



# WEATHER FORECAST FOR BN

***15 JAN - 18 JAN 2021***



# WEATHER FORECAST – DHAKA

## 15.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	23 / 13	19 / 13	17 / 13
Wind	8 km/h W	9 km/h W	5 km/h NW	4 km/h NW
Humidity	55%	52%	66%	73%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	25%	23%	3%	4%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 32 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 3.05 km

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



# WEATHER FORECAST – CHATTOGRAM

## 15.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	24 / 14	21 / 16	19 / 15
Wind	7 km/h WNW	10 km/h W	8 km/h NNW	7 km/h NNW
Humidity	50%	52%	77%	82%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	5%	3%	1%	10%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 29 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 3.05 Km

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



# WEATHER FORECAST – KHULNA

## 15.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 13	24 / 13	19 / 13	16 / 13
Wind	5 km/h NW	6 km/h NW	5 km/h N	2 km/h NE
Humidity	49%	49%	68%	78%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	14%	16%	4%	3%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 45 AM 17: 38 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 9.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	16 Jan 2021	17 Jan 2021	18 Jan 2021
<b>Temperature (C)</b>	24 °C/ 14 °C	25 °C/ 15 °C	26 °C/ 15 °C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h43m24s/17h33m36s	6h43m18s/17h34m18s	6h43m12s/17h35m00s
<b>Day Length</b>	10h50m12s	10h51m00s	10h51m00s
<b>Moon Rise/ Set</b>	9:09AM 8:39PM	9:46AM 9:33PM	10:20AM 10:25PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 14%	Waxing Crescent, 22%	Waxing Crescent, 31%
<b>Nautical Twilight</b>	05:52,18:09	05:53,18:08	05:53,18:08
<b>Civil Twilight</b>	06:21,17:44	06:22,17:43	06:22,17:43
<b>Humidity</b>	D : 63% N : 78%	D : 64% N : 79%	D : 64% N : 79%
<b>Barometer (mb)</b>	1011	1012	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	7 Km/h WNW	5 Km/h NNW	6 Km/h W

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



# GENERAL WEATHER FORECAST – CHATTOGRAM

Description	16 Jan 2021	17 Jan 2021	18 Jan 2021
<b>Temperature (C)</b>	25 °C/ 14 °C	26 °C/ 14 °C	26 °C/ 15 °C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h34m54s/17h30m42s	6h34m48s/17h31m24s	6h34m48s/17h32m00s
<b>Day Length</b>	10h55m48s	10h56m36s	10h57m12s
<b>Moon Rise/ Set</b>	9:01AM 8:35PM	9:39AM 9:29PM	10:20AM 10:25PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 14%	Waxing Crescent, 22%	Waxing Crescent, 31%
<b>Nautical Twilight</b>	05:41 18:07	05:42 18:06	05:42 18:06
<b>Civil Twilight</b>	06:11, 17:40	06:12, 17:39	06:12, 17:39
<b>Humidity</b>	D : 63% N : 85%	D : 64% N : 87%	D : 65% N : 87%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	9 Km/h NW	9 Km/h NW	9 Km/h NW

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



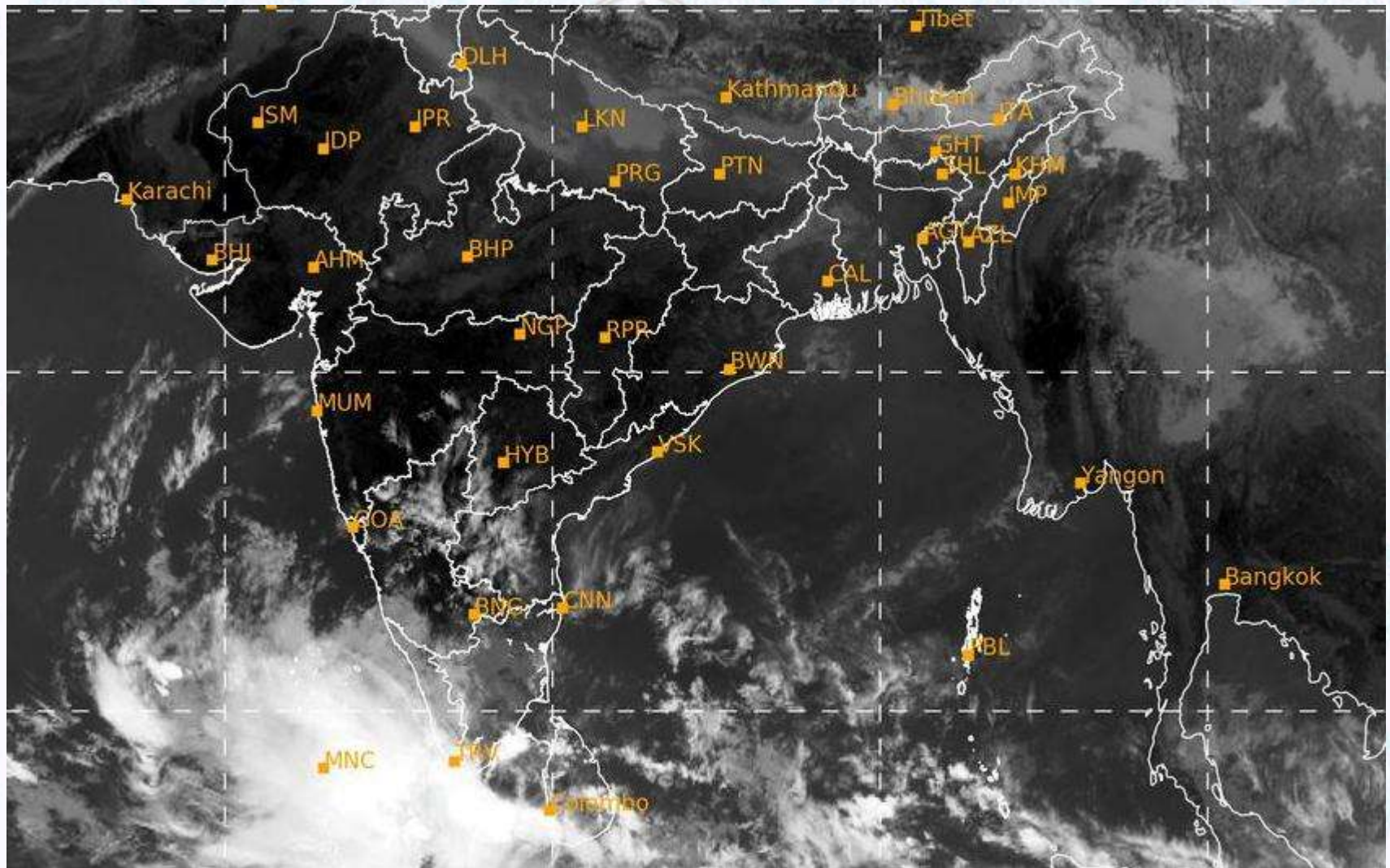
# GENERAL WEATHER FORECAST – KHULNA

Description	16 Jan 2021	17 Jan 2021	18 Jan 2021
<b>Temperature(C)</b>	25°C/ 13°C	25°C/ 14°C	26°C/ 14°C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h45m00s/17h38m54s	6h44m54s/17h39m36s	6h44m48s/17h40m12s
<b>Day Length</b>	10h53m54s	10h54m42s	10h55m24s
<b>Moon Rise/Set</b>	9:11AM 8:34PM	9:49AM 9:38PM	10:20AM 10:25PM
<b>Moon Phase/illu</b>	Waxing Crescent, 14%	Waxing Crescent, 22%	Waxing Crescent, 31%
<b>Nautical Twilight</b>	05:51, 18:14	05:52, 18:13	05:52, 18:13
<b>Civil Twilight</b>	06:19, 17:47	06:20, 17:46	06:20, 17:46
<b>Humidity</b>	D : 63%    N : 78%	D : 62%    N : 79%	D : 63%    N : 79%
<b>Barometer (mb)</b>	1011	1012	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 km/h WNW	6 km/h N	6 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



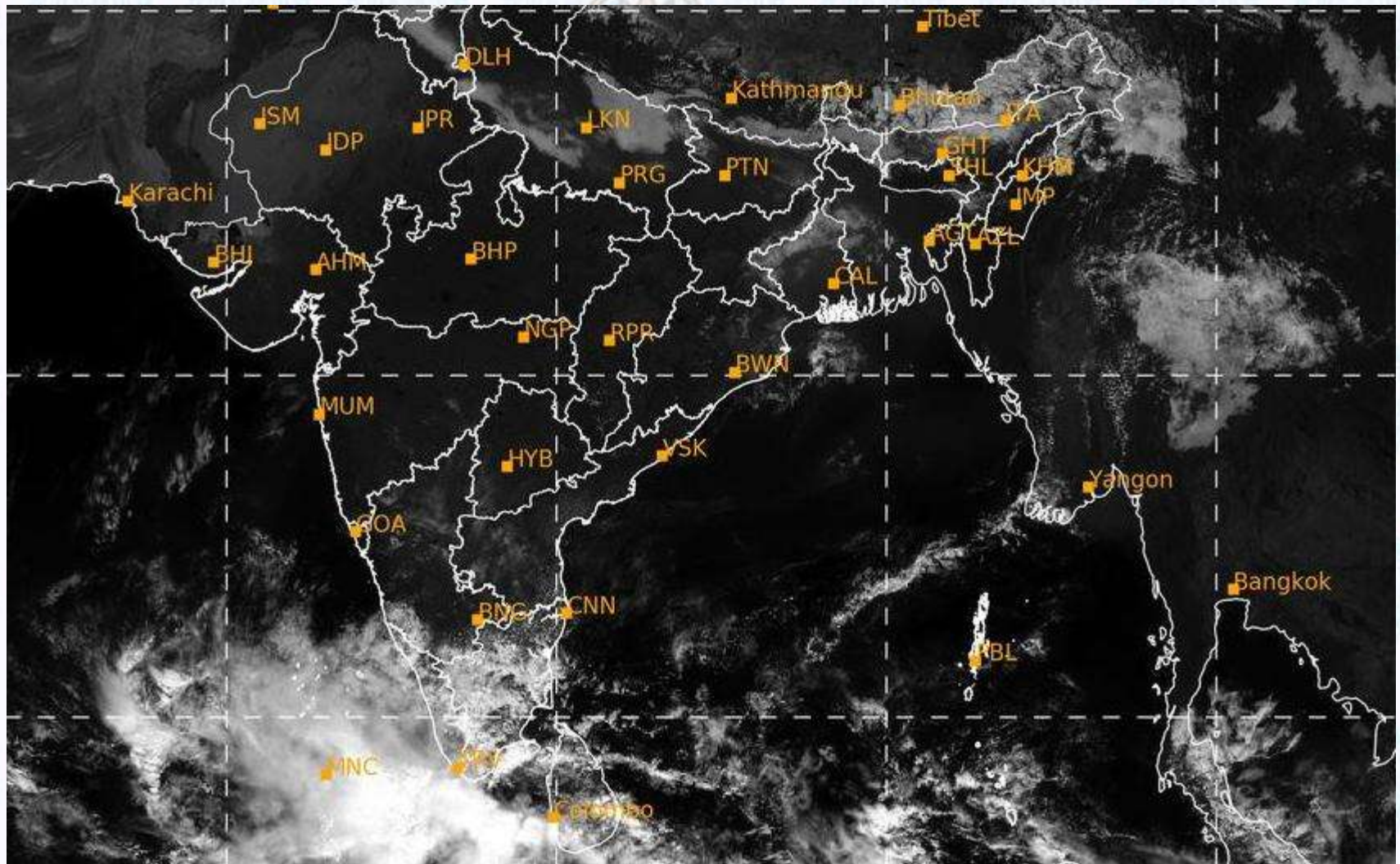
15/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



15/01/2021, 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 15.01.2021)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	TEMPORARY PARTLY CLOUDY OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-12 KTS.
	Visibility	03-06 KMS, REDUCING TO 1000 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 15,0000 UTC. CHATTOGRAM =1016 HPA



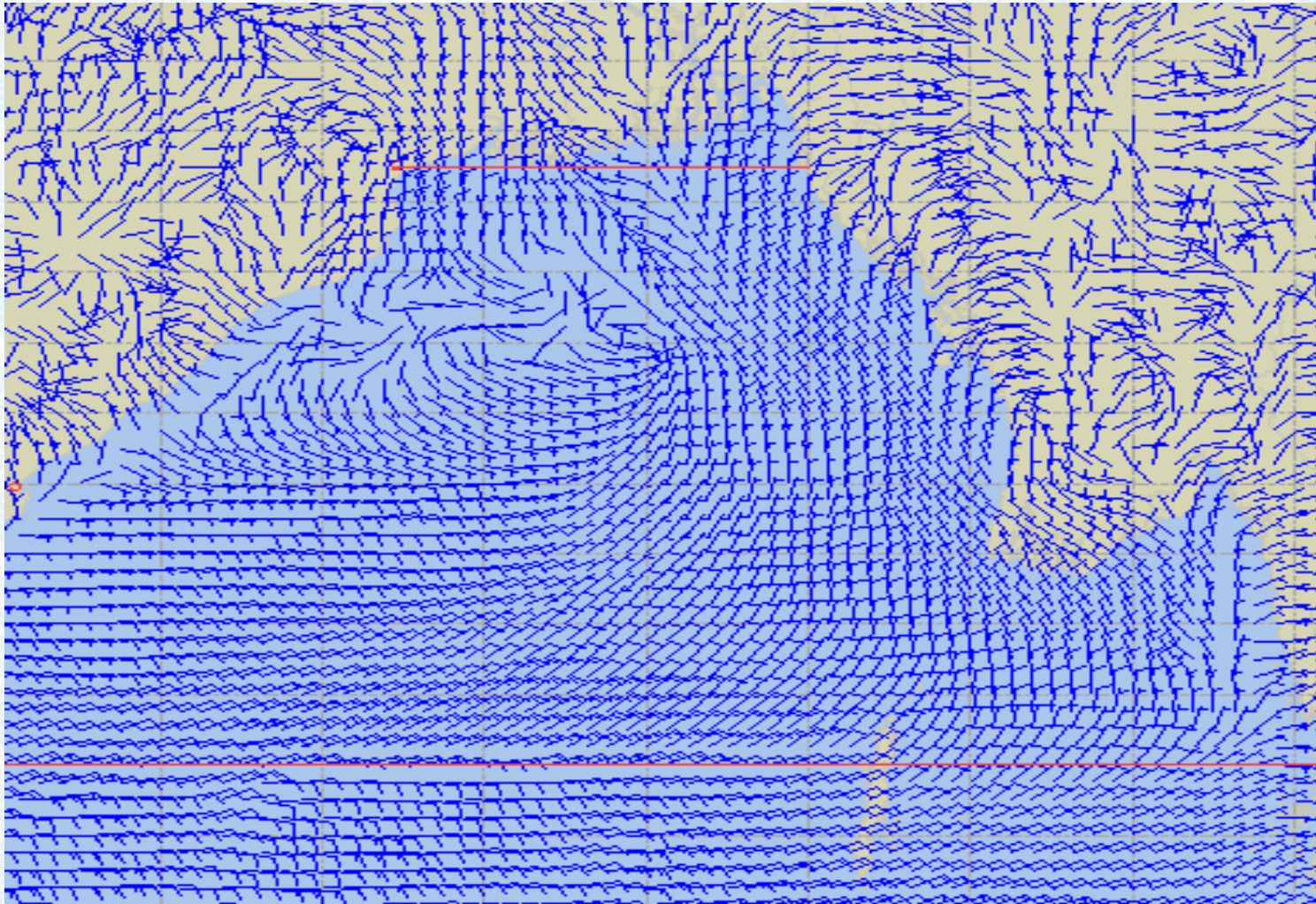
## **Inland River Port Warning** **(VALID TILL 06 PM OF 15.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 400 M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 06-07 HRS COMMENCING 05 AM OF 14.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



# Surface Wind Forecast- 16 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



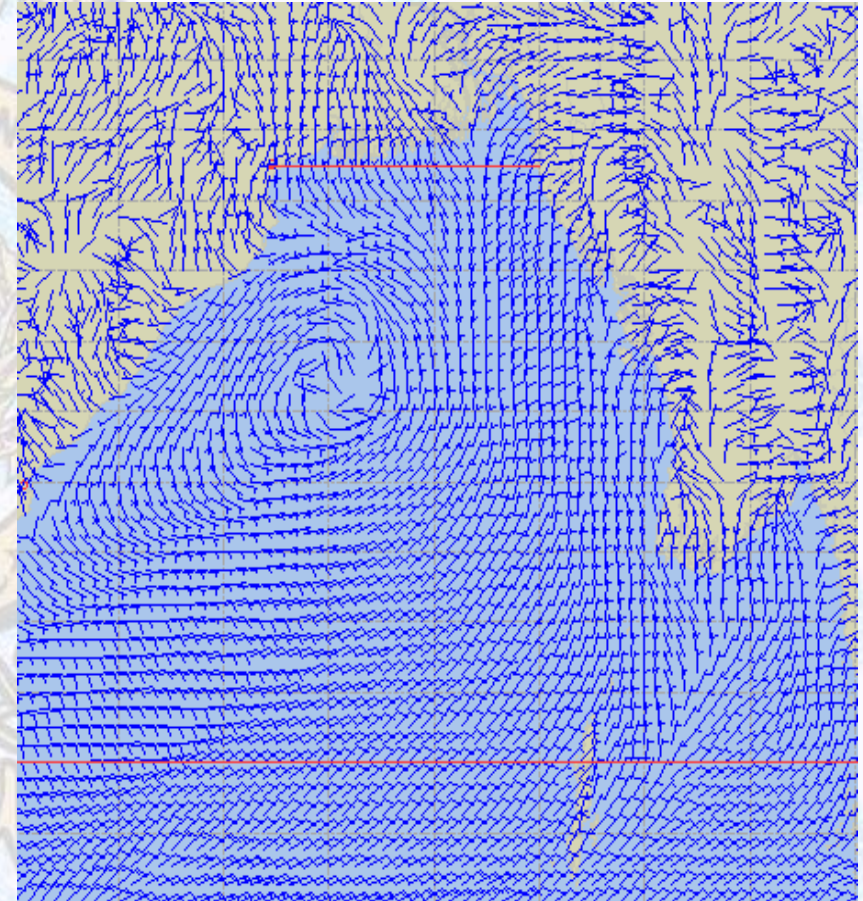
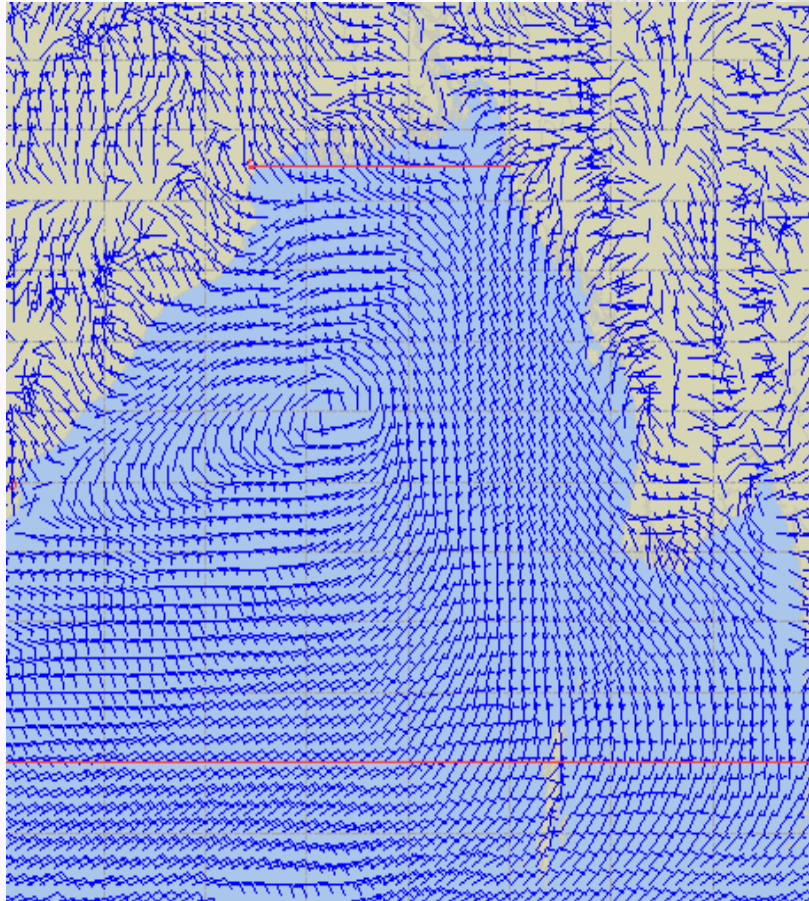
**60 Knots**



# Surface Wind Forecast – 17 & 18 Jan - 2021

17 Jan 21 Sunday

18 Jan 21 Monday



**Legend:**



Calm  
Winds



5 Knots



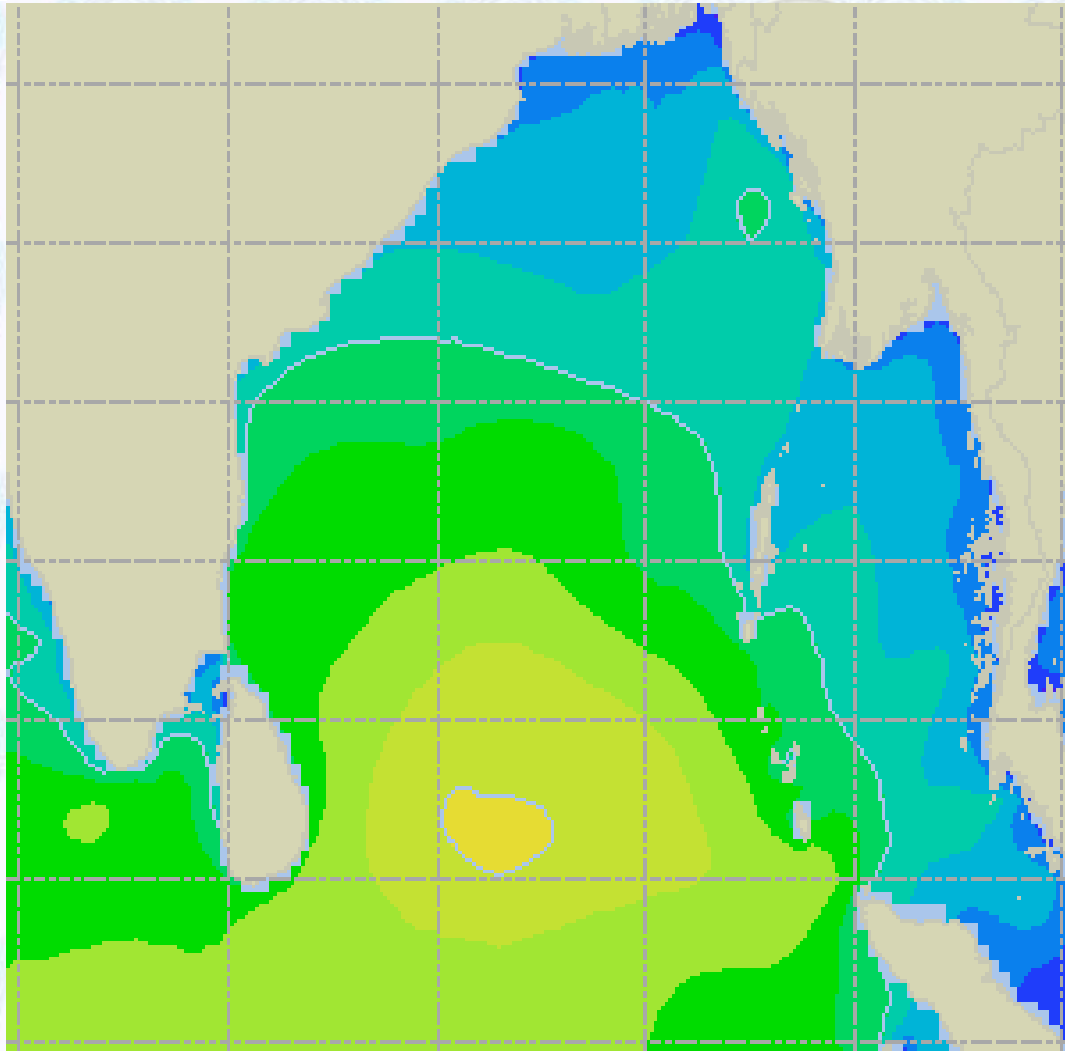
10 Knots



60 Knots



# Sea State Forecast – 16 Jan - 2021



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

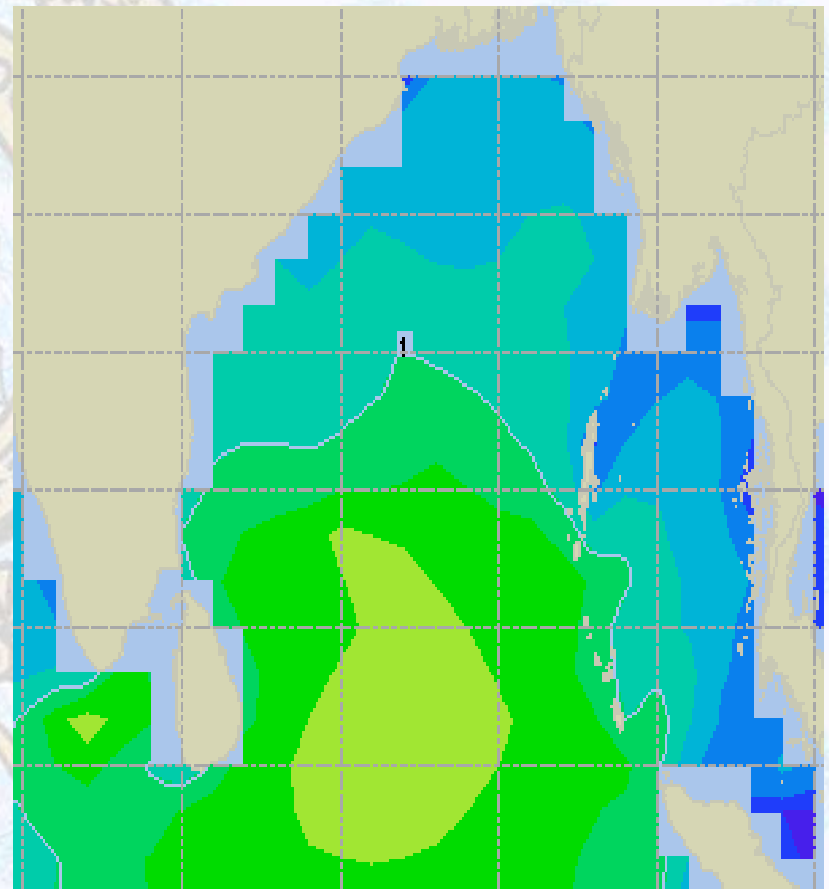
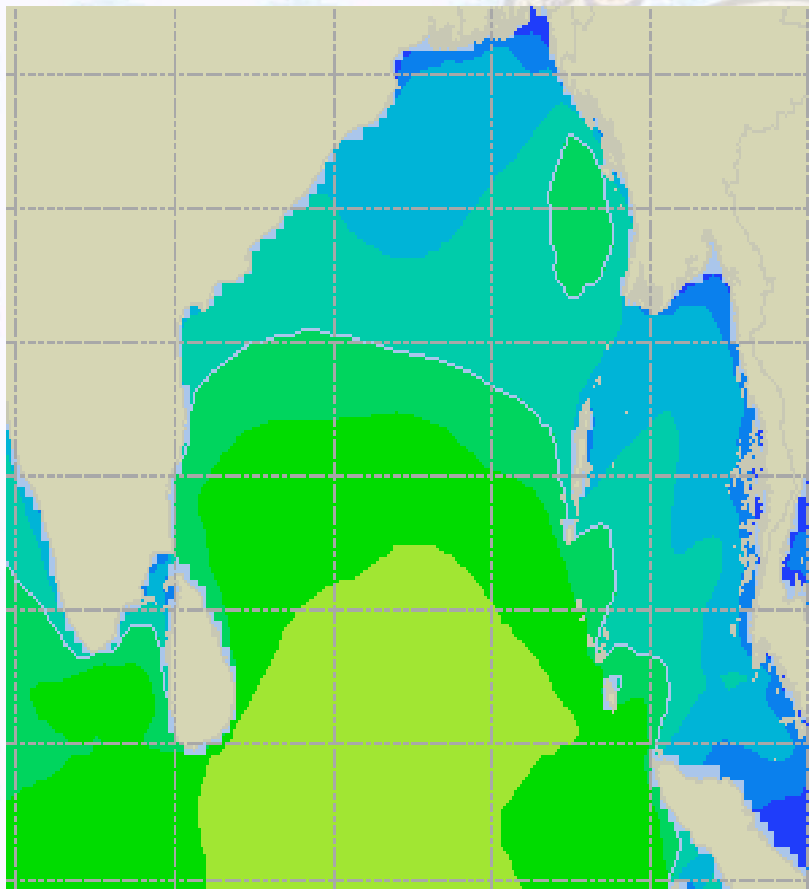




# Sea State Forecast – 17 & 18 Jan - 2021

17 Jan 21 Sunday

18 Jan 21 Monday

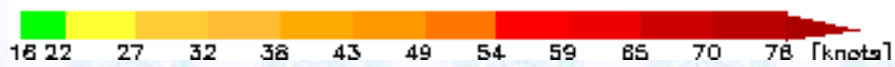
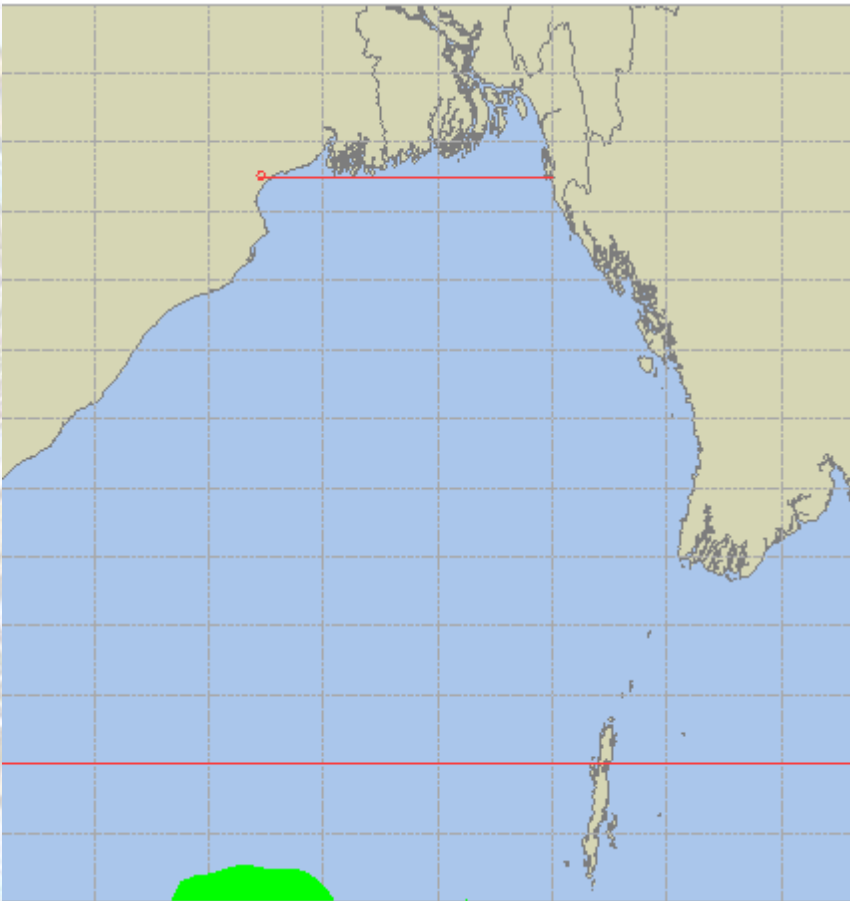
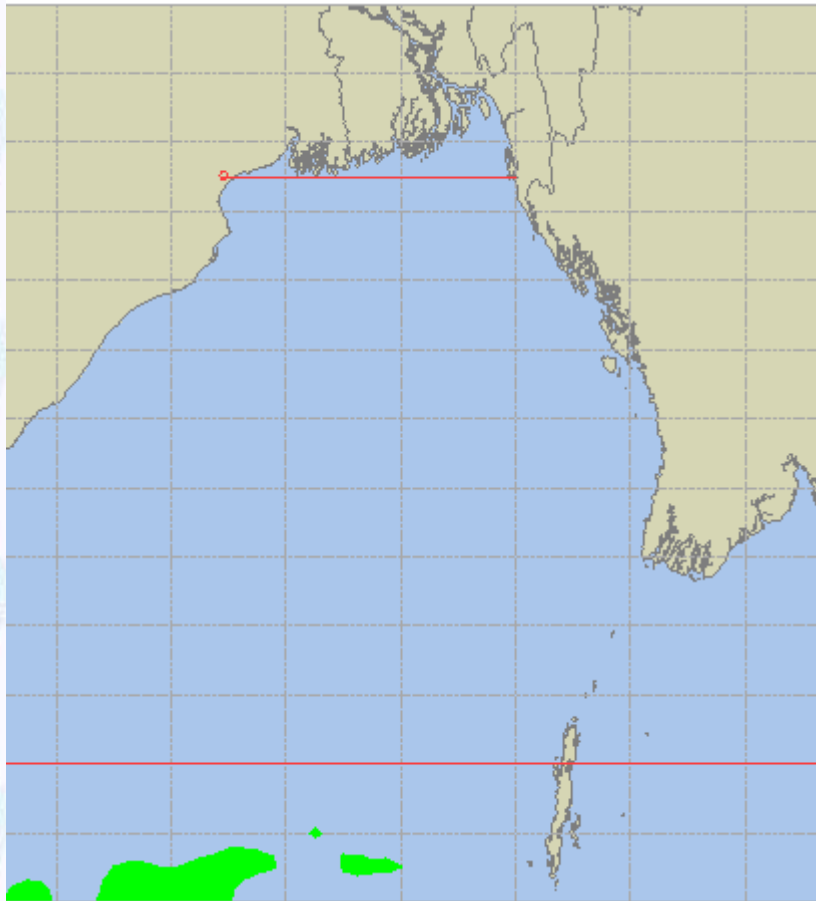




# Peak Gusting Possibilities– 16 & 17 Jan 2021

## 16 Jan 21 Saturday

## 17 Jan 21 Sunday

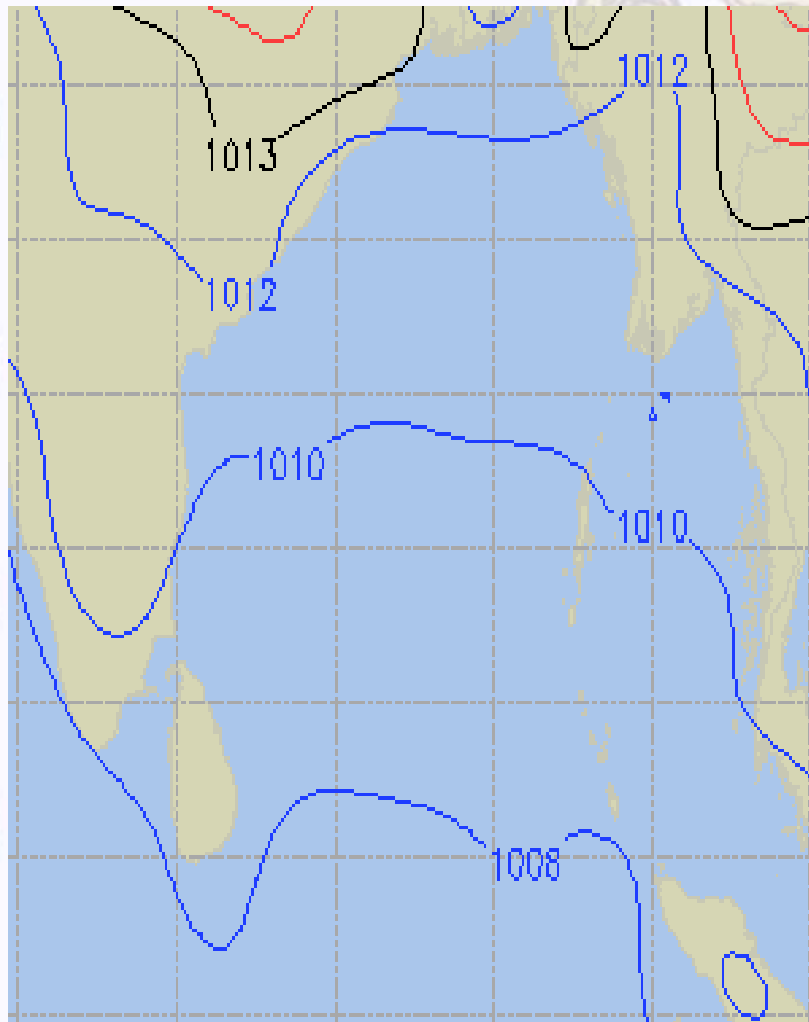




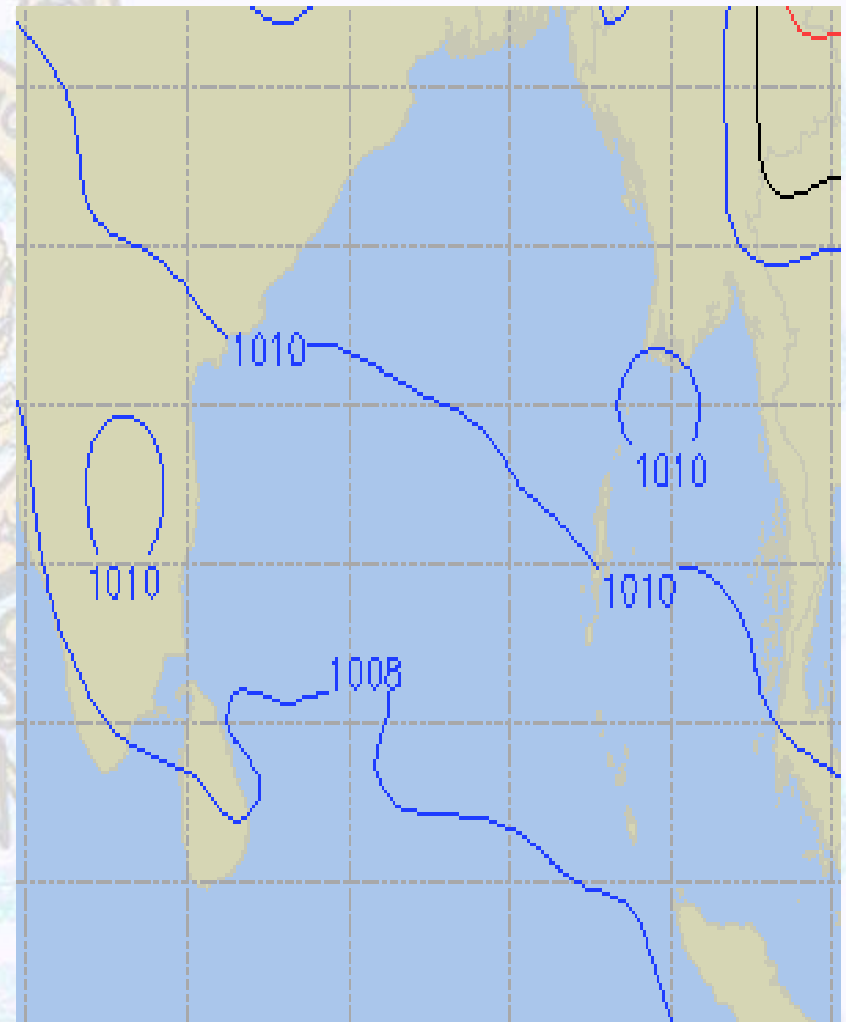


# Surface Pressure forecast – 16 & 17 Jan 2021

16 Jan 21 Saturday



17 Jan 21 Sunday

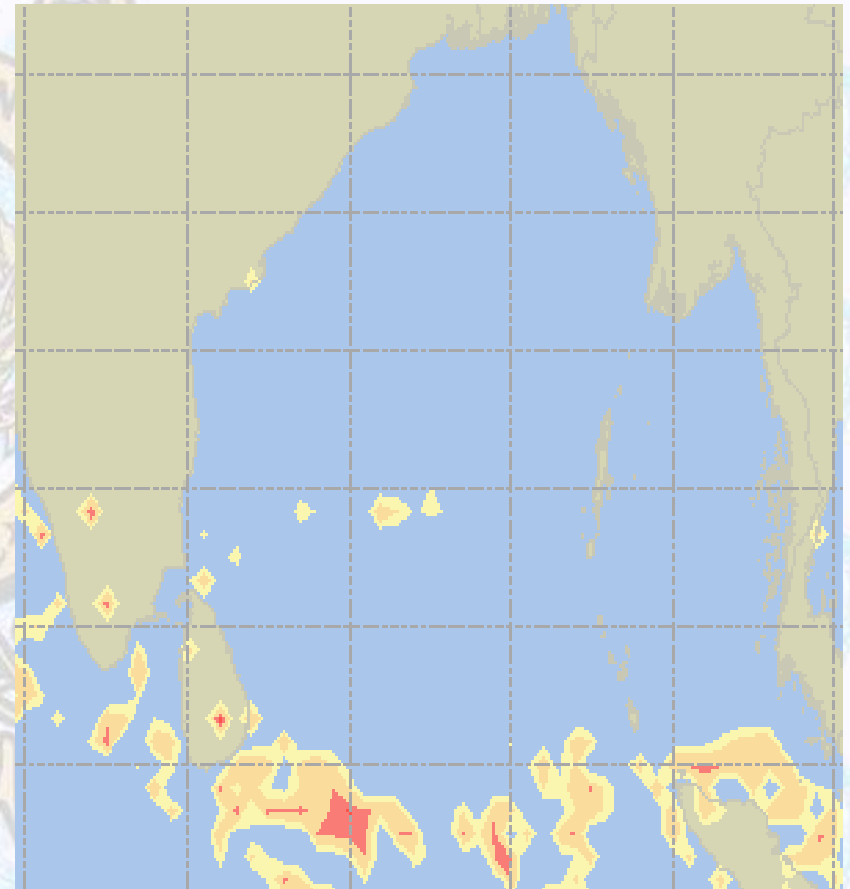
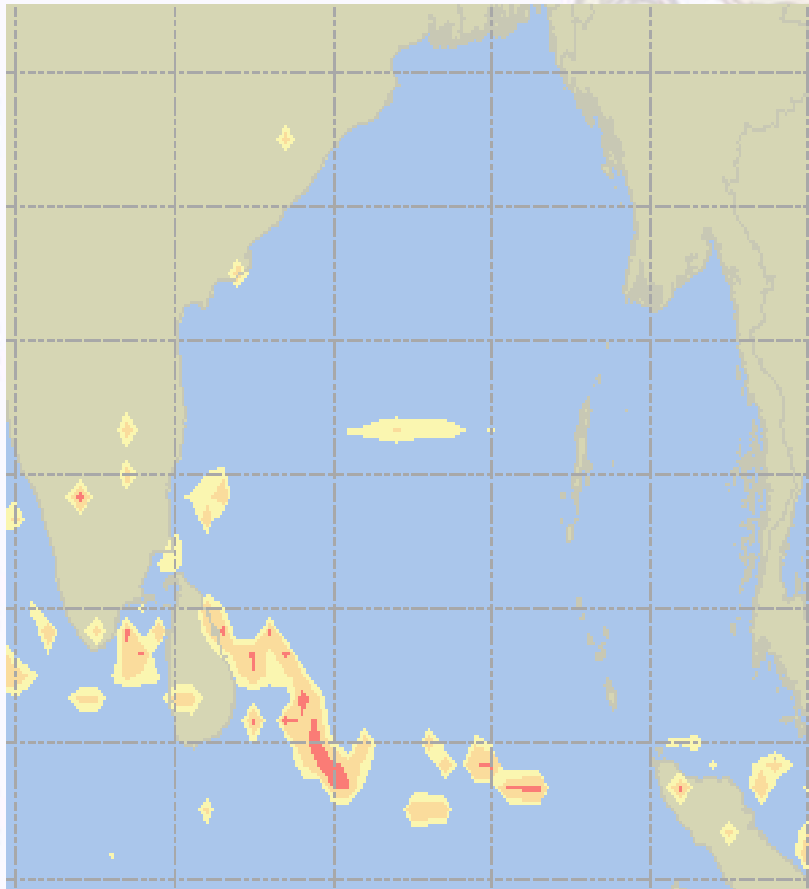




# Visibility at Sea Forecast – 16 & 17 Jan 2021

16 Jan 21 Saturday

17 Jan 21 Sunday



**Visibility Scale:**

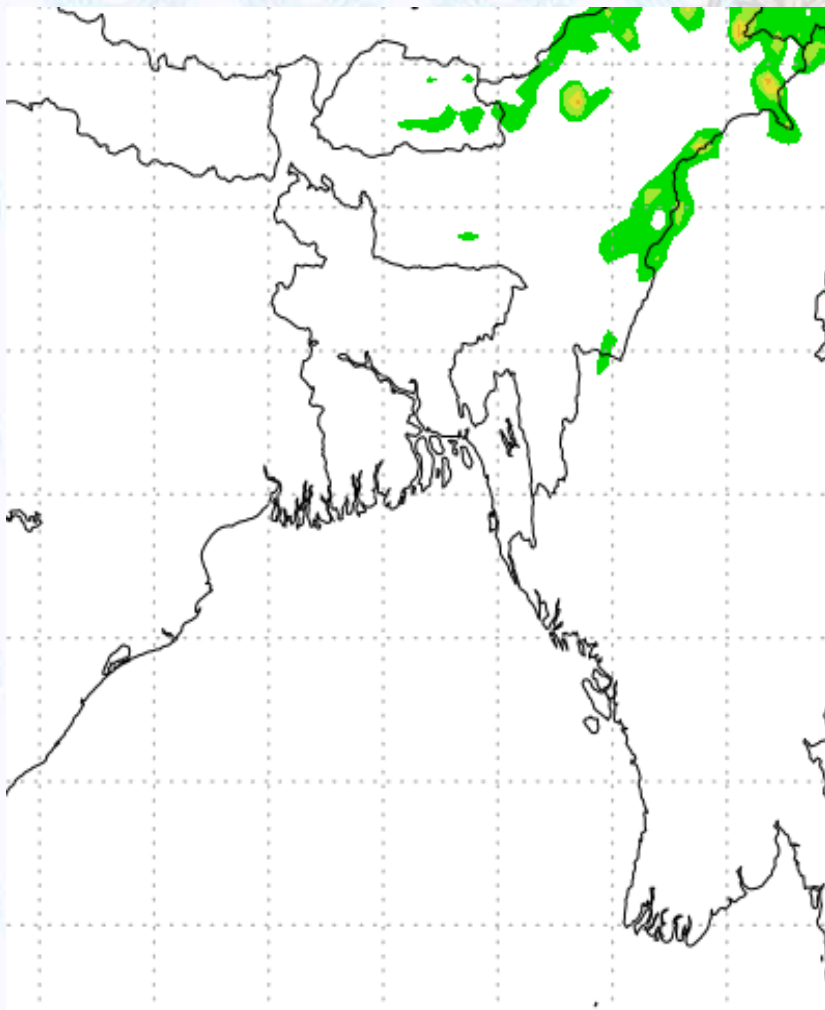


Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>

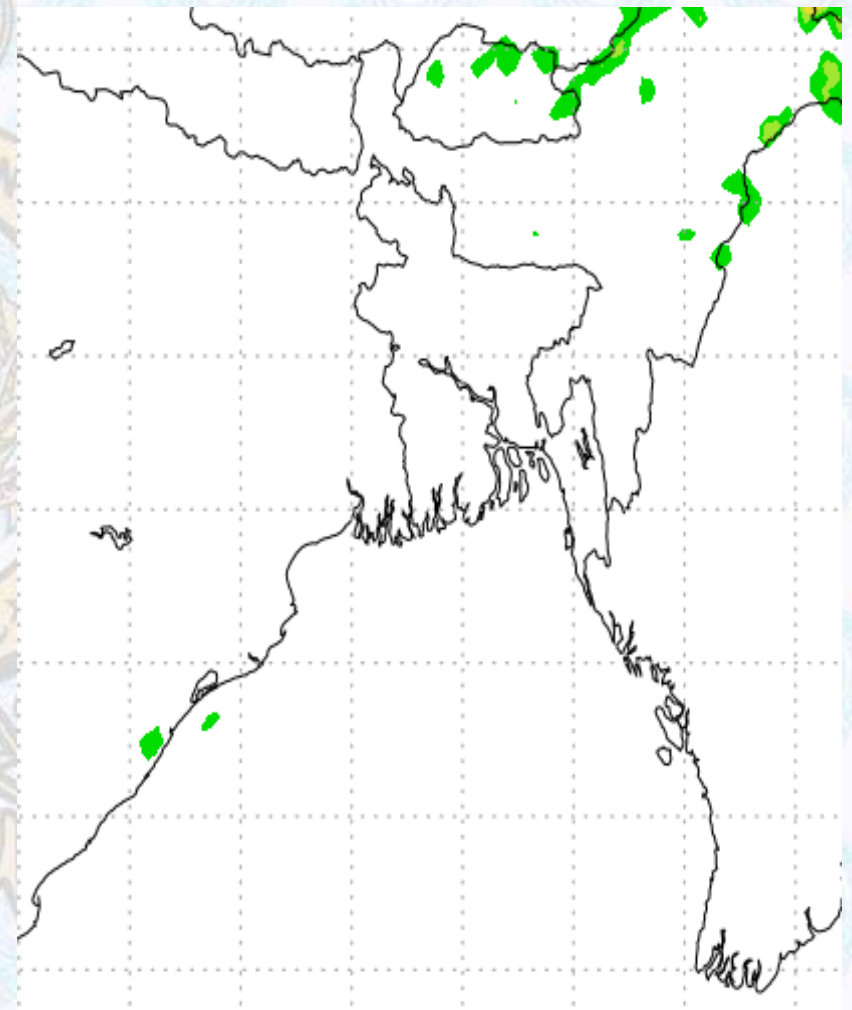


# Precipitation

Rain(mm) 16 & 17 Jan 2021



Rain(mm) 17 & 18 Jan 2021



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>16 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0235	4.45		0025	3.41		0029	2.92
	0927	0.37		0705	0.39		0700	0.50
	1506	4.00		1244	2.89		1252	2.57
	2125	0.55		1911	0.42		1857	0.60
<b>17 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0312	4.39		0103	3.30		0101	2.84
	1002	0.39		0740	0.45		0733	0.55
	1545	3.96		1323	2.80		1326	2.53
	2203	0.65		1946	0.52		1930	0.71
<b>18 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0351	4.23		0140	3.13		0133	2.73
	1036	0.47		0813	0.55		0803	0.63
	1626	3.86		1402	2.68		1401	2.47
	2241	0.80		2022	0.64		2005	0.84