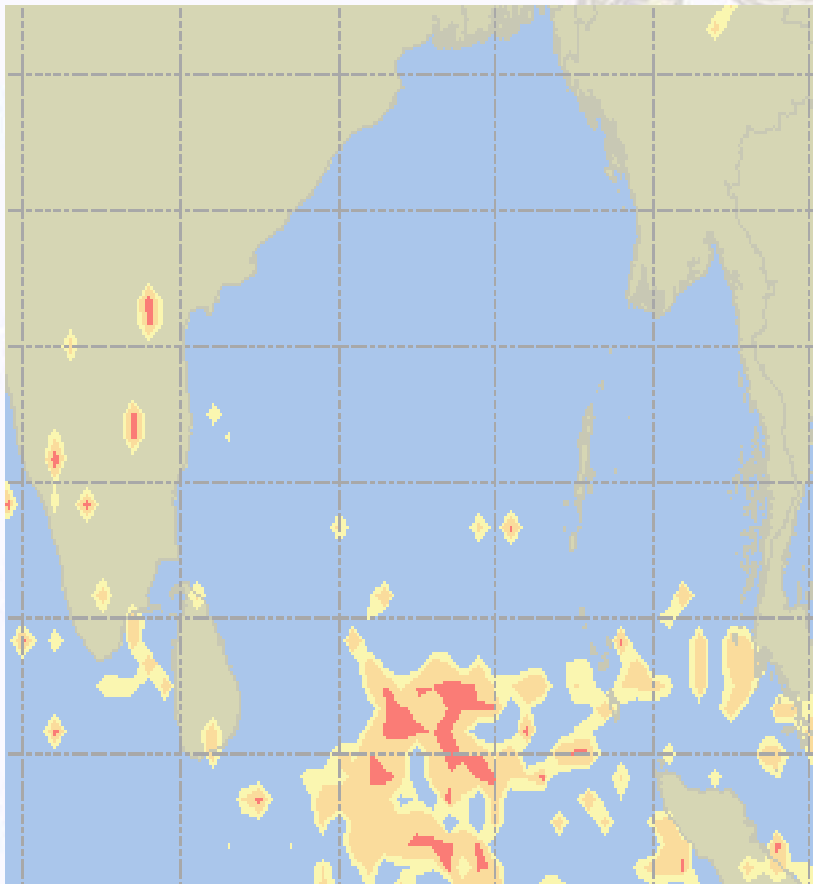




Visibility at Sea Forecast – 19 & 20 Nov 2020

19 Nov 20 Thursday

20 Nov 20 Friday



Visibility Scale:



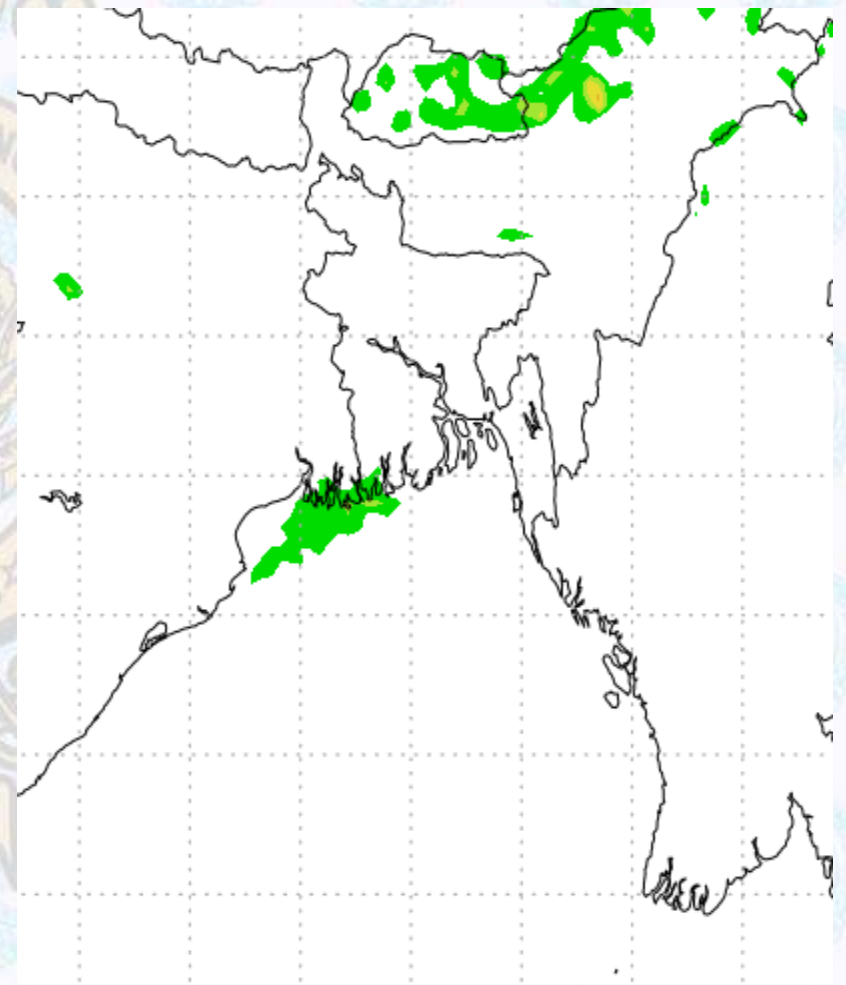
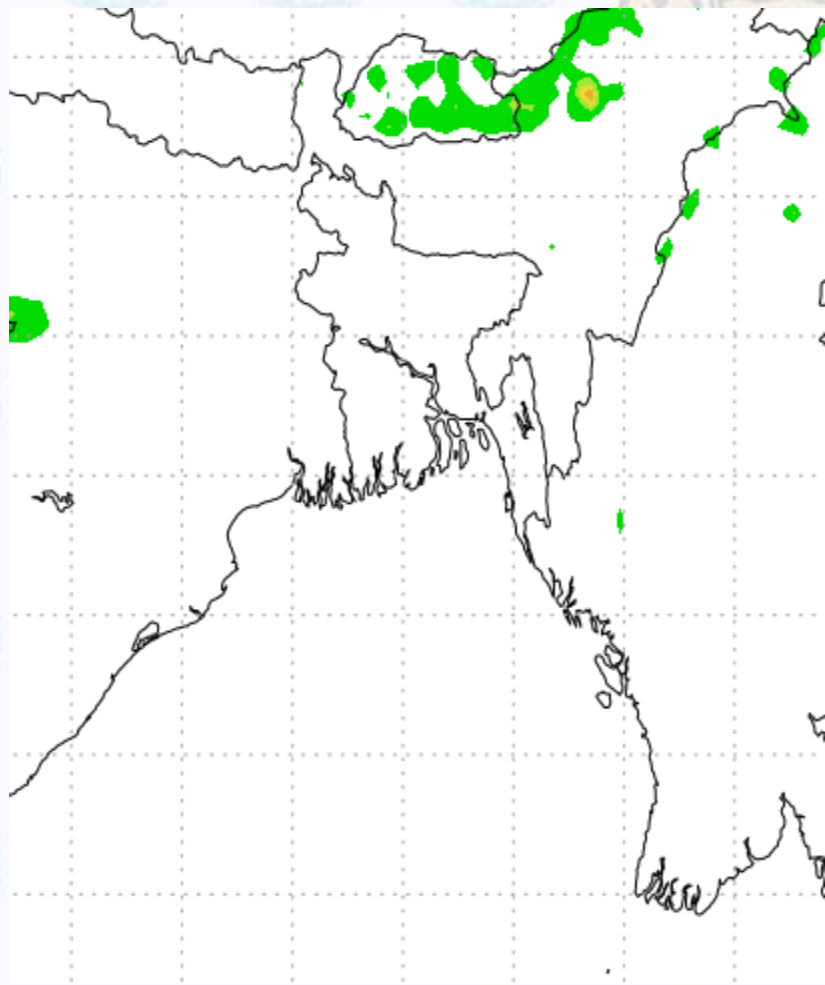
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 19 & 20 Nov 2020

Rain(mm) 20 & 21 Nov 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

19 Nov 2020	Time	Height		Time	Height		Time	Height
	0312	4.79		0050	3.11		0055	3.52
	0958	0.57		0725	0.90		0740	0.70
	1545	4.22		1314	2.66		1318	2.99
	2201	0.80		1921	0.94		1951	0.78
20 Nov 2020	Time	Height		Time	Height		Time	Height
	0401	4.53		0142	3.28		0135	2.94
	1049	0.75		0824	0.85		0814	1.05
	1641	3.98		1408	2.77		1404	2.51
	2252	1.09		2038	0.97		2007	1.15
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