



**WEATHER FORECAST FOR BN**

**18 - 21 DEC 2020**



# WEATHER FORECAST – DHAKA

## 18.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 12	22 / 12	18 / 11	17 / 11
Wind	10 km/h NW	11 km/h WNW	6 km/h WNW	6 km/h NW
Humidity	50%	50%	64%	68%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	1%	1%	1%	11%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 35 AM 17: 15 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 2.25 km

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





# WEATHER FORECAST – CHATTOGRAM

## 18.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 14	26 / 15	21 / 15	19 / 15
Wind	14 km/h NNW	12 km/h NW	11 km/h NNW	11 km/h NNW
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 : 3:54 Km

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



# WEATHER FORECAST – KHULNA

## 18.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 11	23 / 10	17 / 10	14 / 10
Wind	13 km/h NNW	12 km/h NNW	3 km/h NNW	4 km/h NNW
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 : 1016 hpa

Visibility : 8.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	19 Dec 2020	20 Dec 2020	21 Dec 2020
<b>Temperature (C)</b>	22 °C / 13 °C	23 °C / 14 °C	23 °C / 14 °C
<b>Summary</b>	Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h35m54s/17h15m42s	6h36m24s/17h16m12s	6h36m54s/17h16m42s
<b>Day Length</b>	10h39m48s	10h39m48s	10h39m48s
<b>Moon Rise/ Set</b>	10:36AM 9:57PM	11:15AM 10:52PM	11:50AM 11:44PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 30%	Waxing Crescent, 39%	Waxing Crescent, 49%
<b>Nautical Twilight</b>	05:42, 18:08	05:43, 18:09	05:43, 18:09
<b>Civil Twilight</b>	06:10, 17:40	06:11, 17:40	06:11, 17:41
<b>Humidity</b>	D : 60%    N : 78%	D : 70%    N : 83%	D : 75%    N : 83%
<b>Barometer (mb)</b>	1016	1014	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NNW	7 Km/h NW	5 Km/h WNW

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	19 Dec 2020	20 Dec 2020	21 Dec 2020
<b>Temperature (C)</b>	25 °C/ 13 °C	25 °C/ 13 °C	24 °C/ 13 °C
<b>Summary</b>	Sunny	Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h27m00s/17h13m12s	6h27m30s/17h13m42s	6h28m00s/17h14m12s
<b>Day Length</b>	10h46m12s	10h46m12s	10h46m12s
<b>Moon Rise/ Set</b>	10:28AM 9:53PM	11:08AM 10:47PM	11:50AM 11:40PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 30%	Waxing Crescent, 39%	Waxing Crescent, 49%
<b>Nautical Twilight</b>	05:34 18:05	05:34 18:05	05:35 18:06
<b>Civil Twilight</b>	06:02, 17:37	06:02, 17:38	06:03, 17:38
<b>Humidity</b>	D : 60%    N : 81%	D : 67%    N : 87%	D : 72%    N : 87%
<b>Barometer (mb)</b>	1015	1015	1014
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	12 Km/h NNW	8 Km/h NNW	7 Km/h NW

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





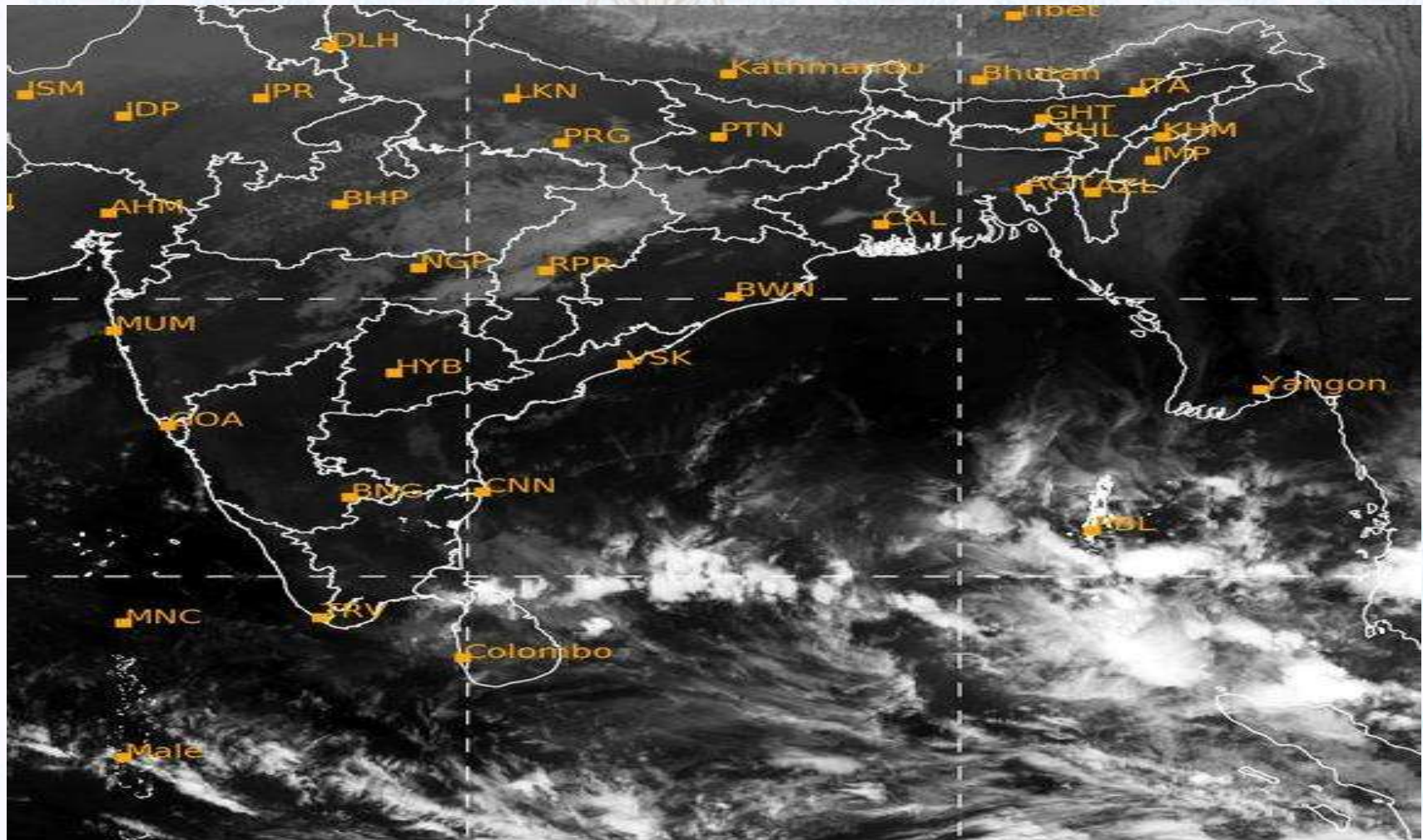
# GENERAL WEATHER FORECAST – KHULNA

Description	19 Dec 2020	20 Dec 2020	21 Dec 2020
<b>Temperature(C)</b>	22°C/ 11°C	23°C/ 12°C	23°C/ 13°C
<b>Summary</b>	Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h37m12s/17h21m18s	6h37m42s/17h21m48s	6h38m12s/17h22m18s
<b>Day Length</b>	10h44m06s	10h44m06s	10h44m06s
<b>Moon Rise/Set</b>	10:38AM 10:02PM	11:18AM 10:56PM	11:50AM 11:44PM
<b>Moon Phase/illu</b>	Waxing Crescent, 30%	Waxing Crescent, 39%	Waxing Crescent, 49%
<b>Nautical Twilight</b>	05:44, 18:13	05:44, 18:14	05:45, 18:14
<b>Civil Twilight</b>	06:12, 17:45	06:12, 17:46	06:13, 17:46
<b>Humidity</b>	D : 56%    N : 76%	D : 65%    N : 81%	D : 72%    N : 81%
<b>Barometer (mb)</b>	1016	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	11 km/h NNW	11 km/h NW	9 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



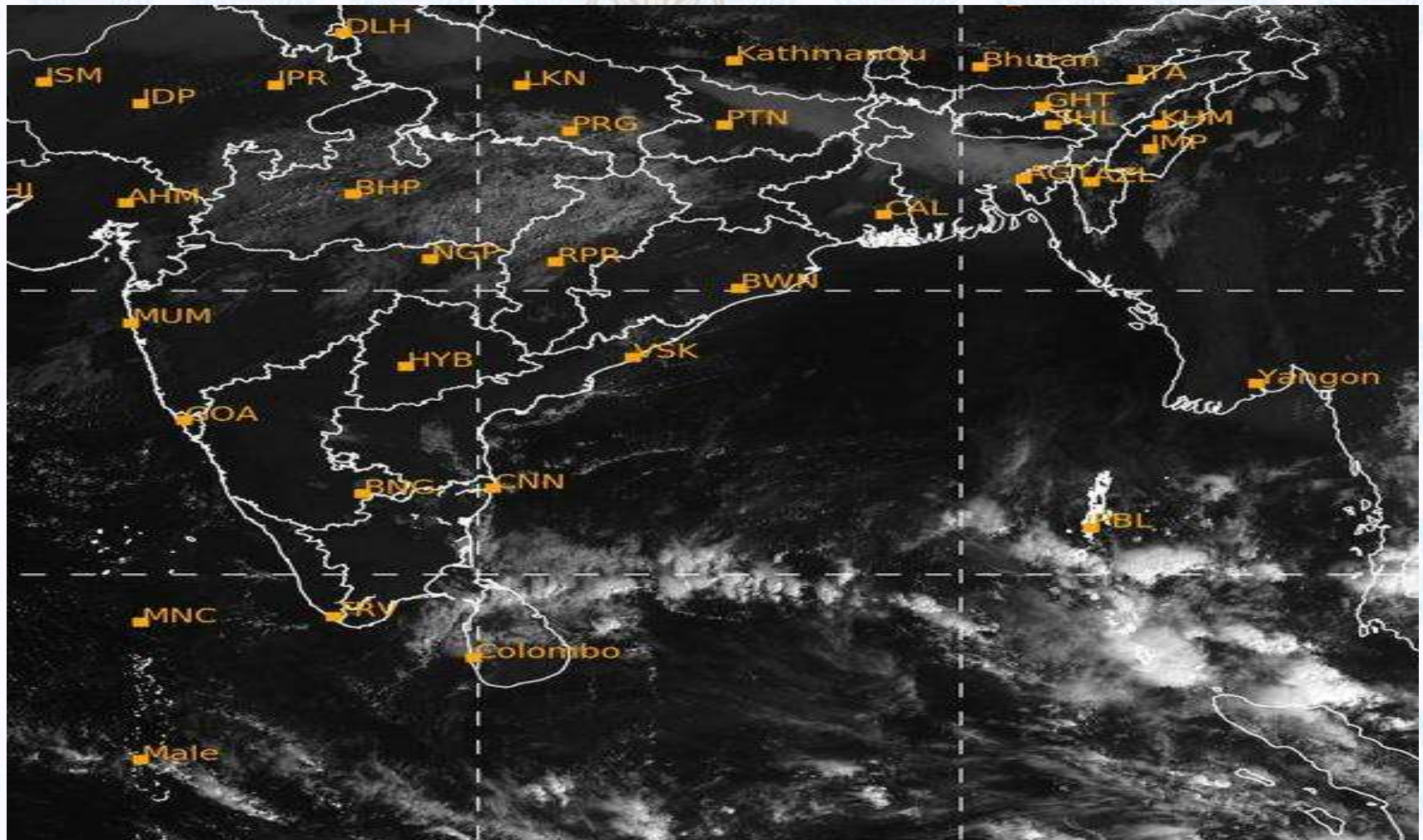
18/12/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



18/12/2020, 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 18.12.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY; EXTENDING ITS TROUGH TO NORTH BAY.	
<b>Part Three</b>	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 = 18,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 18.12.2020)

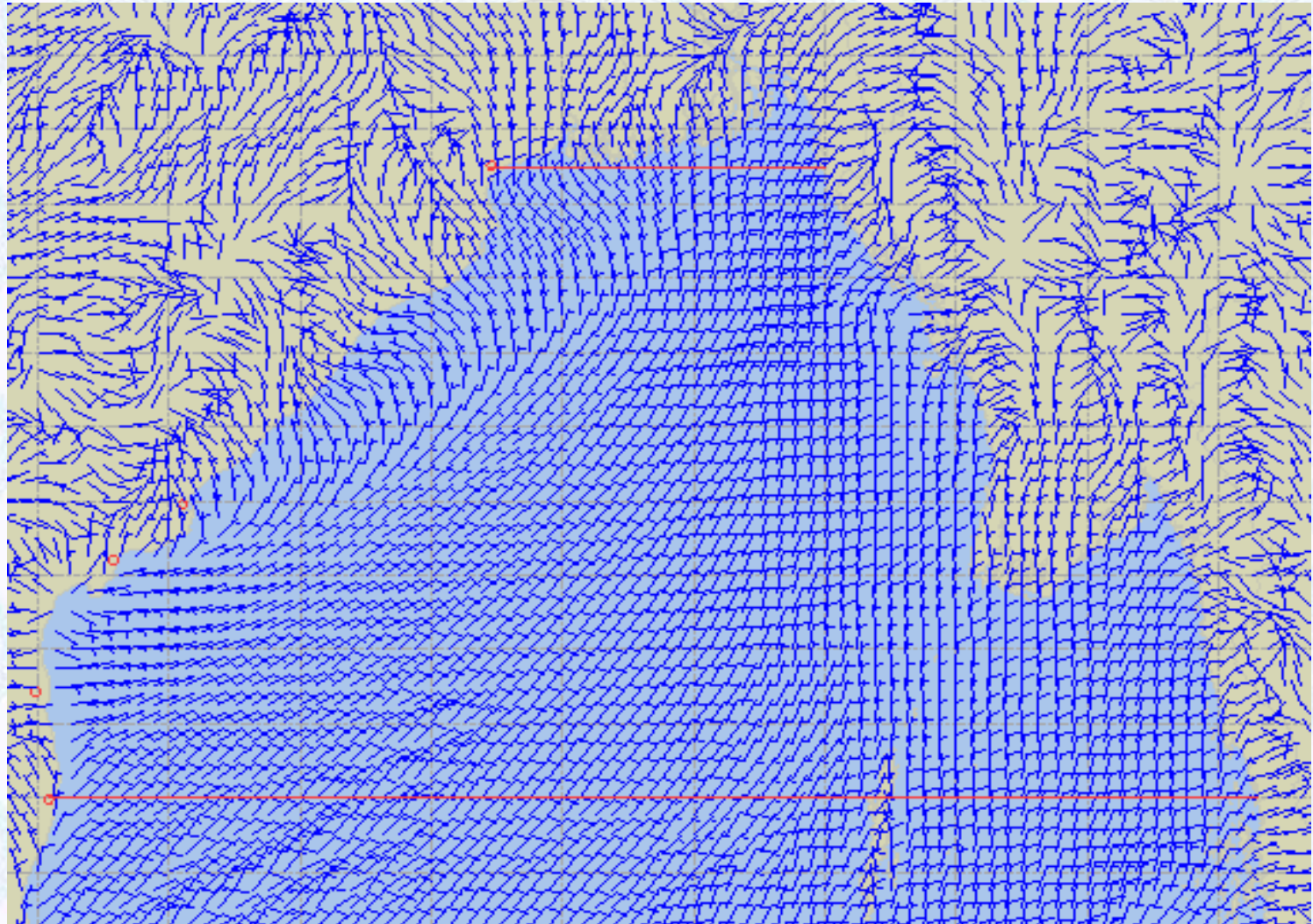
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 19 Dec - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



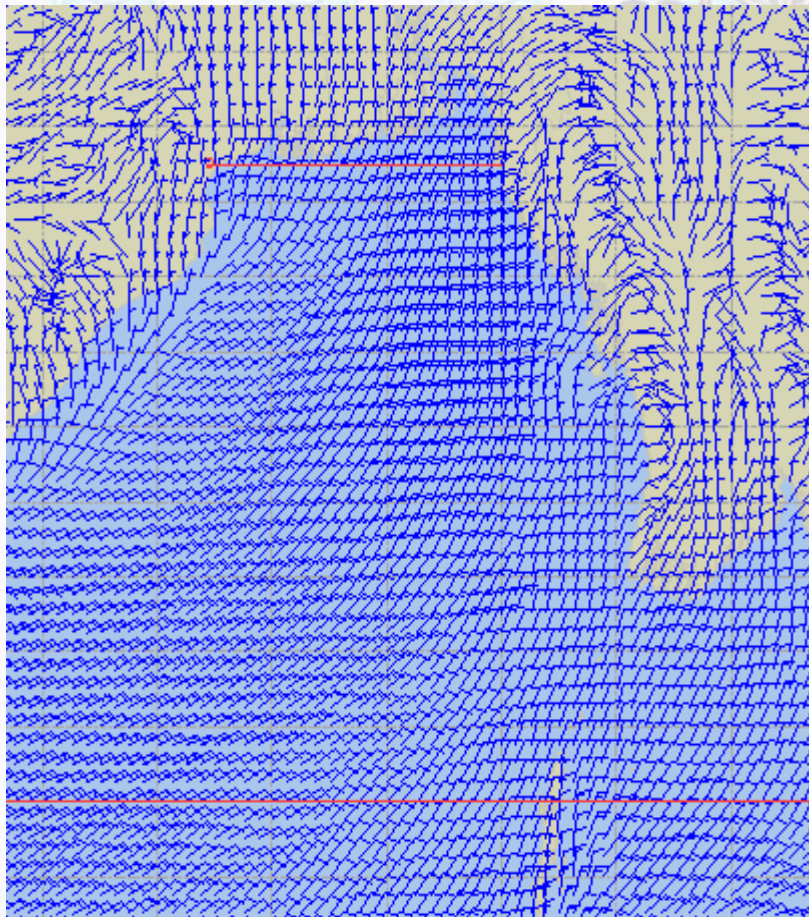
**60 Knots**



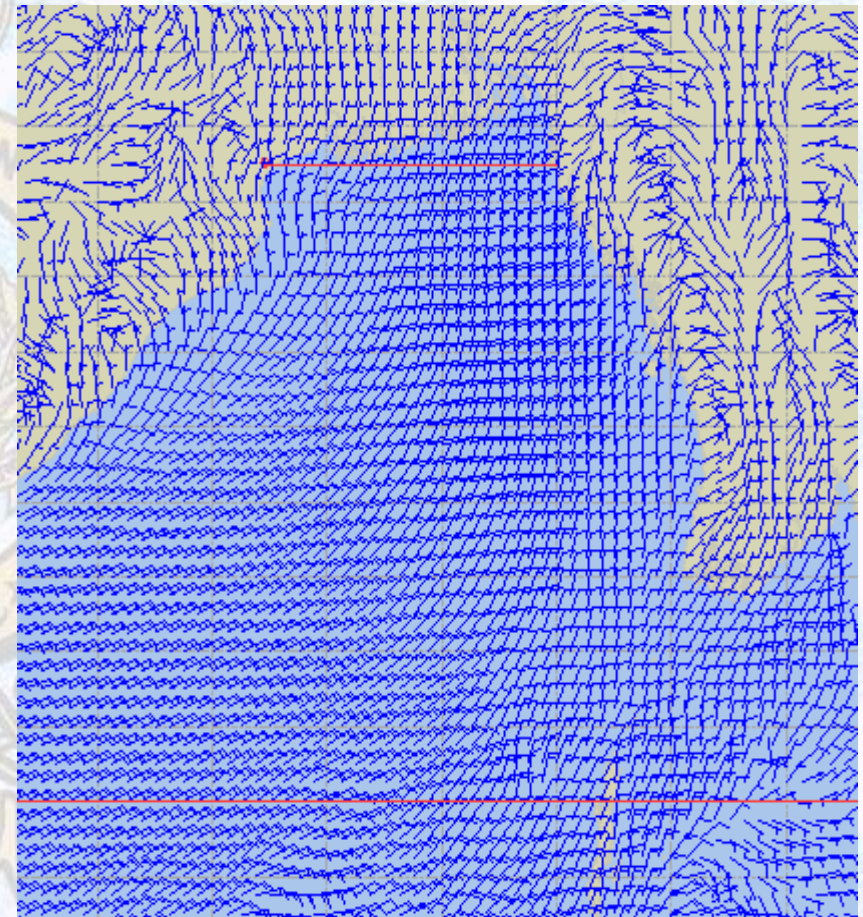


# Surface Wind Forecast – 20 & 21 Dec - 2020

20 Dec 20 Sunday



21 Dec 20 Monday



**Legend:**



Calm  
Winds



5 Knots



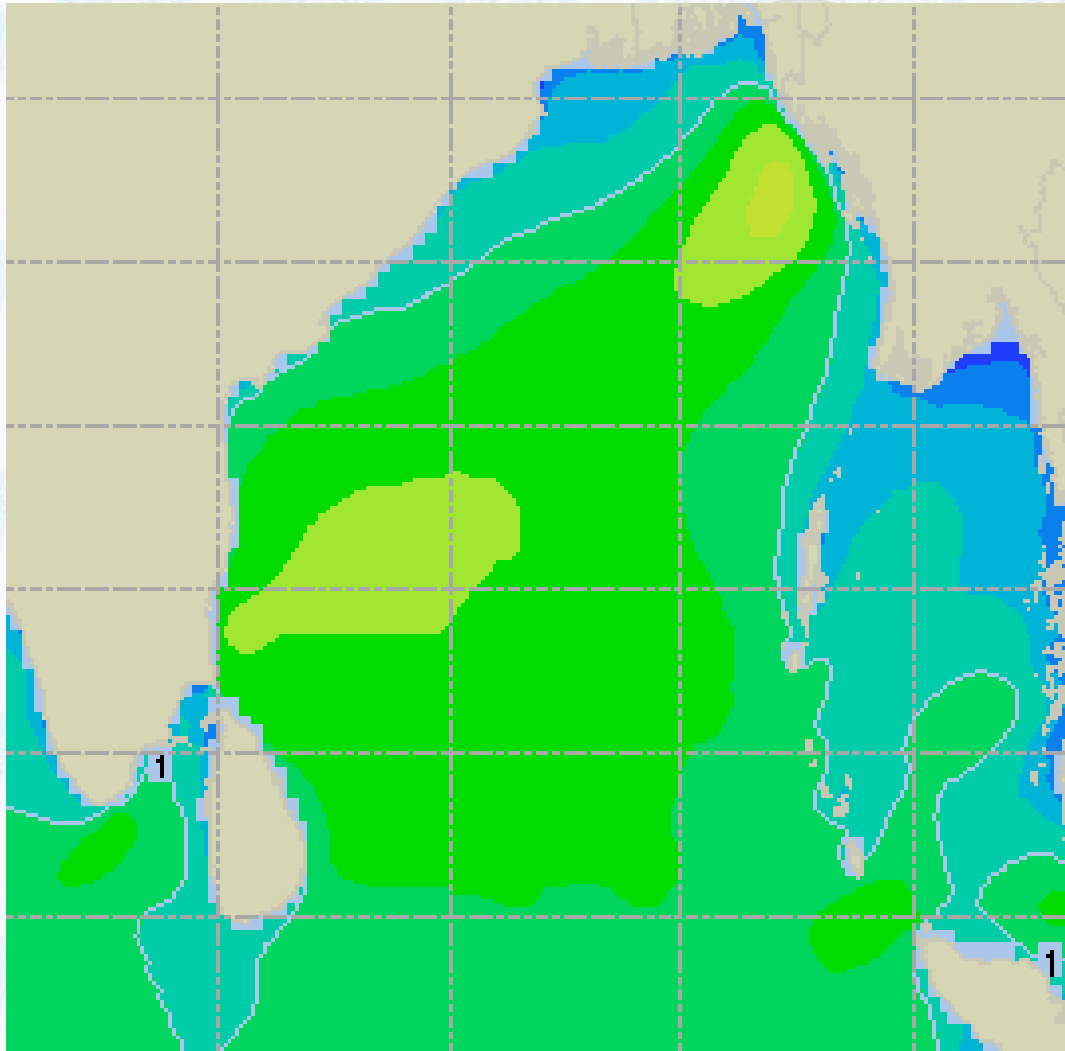
10 Knots



60 Knots



# Sea State Forecast – 19 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

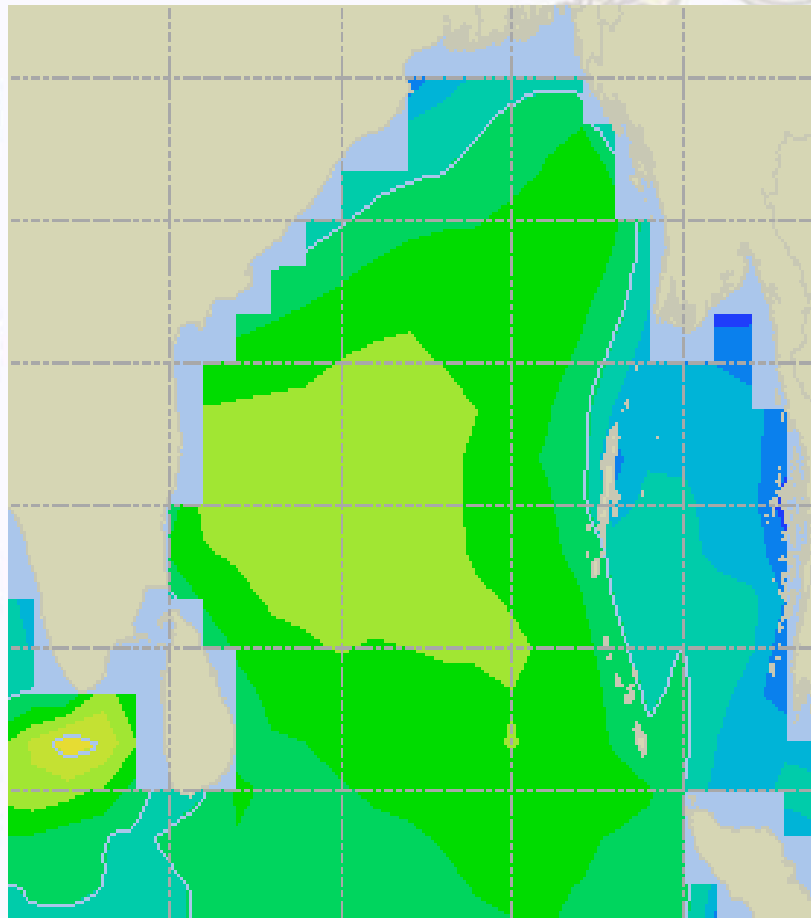




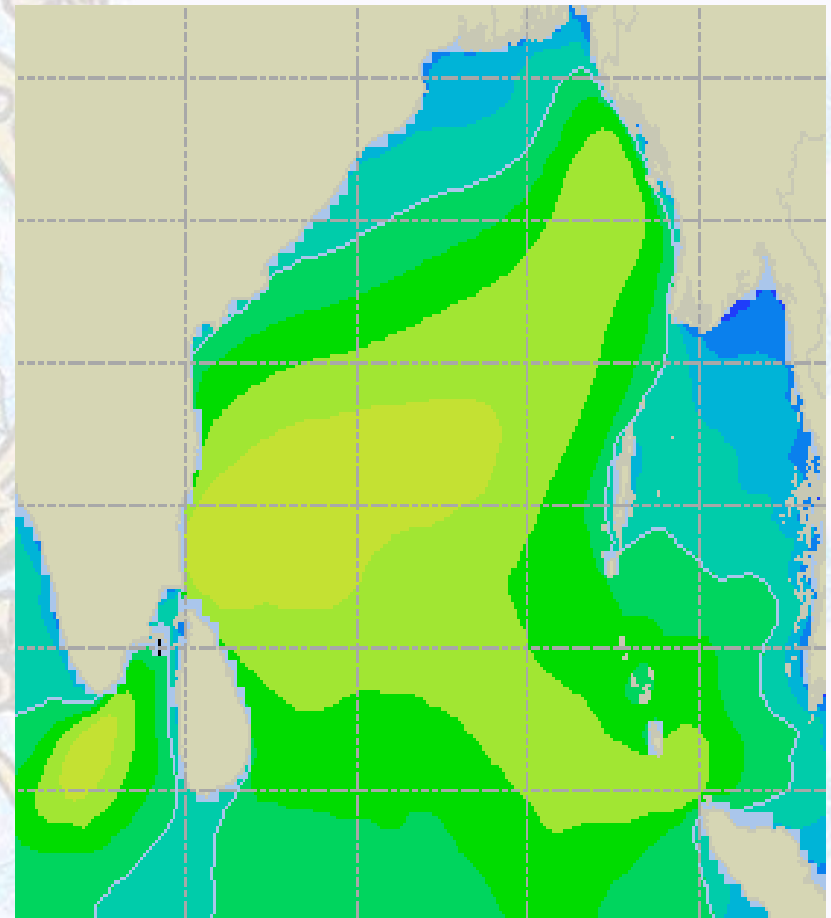


# Sea State Forecast – 20 & 21 Dec - 2020

20 Dec 20 Sunday



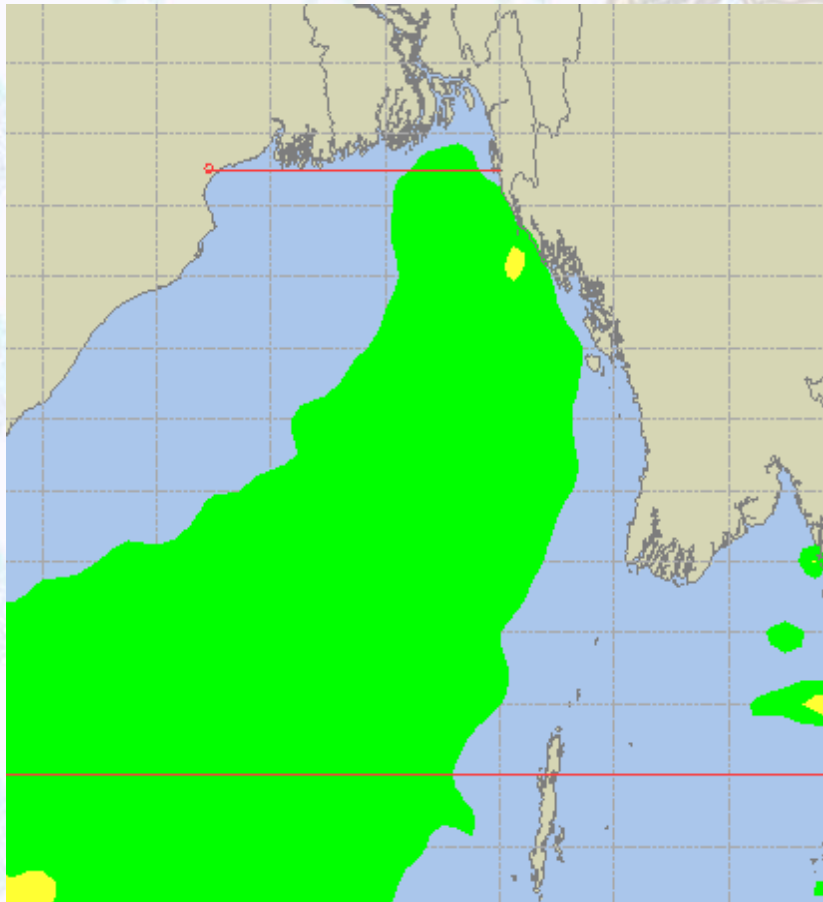
21 Dec 20 Monday



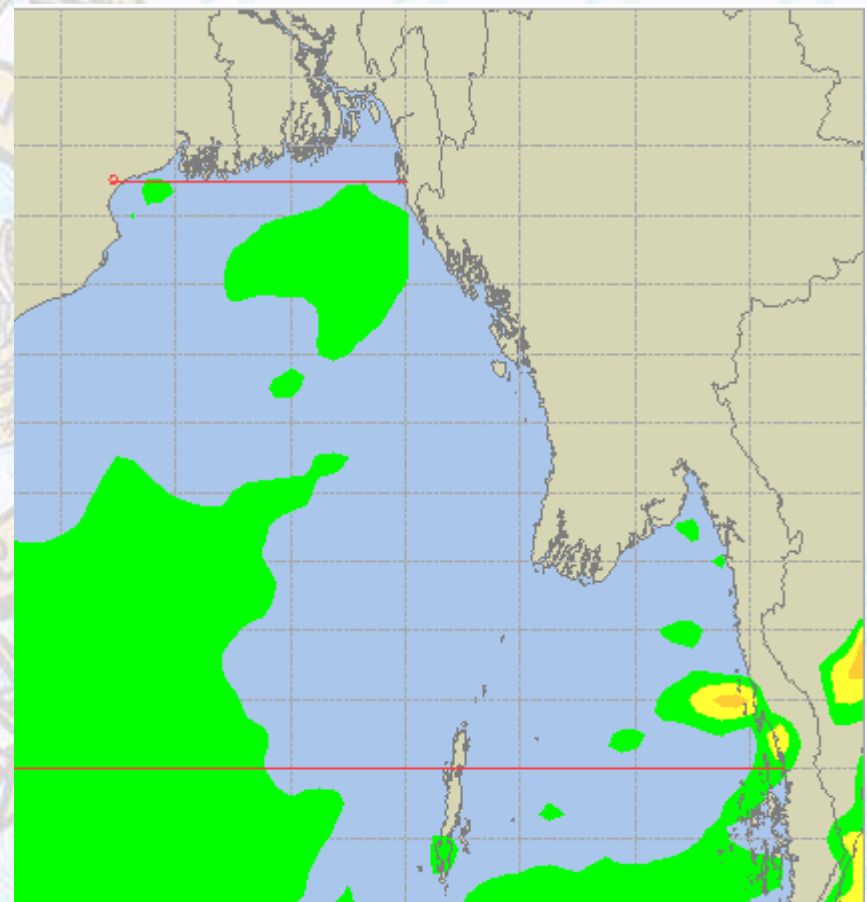


# Peak Gusting Possibilities— 19 & 20 Dec 2020

19 Dec 20 Saturday



20 Dec 20 Sunday

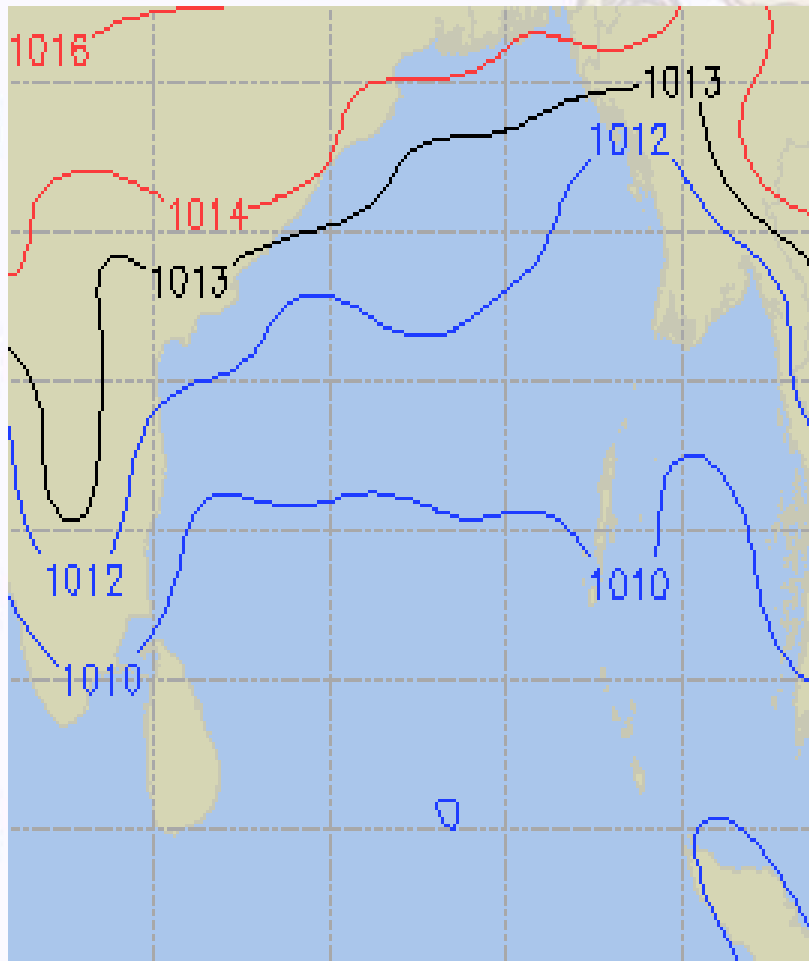




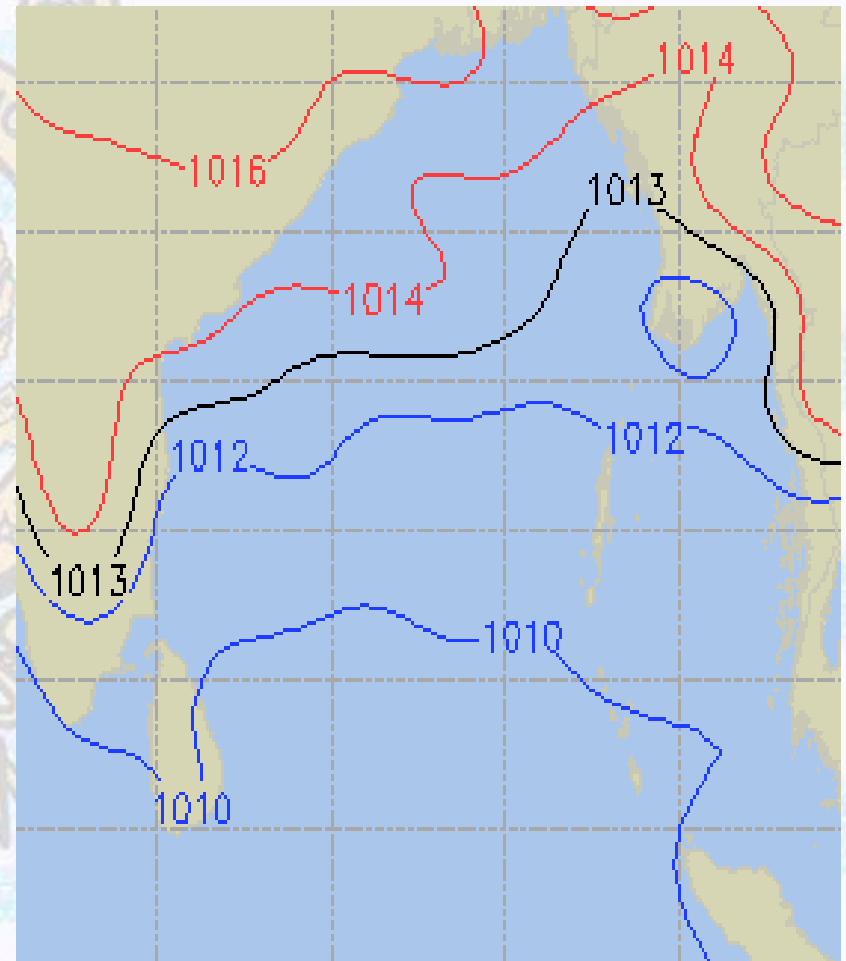


# Surface Pressure forecast– 19 & 20 Dec 2020

19 Dec 20 Saturday



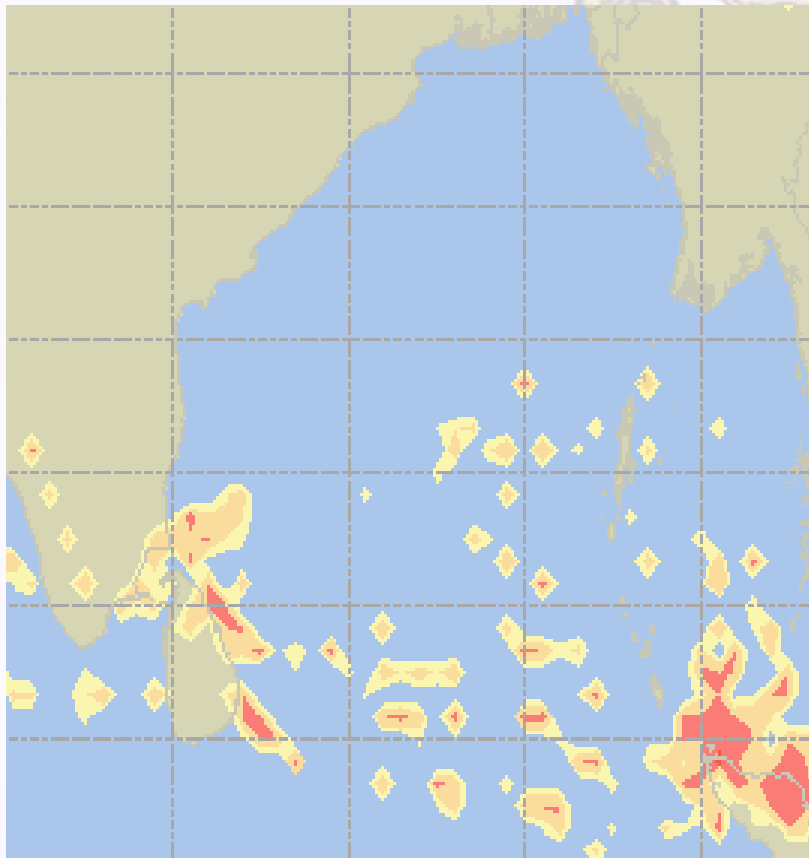
20 Dec 20 Sunday



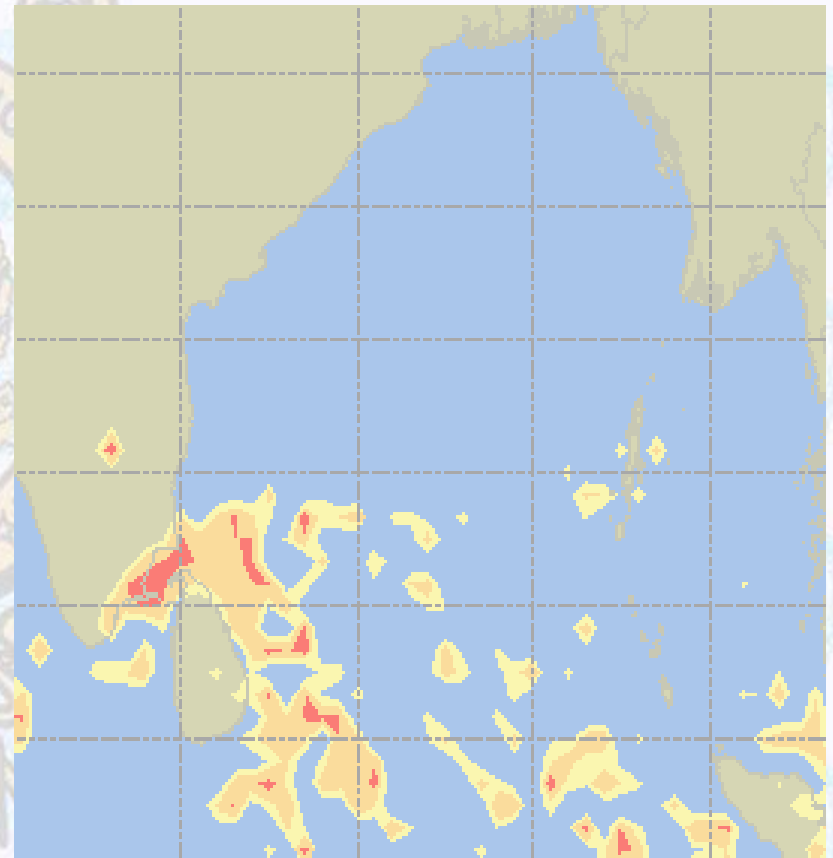


# Visibility at Sea Forecast – 19 & 20 Dec 2020

19 Dec 20 Saturday



20 Dec 20 Sunday



**Visibility Scale:**



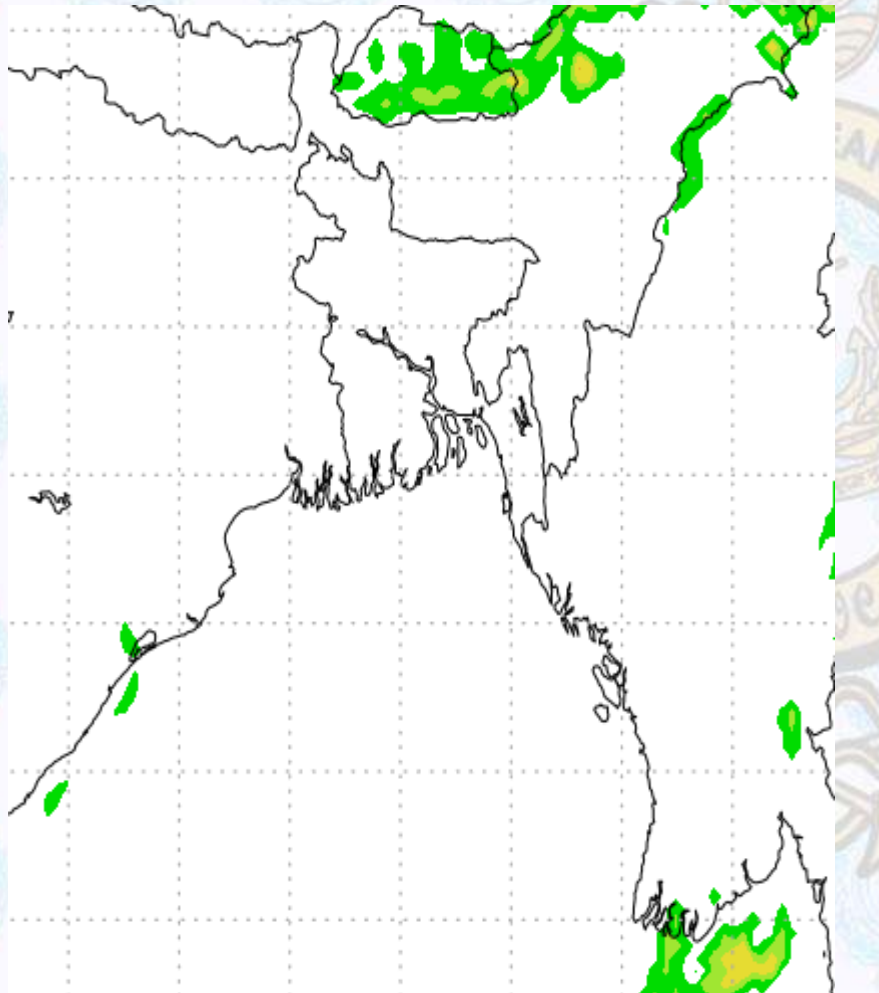
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



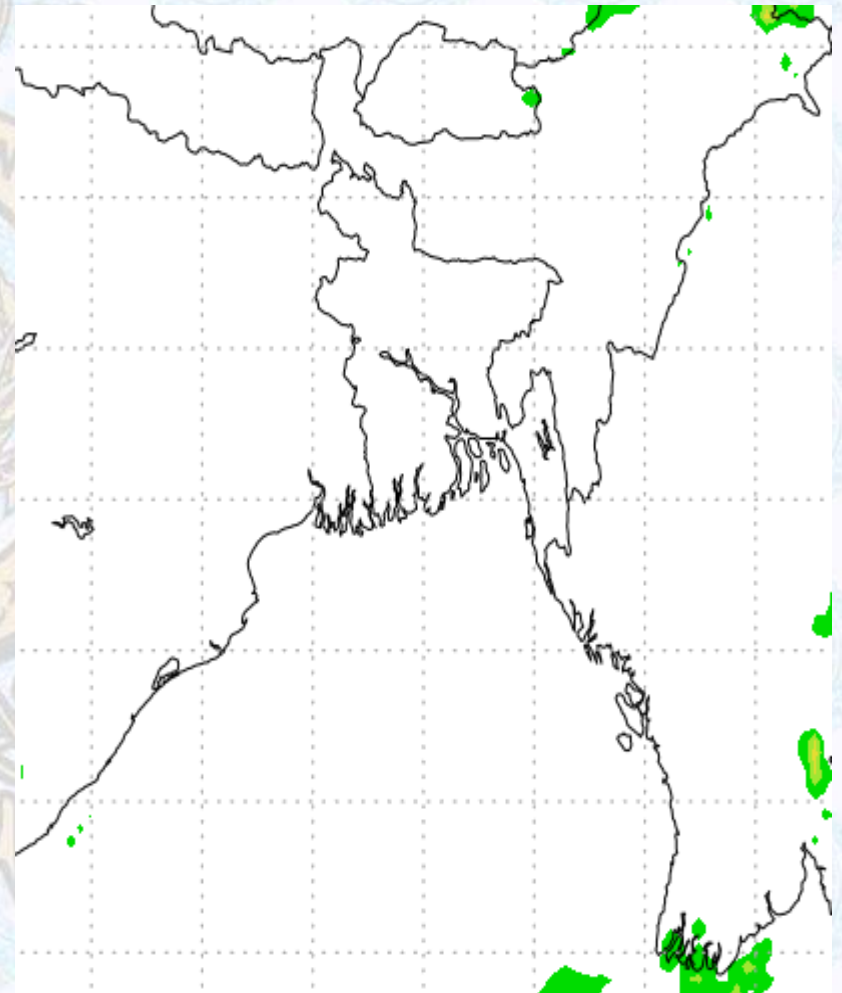


# Precipitation

Rain(mm) 19 & 20 Dec2020



Rain(mm) 20 & 21 Dec2020



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
<b>19 Dec 2020</b>	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
<b>20 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	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
<b>21 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0519	3.95		0252	2.84		0244	2.62
	1206	0.83		0928	0.94		0925	1.01
	1810	3.65		1524	2.49		1528	2.34
	-	-		2151	1.04		2129	1.25