



WEATHER FORECAST FOR BN

10 - 13 DEC 2020



WEATHER FORECAST – DHAKA

10.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 18	25 / 18	23 / 18	22 / 18
Wind	5 km/h NNW	6 km/h NW	3 km/h WNW	1 km/h NW
Humidity	67%	63%	74%	77%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	59%	16%	8%	2%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 30 AM			
Sunset	17: 11 PM			

Conditions

Pressure : 1014 hpa

Visibility : 1.93 km

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



WEATHER FORECAST – CHATTOGRAM

10.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 18	25 / 19	23 / 20	21 / 19
Wind	10 km/h NW	8 km/h WNW	6 km/h NW	6 km/h N
Humidity	62%	67%	83%	87%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	18%	19	2%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 21 AM 17: 09 PM			

Conditions

Pressure : 1013 hpa

Visibility : 3:54 Km

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



WEATHER FORECAST – KHULNA

10.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 17	26 / 17	21 / 17	20 / 17
Wind	6 km/h NNW	6 km/h NW	1 km/h ENE	1 km/h SSE
Humidity	57%	63%	79%	87%
Chance of Precip.	1%	1%	4%	5%
Cloud Cover	7%	6%	3%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 31 AM 17: 17 PM			

Conditions

Pressure : 1015 hpa

Visibility : 14.48 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	11 Dec 2020	12 Dec 2020	13 Dec 2020
Temperature (C)	27° C/ 18° C	27° C/ 19° C	27° C/ 20° C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h31m12s/17h12m24s	6h31m54s/17h12m42s	6h32m42s/17h13m12s
Day Length	10h41m30s	10h40m48s	10h40m30s
Moon Rise/ Set	2:35AM 2:31PM	3:40AM 3:15PM	4:46AM 4:03PM
Moon Phase/ illu	Waning Crescent, 13%	Waning Crescent, 5%	Waning Crescent, 1%
Nautical Twilight	05:37, 18:00	05:37, 18:05	05:39, 18:06
Civil Twilight	06:04, 17:32	06:06, 17:37	06:07, 17:38
Humidity	D : 73% N : 81%	D : 72% N : 81%	D : 72% N : 82%
Barometer (mb)	1014	1013	1013
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	5 Km/h W	6 Km/h W	8 Km/h WNW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	11 Dec 2020	12 Dec 2020	13 Dec 2020
Temperature (C)	27 °C/ 17 °C	27 °C/ 17 °C	27 °C/ 18 °C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h22m30s/17h09m12s	6h23m00s/17h10m06s	6h23m48s/17h10m30s
Day Length	10h47m18s	10h47m06s	10h46m42s
Moon Rise/ Set	2:35AM 2:31PM	3:40AM 3:15PM	4:38AM 3:59PM
Moon Phase/ illu	Waning Crescent, 13%	Waning Crescent, 5%	Waning Crescent, 1%
NauticalTwilight	05:28 17:57	05:30 18:02	05:30 18:02
Civil Twilight	05:56, 17:29	05:58, 17:34	05:58, 17:35
Humidity	D : 75% N : 91%	D : 74% N : 92%	D : 74% N : 90%
Barometer (mb)	1013	1013	1012
Visibility	Moderate	Moderate	Moderate
Precip Chance	10%	5%	5%
Wind (mph)	8 Km/h NNW	7 Km/h NNW	8 Km/h NNW

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



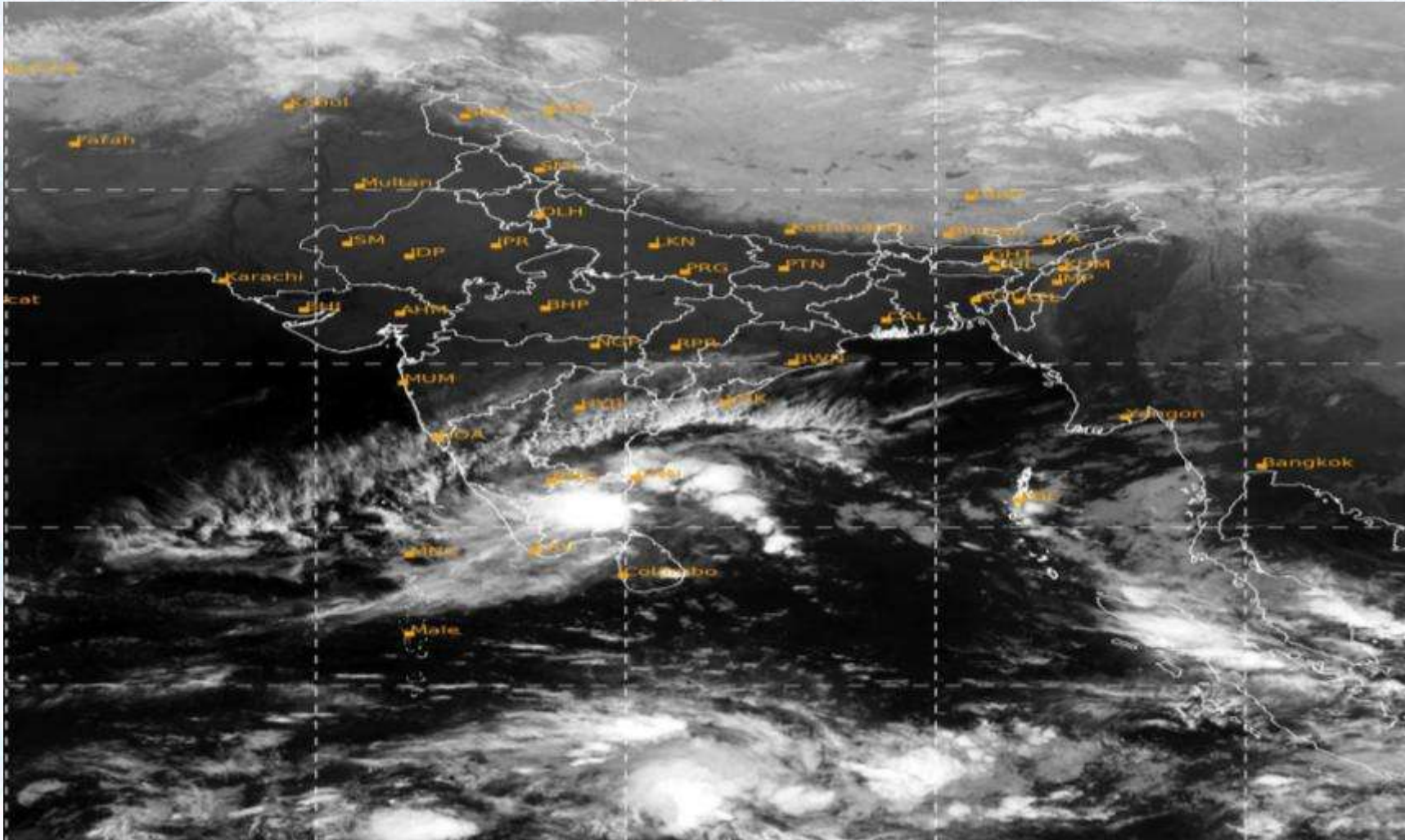
GENERAL WEATHER FORECAST – KHULNA

Description	11 Dec 2020	12 Dec 2020	13 Dec 2020
Temperature(C)	27°C/ 17°C	28°C/ 18°C	28°C/ 19°C
Summary	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h32m30s/17h17m48s	6h33m12s/17h18m12s	6h34m00s/17h18m36s
Day Length	10h45m18s	10h45m00s	10h44m36s
Moon Rise/Set	2:35AM 2:31PM	3:40AM 3:15PM	4:48AM 4:08PM
Moon Phase/illu	Waning Crescent, 13%	Waning Crescent, 5%	Waning Crescent, 1%
Nautical Twilight	05:40, 18:05	05:40, 18:10	05:40, 18:11
Civil Twilight	06:07, 17:36	06:08, 17:42	06:08, 17:43
Humidity	D : 70% N : 82%	D : 68% N : 80%	D : 68% N : 81%
Barometer (mb)	1014	1013	1013
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	6 km/h WNW	9 km/h WNW	10 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

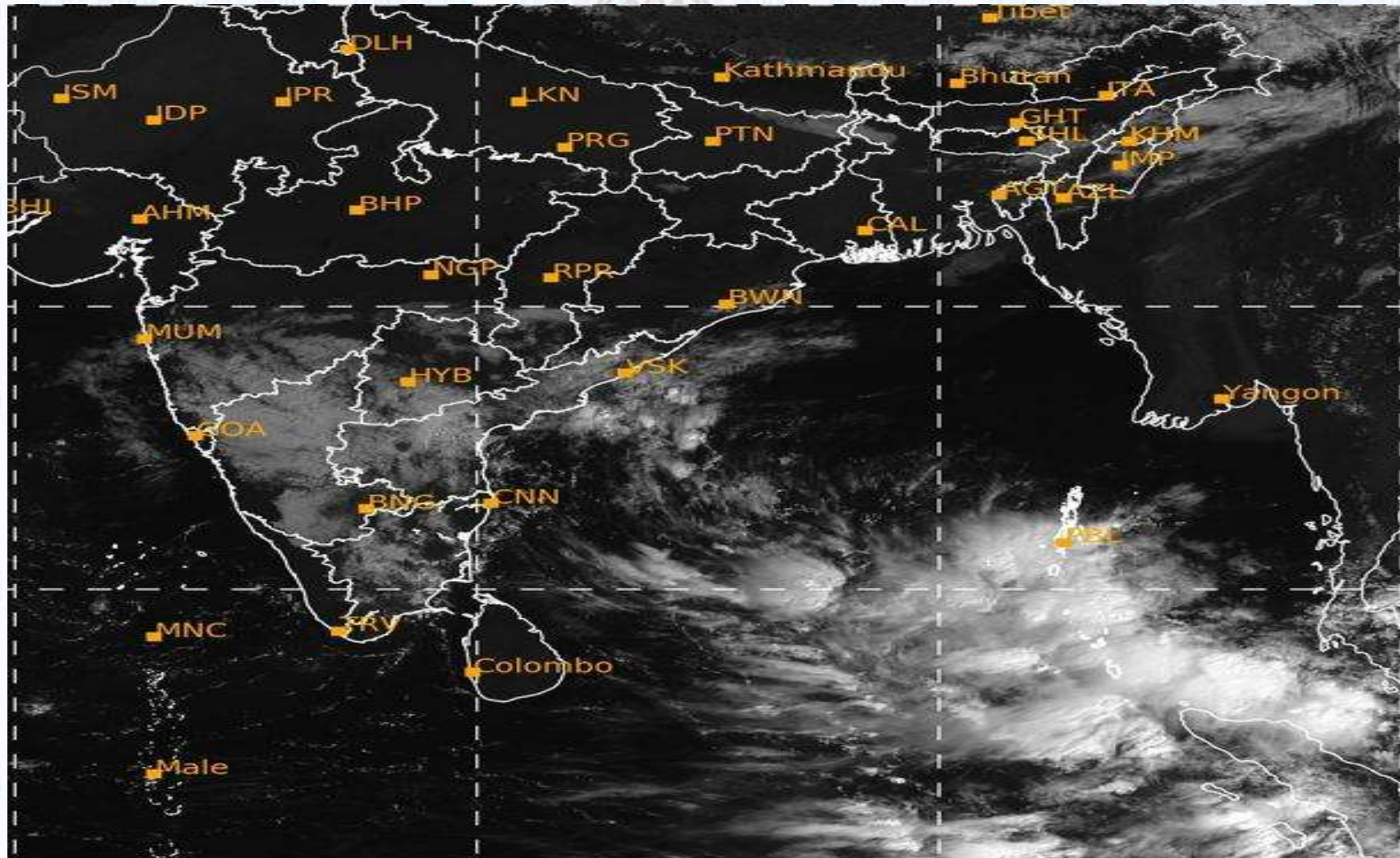


10/12/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



10/12/2020, 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 10.12.2020)

Part One	NO STORM WARNING.	
Part Two	TROUGH OF LOW LIES OVER NORTH BAY.	
Part Three	Weather	SEASONAL OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/HAZE.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 10,0000 UTC. CHATTOGRAM =1014 HPA



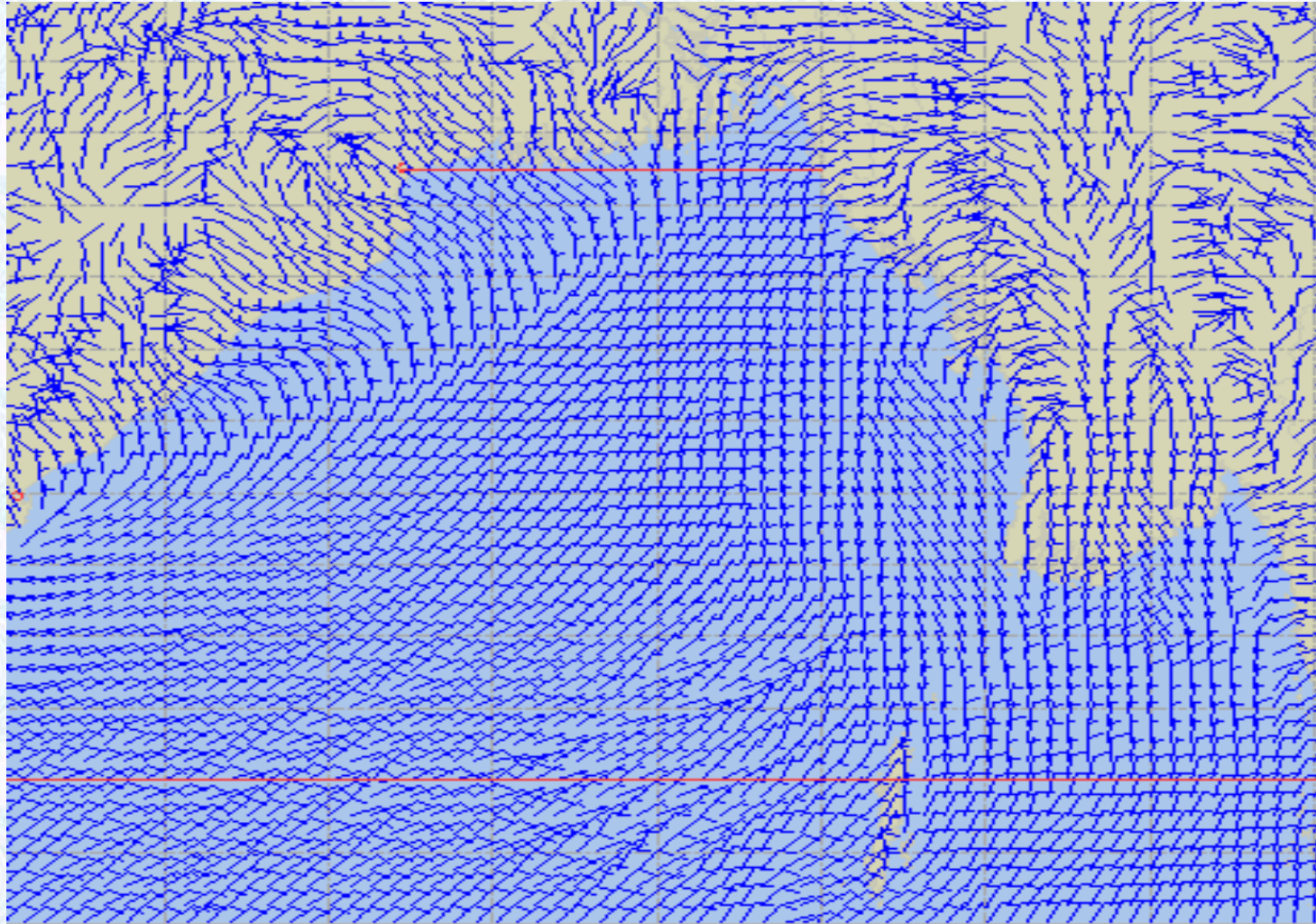
Inland River Port Warning **(VALID TILL 06 PM OF 10.12.2020)**

PREVAILING MODERATE TO THICK FOG OVER THE RIVERBASINS OF THE COUNTRY LIKELY TO CONTINUE DURING NEXT 03-04 HRS WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



Surface Wind Forecast- 11 Dec - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



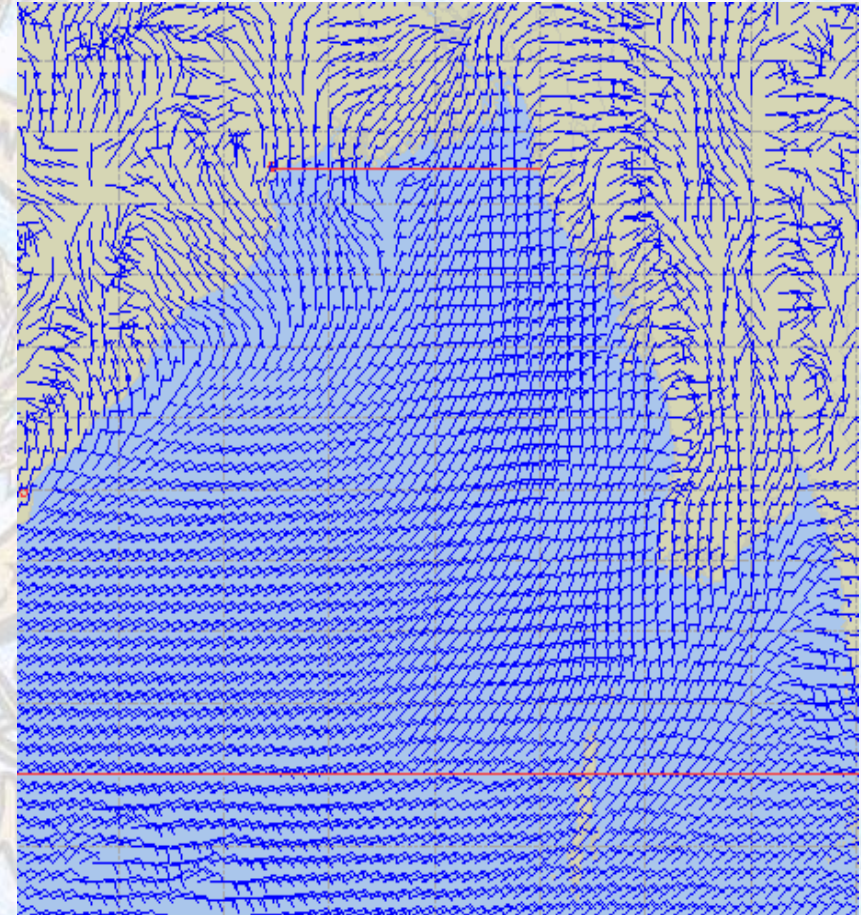
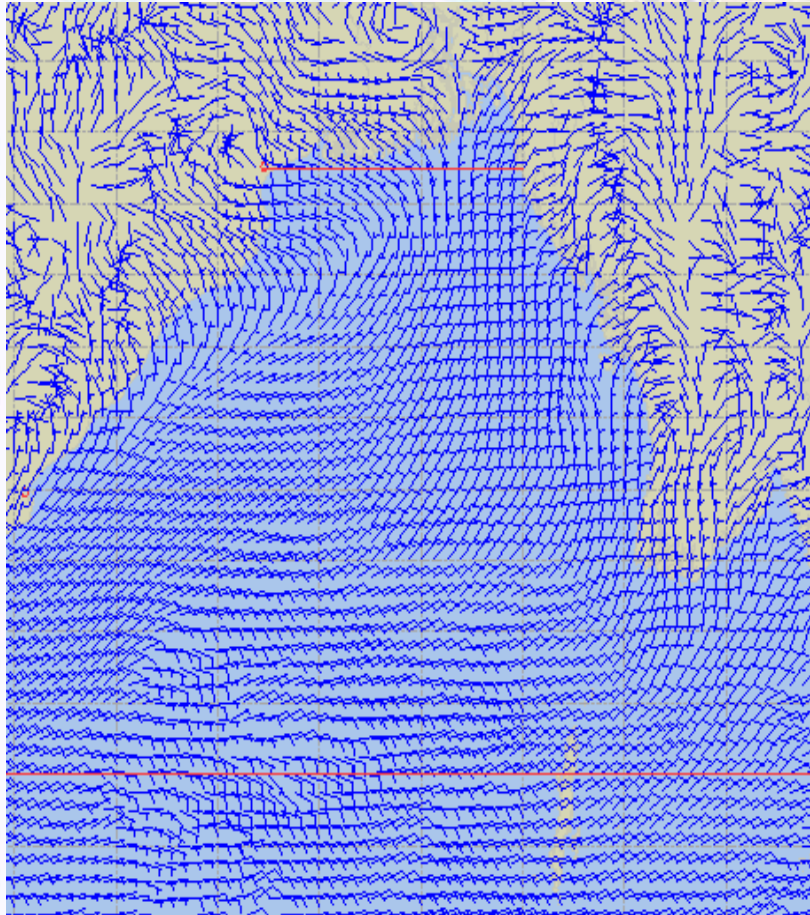
60 Knots



Surface Wind Forecast – 12 & 13 Dec - 2020

12 Dec 20 Saturday

13 Dec 20 Sunday



Legend:



Calm
Winds



5 Knots



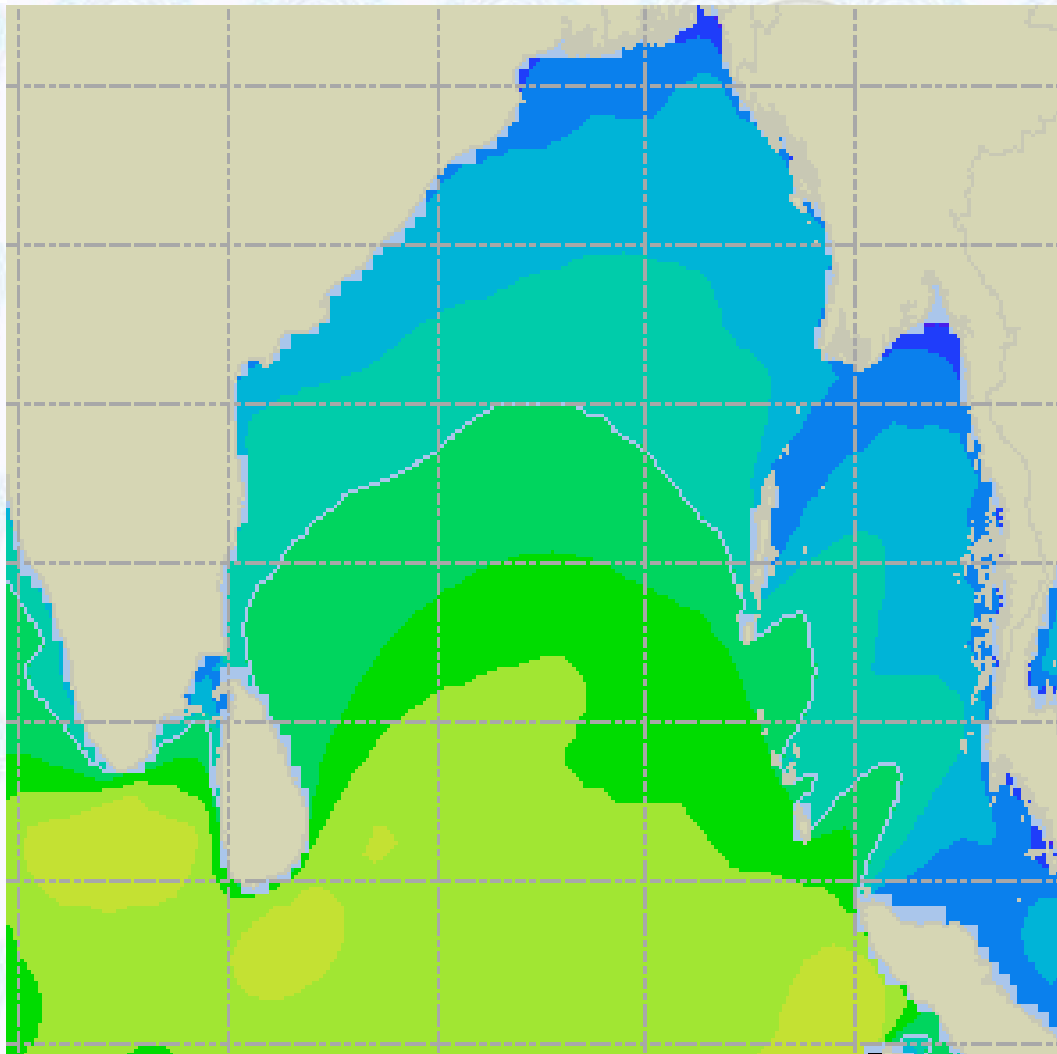
10 Knots



60 Knots



Sea State Forecast – 11 Dec - 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

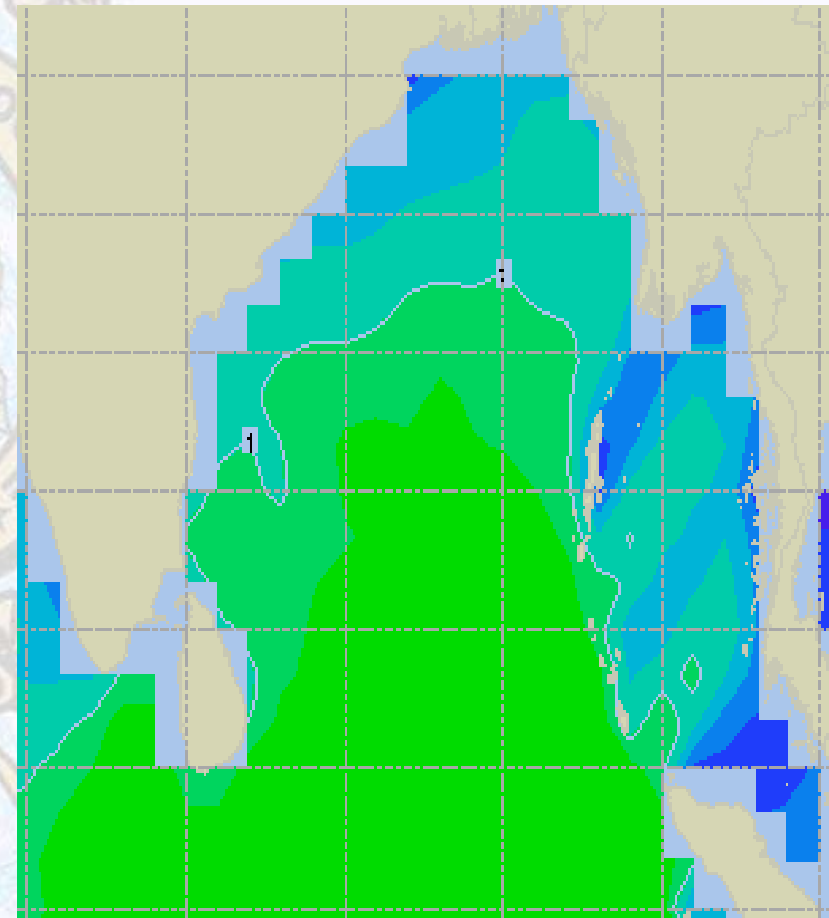
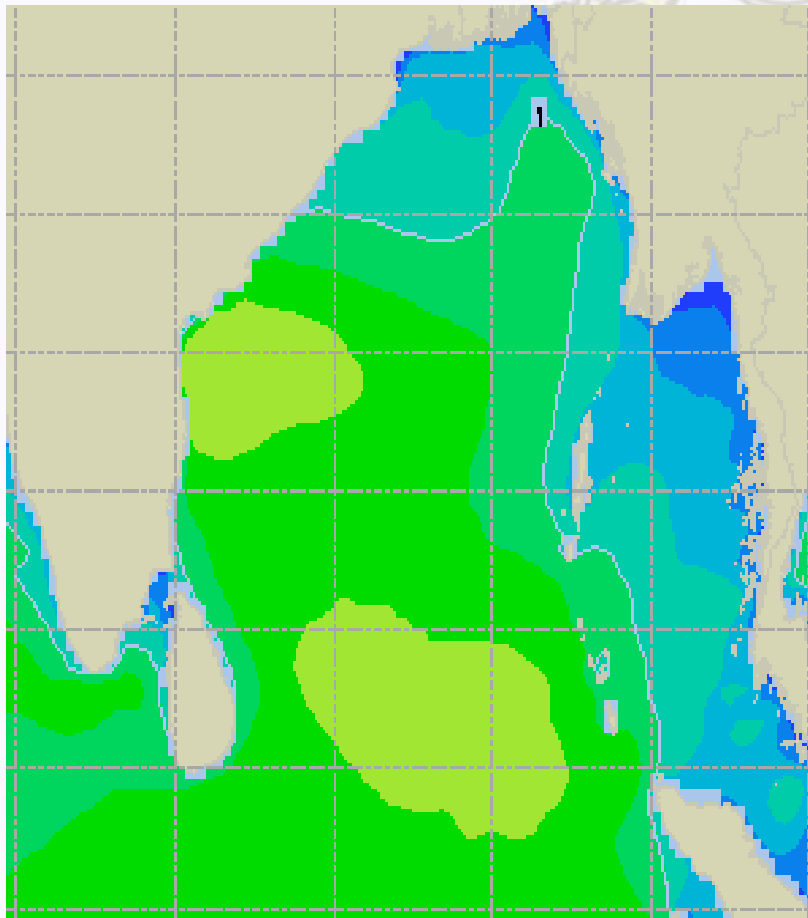




Sea State Forecast – 12 & 13 Dec - 2020

12 Dec 20 Saturday

13 Dec 20 Sunday

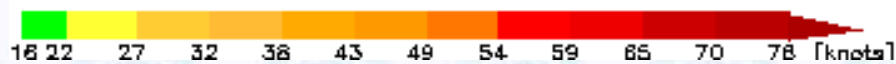
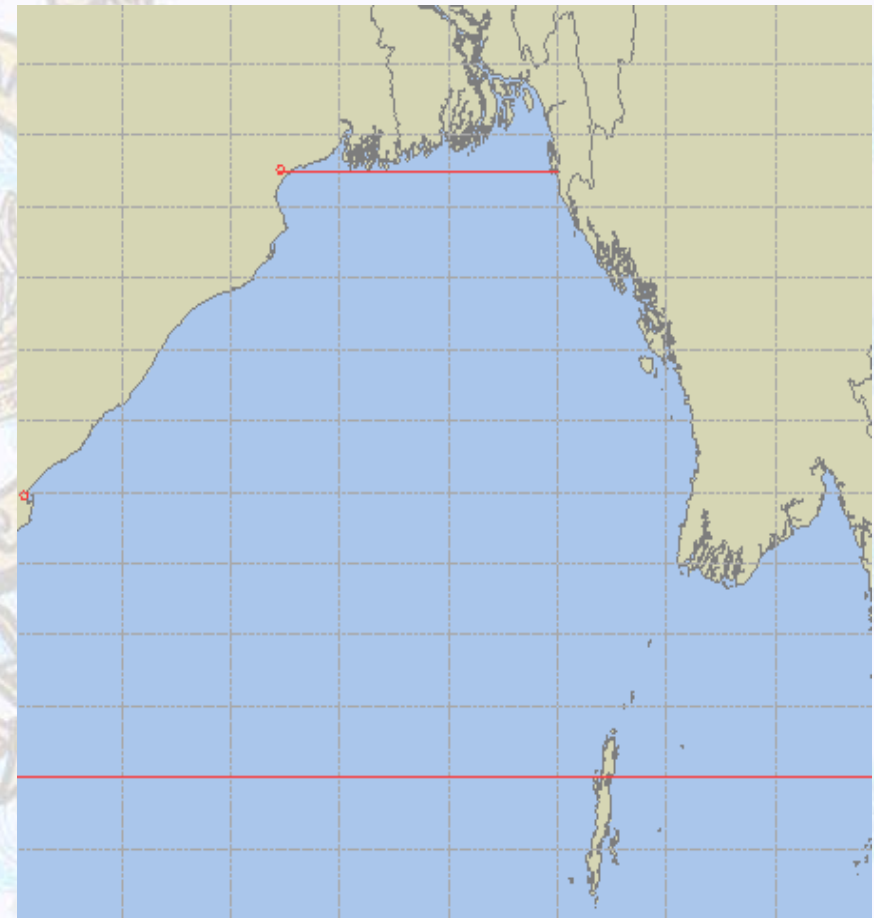
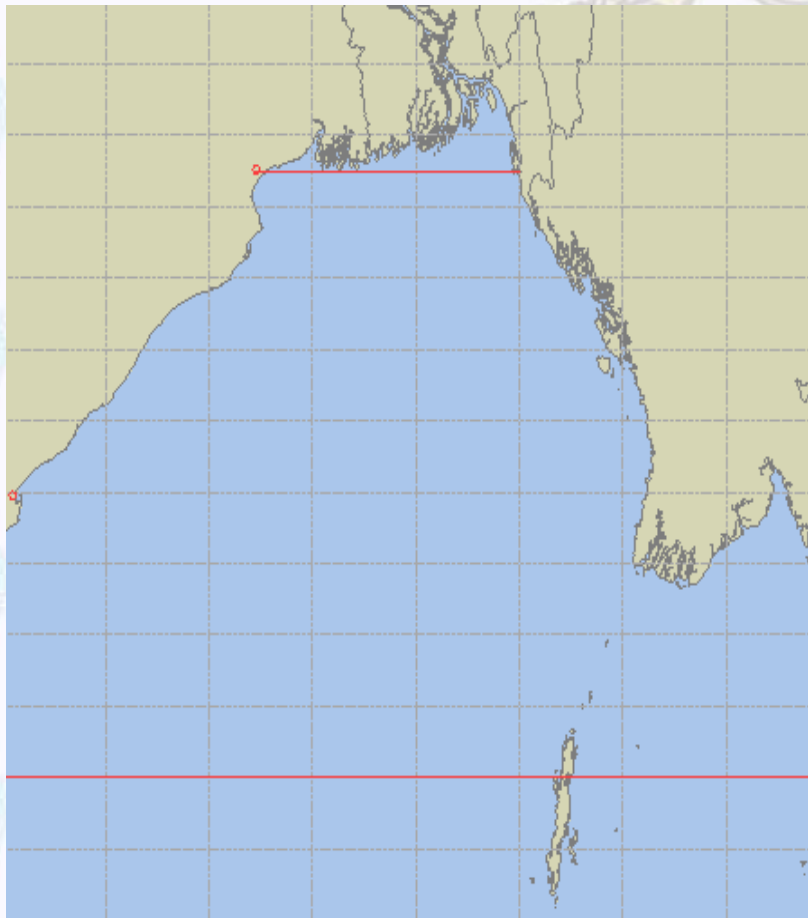




Peak Gusting Possibilities– 11 & 12 Dec 2020

11 Dec 20 Friday

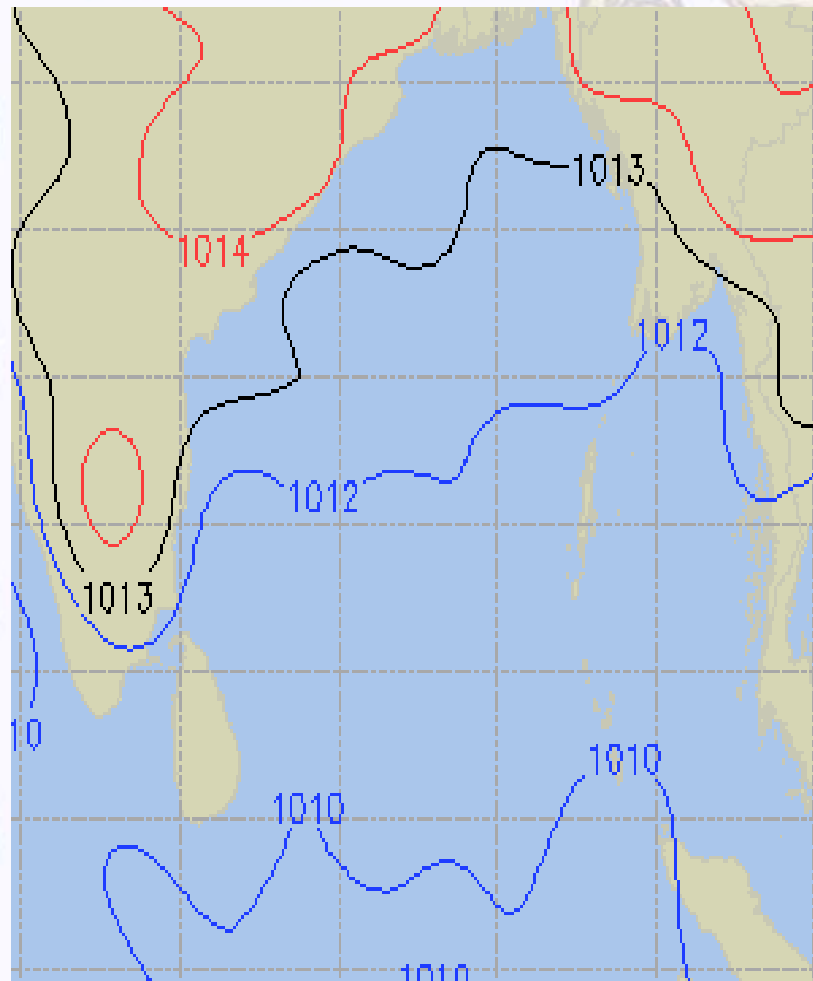
12 Dec 20 Saturday



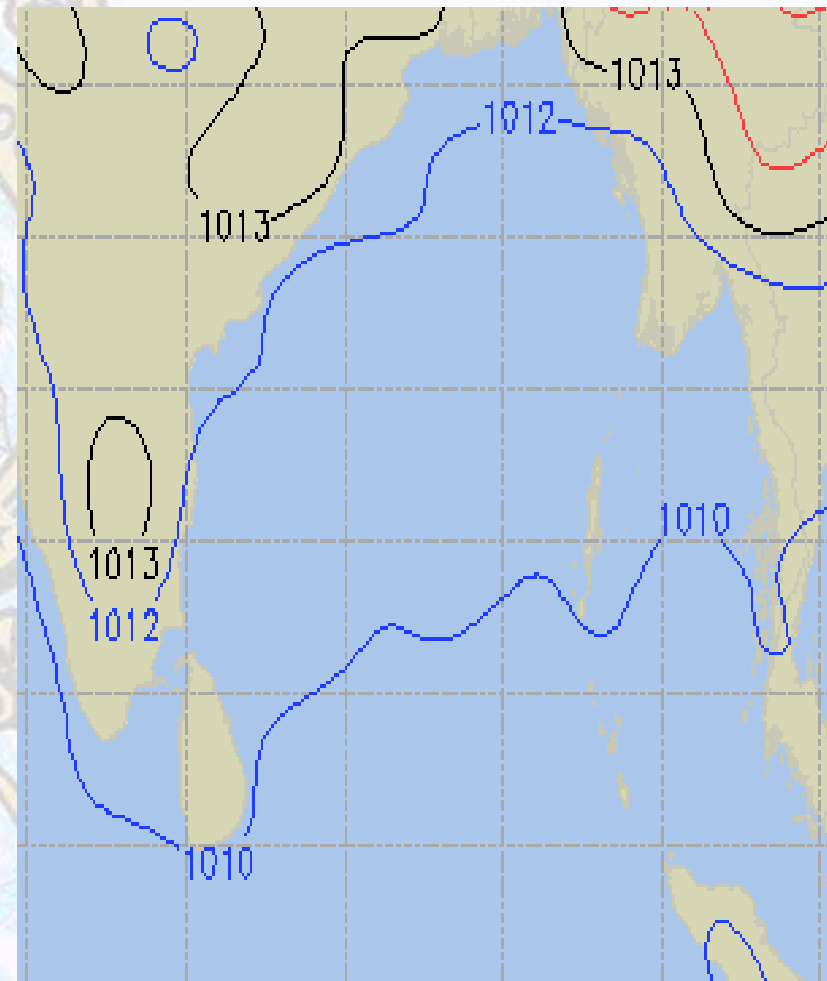


Surface Pressure forecast– 11 & 12 Dec 2020

11 Dec 20 Friday



12 Dec 20 Saturday

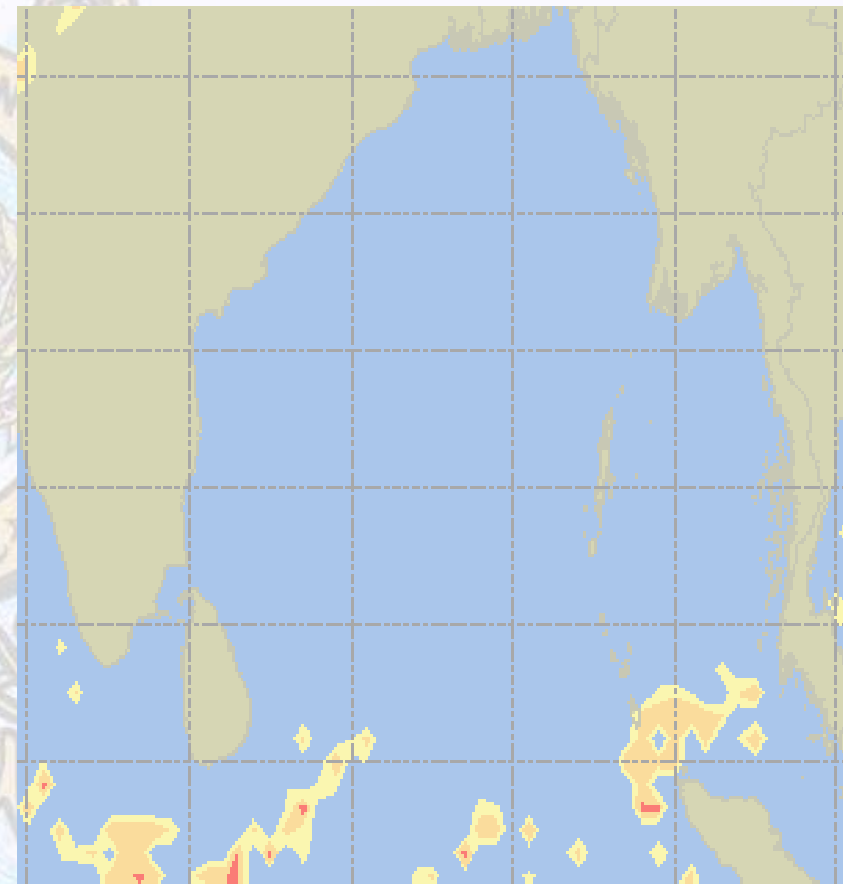
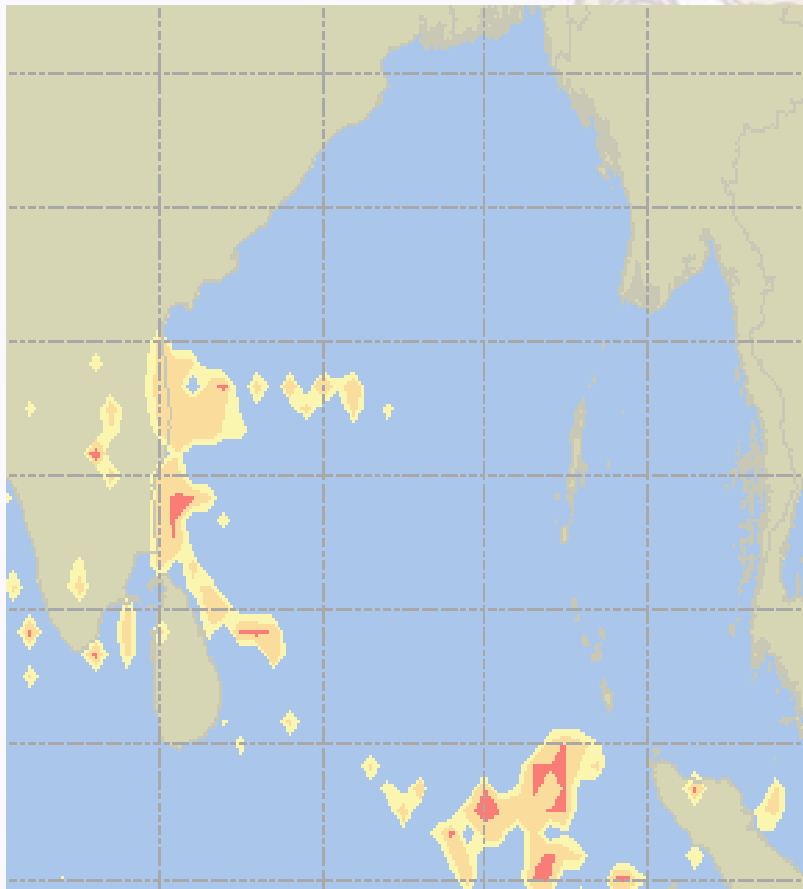




Visibility at Sea Forecast – 11 & 12 Dec 2020

11 Dec 20 Friday

12 Dec 20 Saturday



Visibility Scale:



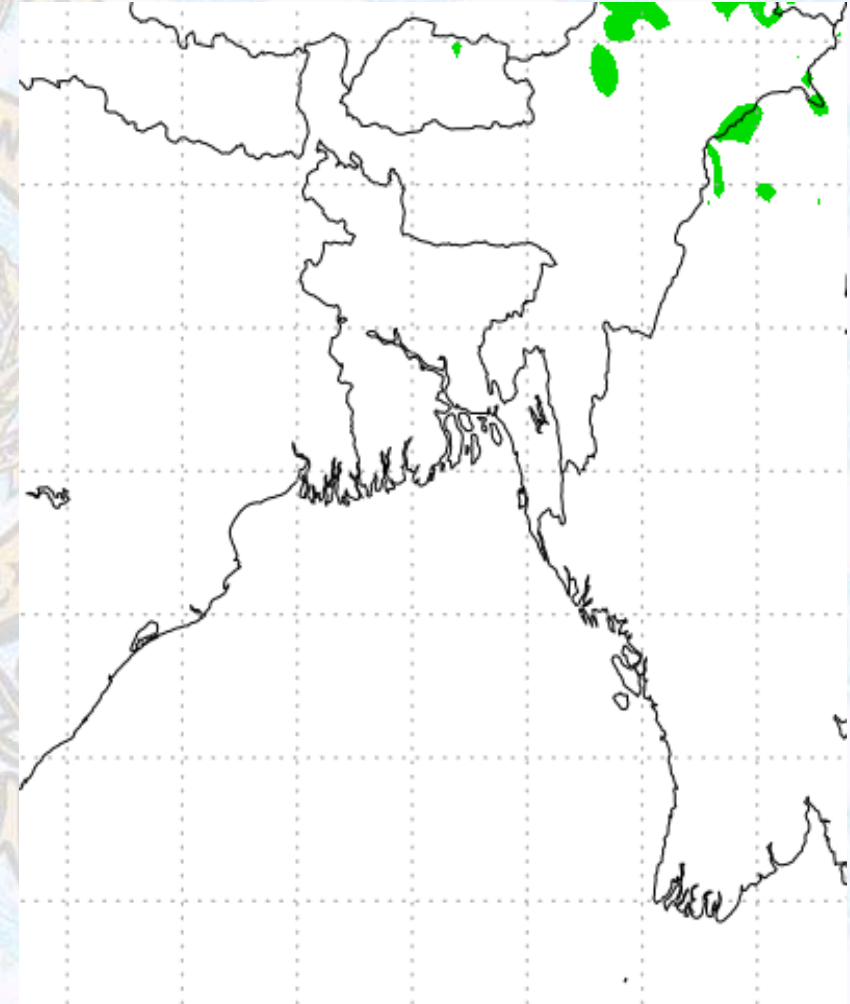
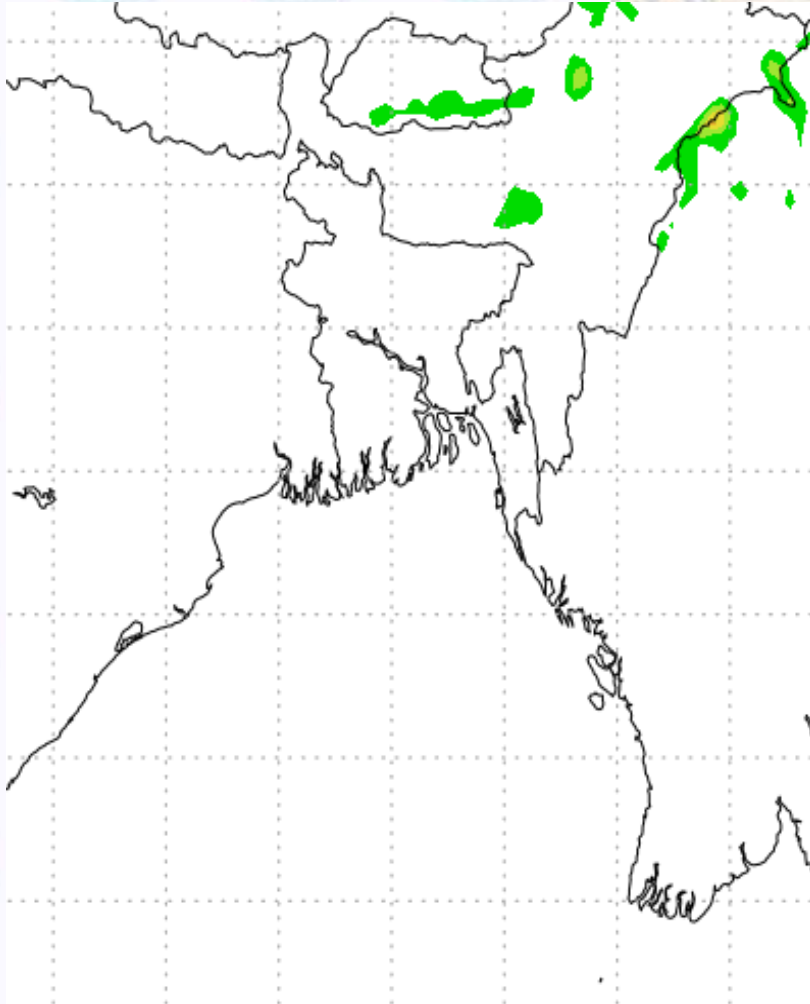
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 11 & 12 Dec2020

Rain(mm) 12 & 13 Dec2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

11 Dec 2020	Time	Height		Time	Height		Time	Height
	0409	0.93		0138	0.90		0124	1.10
	0954	3.91		0724	2.84		0720	2.56
	1628	0.60		1401	0.74		1346	0.75
	2233	4.40		2001	3.20		2008	2.88
12 Dec 2020	Time	Height		Time	Height		Time	Height
	0511	0.71		0243	0.75		0232	0.95
	1055	4.01		0822	2.97		0824	2.63
	1724	0.48		1459	0.60		1443	0.64
	2323	4.58		2053	3.43		2101	3.04
13 Dec 2020	Time	Height		Time	Height		Time	Height
	0605	0.53		0339	0.60		0329	0.81
	1148	4.11		0914	3.09		0920	2.70
	1813	0.41		1553	0.49		1535	0.55
	-	-		2141	3.60		2149	3.13