



# **WEATHER FORECAST FOR BN**

***16 JAN - 19 JAN 2021***



# WEATHER FORECAST – DHAKA

## 16.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 13	23 / 12	20 / 13	18 / 13
Wind	8 km/h WNW	8 km/h W	4 km/h NW	4 km/h NNW
Humidity	53%	51%	66%	74%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	8%	15%	3%	13%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 32 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 1.21 km

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



# WEATHER FORECAST – CHATTOGRAM

## 16.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 12	23 / 12	20 / 15	18 / 15
Wind	10 km/h WNW	9 km/h W	7 km/h WNW	7 km/h N
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 : 1013 hpa

Visibility : 2.50 Km

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



# WEATHER FORECAST – KHULNA

## 16.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 12	24 / 12	19 / 13	17 / 13
Wind	4 km/h WNW	5 km/h WNW	3 km/h NNE	3 km/h NE
Humidity	45%	46%	69%	80%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	7%	7%	13%	13%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 45 AM 17: 38 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 9.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	17 Jan 2021	18 Jan 2021	19 Jan 2021
<b>Temperature (C)</b>	25 °C/ 14 °C	26 °C/ 15 °C	26 °C/ 17 °C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h43m18s/17h34m18s	6h43m12s/17h35m00s	6h43m06s/17h35m42s
<b>Day Length</b>	10h51m00s	10h51m48s	10h52m36s
<b>Moon Rise/ Set</b>	9:46AM 9:33PM	10:20AM 10:25PM	10:52AM 11:16PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 22%	Waxing Crescent, 31%	Waxing Crescent, 41%
<b>Nautical Twilight</b>	05:53,18:08	05:53,18:08	05:54,18:07
<b>Civil Twilight</b>	06:22,17:43	06:22,17:43	06:23,17:42
<b>Humidity</b>	D : 66% N : 80%	D : 66% N : 80%	D : 66% N : 80%
<b>Barometer (mb)</b>	1012	1015	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	7 Km/h NNW	7 Km/h W	10 Km/h SSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	17 Jan 2021	18 Jan 2021	19 Jan 2021
<b>Temperature (C)</b>	25 °C/ 14 °C	26 °C/ 15 °C	25 °C/ 15 °C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h34m48s/17h31m24s	6h34m48s/17h32m00s	6h34m42s/17h32m36s
<b>Day Length</b>	10h56m36s	10h57m12s	10h57m54s
<b>Moon Rise/ Set</b>	9:39AM 9:29PM	10:20AM 10:25PM	10:45AM 11:10PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 22%	Waxing Crescent, 31%	Waxing Crescent, 41%
<b>NauticalTwilight</b>	05:42 18:06	05:42 18:06	05:43 18:05
<b>Civil Twilight</b>	06:12, 17:39	06:12, 17:39	06:13, 17:38
<b>Humidity</b>	D : 63% N : 87%	D : 66% N : 91%	D : 72% N : 94%
<b>Barometer (mb)</b>	1012	1015	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	9 Km/h NNW	9 Km/h NW	9 Km/h SSW

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



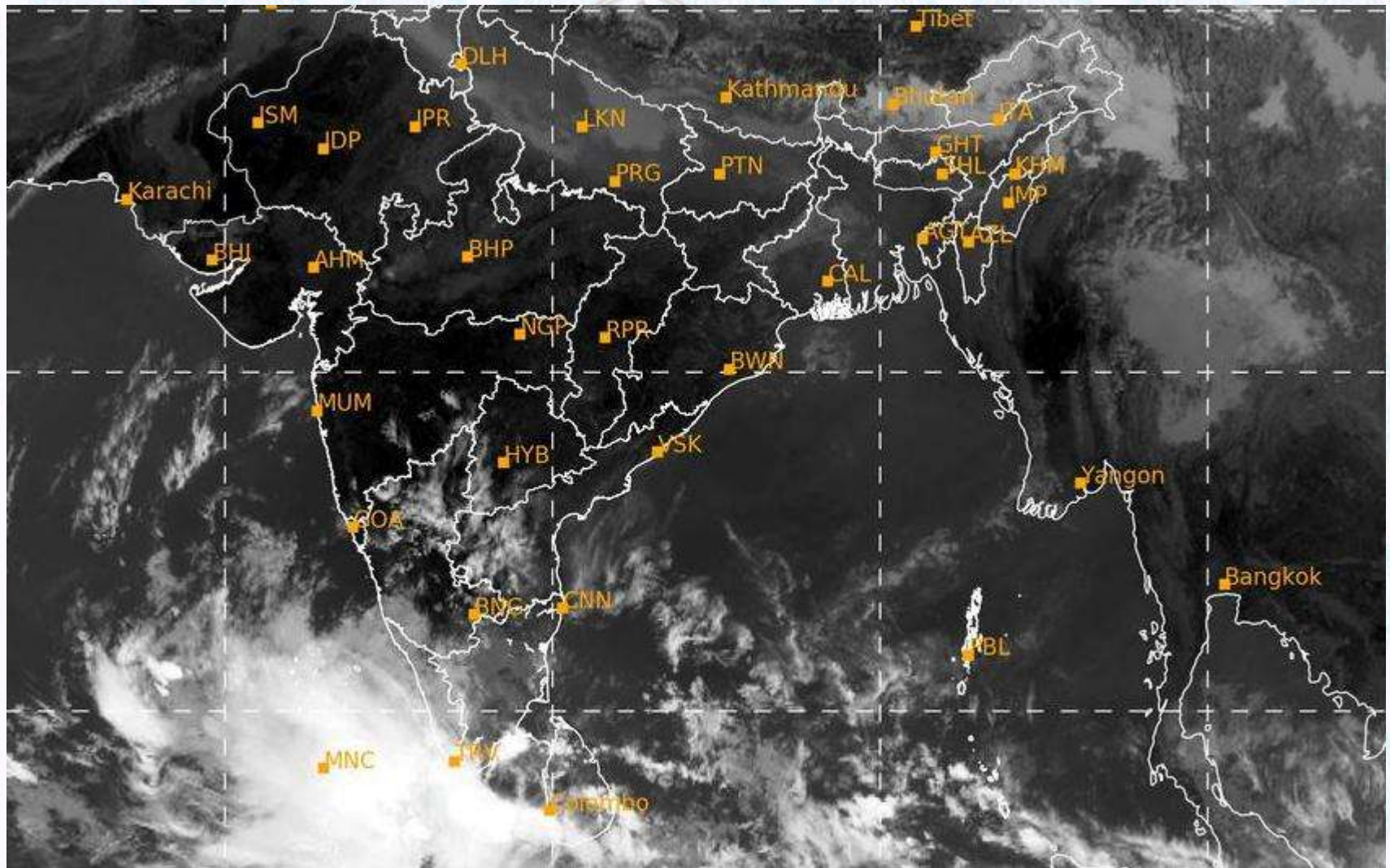
# GENERAL WEATHER FORECAST – KHULNA

Description	17 Jan 2021	18 Jan 2021	19 Jan 2021
<b>Temperature(C)</b>	25°C/ 13°C	26°C/ 14°C	27°C/ 17°C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h44m54s/17h39m36s	6h44m48s/17h40m12s	6h44m42s/17h40m54s
<b>Day Length</b>	10h54m42s	10h55m24s	10h56m12s
<b>Moon Rise/Set</b>	9:49AM 9:38PM	10:23AM 10:29PM	10:55AM 11:19PM
<b>Moon Phase/illu</b>	Waxing Crescent, 22%	Waxing Crescent, 31%	Waxing Crescent, 41%
<b>Nautical Twilight</b>	05:52, 18:13	05:52, 18:13	05:53, 18:12
<b>Civil Twilight</b>	06:20, 17:46	06:20, 17:46	06:21, 17:45
<b>Humidity</b>	D : 64%    N : 81%	D : 63%    N : 79%	D : 64%    N : 84%
<b>Barometer (mb)</b>	1012	1015	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 km/h N	6 km/h WNW	11 km/h SW

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



# SATELLITE VIEW OF BAY OF BENGAL



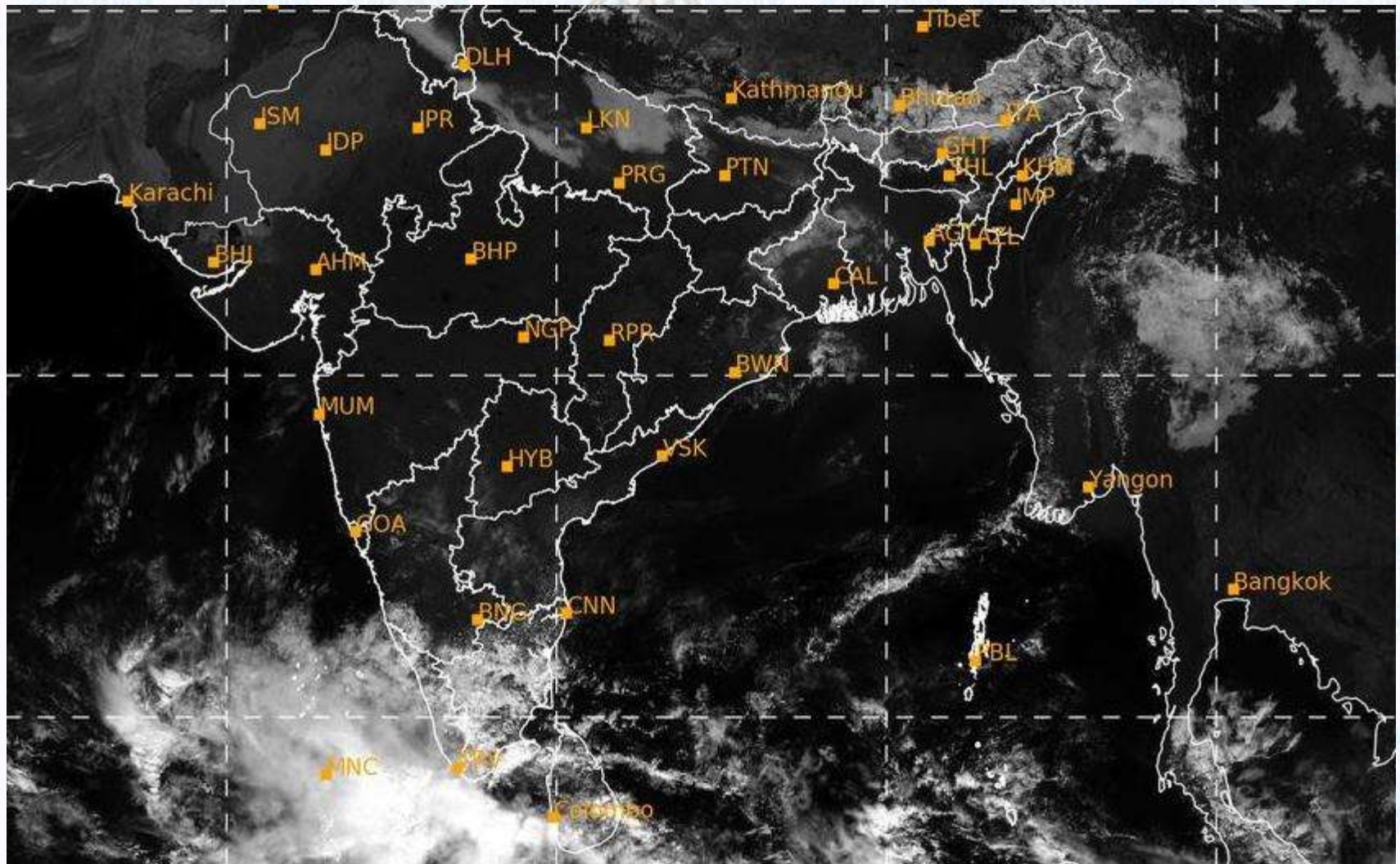
16/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



16/01/2021, 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 16.01.2021)

<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 MIST/FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 16,0000 UTC. CHATTOGRAM =1016 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 16.01.2020)

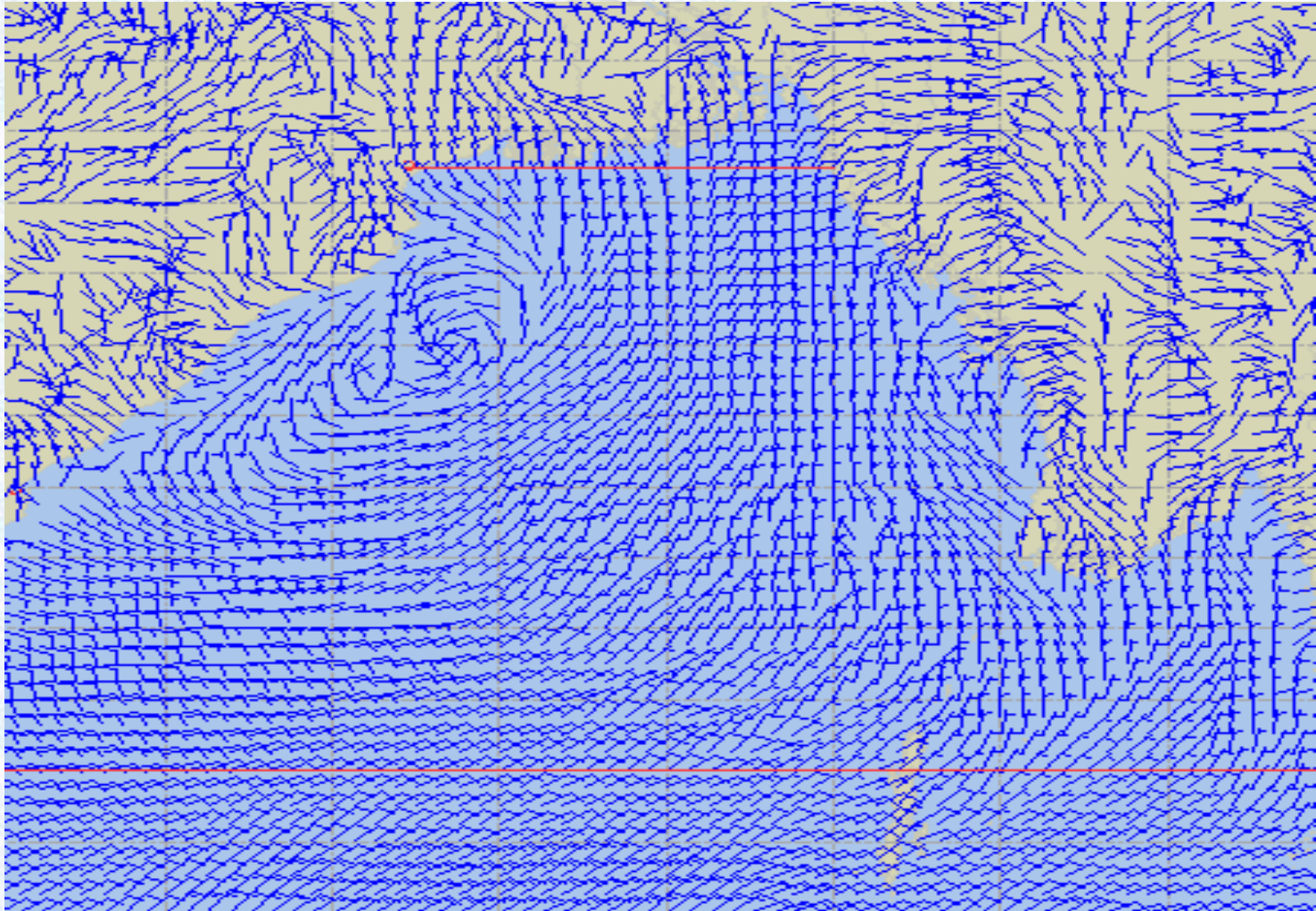
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 17 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



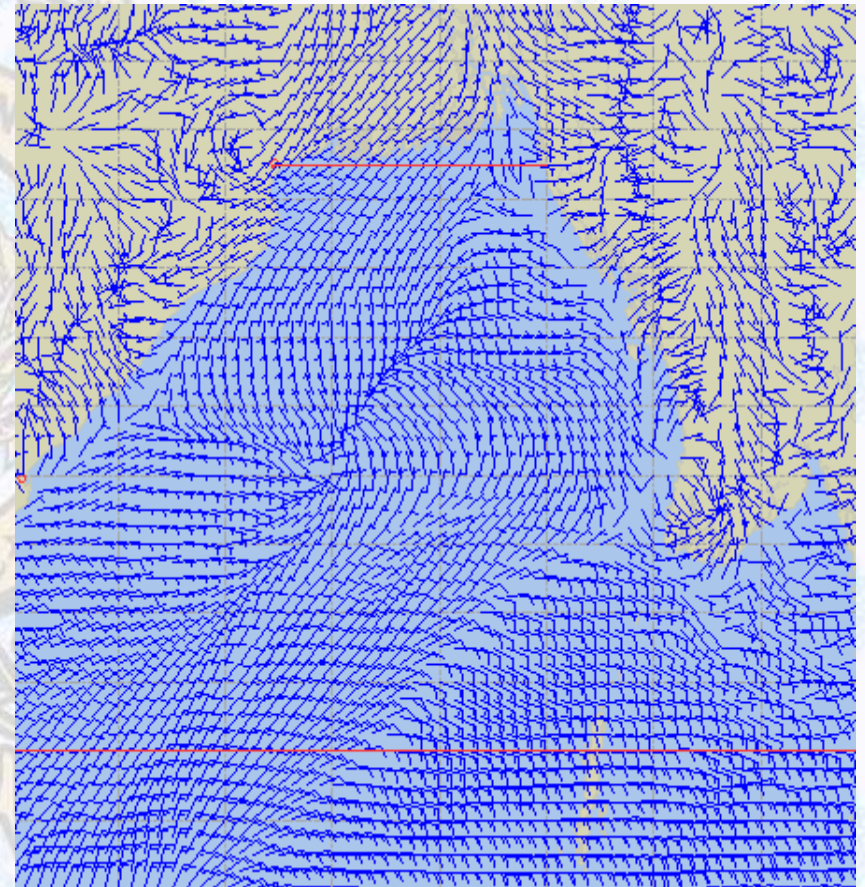
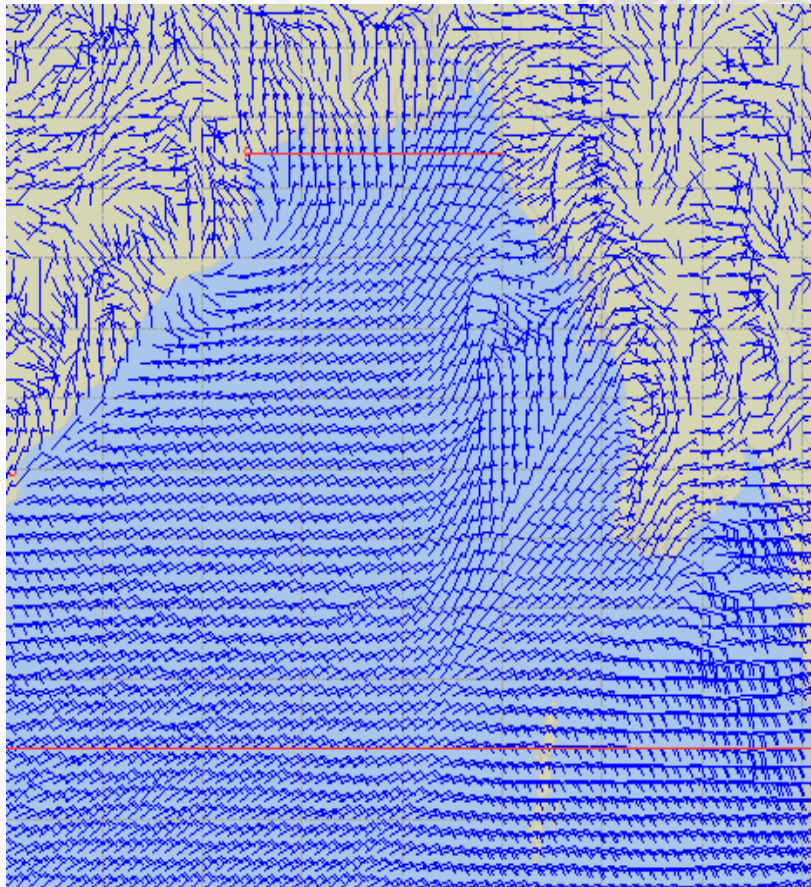
**60 Knots**



# Surface Wind Forecast – 18 & 19 Jan - 2021

18 Jan 21 Monday

19 Jan 21 Tuesday



**Legend:**



Calm  
Winds



5 Knots



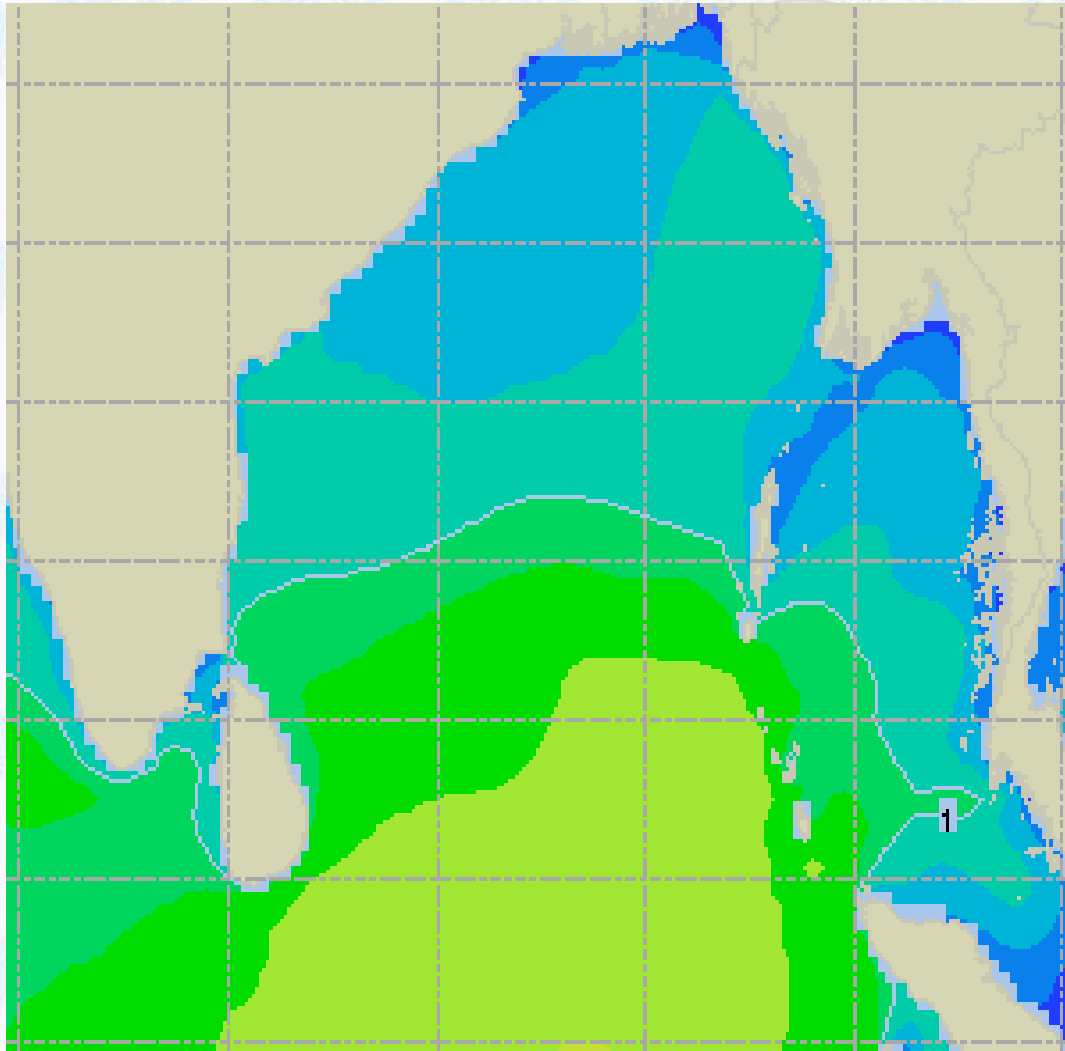
10 Knots



60 Knots



# Sea State Forecast – 17 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

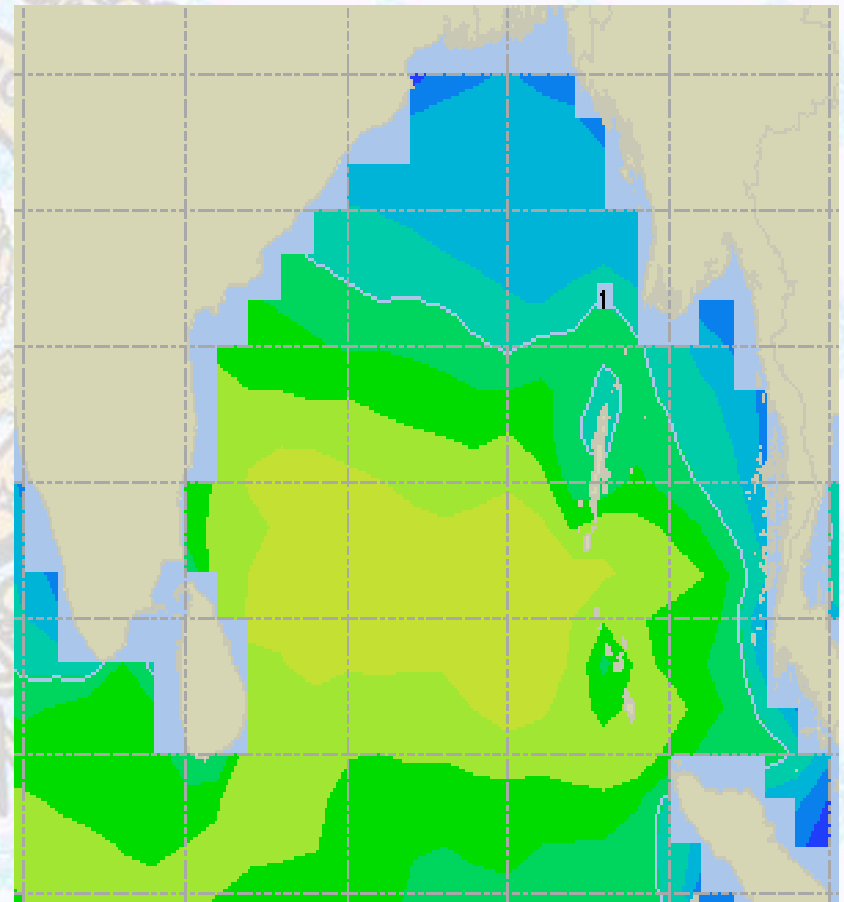
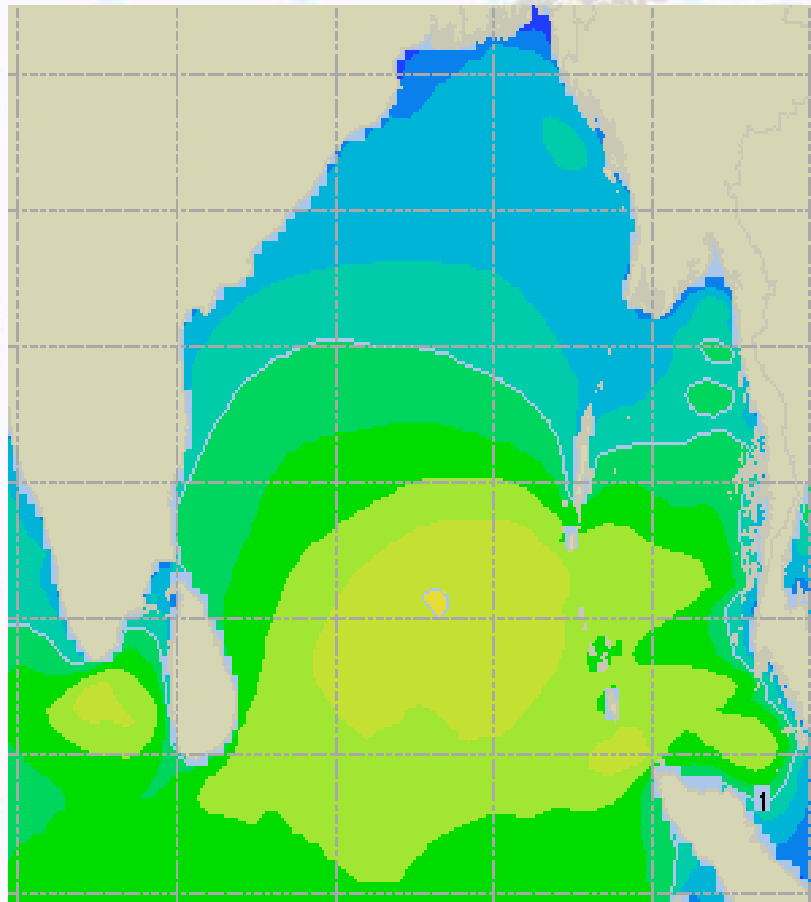




# Sea State Forecast – 18 & 19 Jan - 2021

18 Jan 21 Monday

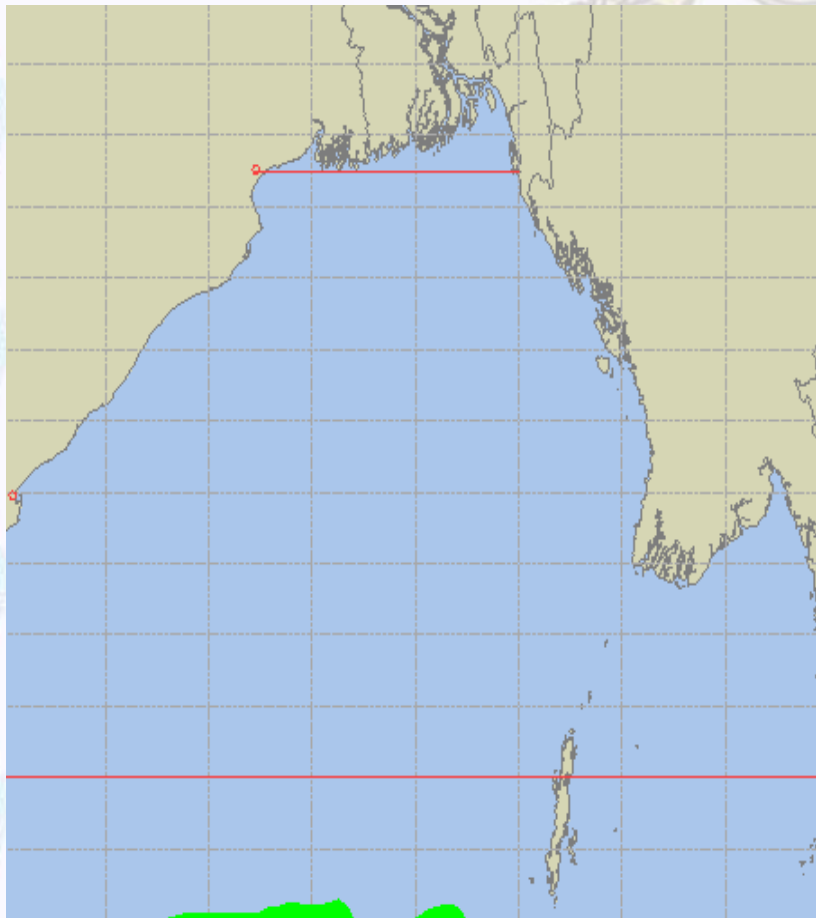
19 Jan 21 Tuesday



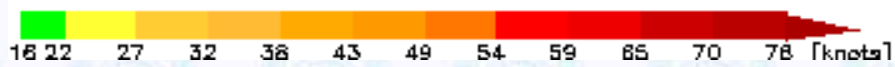
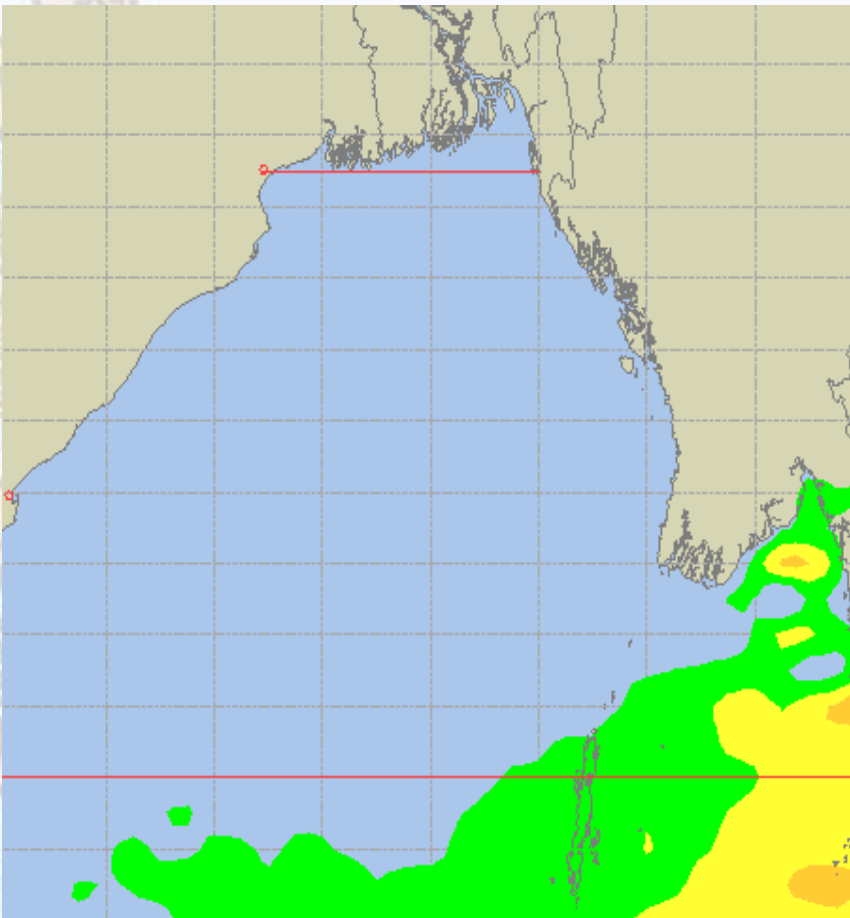


# Peak Gusting Possibilities– 17 & 18 Jan 2021

## 17 Jan 21 Sunday



## 18 Jan 21 Monday

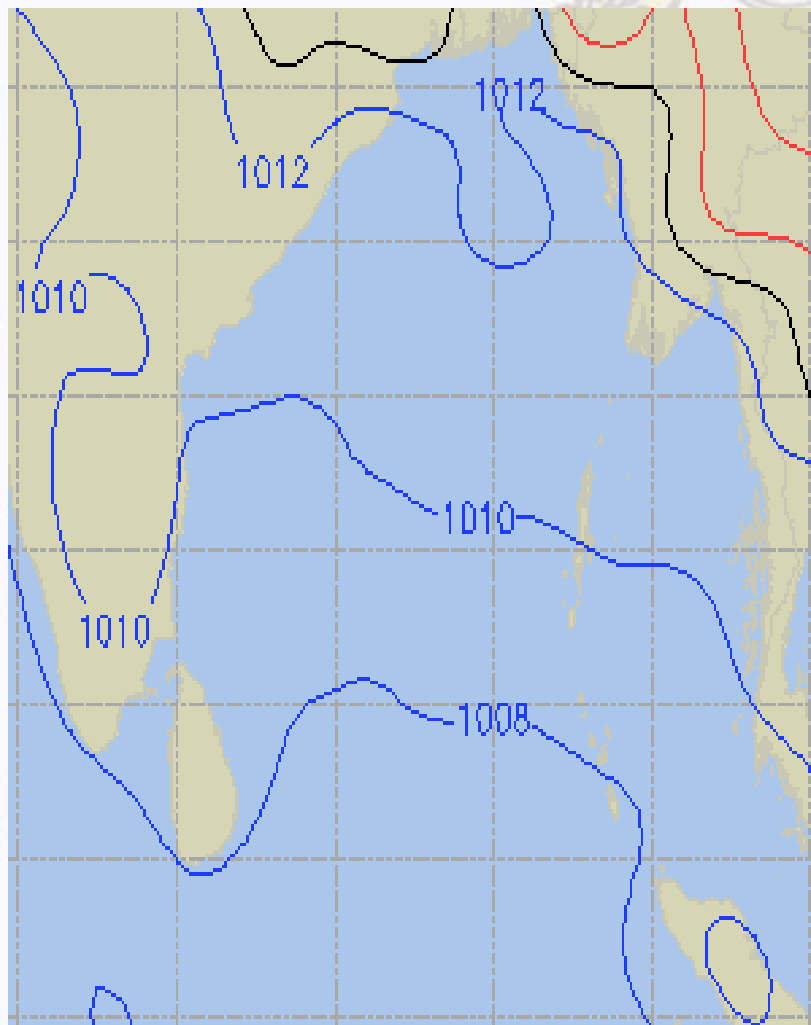




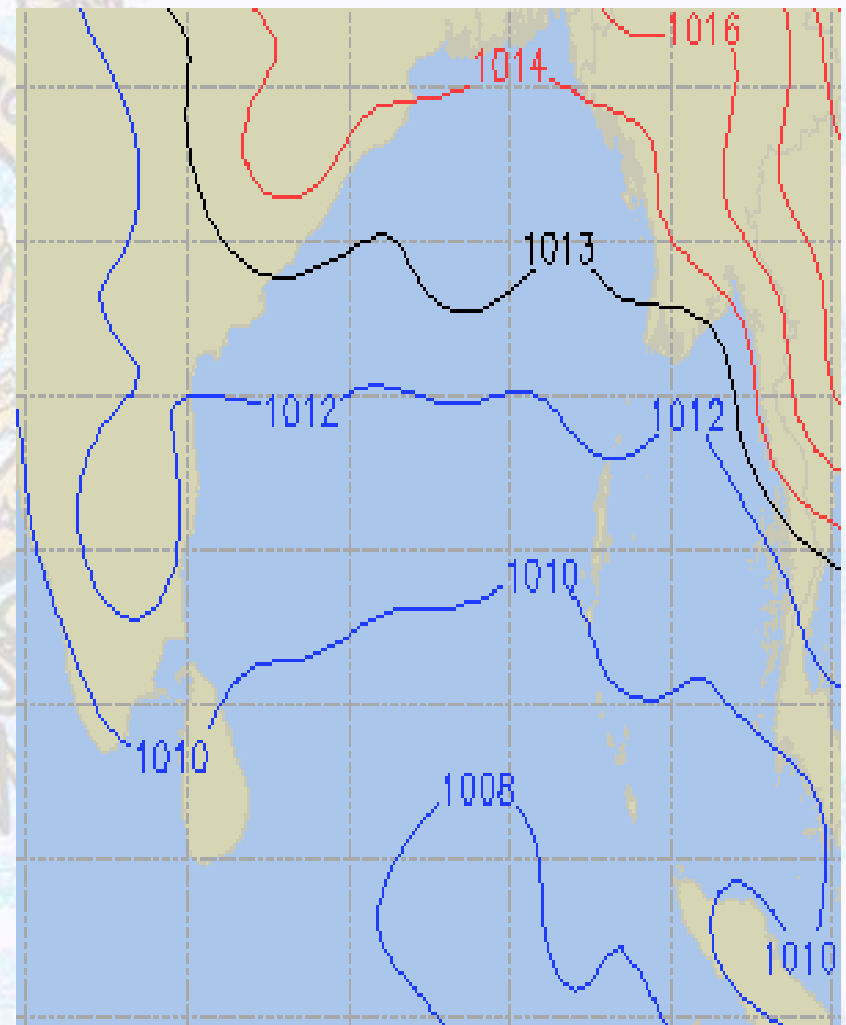


# Surface Pressure forecast – 17 & 18 Jan 2021

17 Jan 21 Sunday



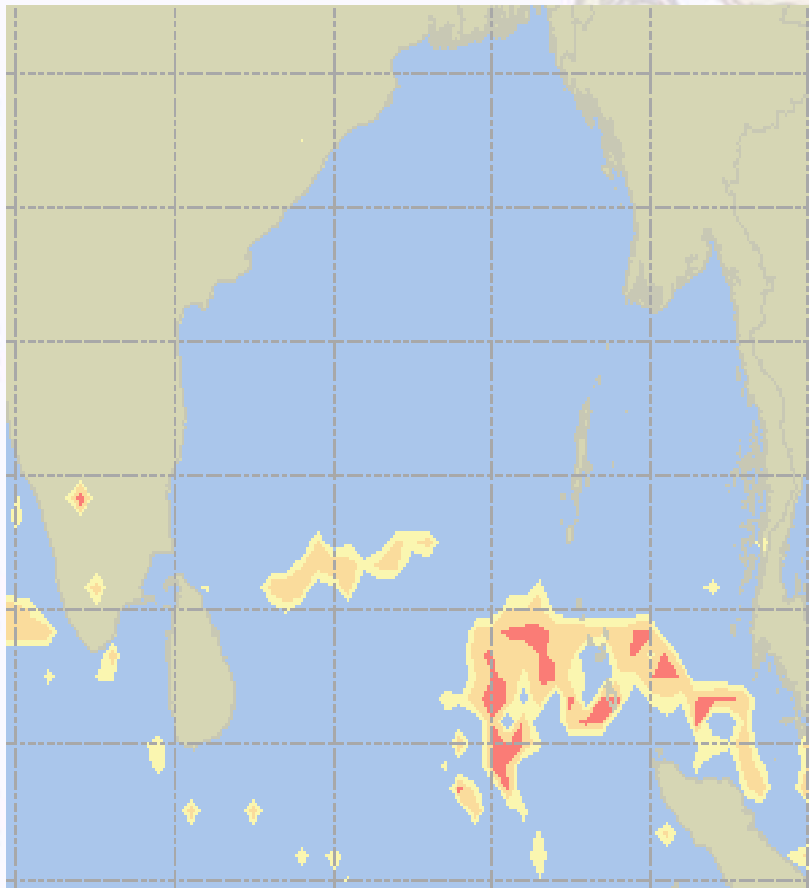
18 Jan 21 Monday



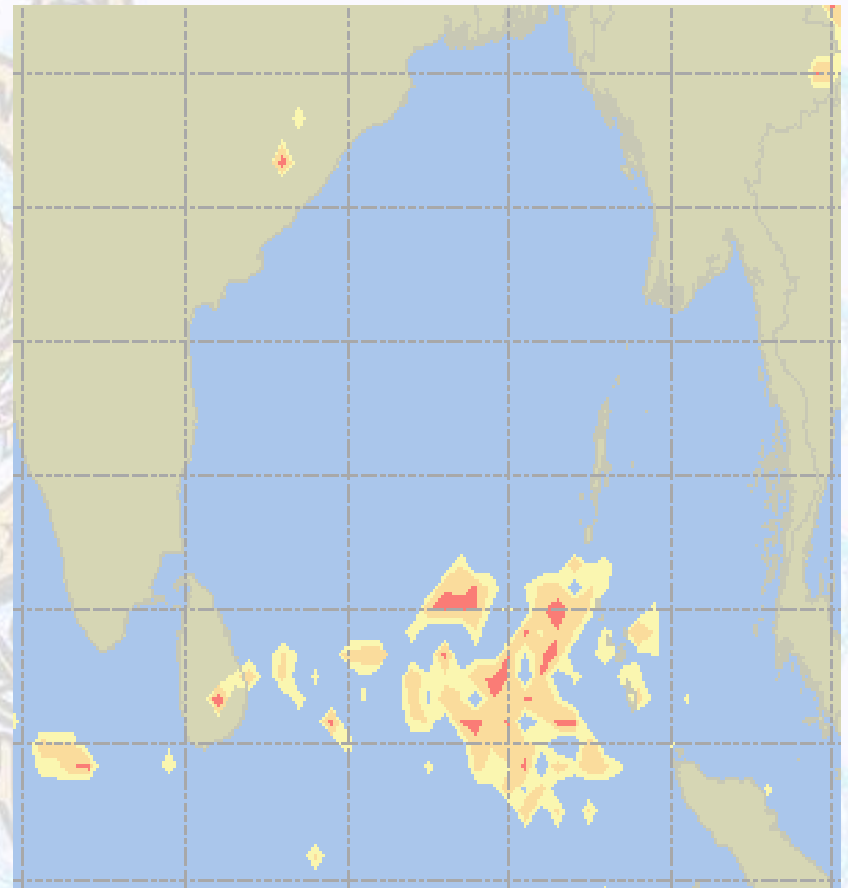


# Visibility at Sea Forecast – 17 & 18 Jan 2021

17 Jan 21 Sunday



18 Jan 21 Monday



**Visibility Scale:**



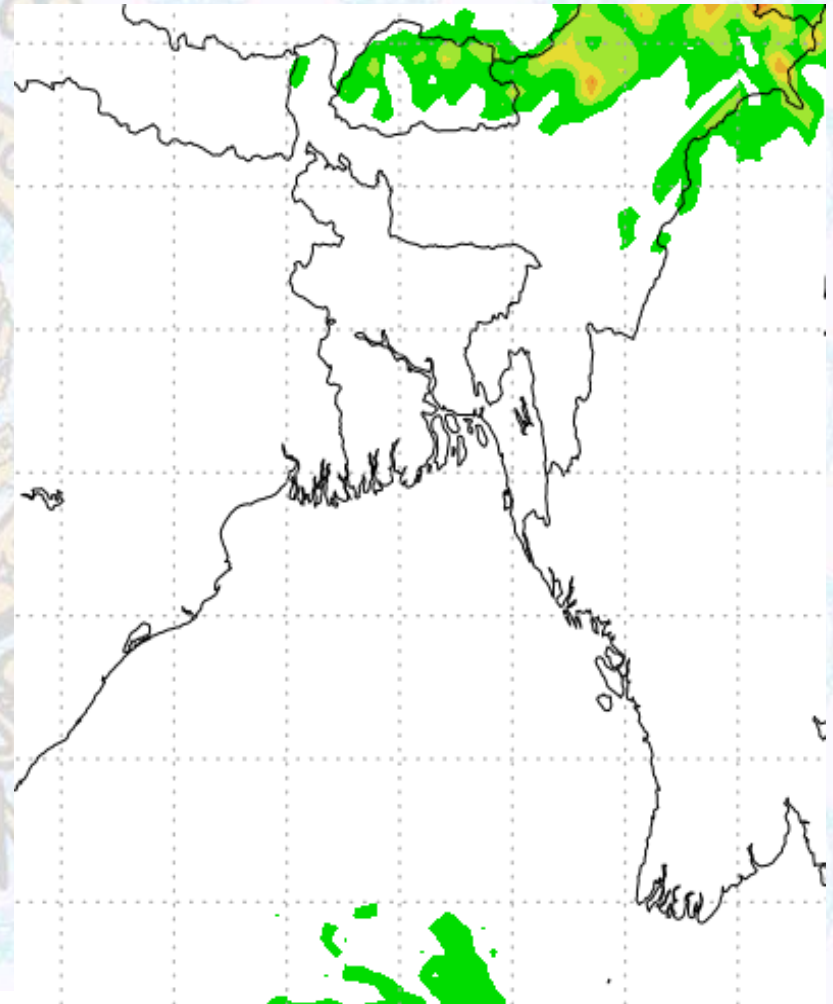
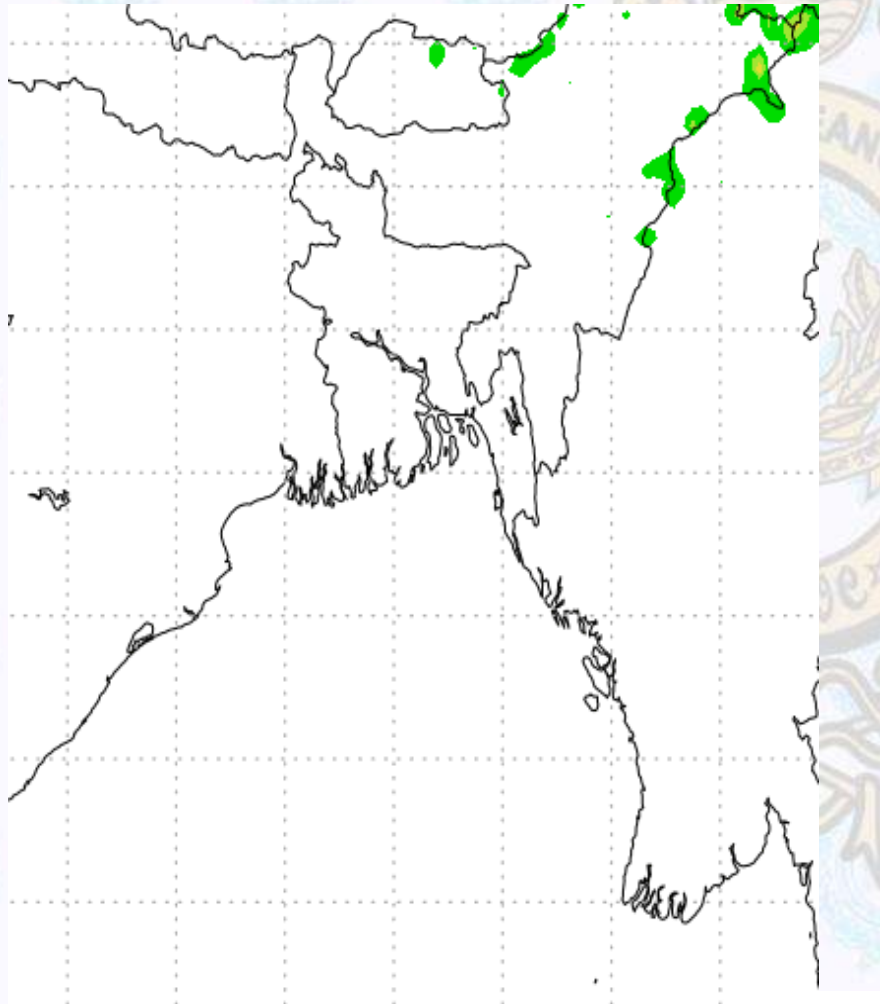
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 17 & 18 Jan 2021

Rain(mm) 18 & 19 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<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
<b>19 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0433	3.98		0218	2.92		0205	2.59
	1111	0.60		0845	0.67		0834	0.72
	1711	3.72		1442	2.54		1439	2.39
	2324	0.99		2100	0.77		2042	0.98