



# WEATHER FORECAST FOR BN

**19 JAN - 22 JAN 2021**



# WEATHER FORECAST – DHAKA

## 19.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 16	24 / 15	21 / 16	20 / 16
Wind	10 km/h WSW	9 km/h SW	4 km/h SSE	5 km/h S
Humidity	62%	58%	71%	79%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	26%	13%	4%	25%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 35 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 0.31 km

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





# WEATHER FORECAST – CHATTOGRAM

## 19.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 15	23 / 16	20 / 18	19 / 17
Wind	9 km/h WSW	8 km/h WSW	4 km/h SW	2 km/h SSE
Humidity	61%	65%	88%	90%
Chance of Precip.	1%	1%	5%	6%
Cloud Cover	6%	4%	10%	12%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 32 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 0.55 Km

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



# WEATHER FORECAST – KHULNA

## 19.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 15	25 / 15	21 / 17	19 / 17
Wind	9 km/h SW	8 km/h SW	9 km/h SSW	5 km/h SSW
Humidity	54%	54%	77%	87%
Chance of Precip.	1%	1%	2%	6%
Cloud Cover	10%	14%	9%	6%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 44 AM 17: 40 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 5.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	20 Jan 2021	21 Jan 2021	22 Jan 2021
<b>Temperature (C)</b>	25 °C/ 18 °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>	6h43m00s/17h36m24s	6h42m54s/17h37m06s	6h42m42s/17h37m54s
<b>Day Length</b>	10h53m24s	10h54m12s	10h55m12s
<b>Moon Rise/ Set</b>	11:24AM -	11:55AM 12:06AM	12:29AM 12:56AM
<b>Moon Phase/ illu</b>	First Quarter, 41%	First Quarter, 51%	Waxing Gibbous, 60%
<b>Nautical Twilight</b>	05:50,18:28	05:50,18:28	05:49,18:29
<b>Civil Twilight</b>	06:18,18:00	06:18,18:01	06:17,18:01
<b>Humidity</b>	D : 84% N : 92%	D : 78% N : 81%	D : 71% N : 77%
<b>Barometer (mb)</b>	1012	1012	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	25%	15%	5%
<b>Wind (mph)</b>	11 Km/h SSW	8 Km/h WNW	6 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	20 Jan 2021	21 Jan 2021	22 Jan 2021
<b>Temperature (C)</b>	25 °C/ 17 °C	25 °C/ 16 °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>	6h34m42s/17h33m18s	6h34m36s/17h33m54s	6h34m24s/17h34m42s
<b>Day Length</b>	10h58m36s	10h59m18s	11h00m18s
<b>Moon Rise/ Set</b>	11:19AM 11:59PM	11:51AM -	12:25AM 12:49AM
<b>Moon Phase/ illu</b>	First Quarter, 51%	First Quarter, 51%	Waxing Gibbous, 60%
<b>NauticalTwilight</b>	05:43 18:24	05:43 18:25	05:42 18:25
<b>Civil Twilight</b>	06:10, 17:57	06:10, 17:57	06:09, 17:58
<b>Humidity</b>	D : 72% N : 97%	D : 79% N : 98%	D : 74% N : 85%
<b>Barometer (mb)</b>	1013	1013	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	20%	10%
<b>Wind (mph)</b>	8 Km/h SSW	9 Km/h SSW	9 Km/h NW

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





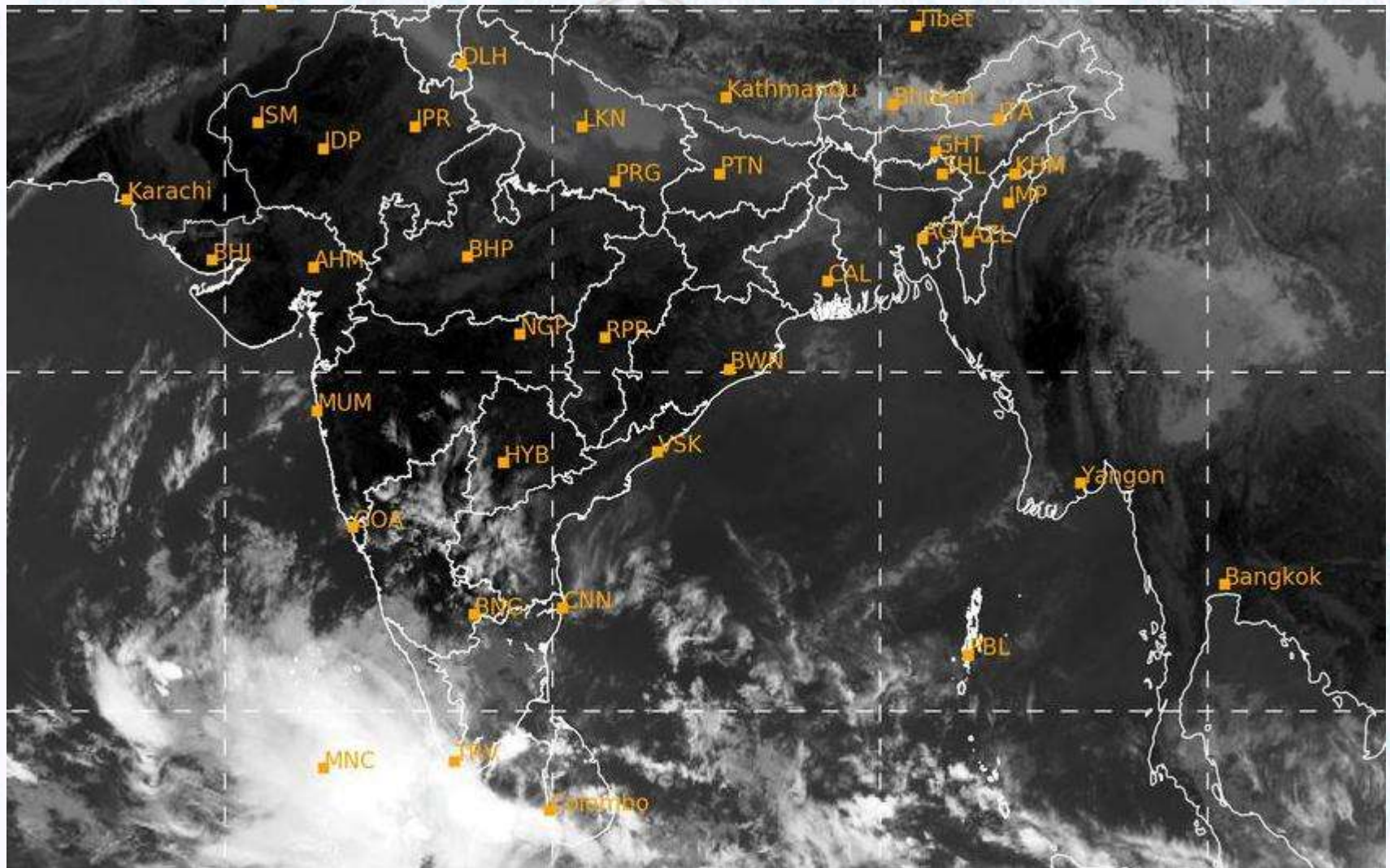
# GENERAL WEATHER FORECAST – KHULNA

Description	20 Jan 2021	21 Jan 2021	22 Jan 2021
<b>Temperature(C)</b>	27°C/ 16°C	27°C/ 14°C	25°C/ 14°C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h44m42s/17h41m30s	6h44m36s/17h42m06s	6h44m24s/17h42m54s
<b>Day Length</b>	10h56m48s	10h57m30s	10h58m30s
<b>Moon Rise/Set</b>	11:27AM -	12:00AM 12:08AM	12:33AM 12:59AM
<b>Moon Phase/illu</b>	First Quarter, 41%	First Quarter, 51%	Waxing Gibbous, 60%
<b>Nautical Twilight</b>	05:52, 18:32	05:52, 18:33	05:51, 18:33
<b>Civil Twilight</b>	06:20, 18:05	06:20, 18:06	06:19, 18:07
<b>Humidity</b>	D : 80% N : 91%	D : 70% N : 79%	D : 64% N : 74%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	10%	5%
<b>Wind (mph)</b>	10 km/h SW	8 km/h NNW	7 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



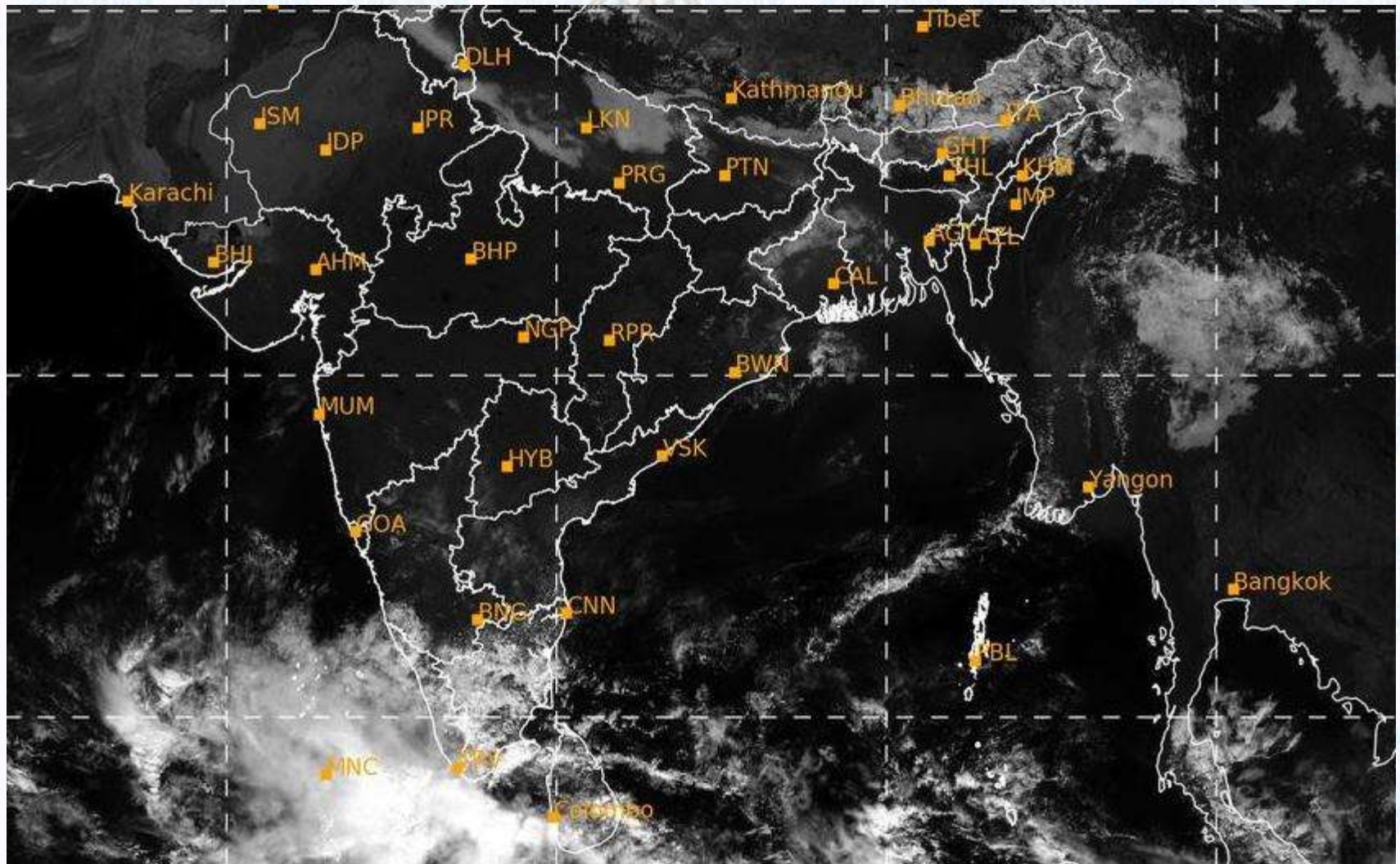
19/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



19/01/2021, 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 19.01.2021)

<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	WEST/SOUTH-WESTERLY, 08-12 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 19,0000 UTC. CHATTOGRAM =1015 HPA





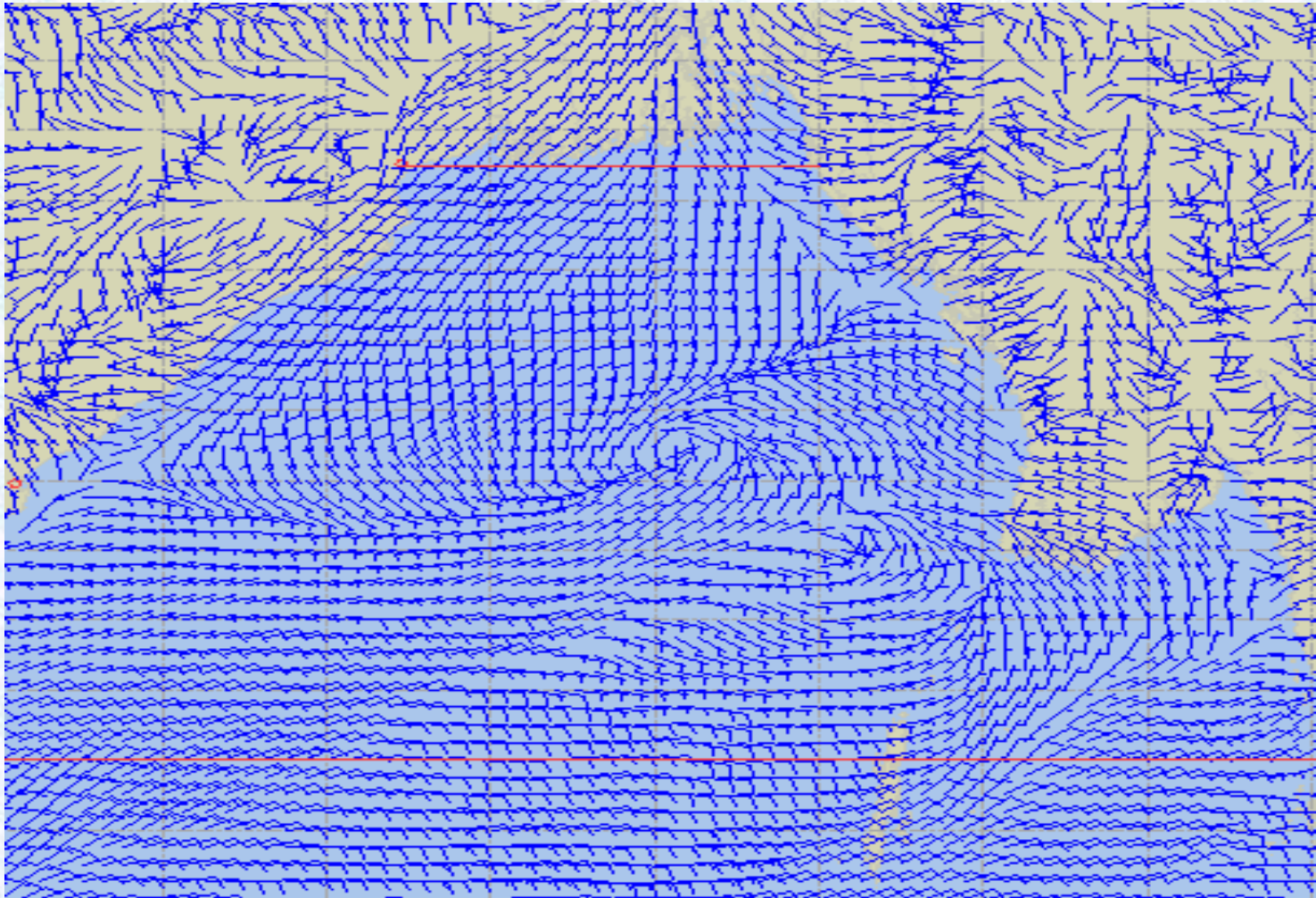
## **Inland River Port Warning** **(VALID TILL 06 PM OF 19.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 500M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 03-04 HRS COMMENCING 09:00 AM OF 19.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



# Surface Wind Forecast- 20 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

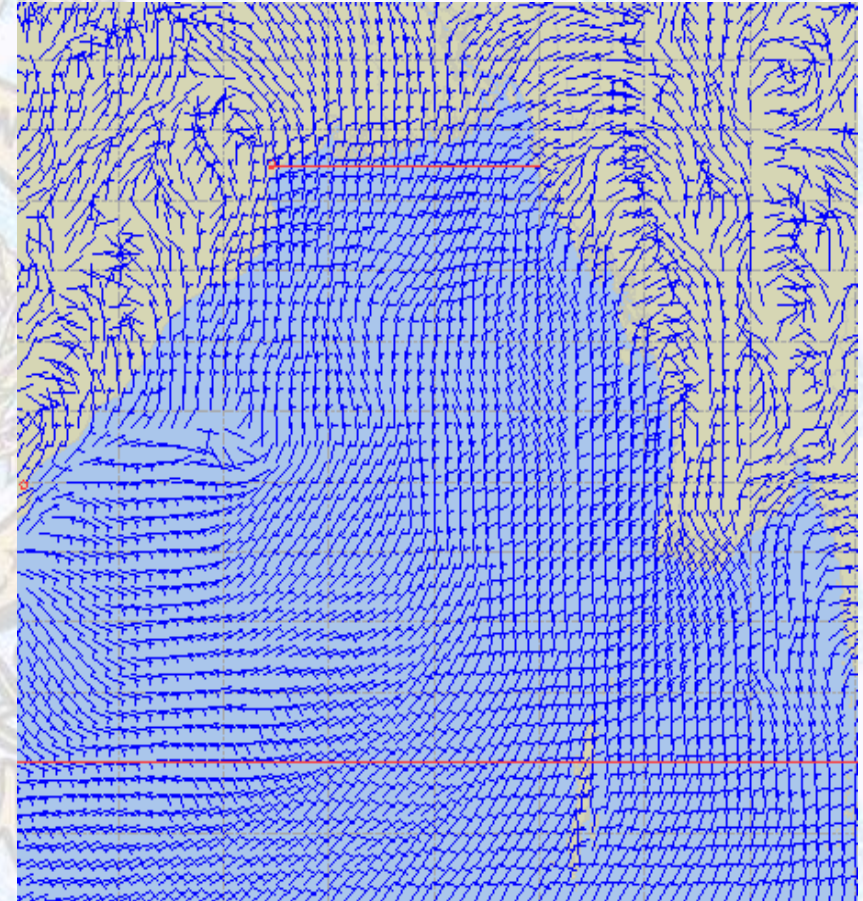
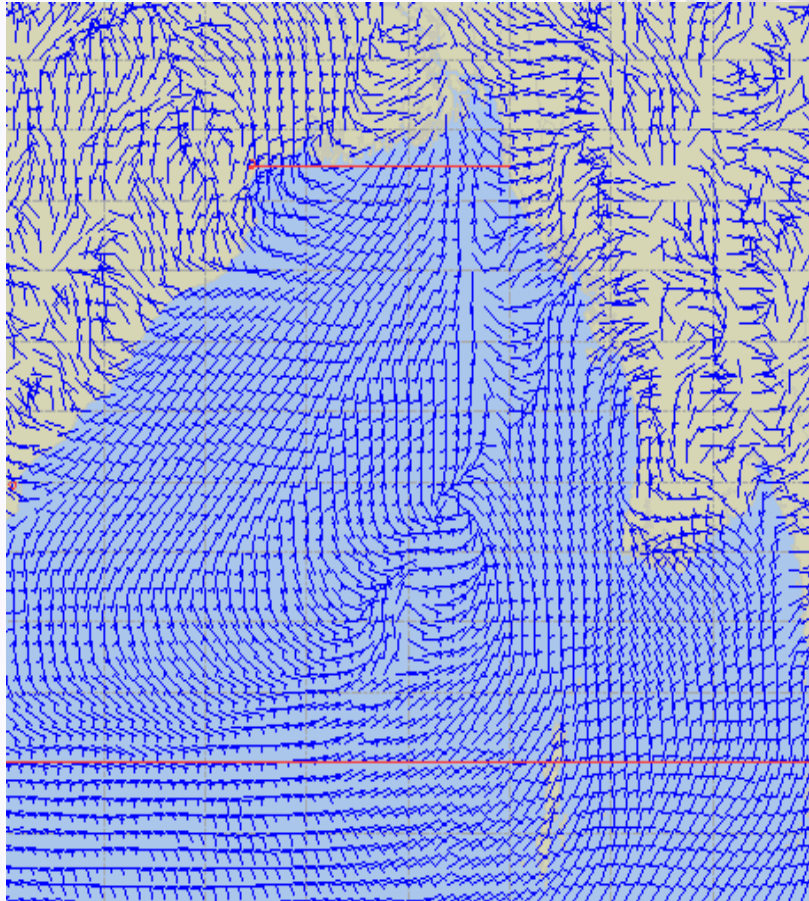




# Surface Wind Forecast – 21 & 22 Jan - 2021

21 Jan 21 Thursday

22 Jan 21 Friday



**Legend:**



Calm  
Winds



5 Knots



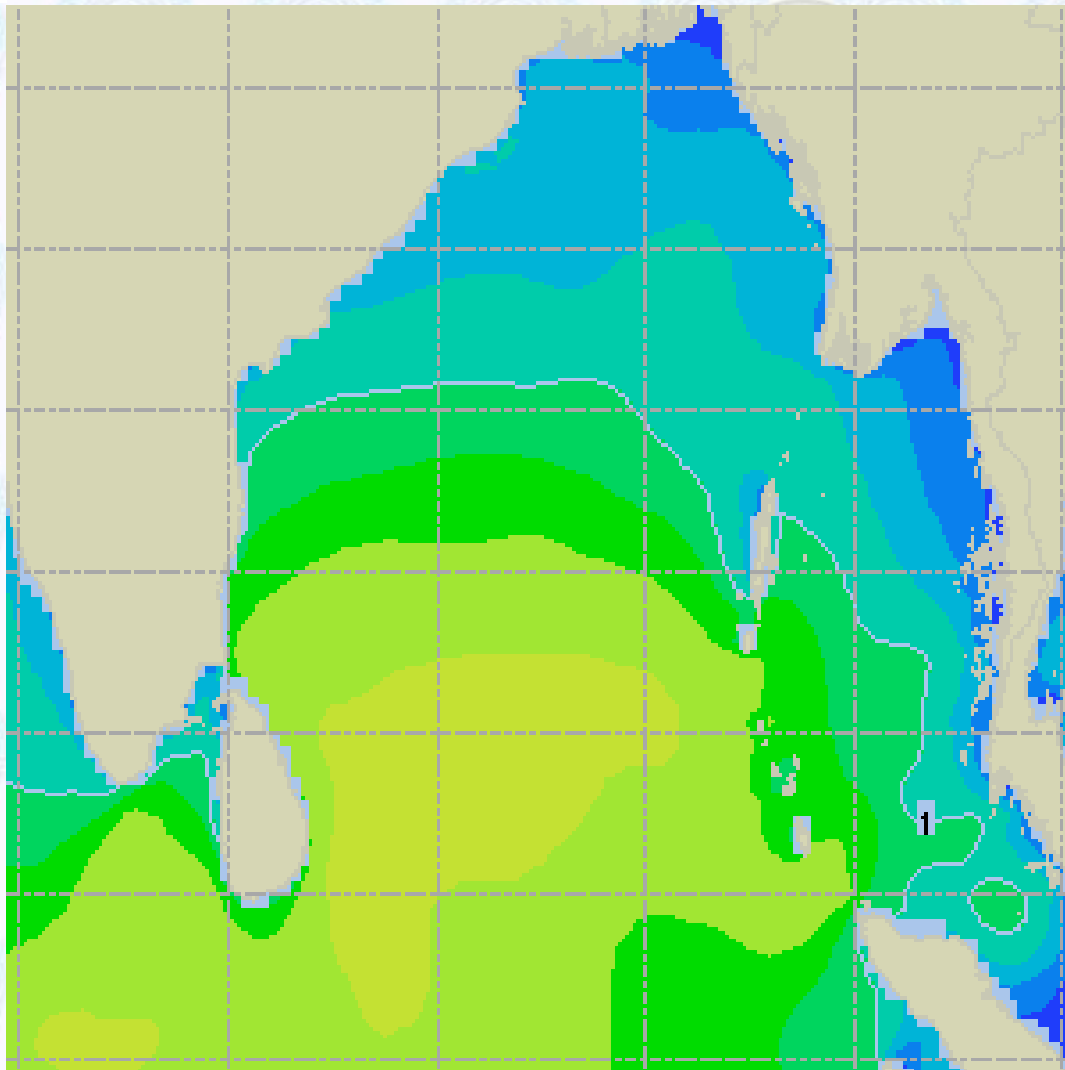
10 Knots



60 Knots



# Sea State Forecast – 20 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



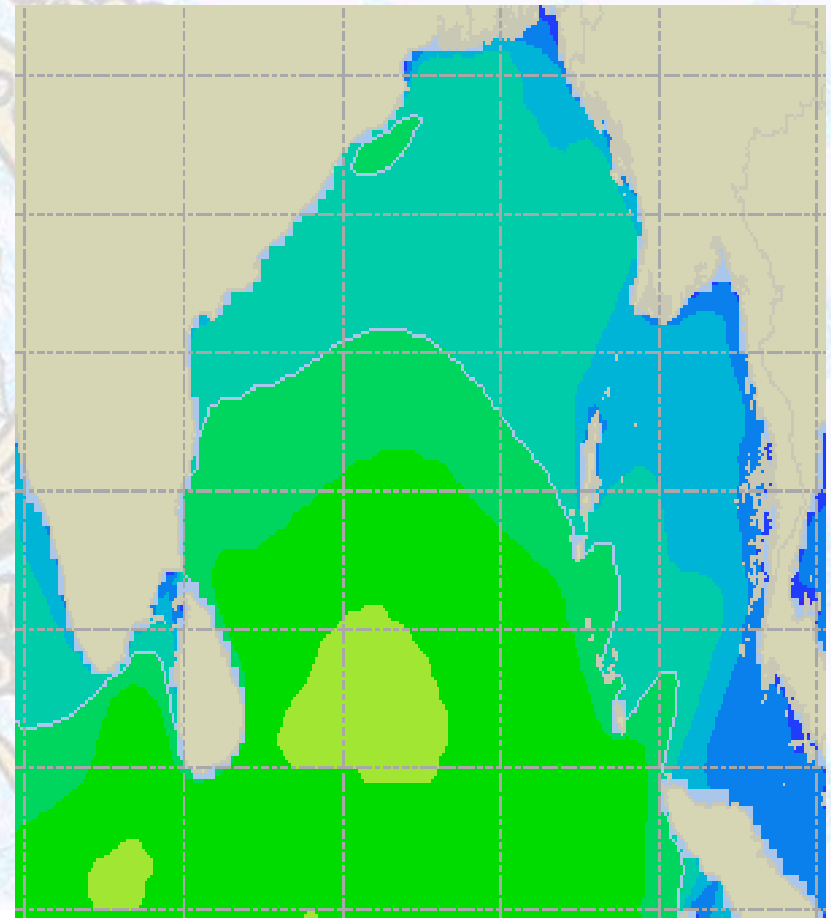
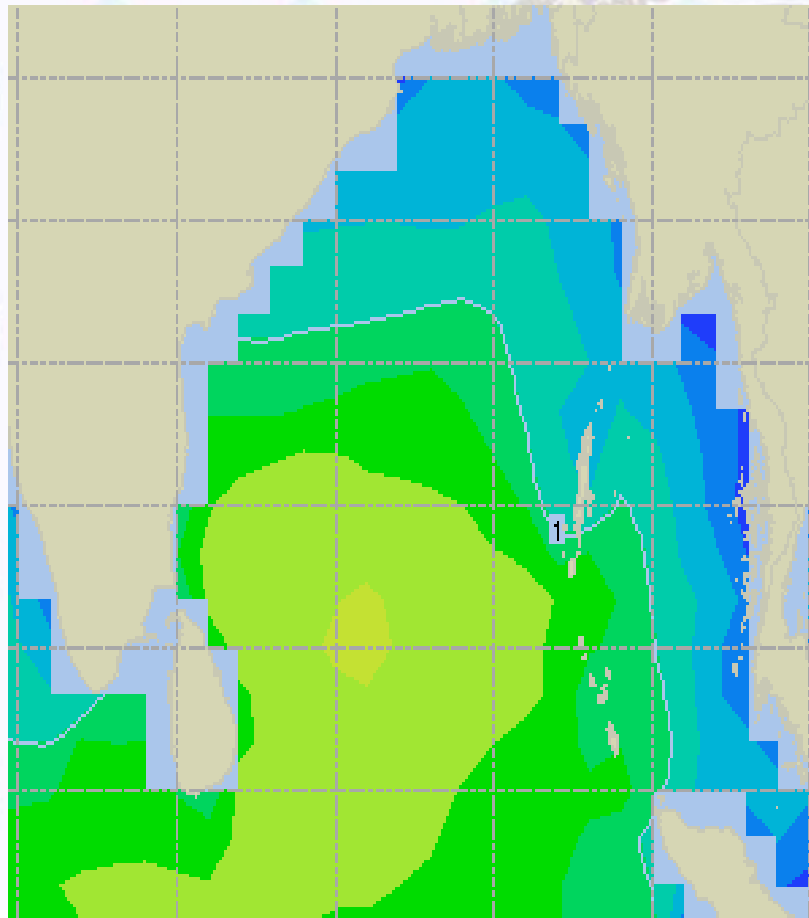




# Sea State Forecast – 21 & 22 Jan - 2021

21 Jan 21 Thursday

22 Jan 21 Friday

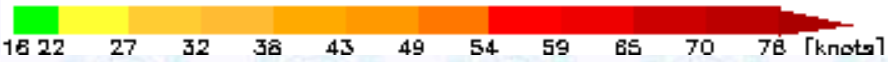
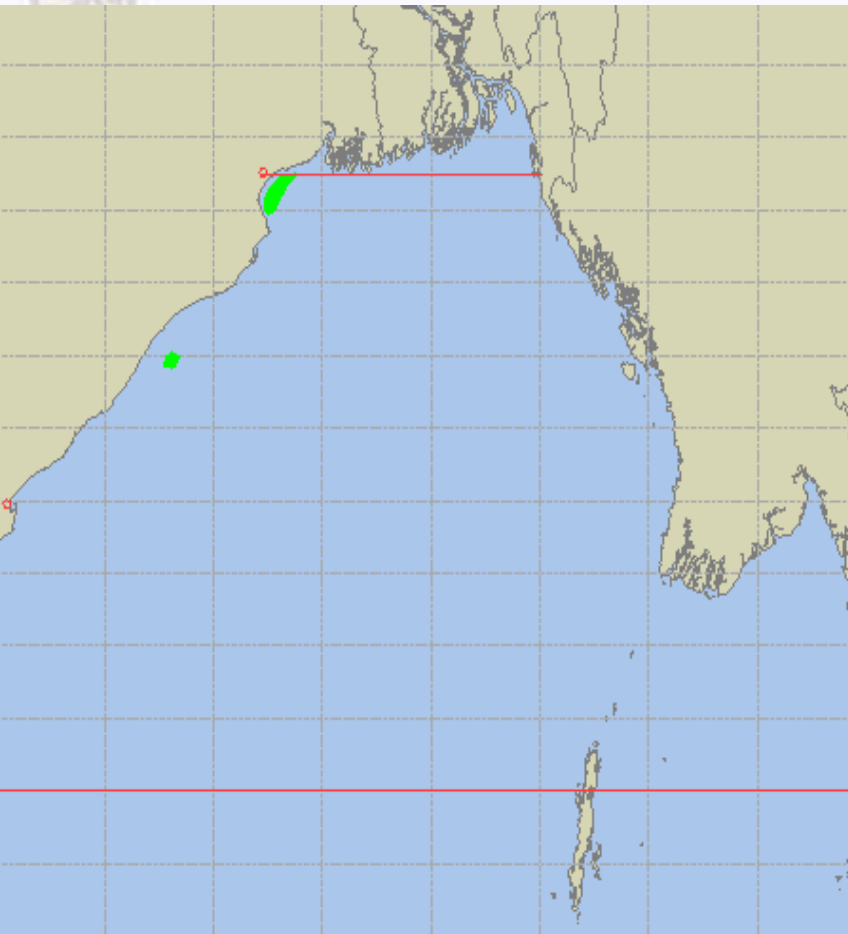
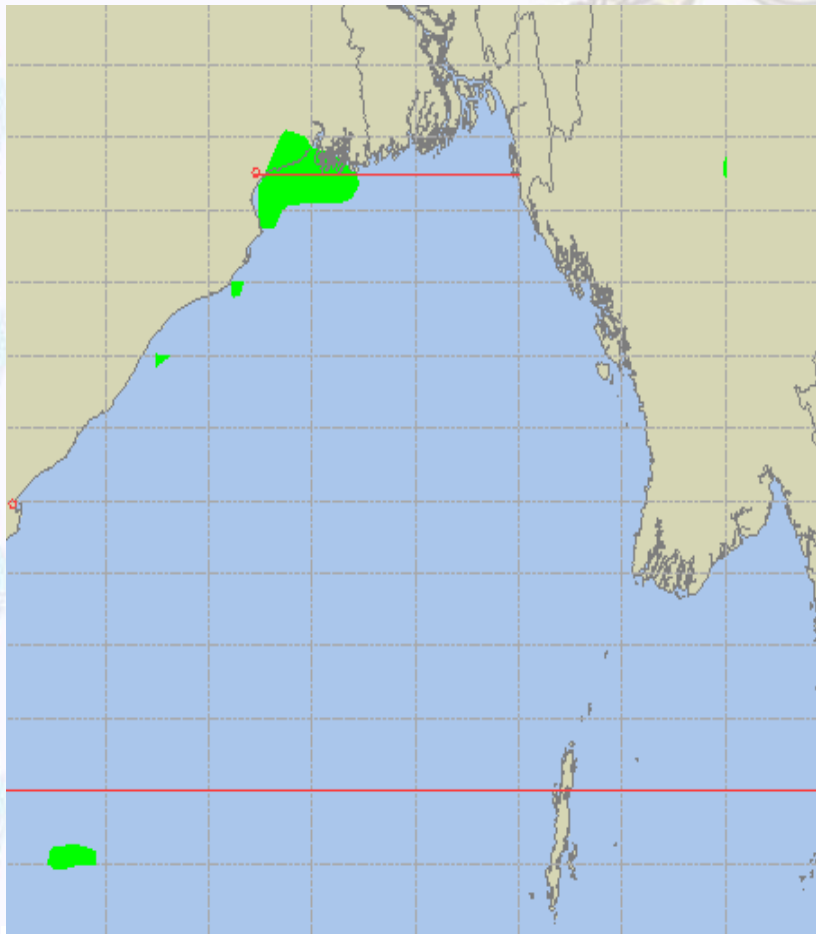




# Peak Gusting Possibilities– 20 & 21 Jan 2021

20 Jan 21 Wednesday

21 Jan 21 Thursday



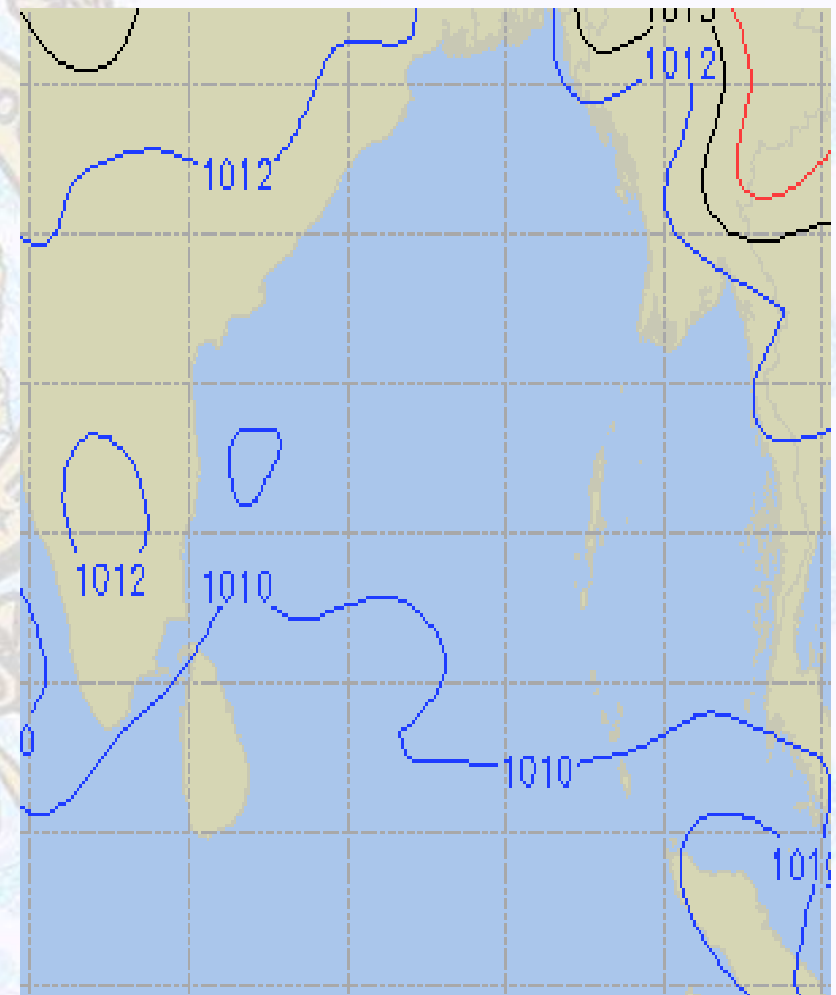
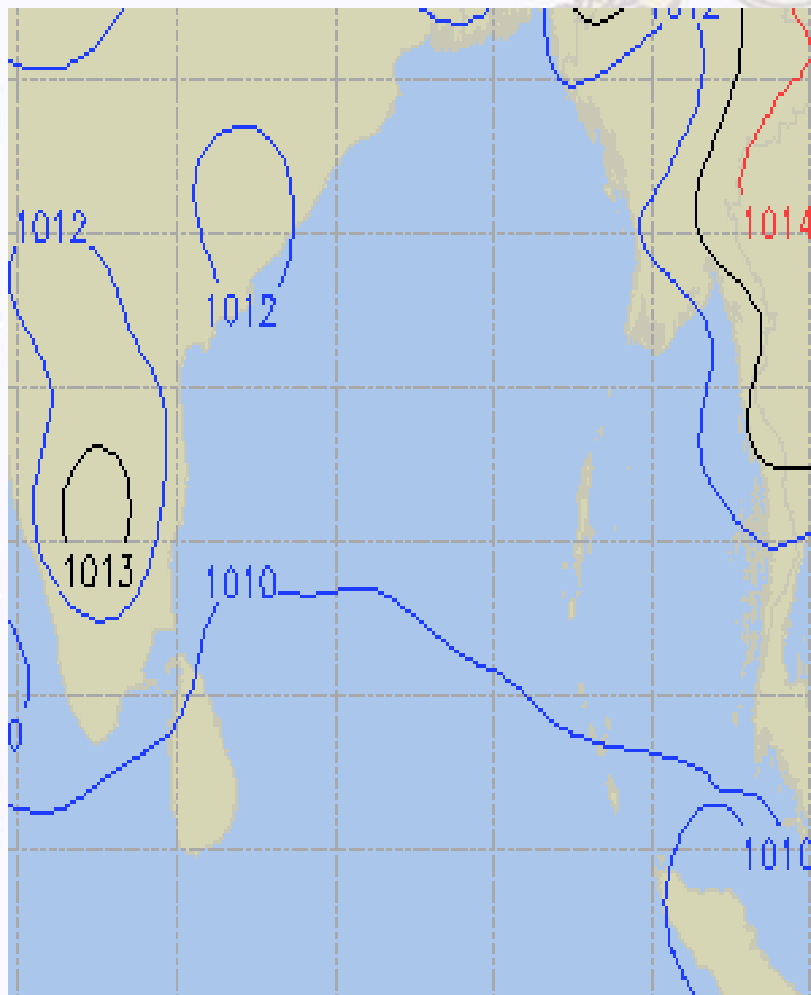




# Surface Pressure forecast – 20 & 21 Jan 2021

20 Jan 21 Wednesday

21 Jan 21 Thursday

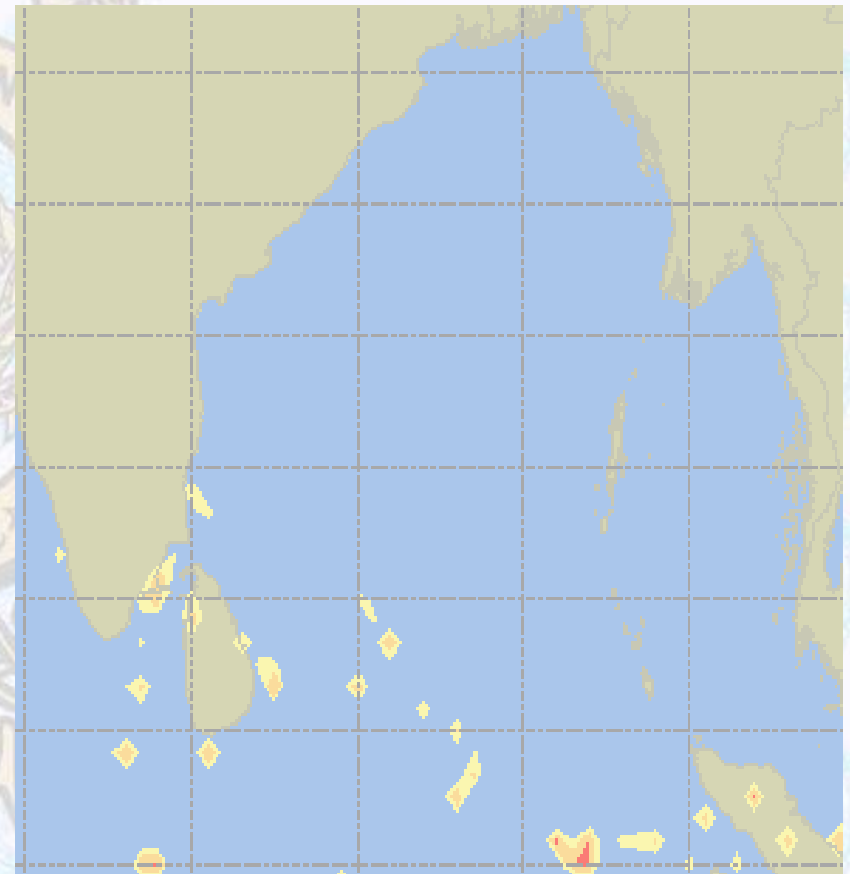
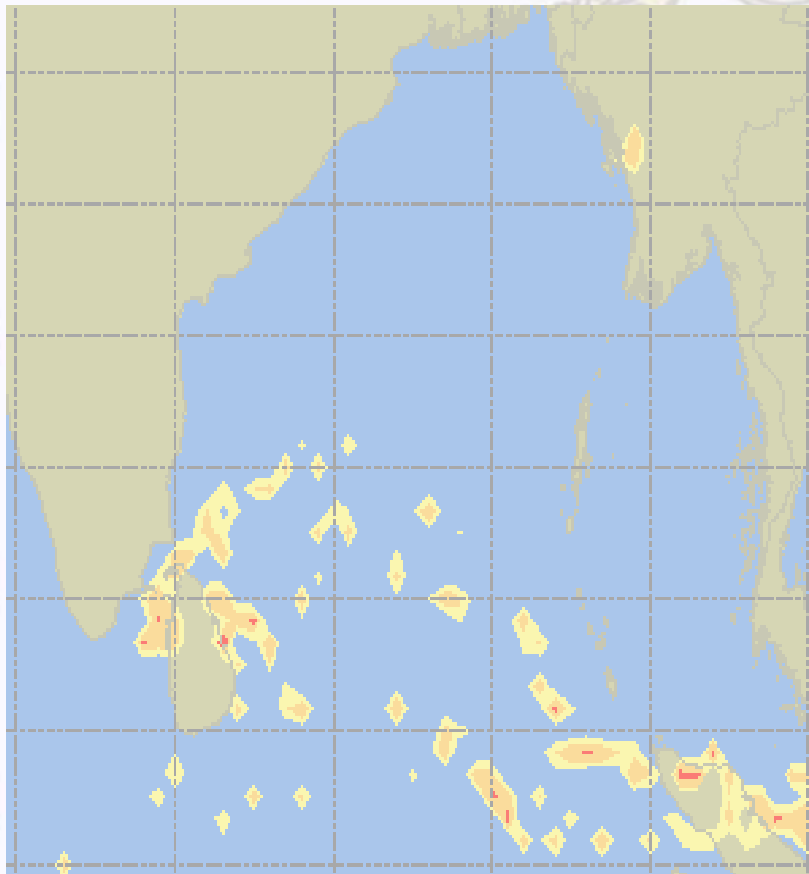




# Visibility at Sea Forecast – 20 & 21 Jan 2021

20 Jan 21 Wednesday

21 Jan 21 Thursday



**Visibility Scale:**



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

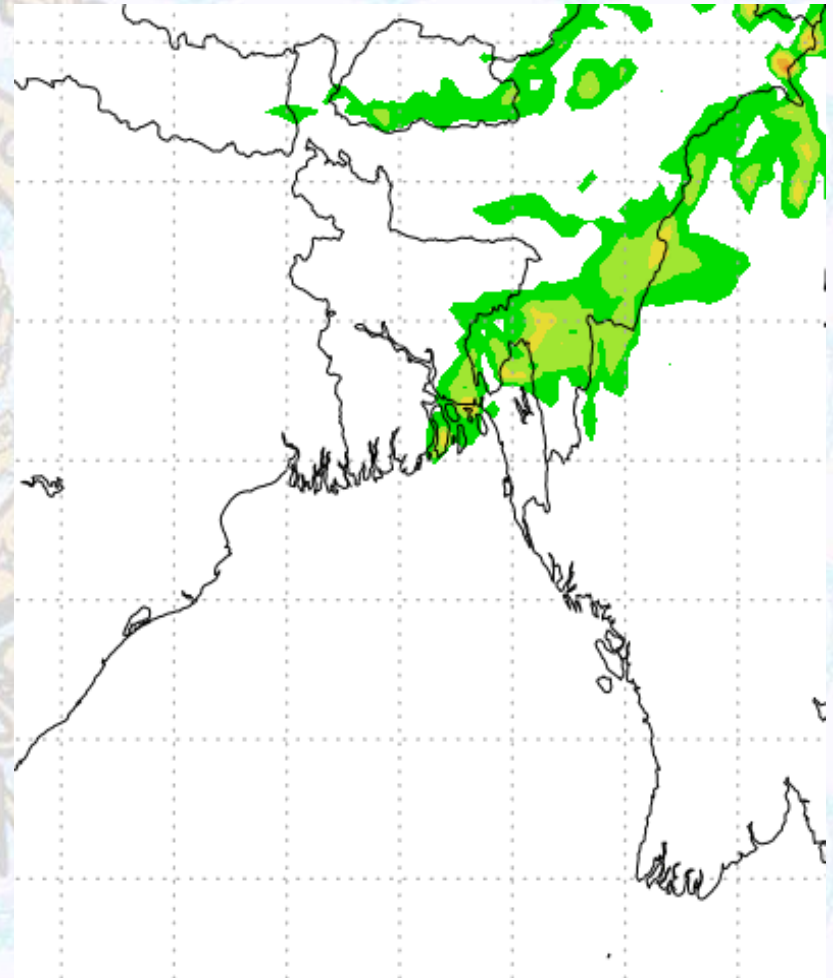
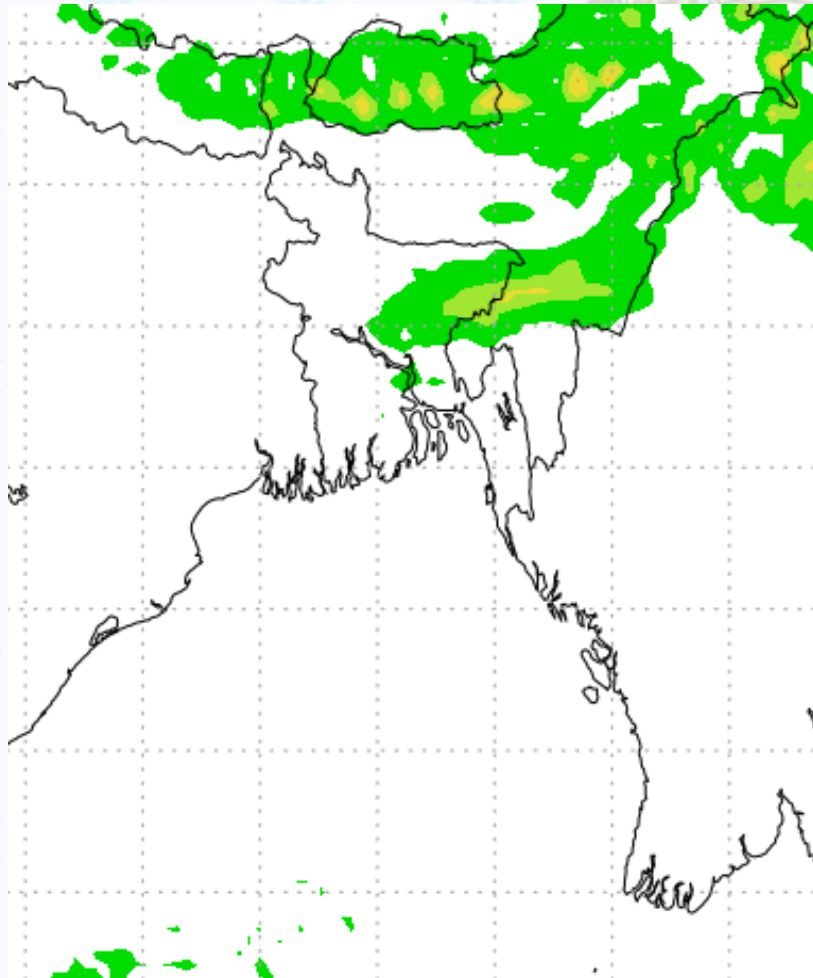




# Precipitation

Rain(mm) 20 & 21 Jan 2021

Rain(mm) 21 & 22 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>20 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0519	3.67		0258	2.68		0241	2.42
	1150	0.78		0920	0.79		0908	0.83
	1801	3.55		1526	2.40		1522	2.29
	-	-		2143	0.91		2127	1.14
<b>21 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0015	1.19		0343	2.44		0322	2.24
	0612	3.35		1003	0.90		0950	0.94
	1237	0.97		1620	2.28		1617	2.20
	1900	3.40		2239	1.04		2227	1.27
<b>22 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0120	1.35		0436	2.23		0416	2.06
	0714	3.07		1103	0.99		1049	1.04
	1337	1.14		1731	2.23		1731	2.15
	2009	3.34		2355	1.11		2358	1.34