



# **WEATHER FORECAST FOR BN**

***24 JAN - 27 JAN 2021***





# WEATHER FORECAST – DHAKA

## 24.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 16	24 / 15	21 / 15	21 / 15
Wind	5 km/h WNW	5 km/h W	1 km/h NE	3 km/h E
Humidity	64%	59%	71%	77%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	2%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 39 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 0.31 km

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



# WEATHER FORECAST – CHATTOGRAM

## 24.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 15	23 / 15	20 / 16	18 / 16
Wind	9 km/h WNW	8 km/h WNW	7 km/h NW	7 km/h N
Humidity	59%	60%	81%	87%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 33 AM			
Sunset	17: 36 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 1.9 Km

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



# WEATHER FORECAST – KHULNA

## 24.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	24 / 14	20 / 15	17 / 15
Wind	4 km/h WNW	4 km/h NW	4 km/h E	3 km/h SE
Humidity	50%	50%	74%	84%
Chance of Precip.	1%	1%	3%	6%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 44 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 2.8 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	25 Jan 2021	26 Jan 2021	27 Jan 2021
<b>Temperature (C)</b>	26 °C/ 15 °C	26 °C/ 15 °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>	6h41m54s/17h40m06s	6h41m36s/17h40m42s	6h41m12s/17h41m24s
<b>Day Length</b>	10h58m12s	10h59m06s	11h00m12s
<b>Moon Rise/ Set</b>	2:31AM 3:36AM	3:22AM 4:30AM	4:17AM 5:26AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 86%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
<b>Nautical Twilight</b>	05:48,18:31	05:49,18:31	05:48,18:32
<b>Civil Twilight</b>	06:16,18:03	06:17,18:03	06:16,18:04
<b>Humidity</b>	D : 72% N : 82%	D : 68% N : 78%	D : 65% N : 74%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	5 Km/h N	8 Km/h NNW	9 Km/h N

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	25 Jan 2021	26 Jan 2021	27 Jan 2021
<b>Temperature (C)</b>	27 °C/ 16 °C	27 °C/ 15 °C	27 °C/ 14 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h33m36s/ 17h36m54s	6h33m18s/ 17h37m30s	6h33m00s/ 17h38m06s
<b>Day Length</b>	11h03m18s	11h04m12s	11h05m06s
<b>Moon Rise/ Set</b>	2:28AM 3:27AM	3:19AM 4:21AM	4:14AM 5:16AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 86%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
<b>NauticalTwilight</b>	05:41, 18:25	05:42, 18:25	05:41, 18:26
<b>Civil Twilight</b>	06:07, 17:59	06:08, 17:58	06:08, 17:58
<b>Humidity</b>	D : 64% N : 77%	D : 57% N : 76%	D : 57% N : 76%
<b>Barometer (mb)</b>	1014	1014	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	1%	5%
<b>Wind (mph)</b>	9 Km/h NNW	11 Km/h N	13 Km/h NNW

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



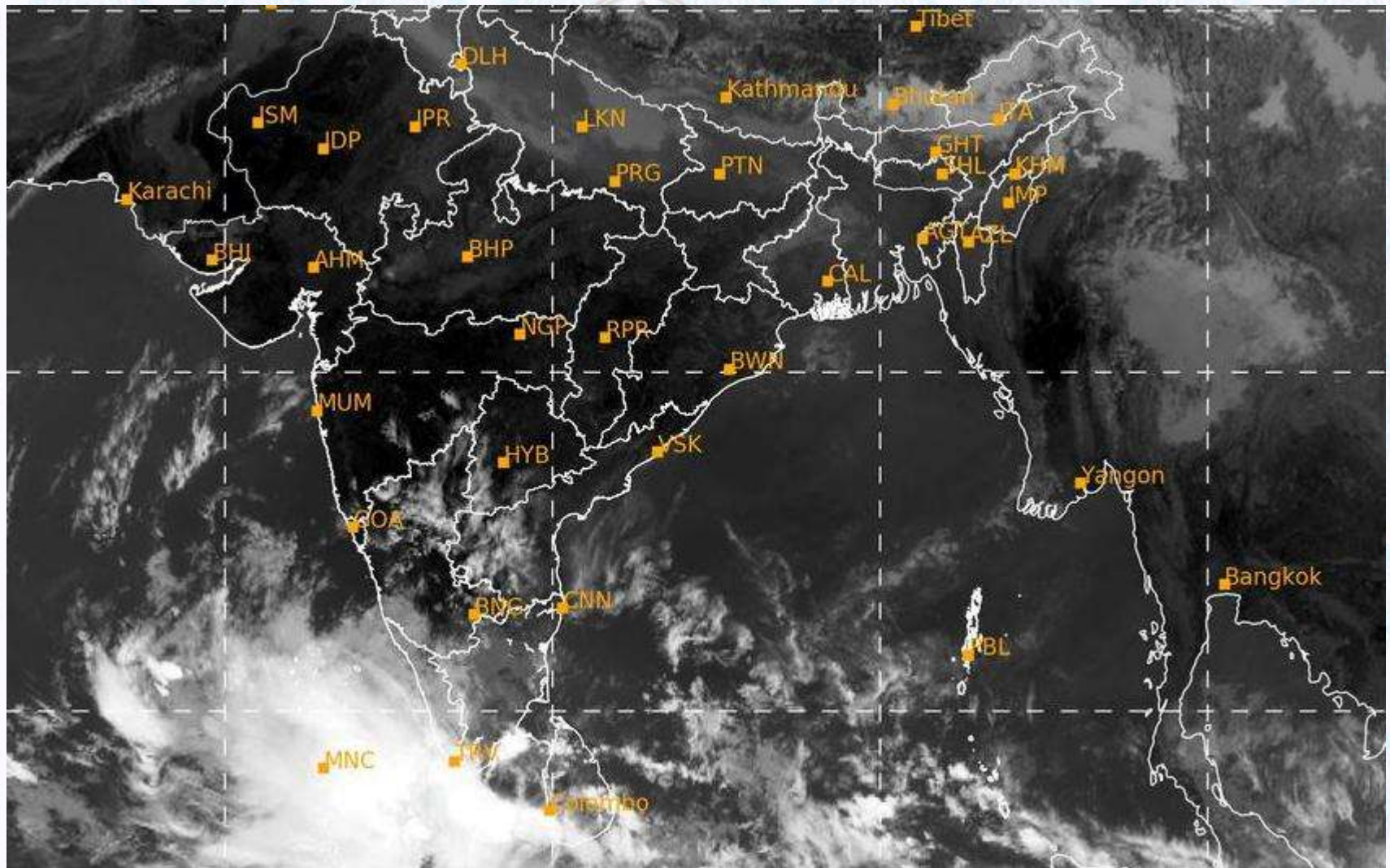
# GENERAL WEATHER FORECAST – KHULNA

Description	25 Jan 2021	26 Jan 2021	27 Jan 2021
<b>Temperature(C)</b>	27°C/ 16°C	26°C/ 15°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>	6h43m36s/ 17h45m06s	6h43m18s/ 17h45m48s	6h43m00s/ 17h46m24s
<b>Day Length</b>	10h01m30s	10h02m30s	10h03m24s
<b>Moon Rise/Set</b>	2:37AM 3:37AM	3:28AM 4:32AM	4:23AM 5:27AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 86%	Waxing Gibbous, 92%	Waxing Gibbous, 97%
<b>Nautical Twilight</b>	05:50, 18:35	05:49, 18:36	05:50, 18:35
<b>Civil Twilight</b>	06:19, 18:06	06:19, 18:07	06:20, 18:06
<b>Humidity</b>	D : 71% N : 83%	D : 68% N : 80%	D : 65% N : 76%
<b>Barometer (mb)</b>	1014	1014	1014
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	6 km/h NE	8 km/h NNE	11 km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



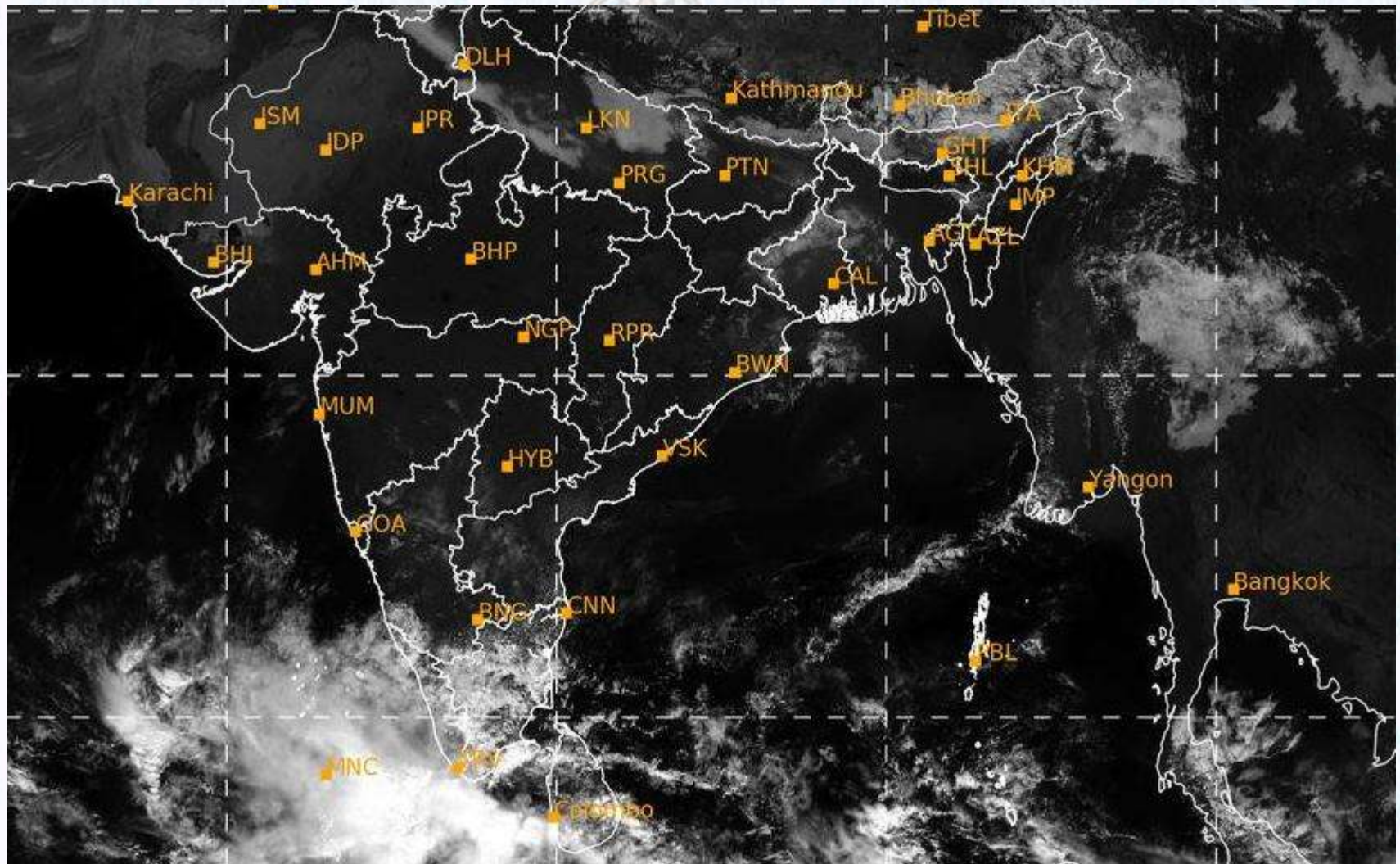
24/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



24/01/2021, 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 24.01.2021)

<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, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/ FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 24,0000 UTC. CHATTOGRAM =1015 HPA



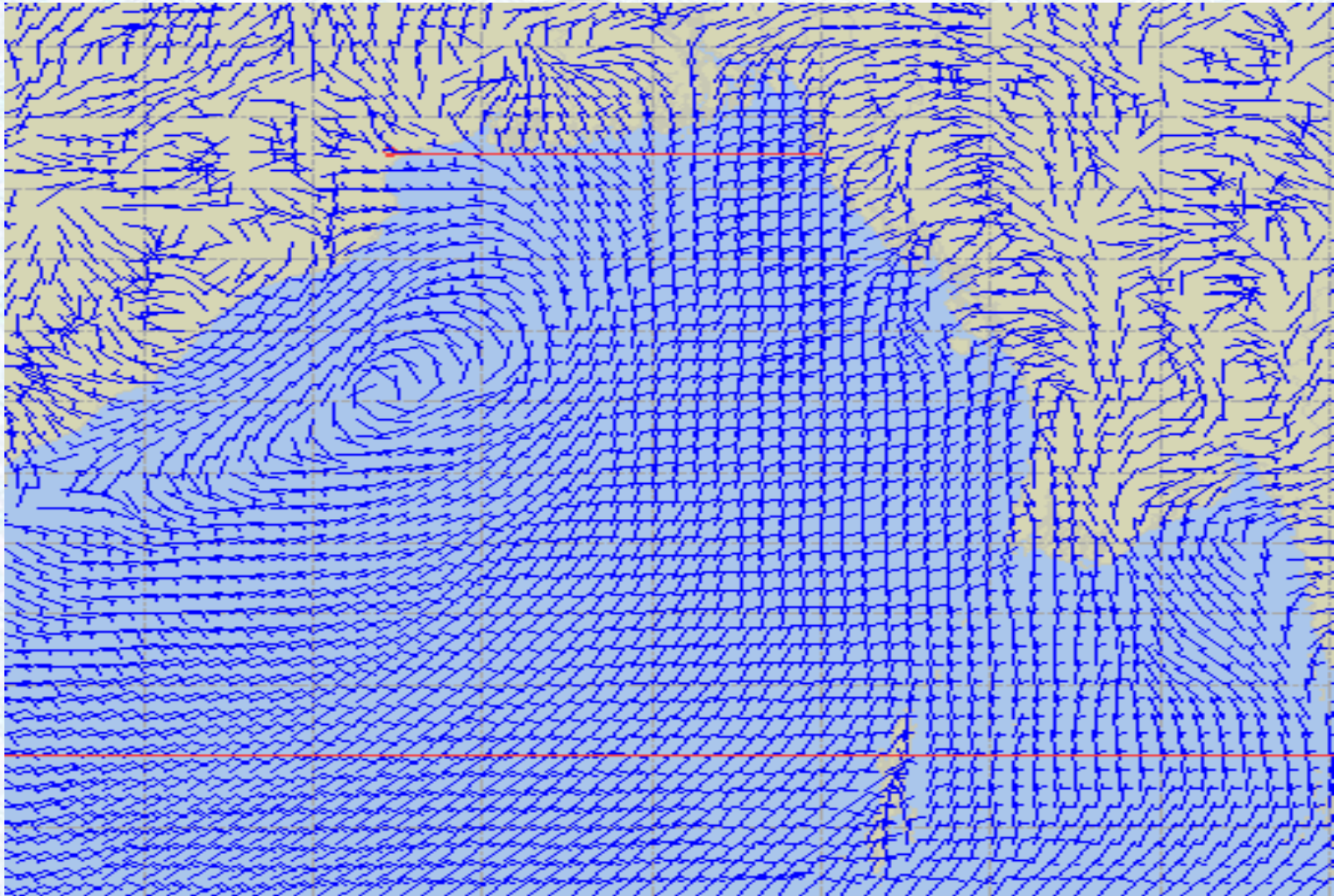
## **Inland River Port Warning** **(VALID TILL 06 PM OF 24.01.2020)**

MODERATE TO THICK FOG MAY REDUCE SURFACE VISIBILITY TO 300M OR LESS AT PLACES OVER THE RIVERBASINS OF THE COUNTRY DURING NEXT 04-06 HRS COMMENCING 05.00 AM OF 24.01.2021 WHEREIN RIVERCRAFTS SHALL PROCEED WITH CAUTION BUT NO SIGNAL IS TO BE HOISTED.

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



# Surface Wind Forecast- 25 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



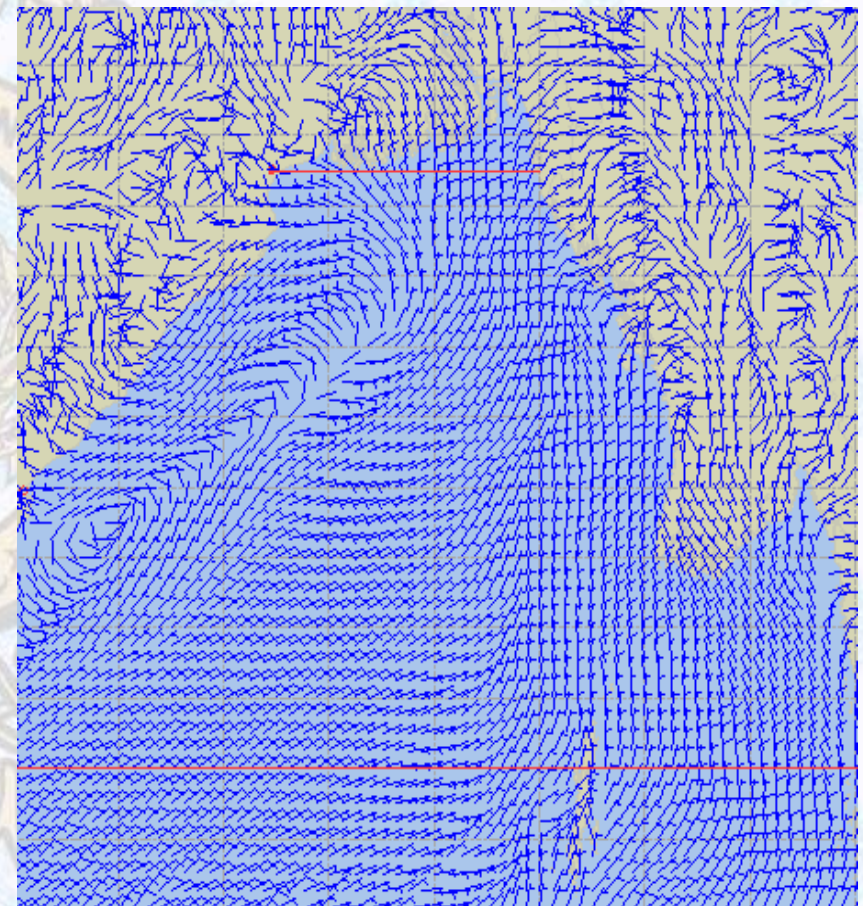
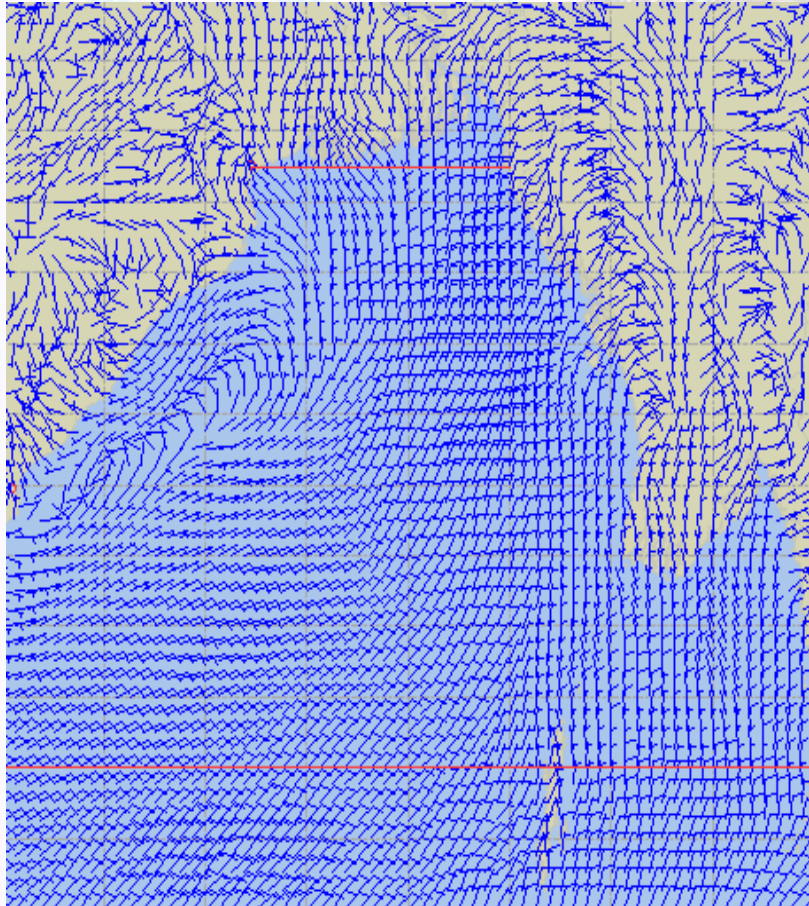
**60 Knots**



# Surface Wind Forecast – 26 & 27 Jan - 2021

26 Jan 21 Tuesday

27 Jan 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



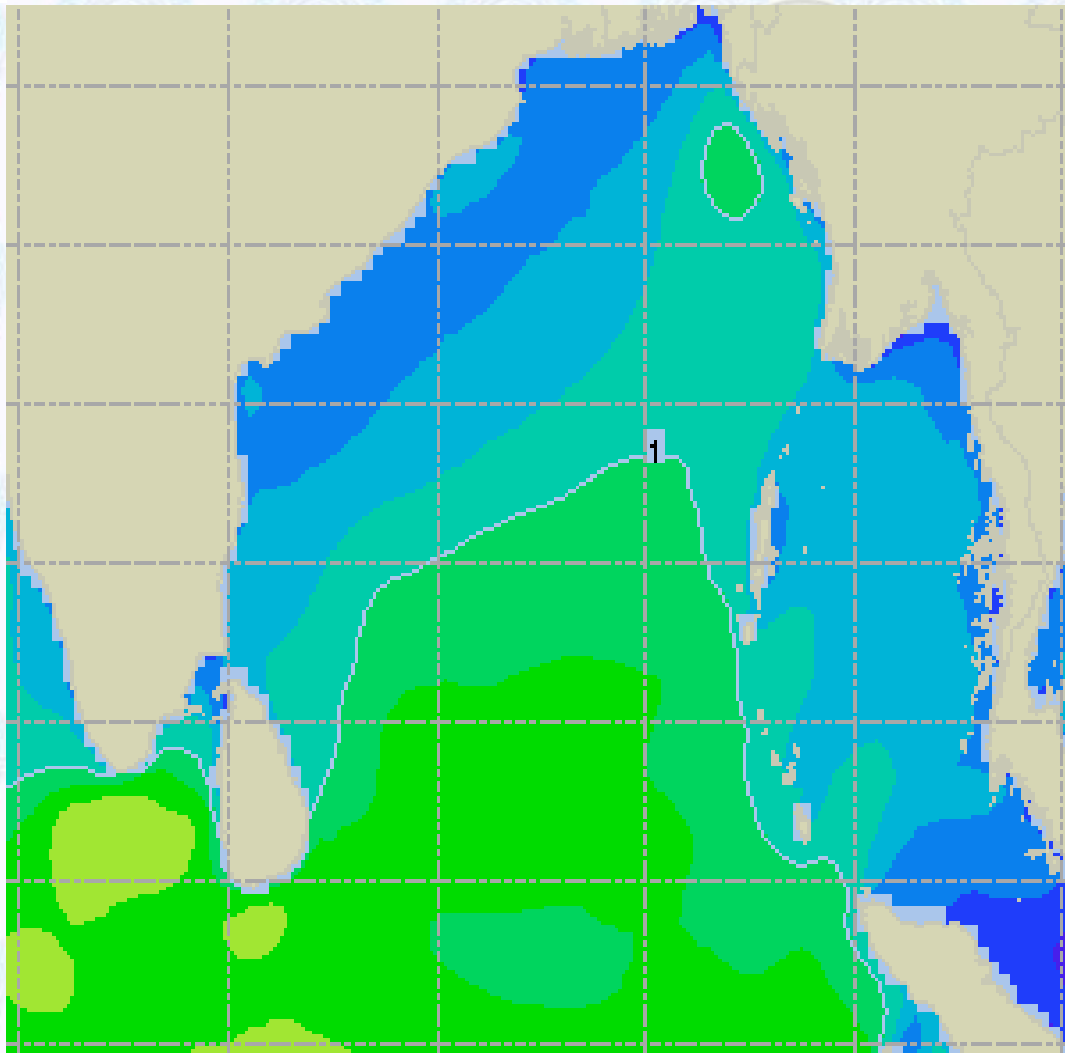
10 Knots



60 Knots



# Sea State Forecast – 25 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

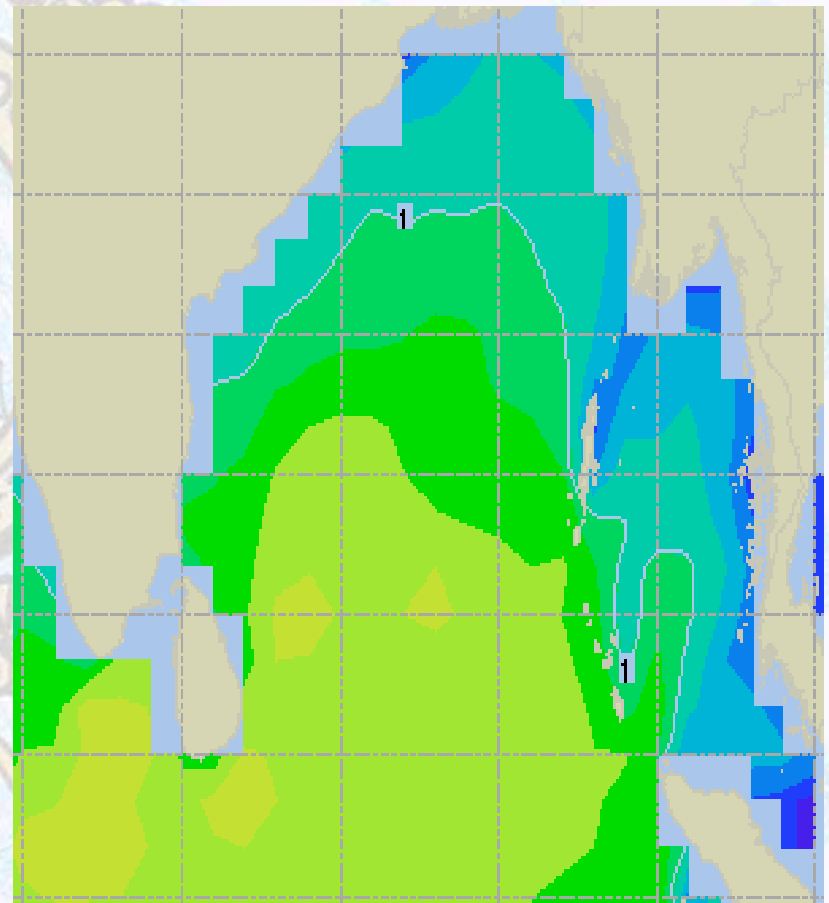
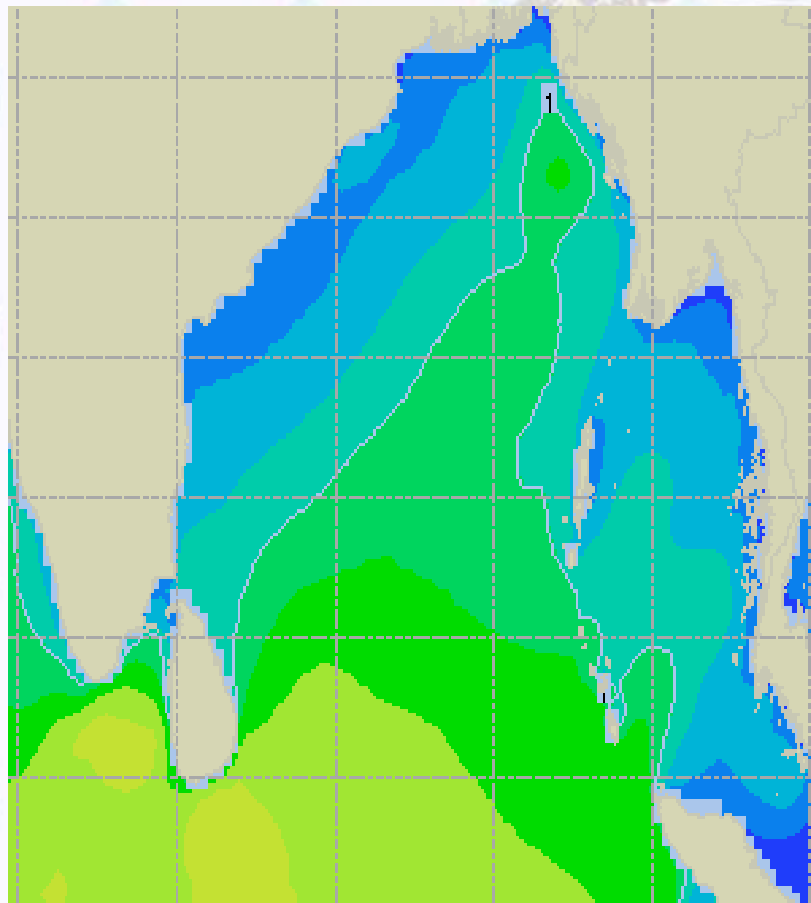




# Sea State Forecast – 26 & 27 Jan - 2021

26 Jan 21 Tuesday

27 Jan 21 Wednesday

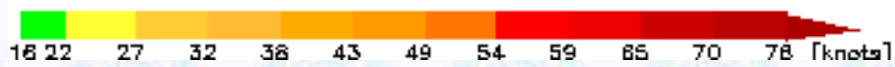
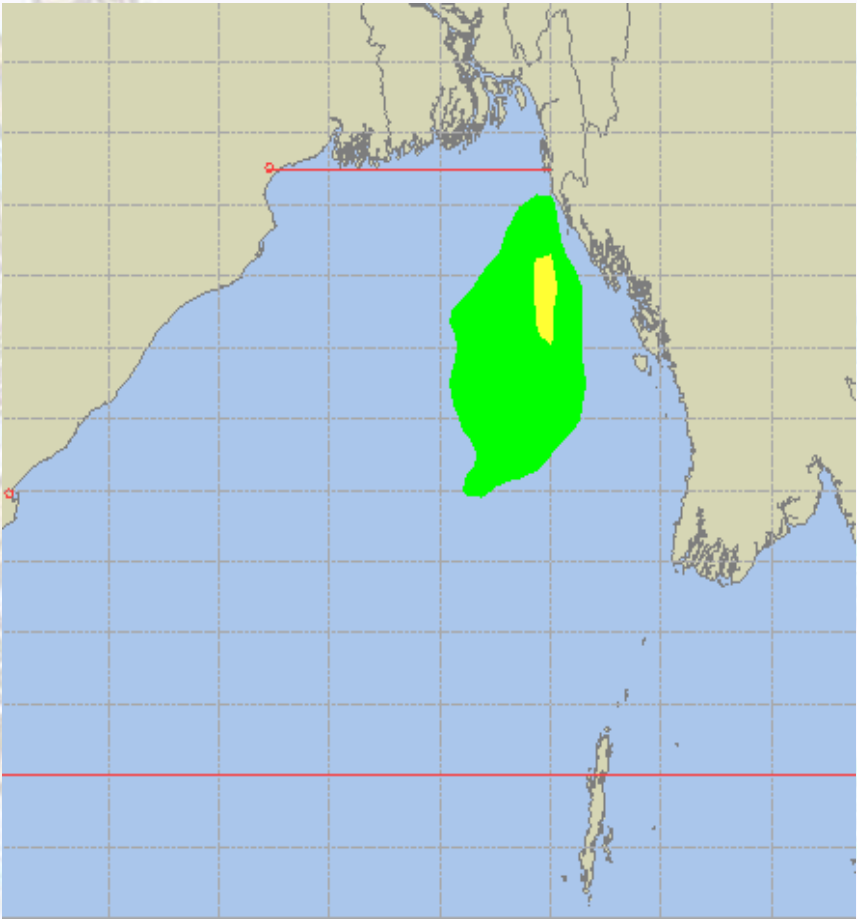
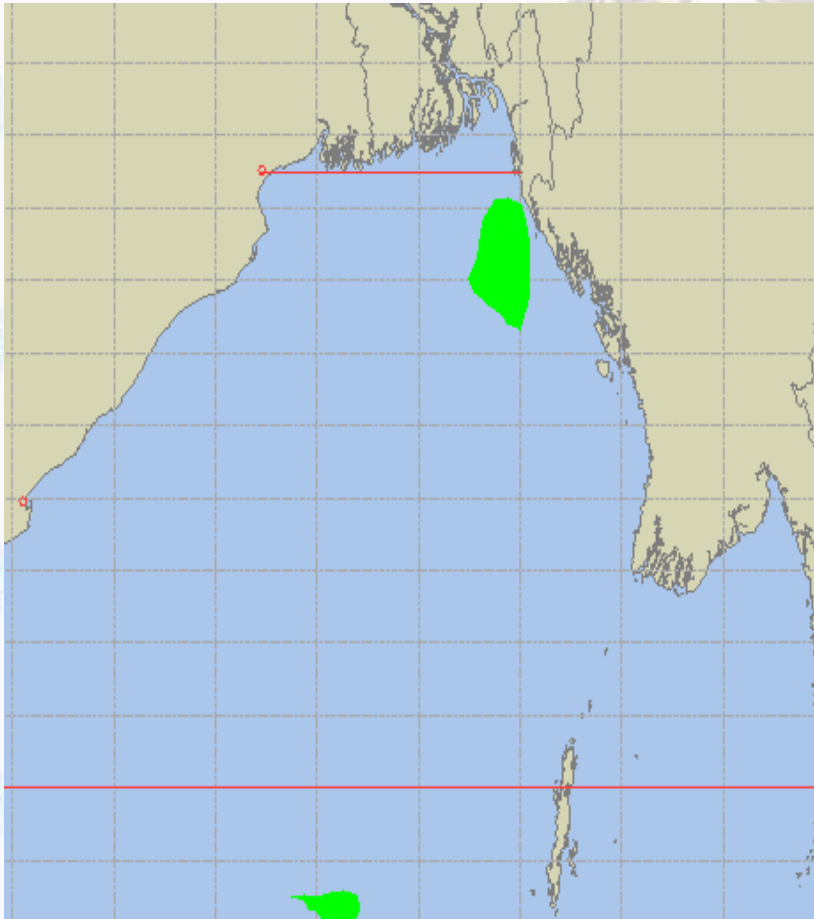




# Peak Gusting Possibilities– 25 & 26 Jan 2021

## 25 Jan 21 Monday

## 26 Jan 21 Tuesday

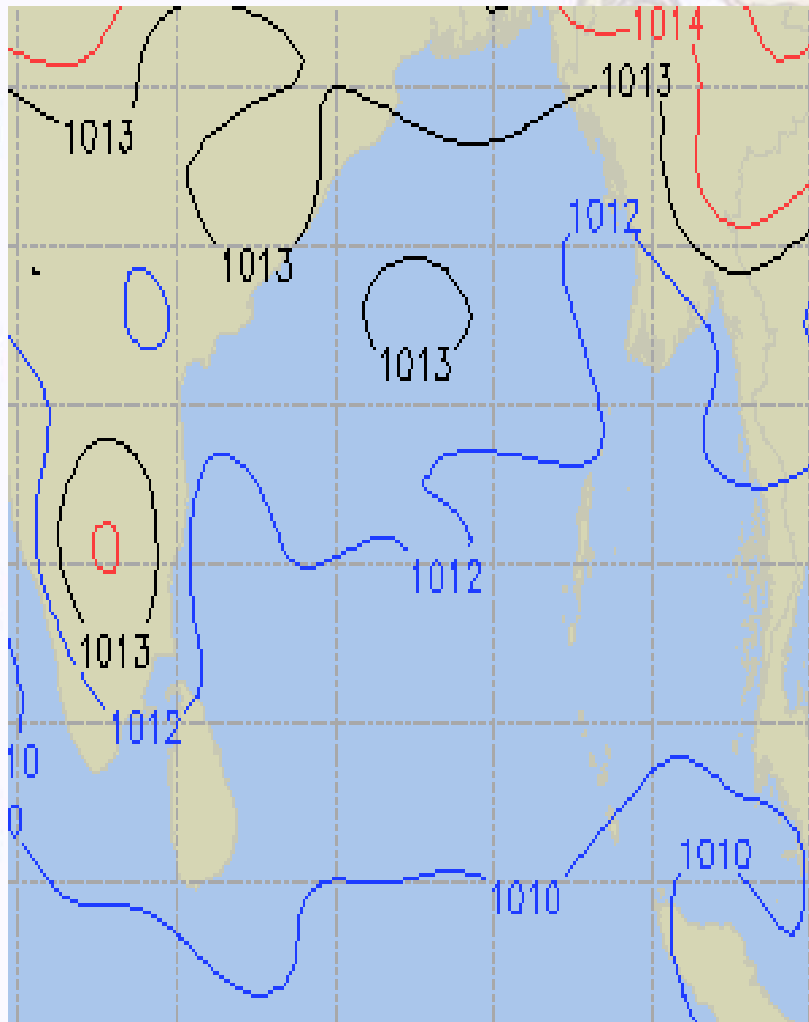




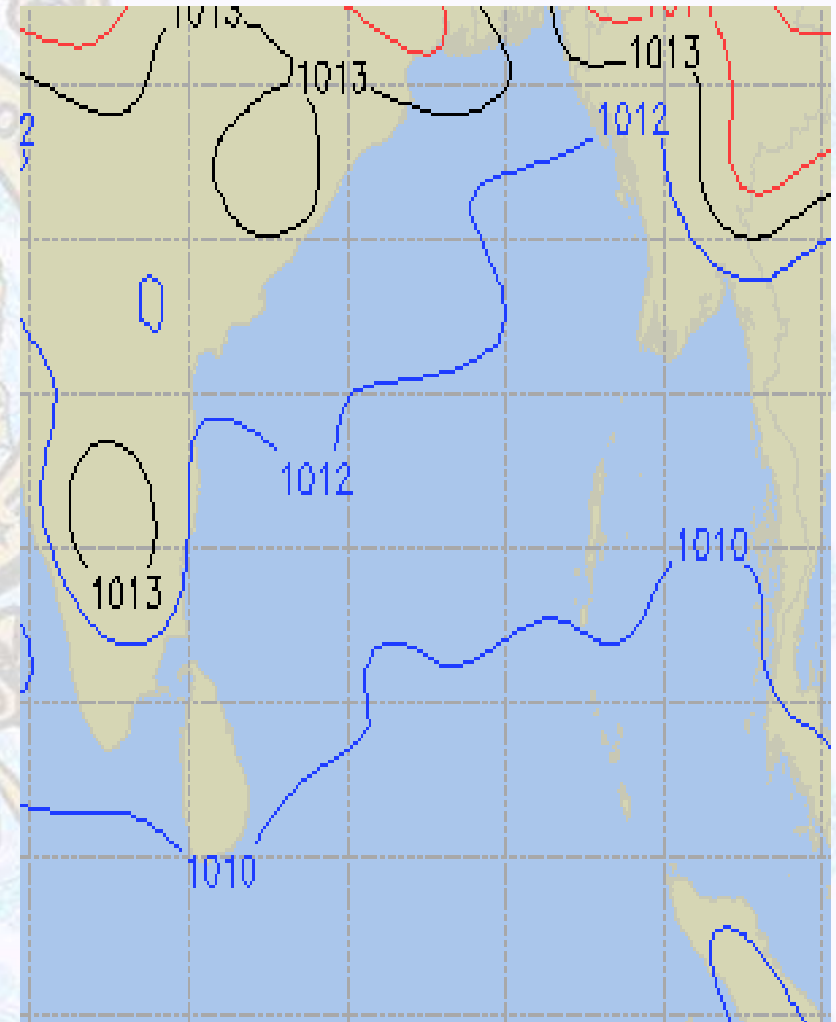


# Surface Pressure forecast – 25 & 26 Jan 2021

25 Jan 21 Monday



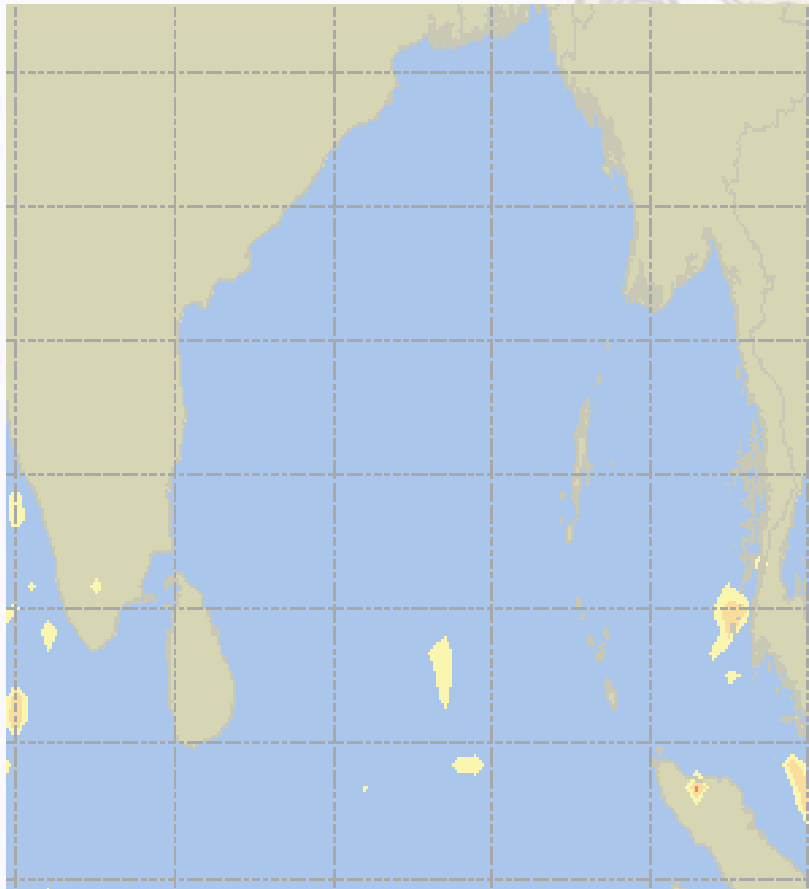
26 Jan 21 Tuesday



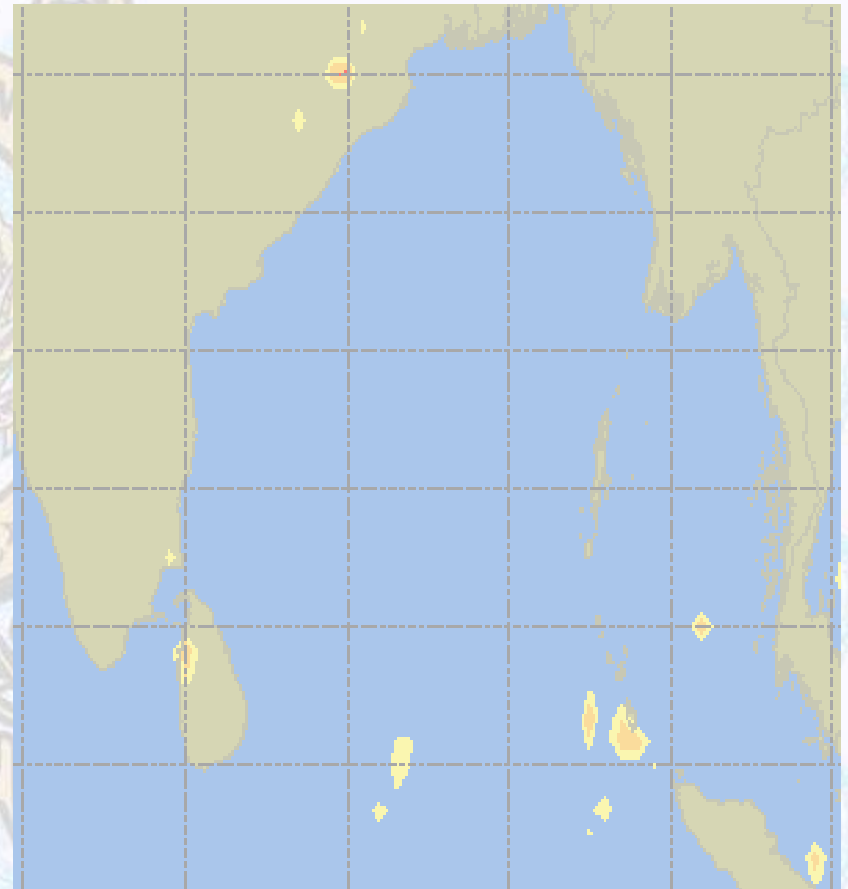


# Visibility at Sea Forecast – 25 & 26 Jan 2021

25 Jan 21 Monday



26 Jan 21 Tuesday



**Visibility Scale:**



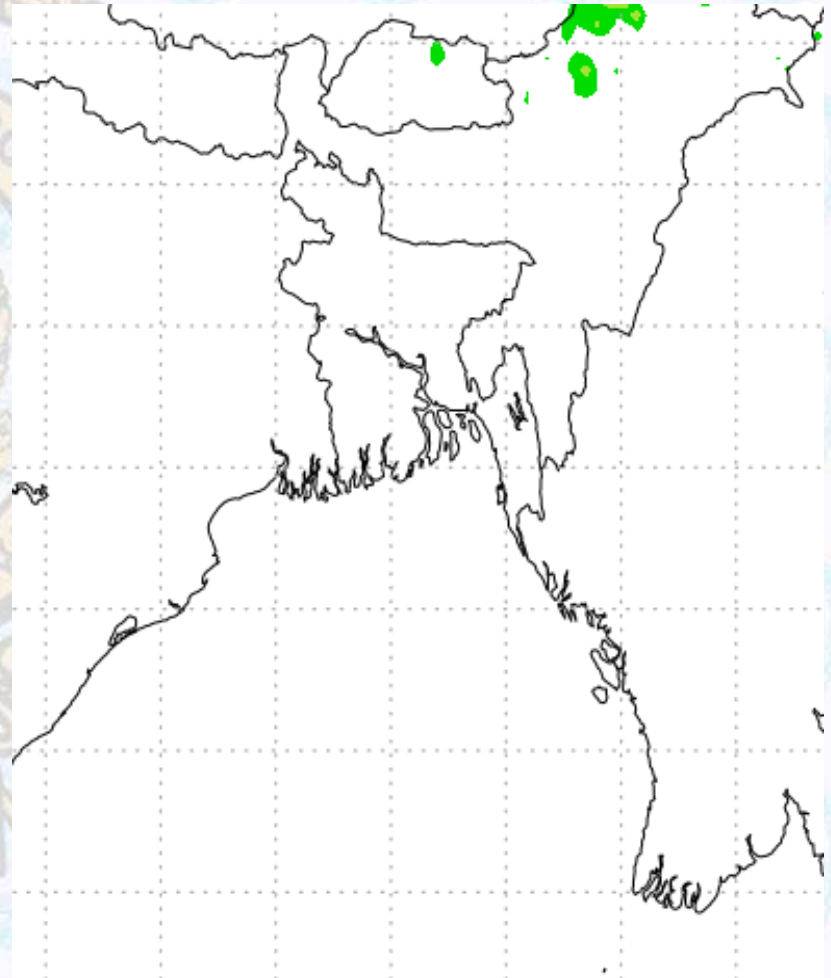
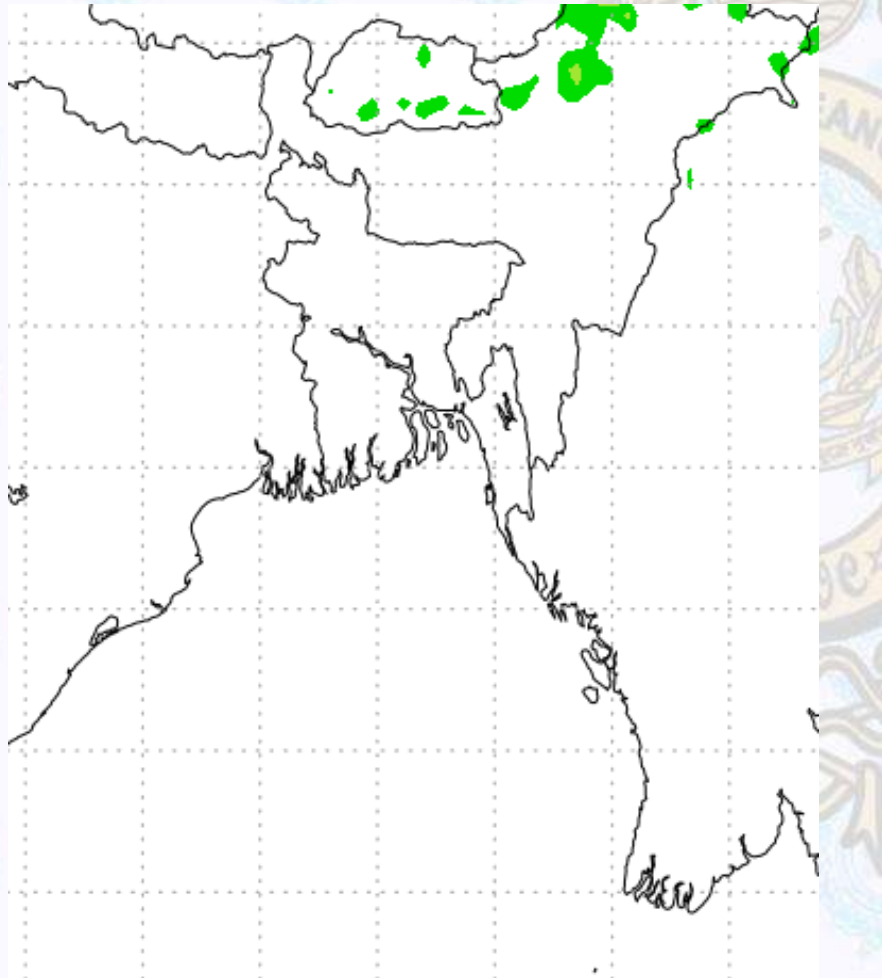
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 25 & 26 Jan 2021

Rain(mm) 26 & 27 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>25 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0511	1.10		0235	0.97		0253	1.12
	1101	3.07		0817	2.17		0839	2.01
	1658	1.05		1440	0.83		1430	0.91
	2313	3.73		2055	2.68		2108	2.45
<b>26 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0601	0.93		0414	0.66		0341	0.95
	1150	3.27		0953	2.53		0930	2.15
	1750	0.90		1619	0.54		1522	0.76
	2354	3.92		2219	3.10		2150	2.59
<b>27 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0643	0.80		0414	0.66		0421	0.79
	1228	3.45		0953	2.53		1010	2.29
	1834	0.77		1619	0.54		1607	0.61
	-	-		2219	3.10		2227	2.71