



WEATHER FORECAST FOR BN

17 - 20 NOV 2020



WEATHER FORECAST – DHAKA

17.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	30 / 18	30 / 17	26 / 18	26 / 19
Wind	9 km/h W	9 km/h W	3 km/h SW	2 km/h SW
Humidity	48%	46%	62%	71%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 15 AM			
Sunset	17: 12 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3.54 km

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



WEATHER FORECAST – CHATTOGRAM

17.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 21	29 / 21	26 / 22	24 / 21
Wind	6 km/h WNW	6 km/h WNW	3 km/h WNW	2 km/h NNW
Humidity	59%	64%	79%	84%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	2%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 06 AM			
Sunset	17: 08 PM			

Conditions

Pressure : 1012 hpa

Visibility : 4.38 Km

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



WEATHER FORECAST – KHULNA

17.11.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	31 / 19	31 / 18	25 / 19	23 / 19
Wind	9 km/h NW	7 km/h WNW	2 km/h SW	1 km/h SSW
Humidity	47%	48%	70%	81%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 16 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	18 Nov 2020	19 Nov 2020	20 Nov 2020
Temperature (C)	31 °C/ 21 °C	31 °C/ 21 °C	30 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h15m42s/17h11m36s	6h16m18s/17h11m24s	6h16m54s/17h11m06s
Day Length	10h55m54s	10h55m06s	10h54m12s
Moon Rise/ Set	9:24 AM 8:15 PM	10:23 AM 9:16 PM	11:16 AM 10:16 PM
Moon Phase/ illu	Waxing Crescent, 17%	Waxing Crescent, 26%	Waxing Crescent, 37%
Nautical Twilight	05:23, 18:01	05:24, 18:03	05:24, 18:03
Civil Twilight	05:51, 17:37	05:51, 17:35	05:52, 17:35
Humidity	D : 54% N : 74%	D : 58% N : 76%	D : 59% N : 75%
Barometer (mb)	1011	1012	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	8 Km/h W	8 Km/h W	8 Km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Nov 2020	19 Nov 2020	20 Nov 2020
Temperature (C)	30 °C/ 20 °C	29 °C/ 20 °C	30 °C/ 20 °C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h07m30s/17h08m24s	6h08m00s/17h08m12s	6h08m36s/17h07m54s
Day Length	11h00m54s	11h00m12s	10h59m18s
Moon Rise/ Set	9:14 AM 8:12 PM	10:14 AM 9:13 PM	11:07 AM 10:13 PM
Moon Phase/ illu	Waxing Crescent, 17%	Waxing Crescent, 26%	Waxing Crescent, 37%
NauticalTwilight	05:15 17:57	05:16 17:59	05:17 17:59
Civil Twilight	05:44, 17:31	05:43, 17:32	05:44, 17:32
Humidity	D : 68% N : 84%	D : 67% N : 88%	D : 65% N : 83%
Barometer (mb)	1012	1013	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	6 Km/h NNW	6 Km/h NNW	9 Km/h N

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



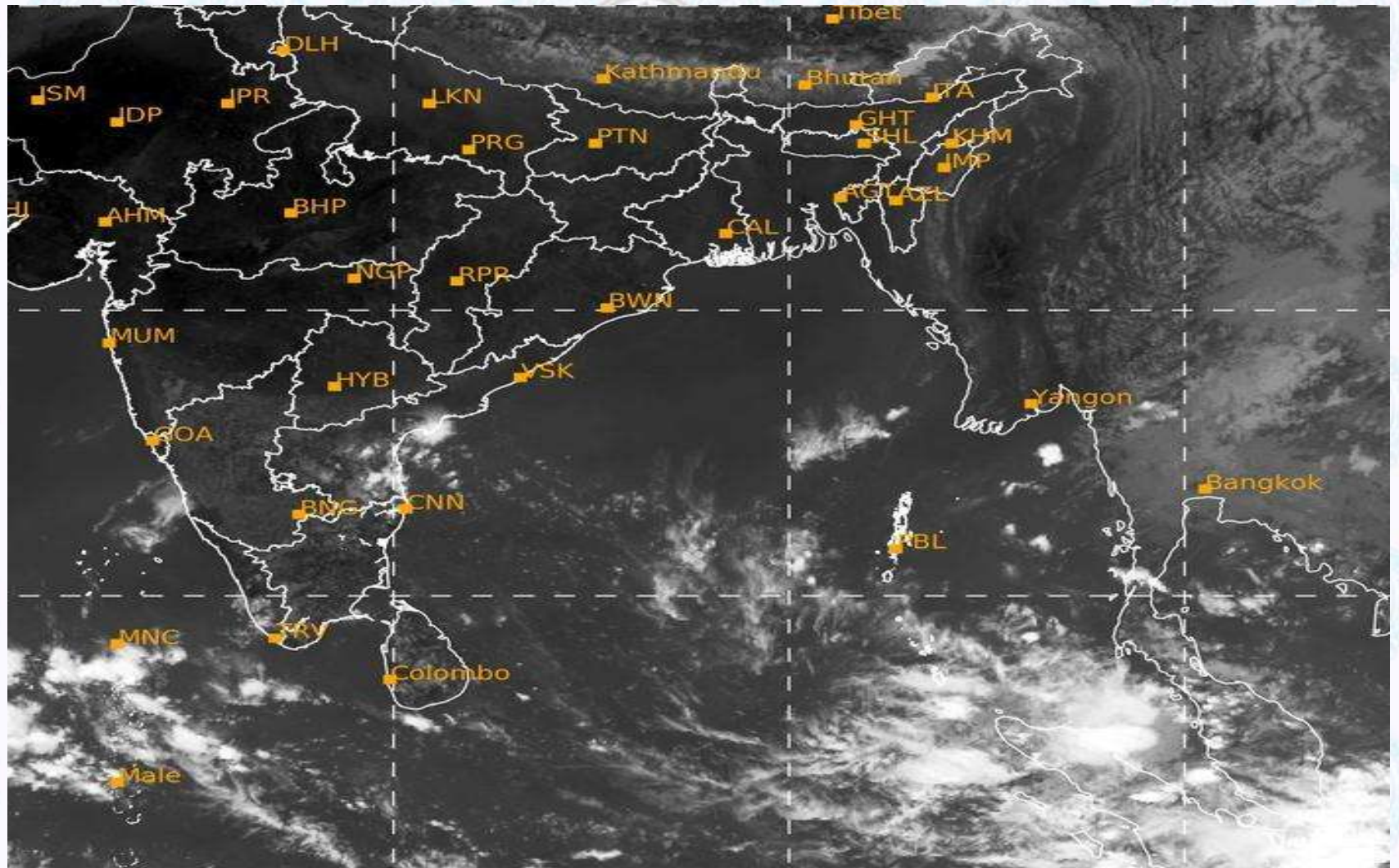
GENERAL WEATHER FORECAST – KHULNA

Description	18 Nov 2020	19 Nov 2020	20 Nov 2020
Temperature(C)	31°C/ 20°C	31°C/ 21°C	31°C/ 20°C
Summary	Sunny	Sunny	Sunny
Sun Rise/Set	6h17m30s/17h16m36s	6h18m00s/17h16m24s	6h18m36s/17h16m06s
Day Length	11h59m06s	10h58m24s	10h57m30s
Moon Rise/Set	9:25 AM 8:20 PM	10:24 AM 9:22 PM	11:17 AM 10:21 PM
Moon Phase/illu	Waxing Crescent, 17%	Waxing Crescent, 26%	Waxing Crescent, 37%
NauticalTwilight	05:25, 18:06	05:26, 18:07	05:27, 18:07
Civil Twilight	05:53, 17:40	05:53, 17:40	05:54, 17:40
Humidity	D : 55% N : 76%	D : 58% N : 78%	D : 60% N : 77%
Barometer (mb)	1012	1012	1012
Visibility	Good	Good	Good
Precip Chance	10%	10%	10%
Wind (mph)	7 km/h WNW	8 km/h WNW	10 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

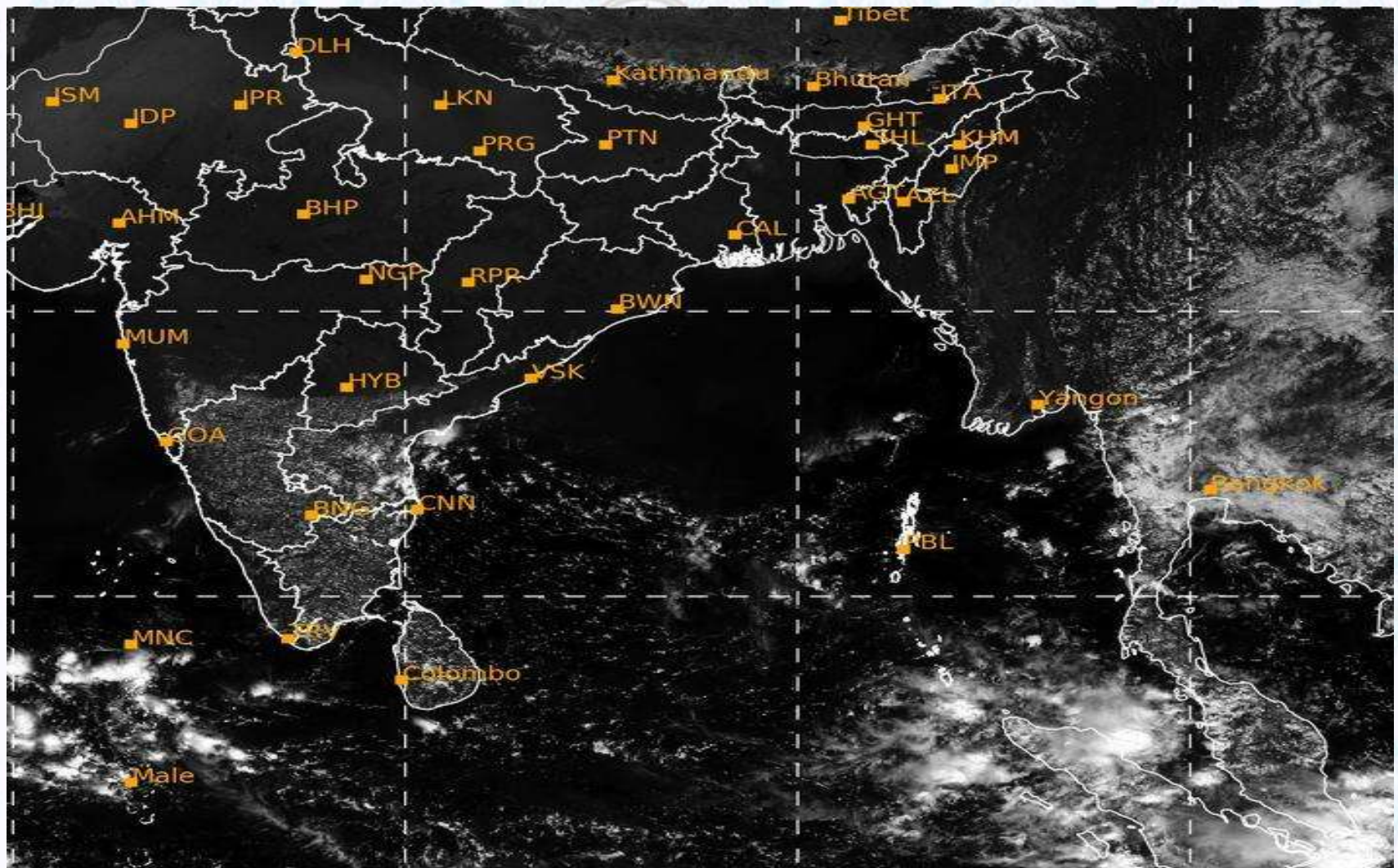


17/11/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/11/2020, 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 17.11.2020)

Part One	NO STORM WARNING.	
Part Two	SEASONAL LOW LIES OVER SOUTH-BAY, EXTENDING ITS TROUGH TO NORTH-EAST BAY.	
Part Three	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY,(08-12)KTS,
	Visibility	(03-05) KMS, REDUCING TO 2000 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1012 HPA



Inland River Port Warning (VALID TILL 06 PM OF 17.11.2020)

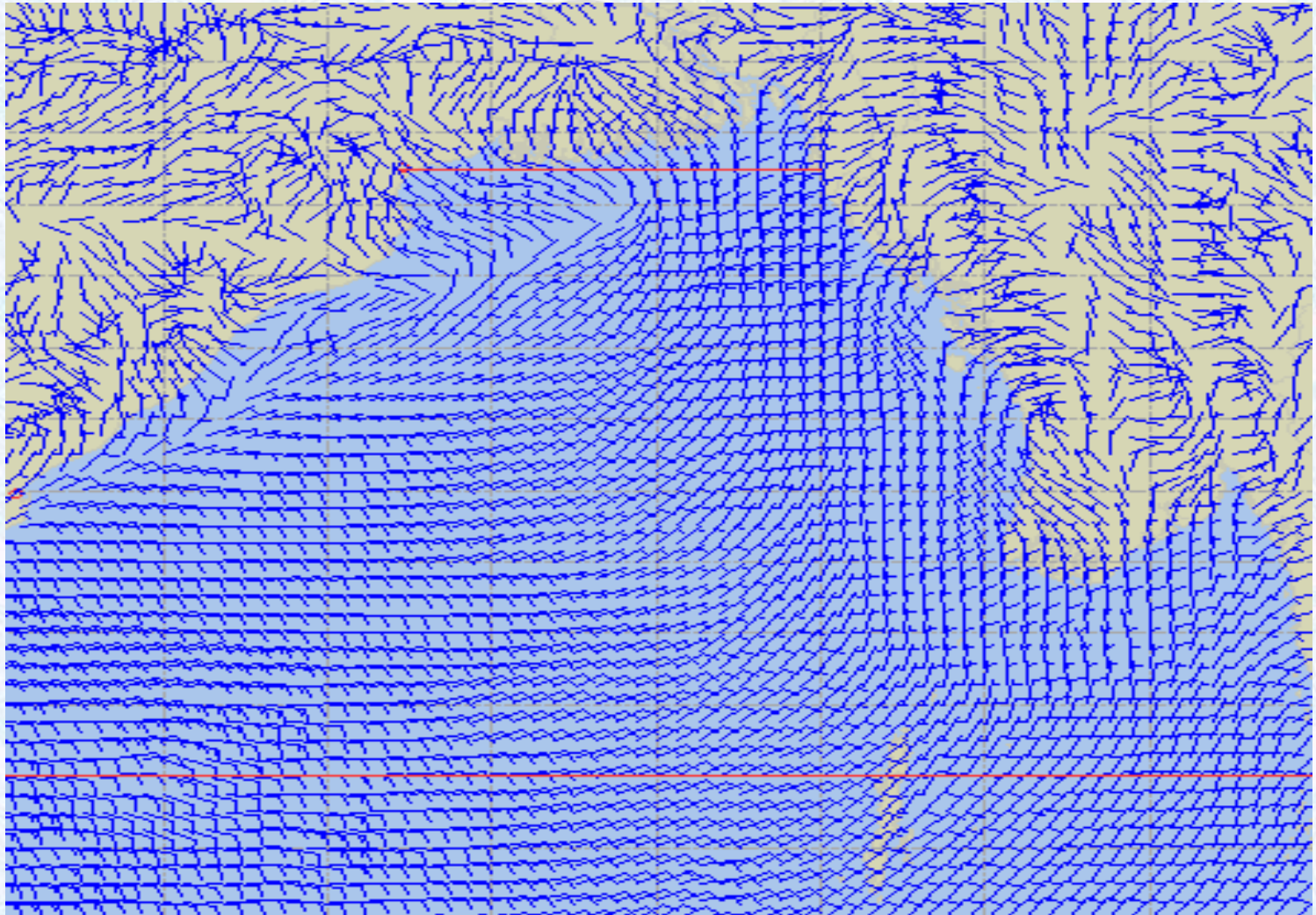
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 18 Nov - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



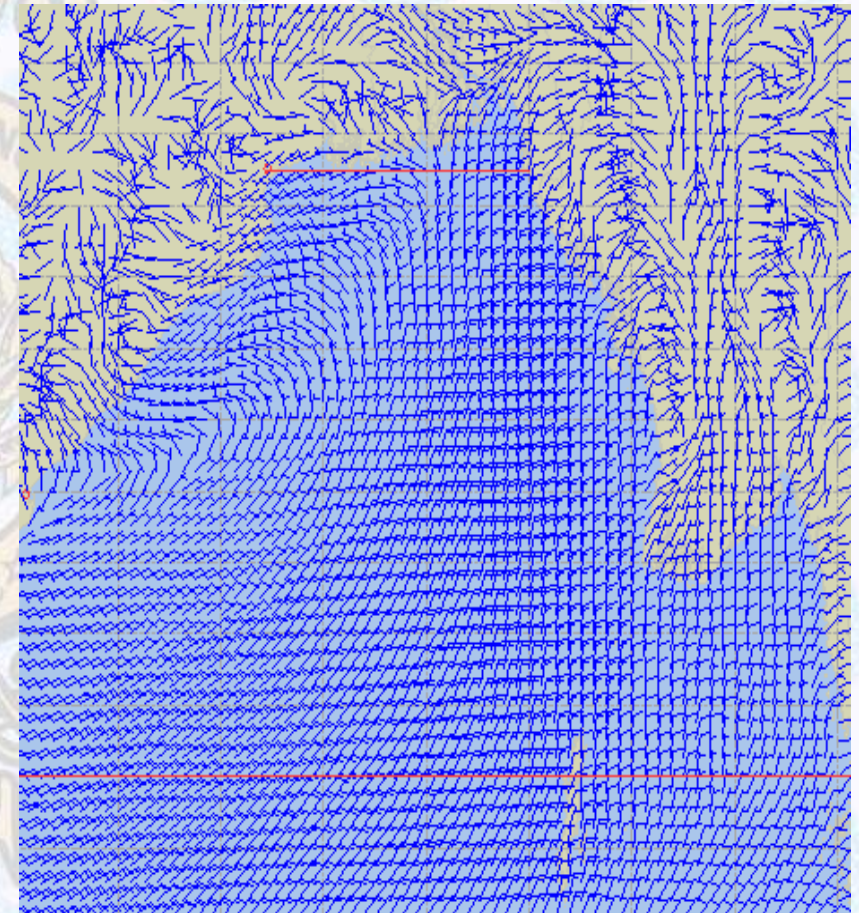
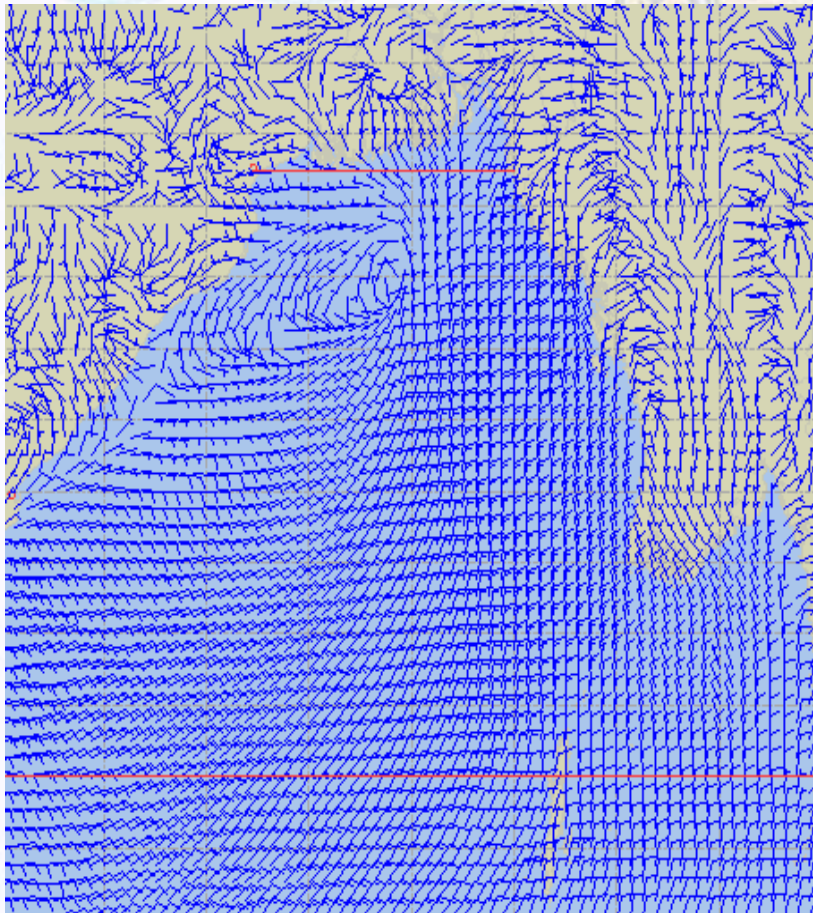
60 Knots



Surface Wind Forecast – 19 & 20 Nov- 2020

19 Nov 20 Thursday

20 Nov 20 Friday



Legend:



Calm
Winds



5 Knots



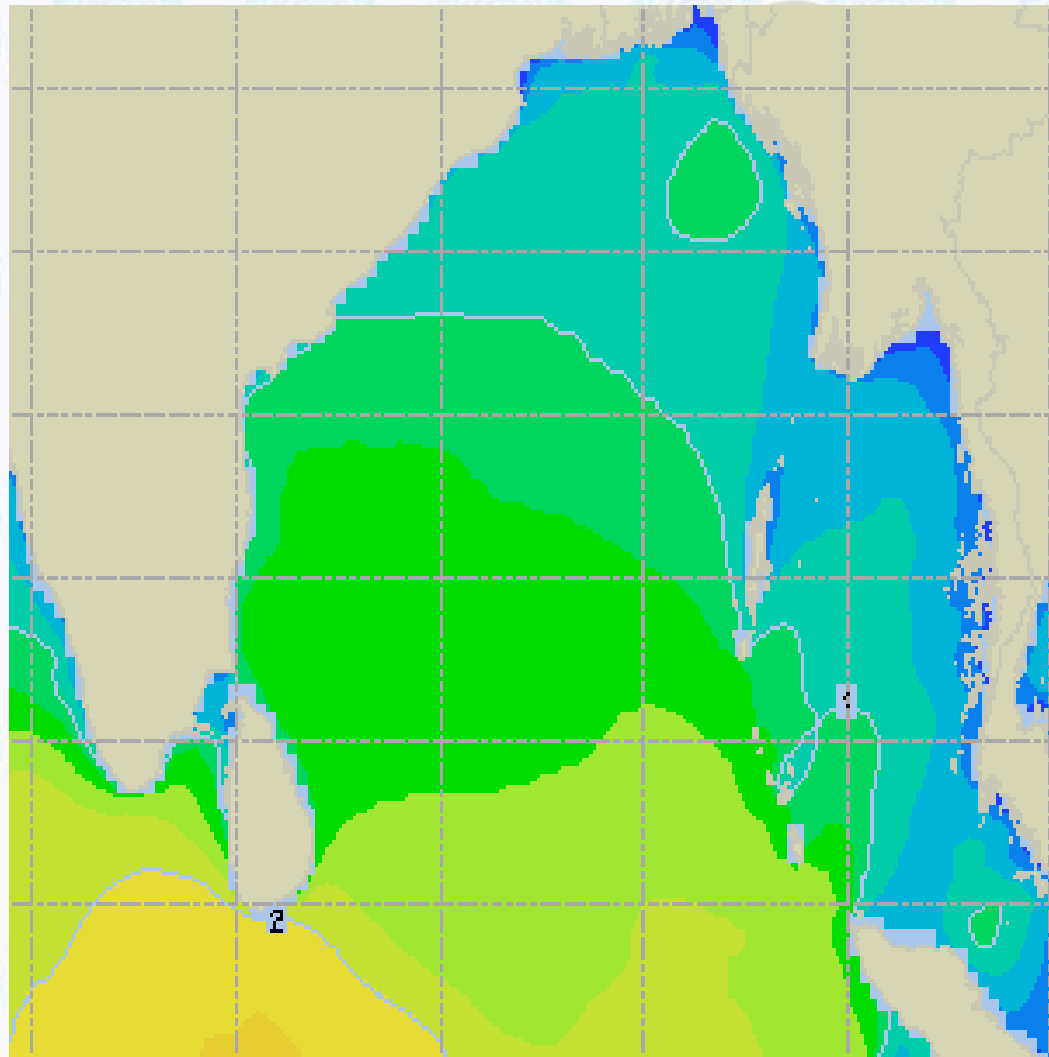
10 Knots



60 Knots



Sea State Forecast – 18 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

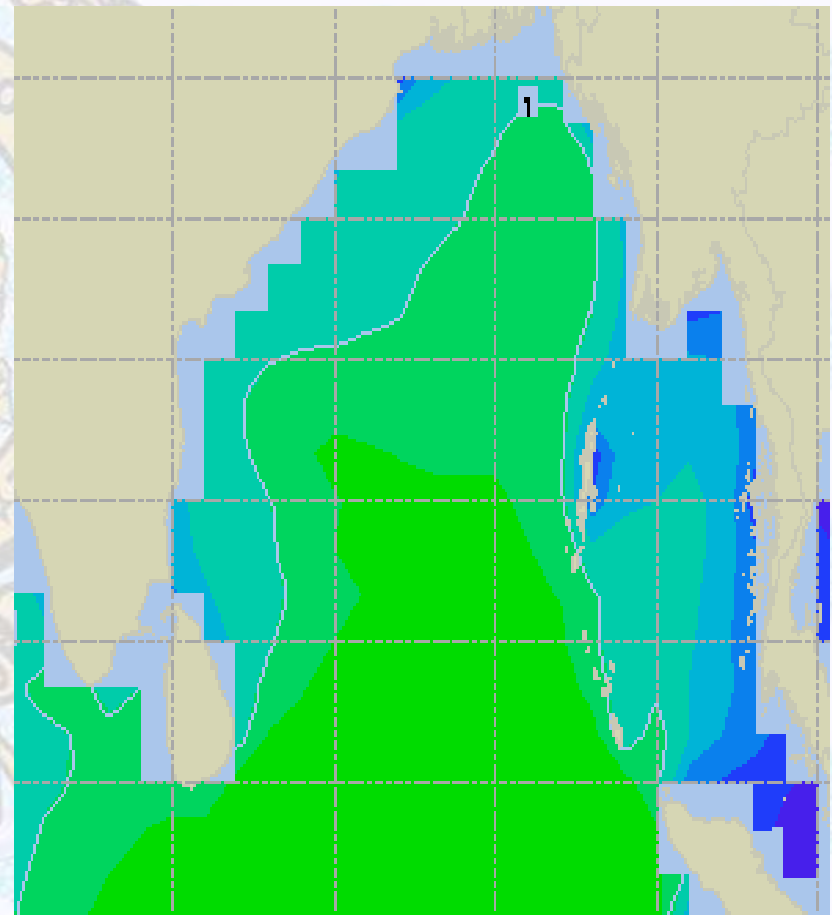
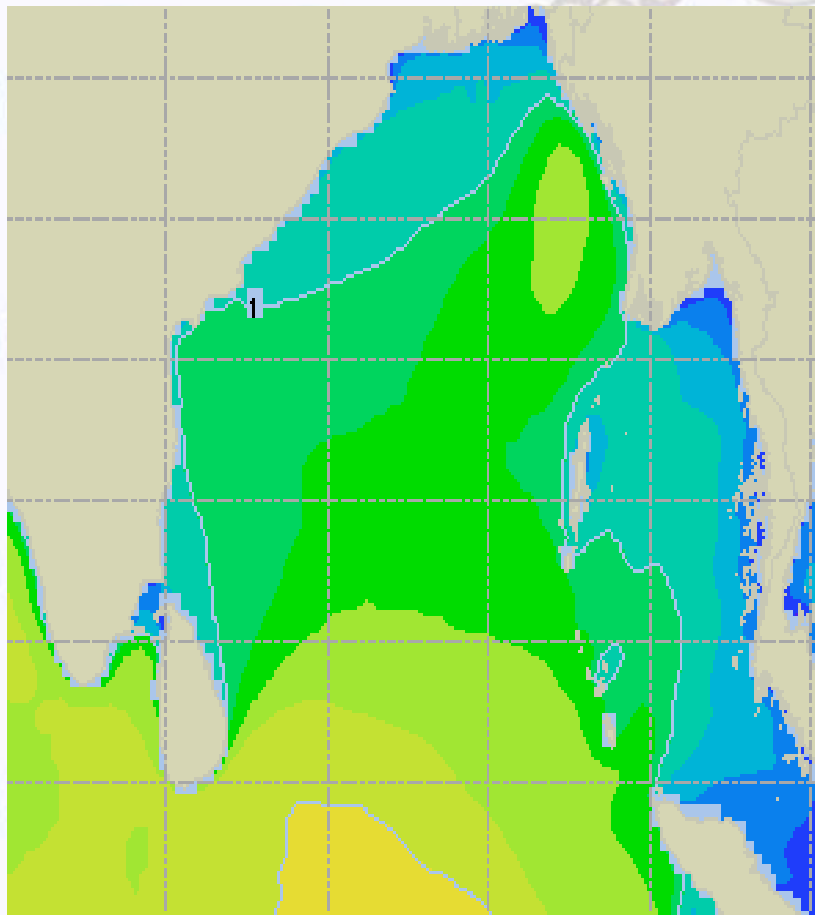




Sea State Forecast – 19 & 20 Nov- 2020

19 Nov 20 Thursday

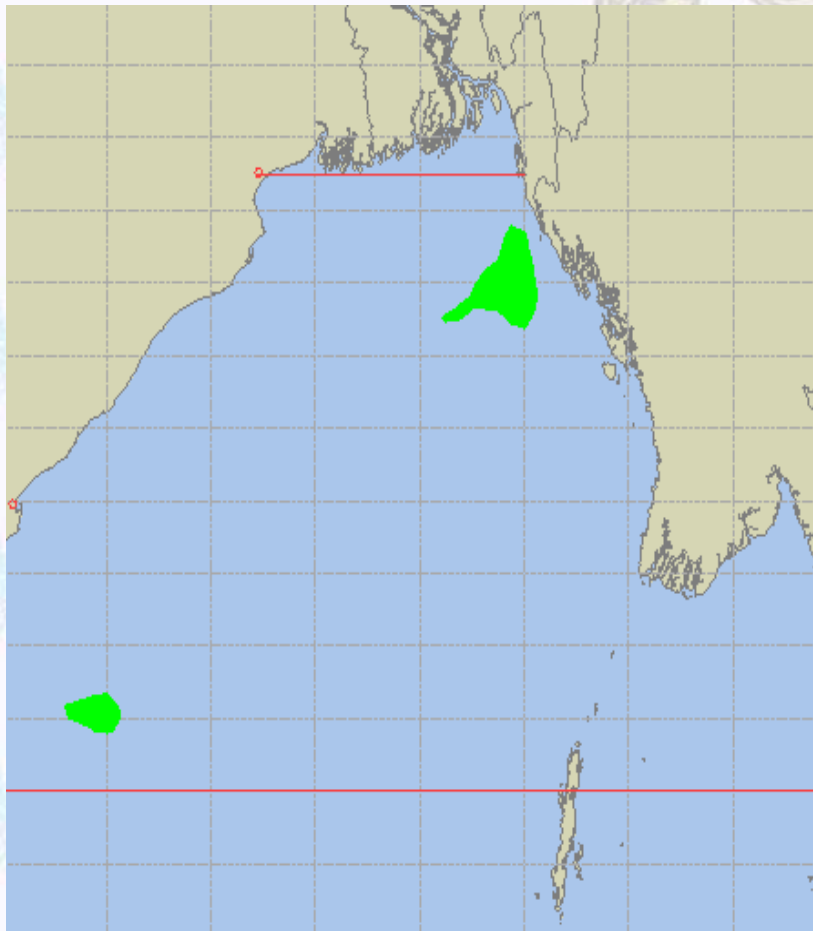
20 Nov 20 Friday



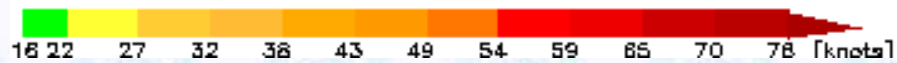
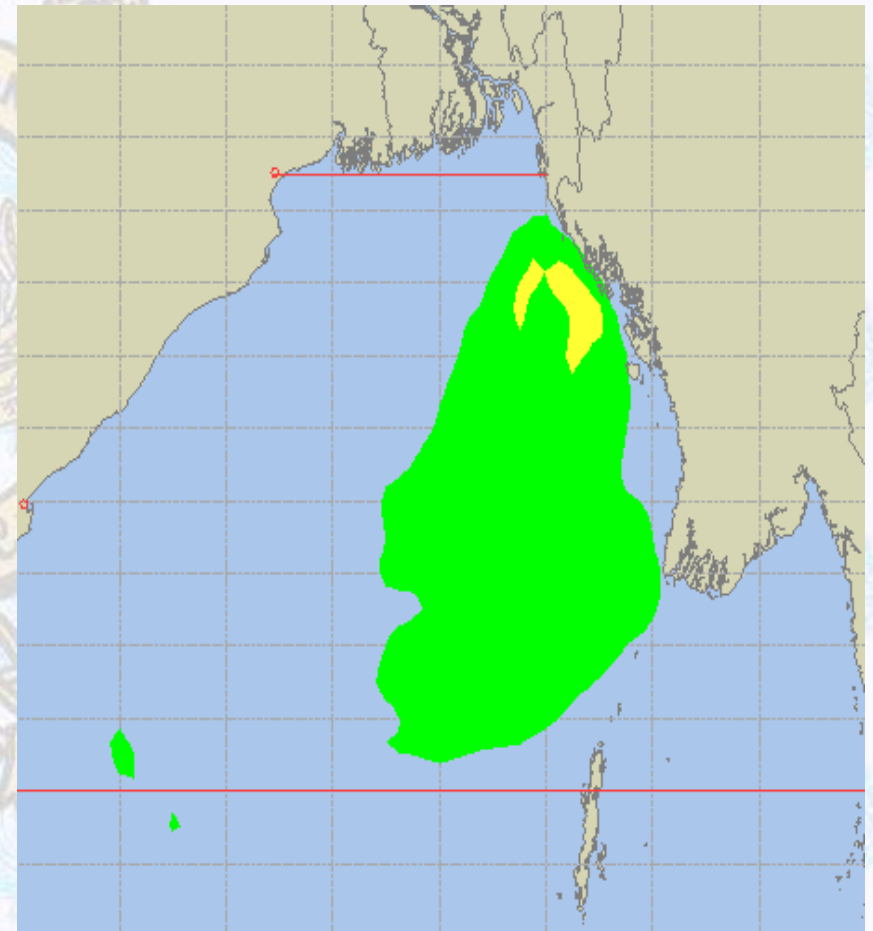


Peak Gusting Possibilities— 18 & 19 Nov 2020

18 Nov 20 Wednesday



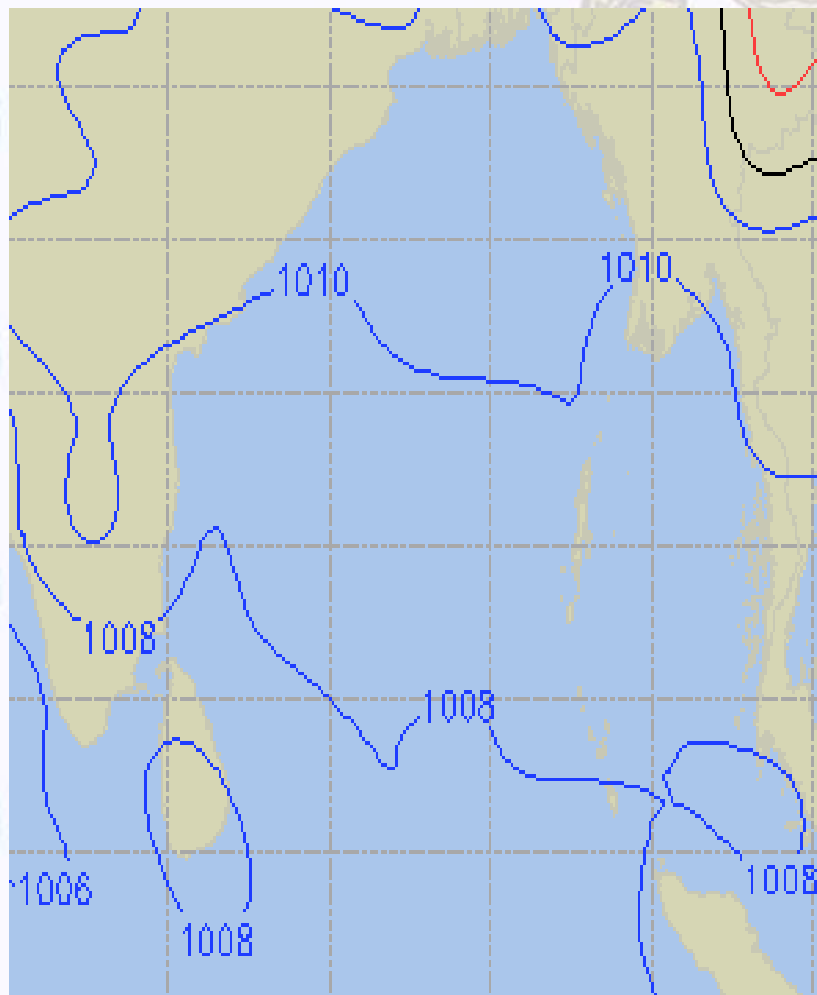
19 Nov 20 Thursday



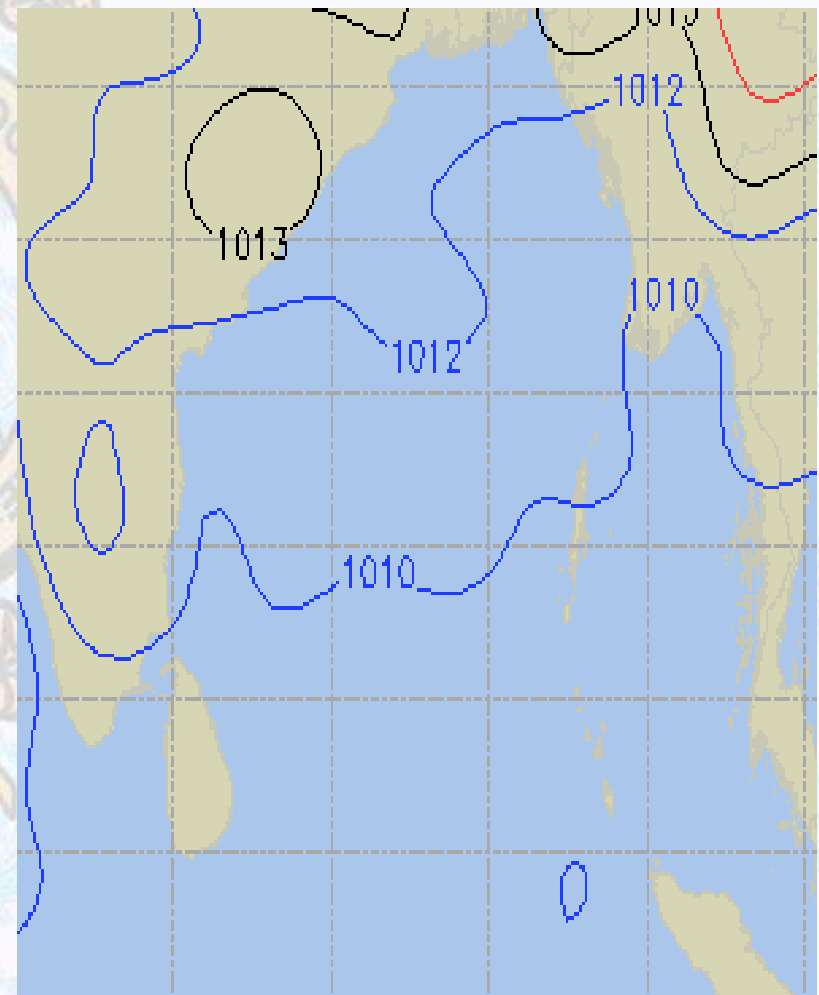


Surface Pressure forecast– 18 & 19 Nov 2020

18 Nov 20 Wednesday



19 Nov 20 Thursday

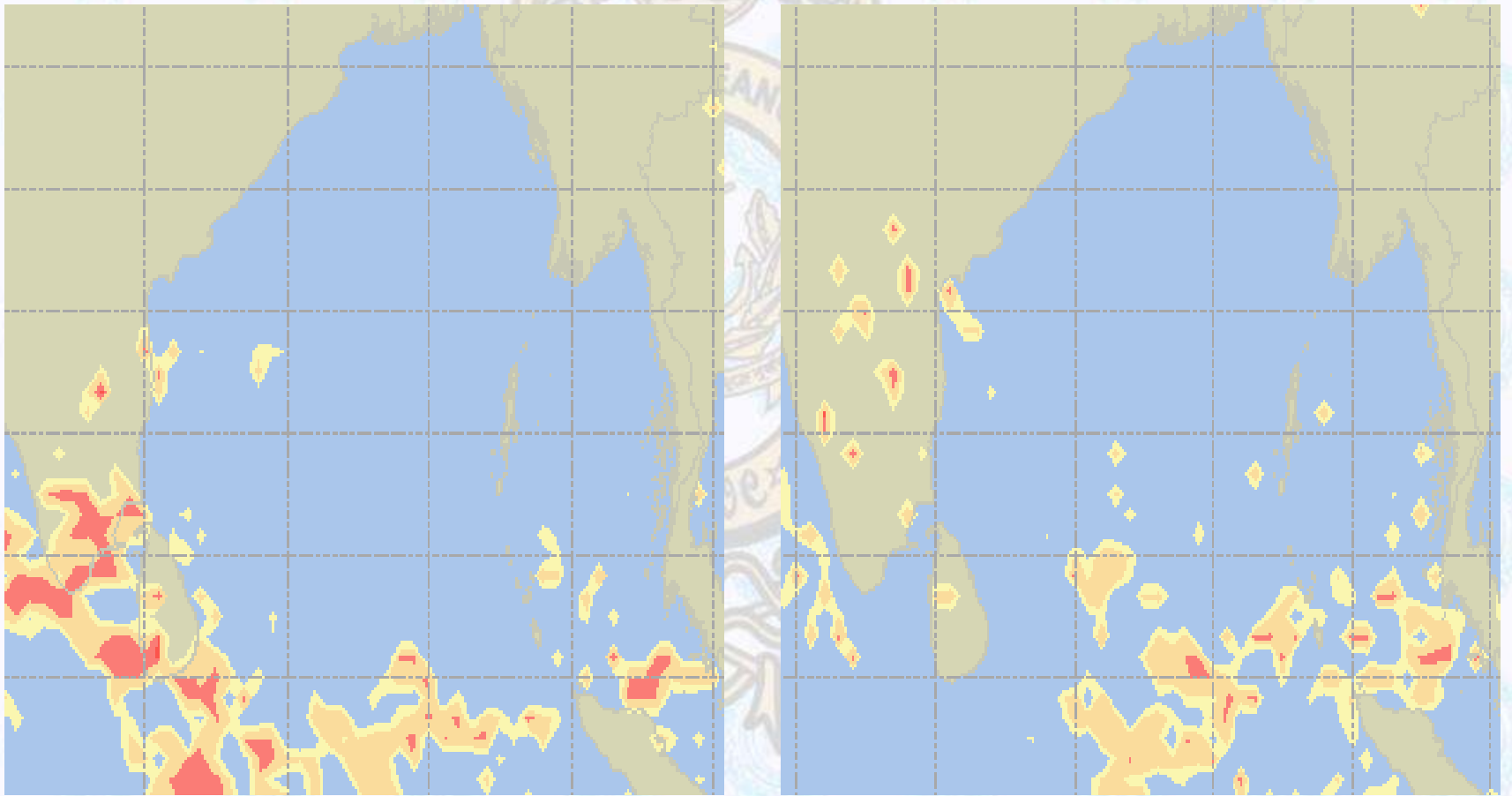




Visibility at Sea Forecast – 18 & 19 Nov 2020

18 Nov 20 Wednesday

19 Nov 20 Thursday



Visibility Scale:



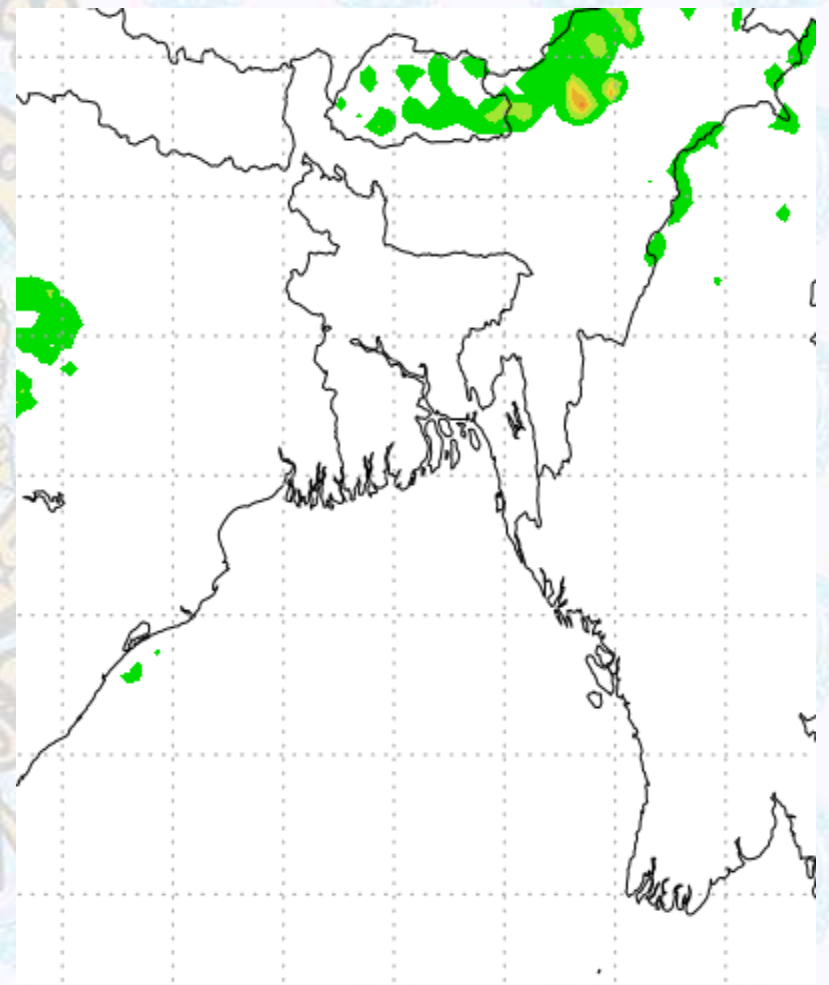
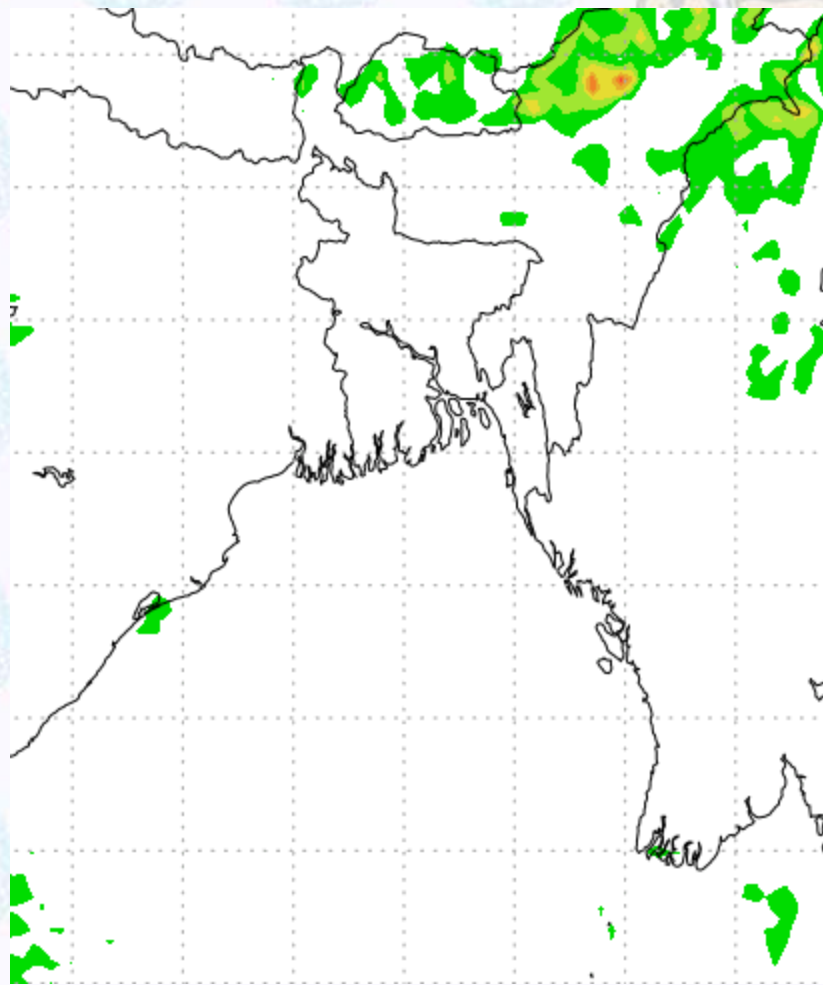
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 18 & 19 Nov 2020

Rain(mm) 19 & 20 Nov 2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

18 Nov 2020	Time	Height		Time	Height		Time	Height
	0227	4.97		0011	3.72		0007	3.25
	0913	0.43		0657	0.58		0640	0.76
	1456	4.43		1231	3.20		1229	2.81
	2117	0.56		1908	0.62		1839	0.75
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