



WEATHER FORECAST FOR BN

17 - 20 DEC 2020



WEATHER FORECAST – DHAKA

17.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 17	24 / 16	21 / 16	20 / 16
Wind	10 km/h NW	11 km/h NW	4 km/h WNW	4 km/h NW
Humidity	60%	60%	74%	78%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 34 AM 17: 14 PM			

Conditions

Pressure : 1016 hpa

Visibility : 2.25 km

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



WEATHER FORECAST – CHATTOGRAM

17.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 17	26 / 18	23 / 18	21 / 17
Wind	13 km/h NNW	12 km/h NW	11 km/h NNW	11 km/h N
Humidity	55%	59%	75%	80%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	5%	10%	2%	12%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 26 AM			
Sunset	17: 12 PM			

Conditions

Pressure : 1015 hpa

Visibility : 5:54 Km

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



WEATHER FORECAST – KHULNA

17.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 15	25 / 15	20 / 16	18 / 16
Wind	12 km/h NNW	11 km/h NNW	3 km/h NNW	3 km/h N
Humidity	54%	54%	75%	83%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	3%	12%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 36 AM 17: 20 PM			

Conditions

Pressure : 1015 hpa

Visibility : 8.05 Km

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



GENERAL WEATHER FORECAST – DHAKA

Description	18 Dec 2020	19 Dec 2020	20 Dec 2020
Temperature (C)	23 °C / 12 °C	22 °C / 13 °C	23 °C / 14 °C
Summary	Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h35m24s/17h15m12s	6h35m54s/17h15m42s	6h36m24s/17h16m12s
Day Length	10h39m48s	10h39m48s	10h39m48s
Moon Rise/ Set	9:53AM 8:59PM	10:36AM 9:57PM	11:15AM 10:52PM
Moon Phase/ illu	Waxing Crescent, 20%	Waxing Crescent, 30%	Waxing Crescent, 39%
Nautical Twilight	05:41, 18:07	05:42, 18:08	05:43, 18:09
Civil Twilight	06:09, 17:39	06:10, 17:40	06:11, 17:40
Humidity	D : 60% N : 74%	D : 63% N : 78%	D : 73% N : 83%
Barometer (mb)	1015	1016	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	9 Km/h NW	9 Km/h NW	8 Km/h NW

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



GENERAL WEATHER FORECAST– CHATTOGRAM

Description	18 Dec 2020	19 Dec 2020	20 Dec 2020
Temperature (C)	26 °C/ 14 °C	24 °C/ 13 °C	24 °C/ 13 °C
Summary	Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h26m30s/17h12m42s	6h27m00s/17h13m12s	6h27m30s/17h13m42s
Day Length	10h46m12s	10h46m12s	10h46m12s
Moon Rise/ Set	9:53AM 8:59PM	10:28AM 9:53PM	11:08AM 10:47PM
Moon Phase/ illu	Waxing Crescent, 20%	Waxing Crescent, 30%	Waxing Crescent, 39%
NauticalTwilight	05:33 18:04	05:34 18:05	05:34 18:05
Civil Twilight	06:01, 17:36	06:02, 17:37	06:02, 17:38
Humidity	D : 63% N : 78%	D : 61% N : 81%	D : 68% N : 87%
Barometer (mb)	1015	1015	1015
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	12 Km/h N	11 Km/h NNW	9 Km/h NNW

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



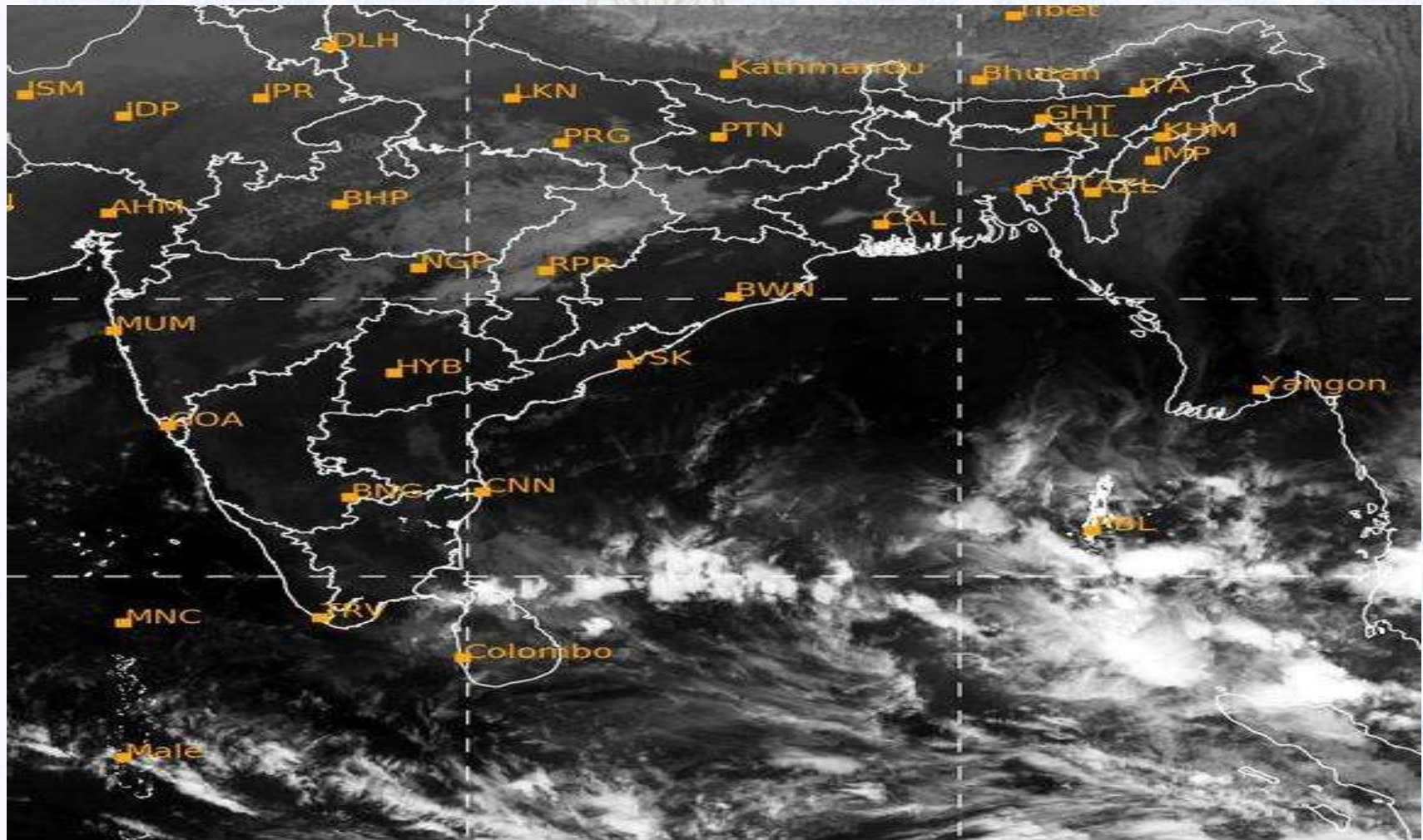
GENERAL WEATHER FORECAST – KHULNA

Description	18 Dec 2020	19 Dec 2020	20 Dec 2020
Temperature(C)	23°C/ 11°C	22°C/ 11°C	23°C/ 12°C
Summary	Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
Sun Rise/Set	6h36m42s/17h20m48s	6h37m12s/17h21m18s	6h37m42s/17h21m48s
Day Length	10h44m06s	10h44m06s	10h44m06s
Moon Rise/Set	9:53AM 8:59PM	10:38AM 10:02PM	11:18AM 10:56PM
Moon Phase/illu	Waxing Crescent, 20%	Waxing Crescent, 30%	Waxing Crescent, 39%
NauticalTwilight	05:43, 18:12	05:44, 18:13	05:44, 18:14
Civil Twilight	06:11, 17:44	06:12, 17:45	06:12, 17:46
Humidity	D : 55% N : 58%	D : 58% N : 76%	D : 67% N : 81%
Barometer (mb)	1015	1016	1016
Visibility	Moderate	Moderate	Moderate
Precip Chance	5%	5%	5%
Wind (mph)	12 km/h NNW	11 km/h NNW	11 km/h NW

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



SATELLITE VIEW OF BAY OF BENGAL

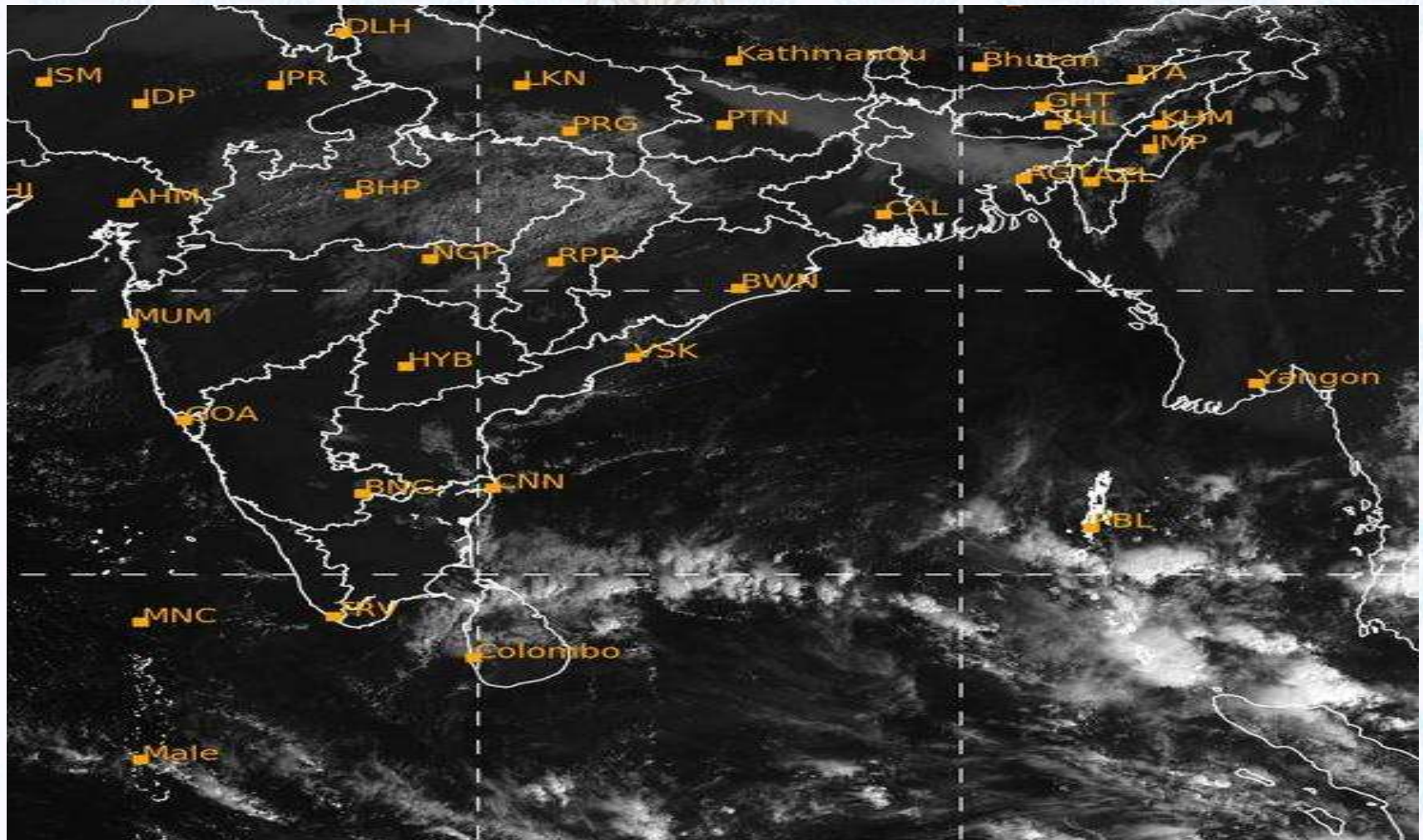


17/12/2020, 11:00 UTC MATSAT-IR

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



SATELLITE VIEW OF BAY OF BENGAL



17/12/2020, 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 17.12.2020)

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 1000 M OR LESS IN MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 17,0000 UTC. CHATTOGRAM =1015 HPA



Inland River Port Warning (VALID TILL 06 PM OF 17.12.2020)

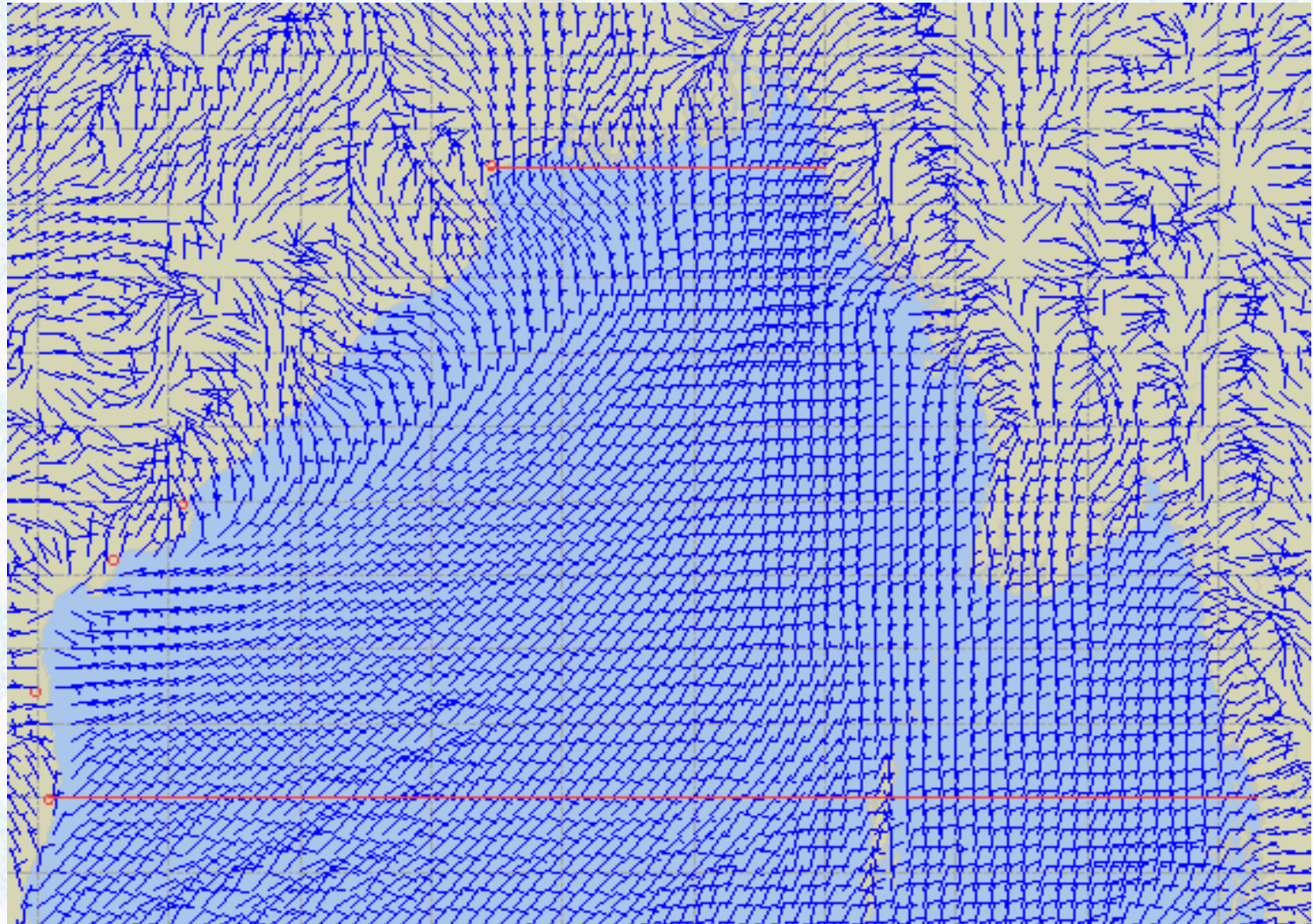
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



Surface Wind Forecast- 18 Dec - 2020



Legend:



**Calm
Winds**



5 Knots



10 Knots



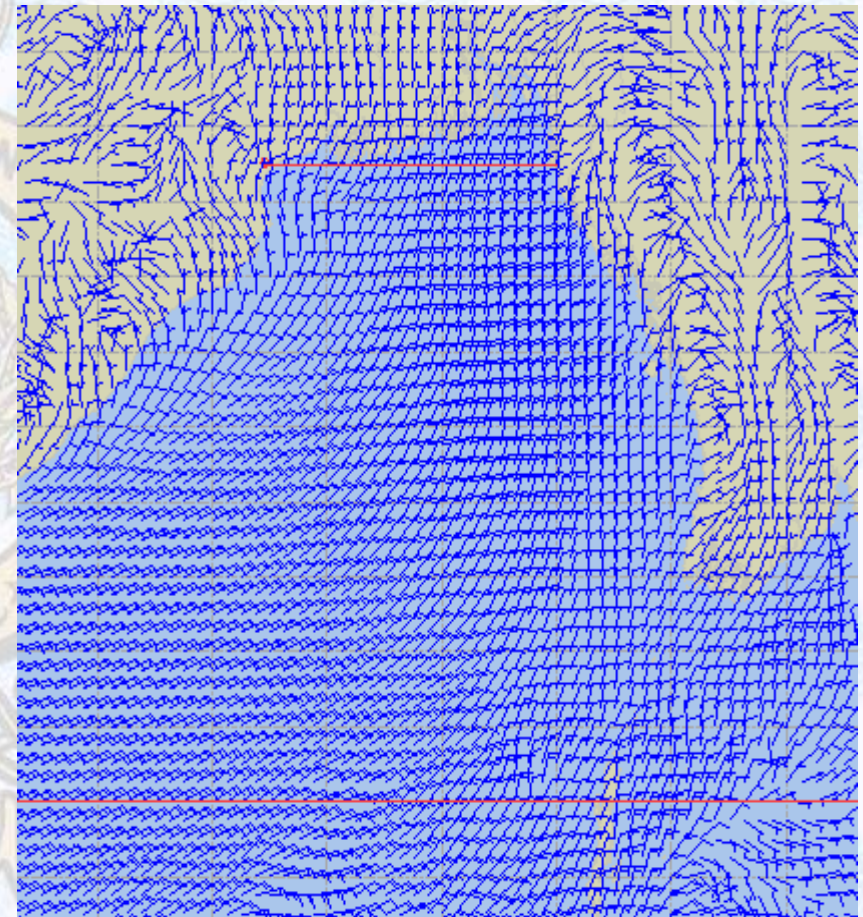
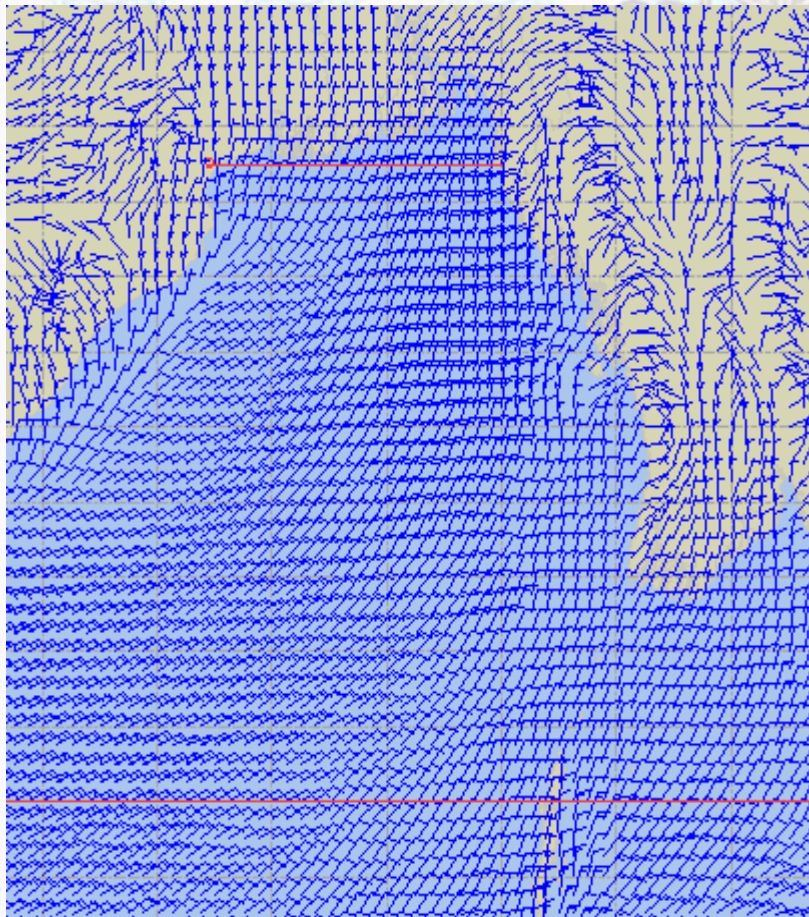
60 Knots



Surface Wind Forecast – 19 & 20 Dec - 2020

19 Dec 20 Saturday

20 Dec 20 Sunday



Legend:



Calm
Winds



5 Knots



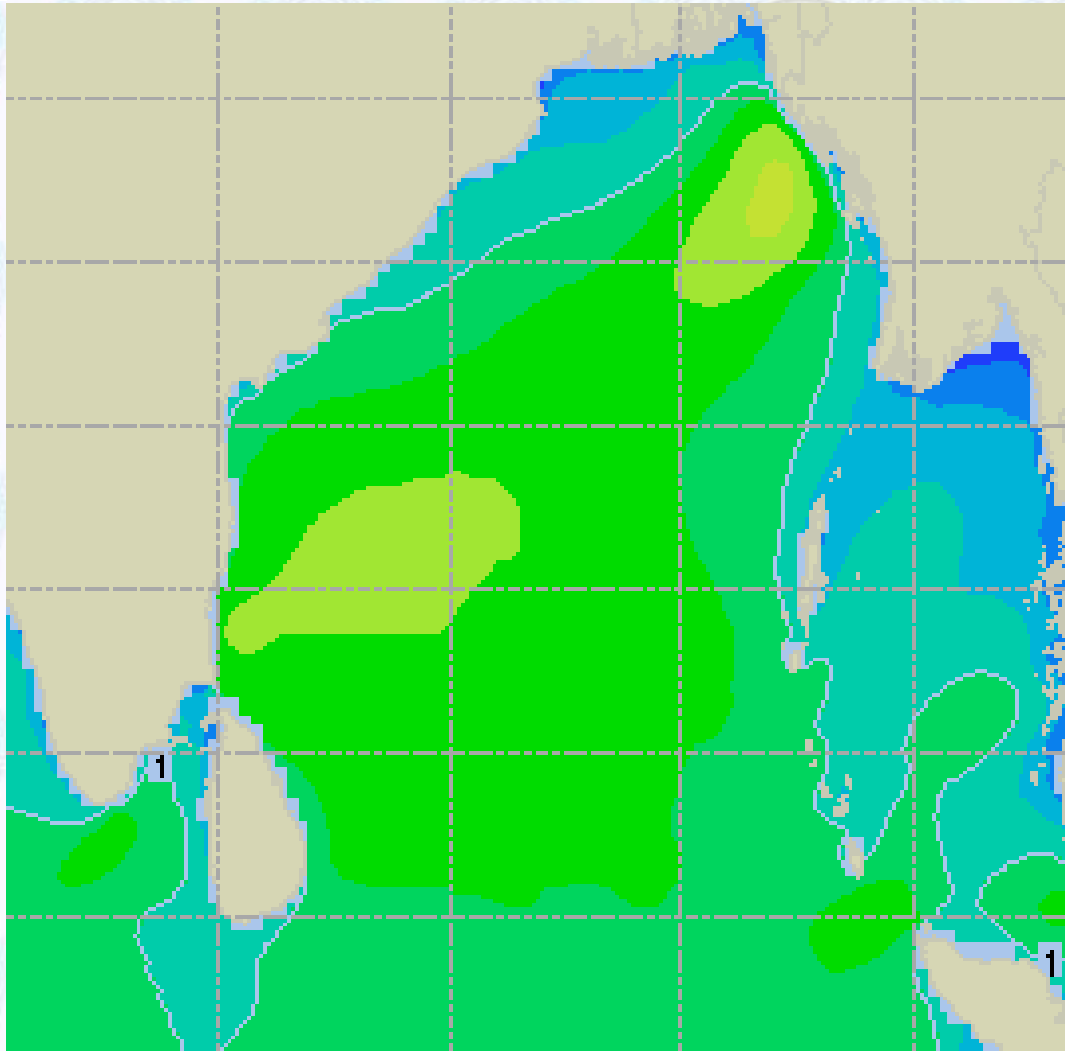
10 Knots



60 Knots



Sea State Forecast – 18 Dec - 2020



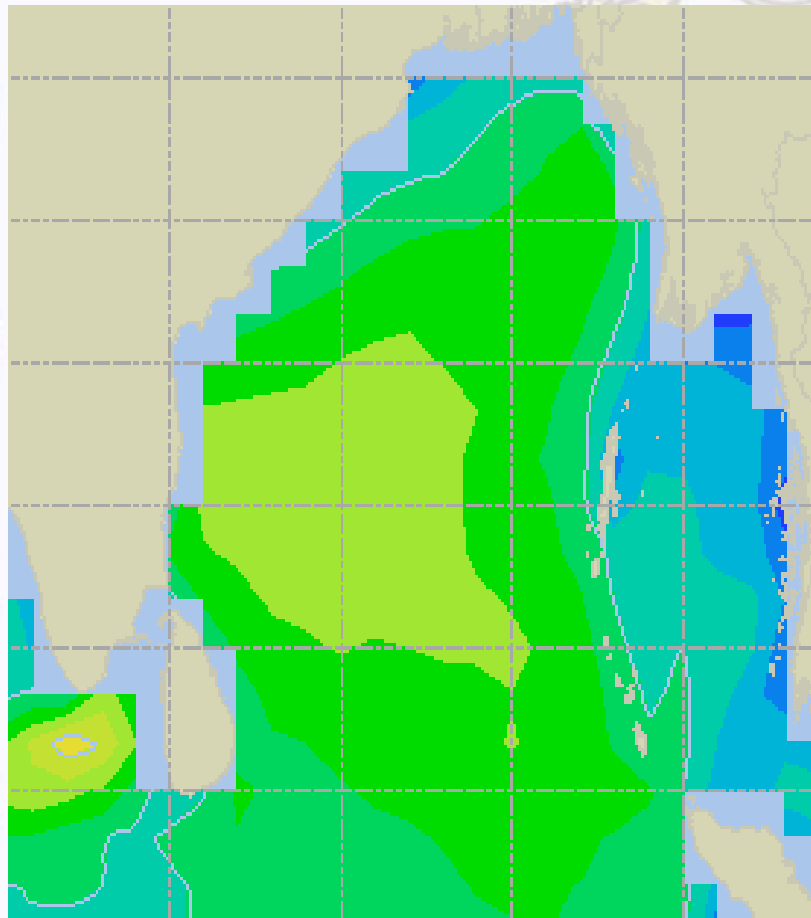
Sea State	Ht (m)
0	0-0.1
1	0-0.1
2	0.1-0.5
3	0.5-1.25
4	1.25-2.5
5	2.5-4.0
6	4-6
7	6-9
8	9-14
9	Over 14



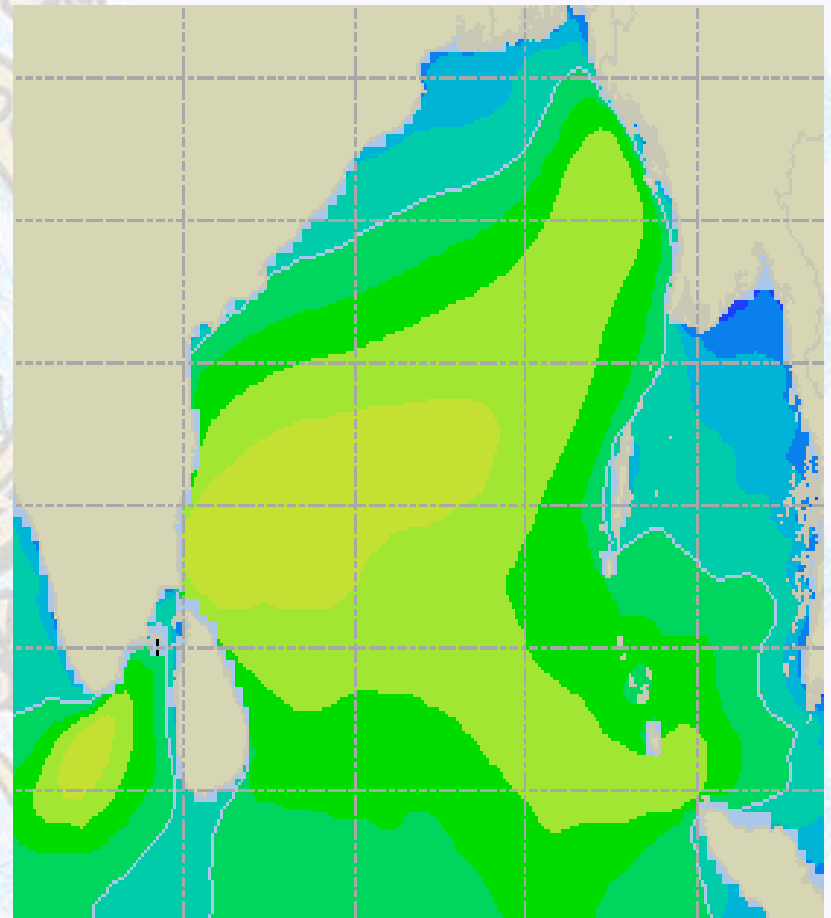


Sea State Forecast – 19 & 20 Dec - 2020

19 Dec 20 Saturday



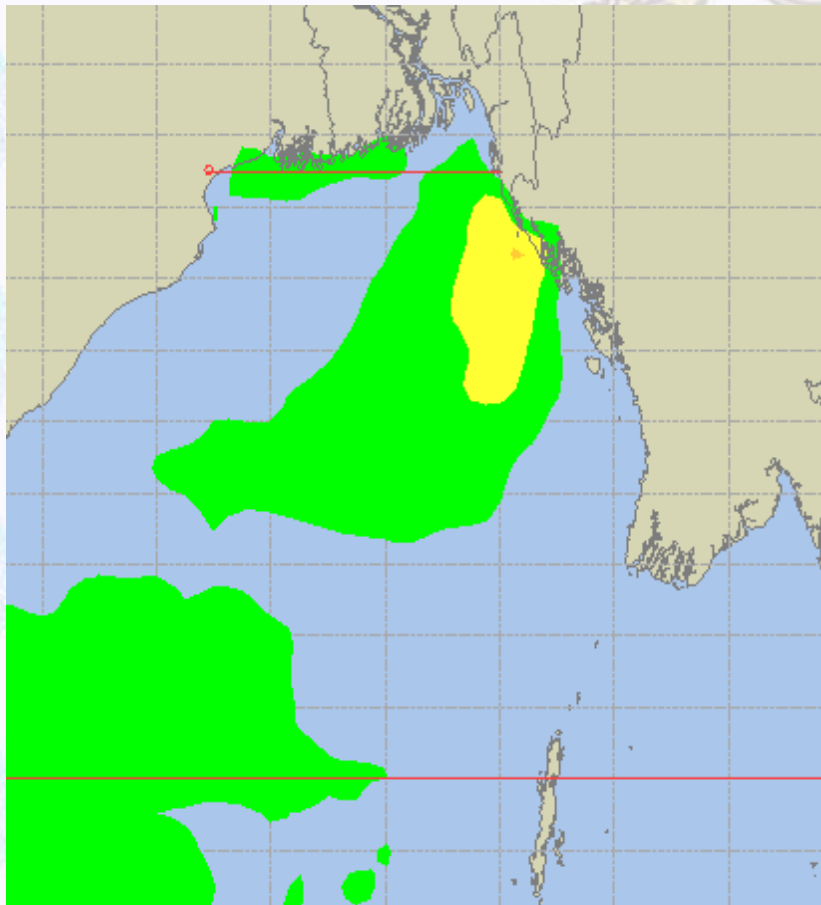
20 Dec 20 Sunday



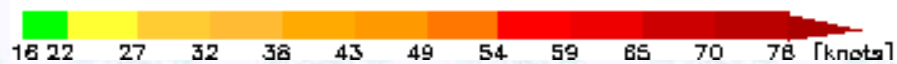
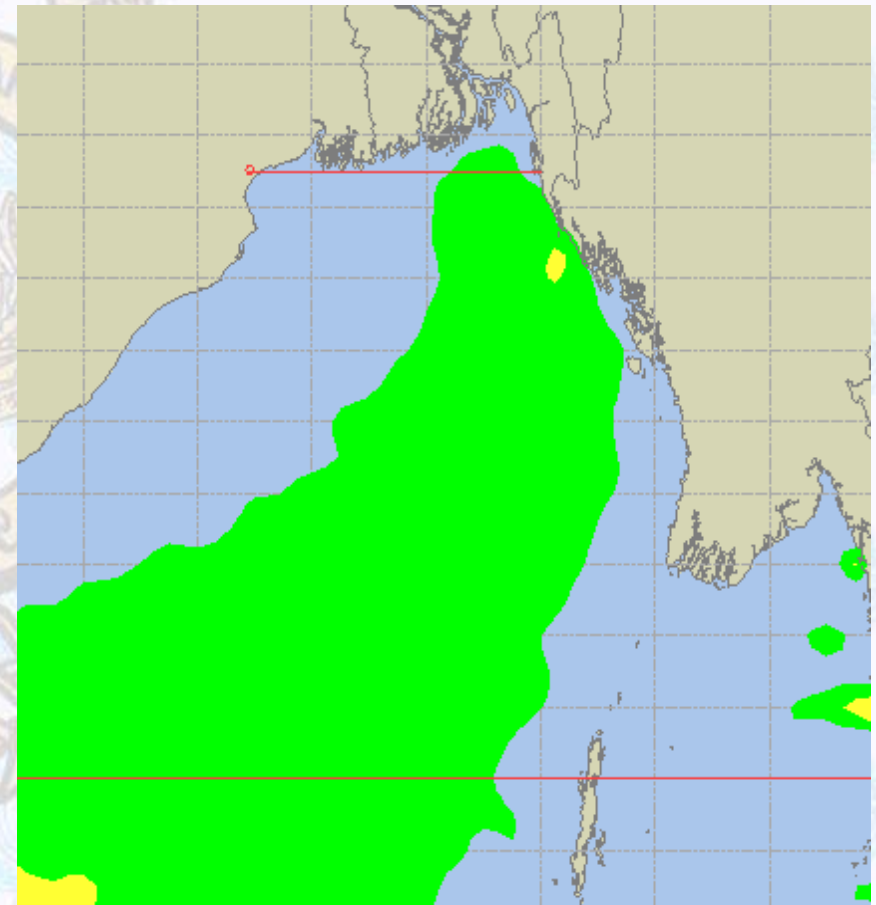


Peak Gusting Possibilities— 18 & 19 Dec 2020

18 Dec 20 Friday



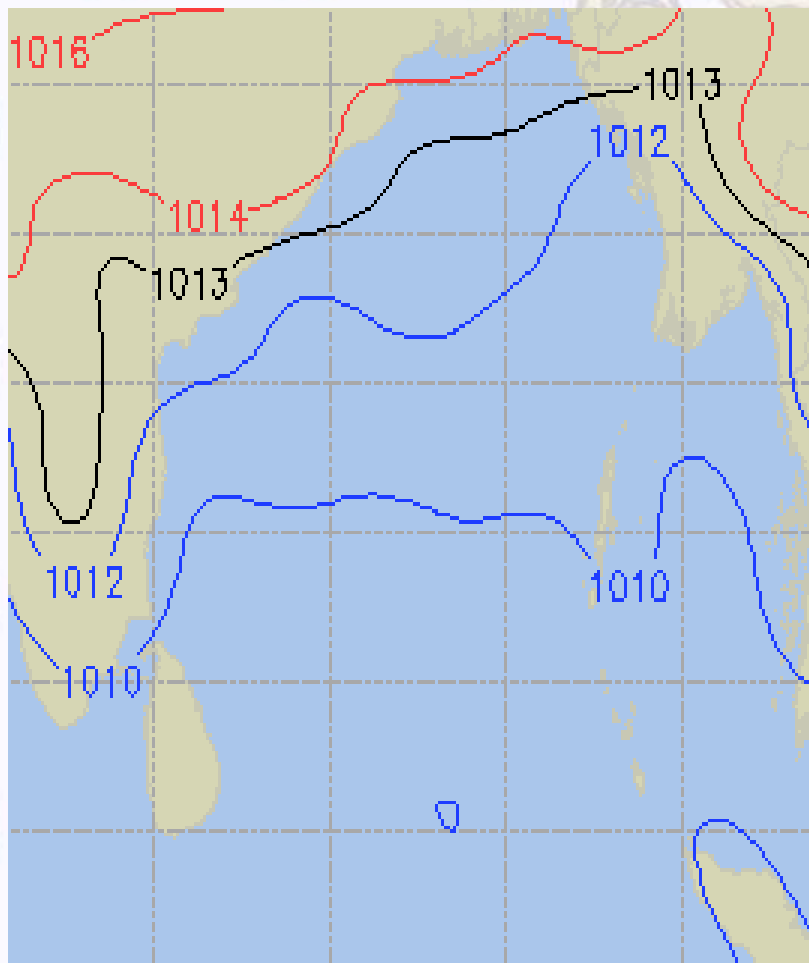
19 Dec 20 Saturday



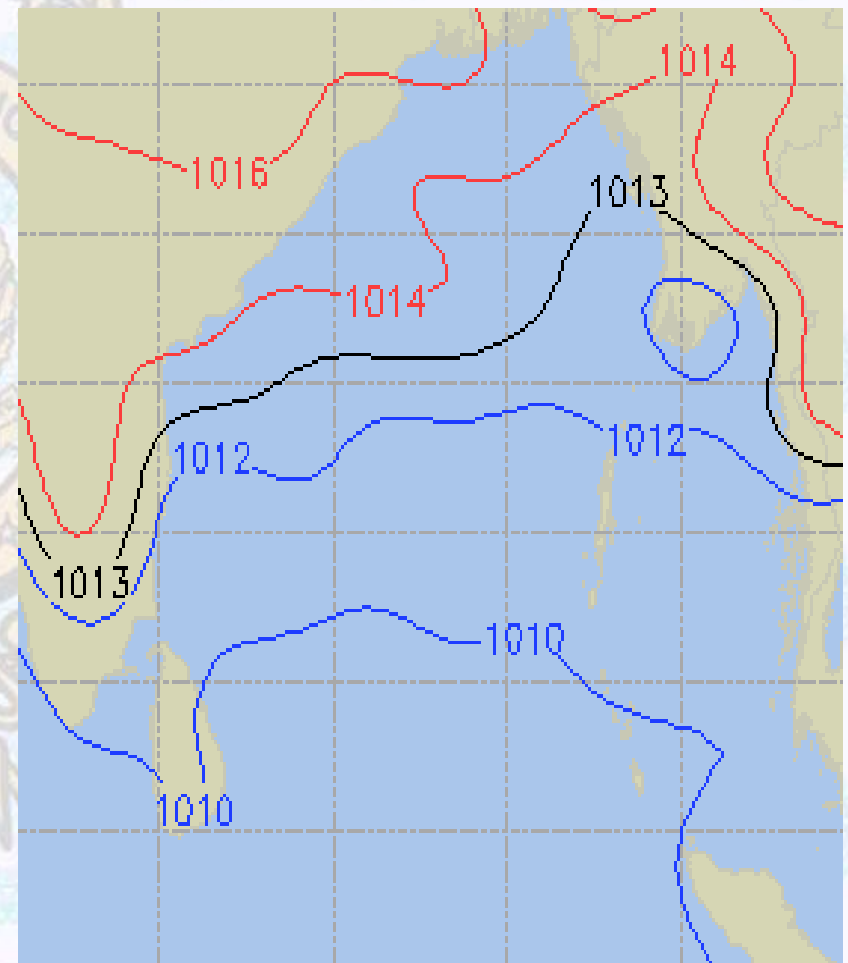


Surface Pressure forecast– 18 & 19 Dec 2020

18 Dec 20 Friday



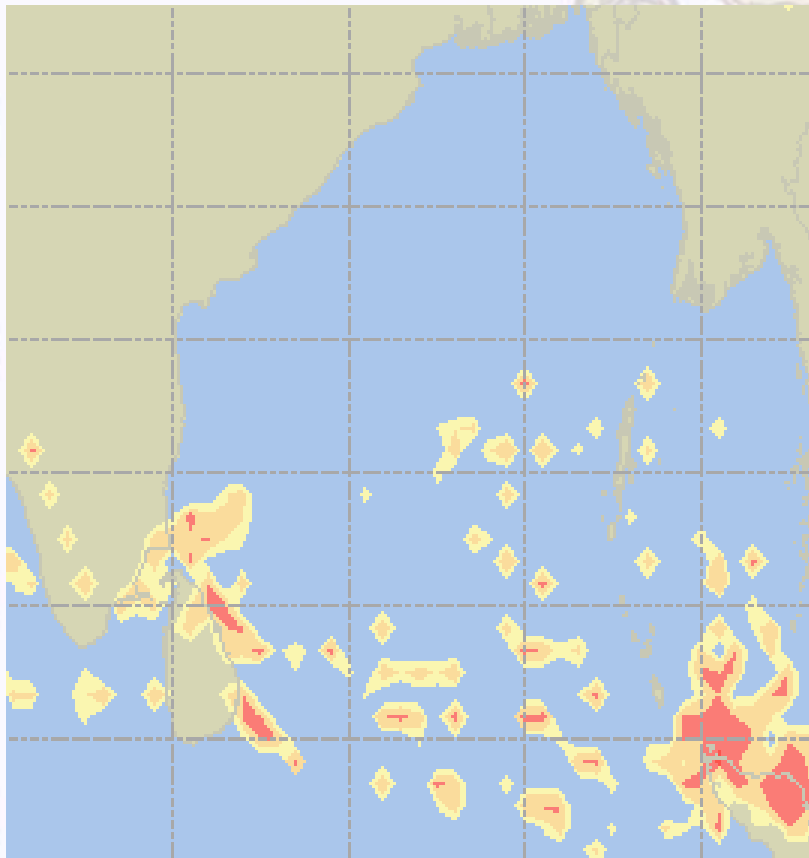
19 Dec 20 Saturday



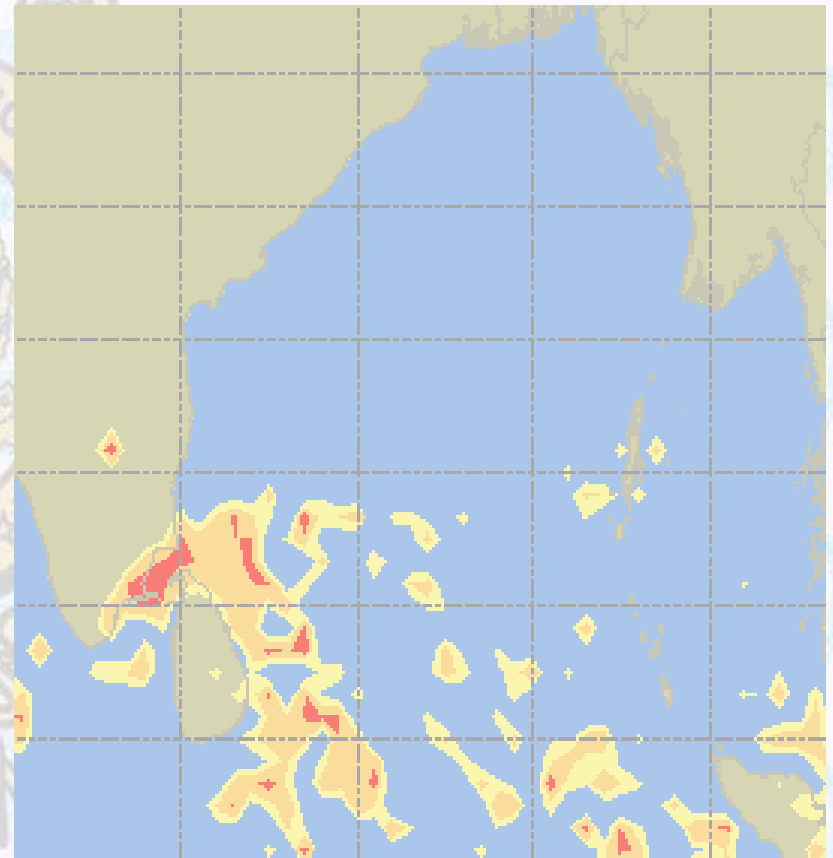


Visibility at Sea Forecast – 18 & 19 Dec 2020

18 Dec 20 Friday



19 Dec 20 Saturday



Visibility Scale:



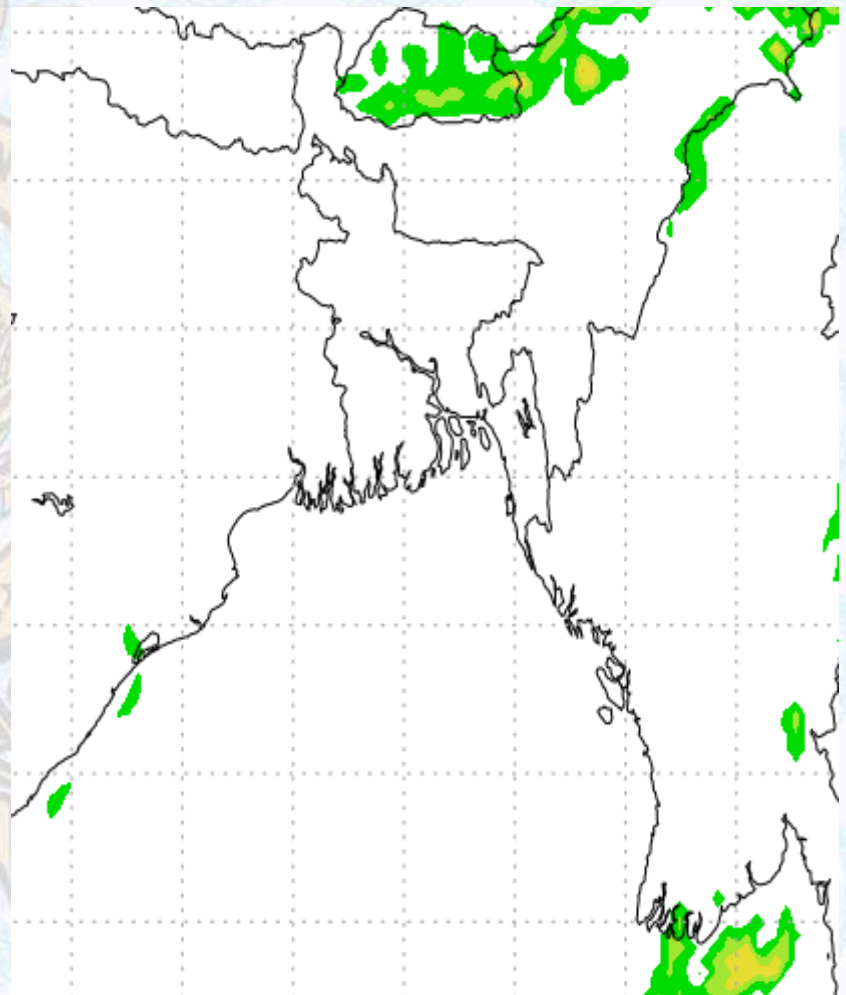
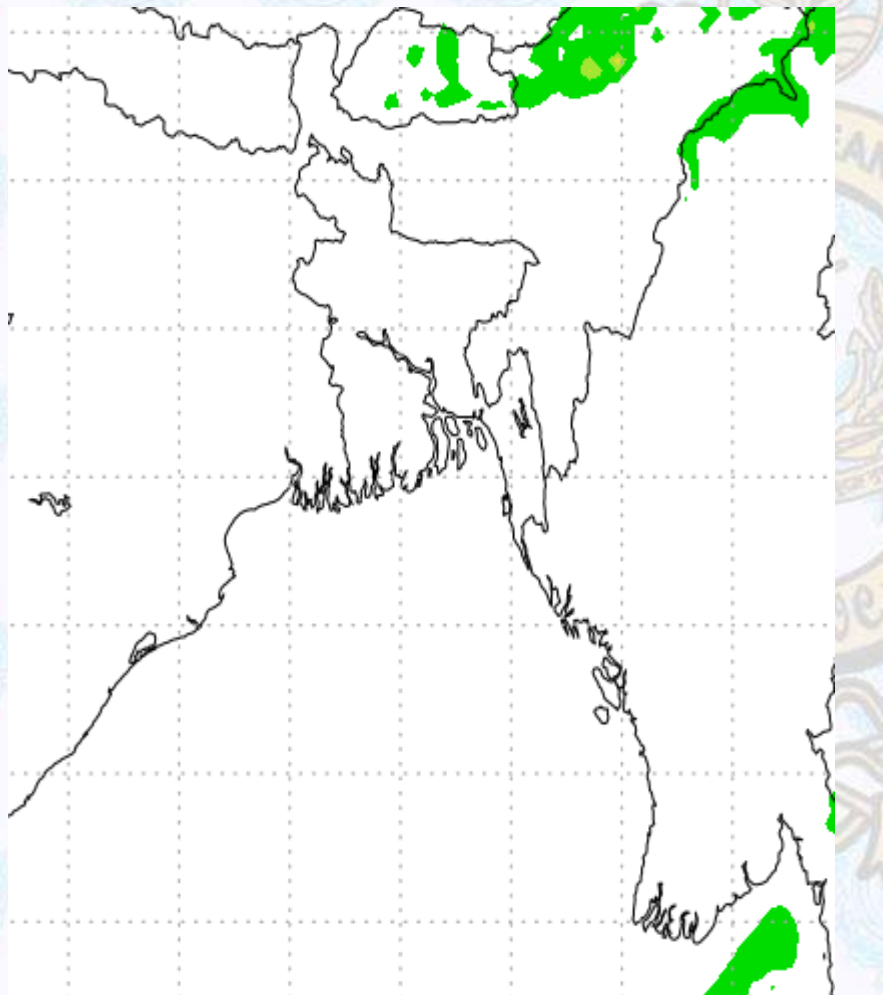
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



Precipitation

Rain(mm) 18 & 19 Dec2020

Rain(mm) 19 & 20 Dec2020



Precipitation Scale (mm):





Tidal Information

KHAL NO. 10

COX'S BAZAR

HIRAN POINT

18 Dec 2020	Time	Height		Time	Height		Time	Height
	0254	4.59		0039	3.48		0349	1.05
	0945	0.49		0723	0.57		0958	3.39
	1527	4.06		1300	2.95		1634	1.02
	2144	0.69		1933	0.62		2224	3.19
19 Dec 2020	Time	Height		Time	Height		Time	Height
	0338	4.44		0122	3.30		0121	2.91
	1029	0.57		0803	0.68		0758	0.83
	1616	3.93		1345	2.79		1349	2.50
	2229	0.88		2014	0.76		1951	0.96
20 Dec 2020	Time	Height		Time	Height		Time	Height
	0426	4.22		0205	3.08		0201	2.77
	1115	0.69		0844	0.81		0841	0.92
	1709	3.78		1432	2.63		1436	2.41
	2321	1.10		2059	0.91		2036	1.11