



# **WEATHER FORECAST FOR BN**

***26 JAN - 29 JAN 2021***





# WEATHER FORECAST – DHAKA

## 26.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 16	24 / 14	24 / 14	18 / 14
Wind	10 km/h NW	10 km/h WNW	4 km/h NW	4 km/h NW
Humidity	61%	56%	71%	77%
Chance of Precip	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 40 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.15 km

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





# WEATHER FORECAST – CHATTOGRAM

## 26.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 14	20 / 15	18 / 14
Wind	13 km/h NW	12 km/h NW	10 km/h NNW	9 km/h N
Humidity	48%	49%	70%	79%
Chance of Precip.	1%	1%	1%	3%
Cloud Cover	1%	1%	1%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 37 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 3.5 Km

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



# WEATHER FORECAST – KHULNA

## 26.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 16	24 / 15	19 / 15	17 / 14
Wind	8 km/h NNW	9 km/h NNW	5 km/h N	3 km/h NNE
Humidity	57%	54%	74%	81%
Chance of Precip.	1%	1%	3%	4%
Cloud Cover	3%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 45 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 4.5 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	27 Jan 2021	28 Jan 2021	29 Jan 2021
<b>Temperature (C)</b>	24 °C/ 13 °C	25 °C/ 14 °C	25 °C/ 16 °C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h41m12s/17h41m24s	6h40m54s/17h42m06s	6h40m30s/17h42m48s
<b>Day Length</b>	11h00m12s	11h01m12s	11h02m18s
<b>Moon Rise/ Set</b>	4:17AM 5:26AM	5:17AM 6:18AM	6:17AM 7:07AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
<b>Nautical Twilight</b>	05:48,18:32	05:47,18:33	05:47,18:33
<b>Civil Twilight</b>	06:16,18:04	06:15,18:04	06:15,18:05
<b>Humidity</b>	D : 67% N : 74%	D : 68% N : 78%	D : 71% N : 77%
<b>Barometer (mb)</b>	1014	1015	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	12 Km/h NNW	11 Km/h NW	11 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	27 Jan 2021	28 Jan 2021	29 Jan 2021
<b>Temperature (C)</b>	26 °C/ 13 °C	26 °C/ 13 °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>	6h33m00s/ 17h38m06s	6h32m42s/ 17h38m42s	6h32m24s/ 17h39m18s
<b>Day Length</b>	11h05m06s	11h06m00s	11h06m54s
<b>Moon Rise/ Set</b>	4:14AM 5:16AM	5:19AM 6:20AM	6:14AM 6:58AM
<b>Moon Phase/ illu</b>	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
<b>NauticalTwilight</b>	05:41, 18:26	05:40, 18:27	05:40, 18:28
<b>Civil Twilight</b>	06:08, 17:58	06:08, 17:59	06:07, 17:59
<b>Humidity</b>	D : 59% N : 78%	D : 64% N : 84%	D : 66% N : 86%
<b>Barometer (mb)</b>	1014	1014	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	13 Km/h NNW	10 Km/h NNW	11 Km/h NW

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





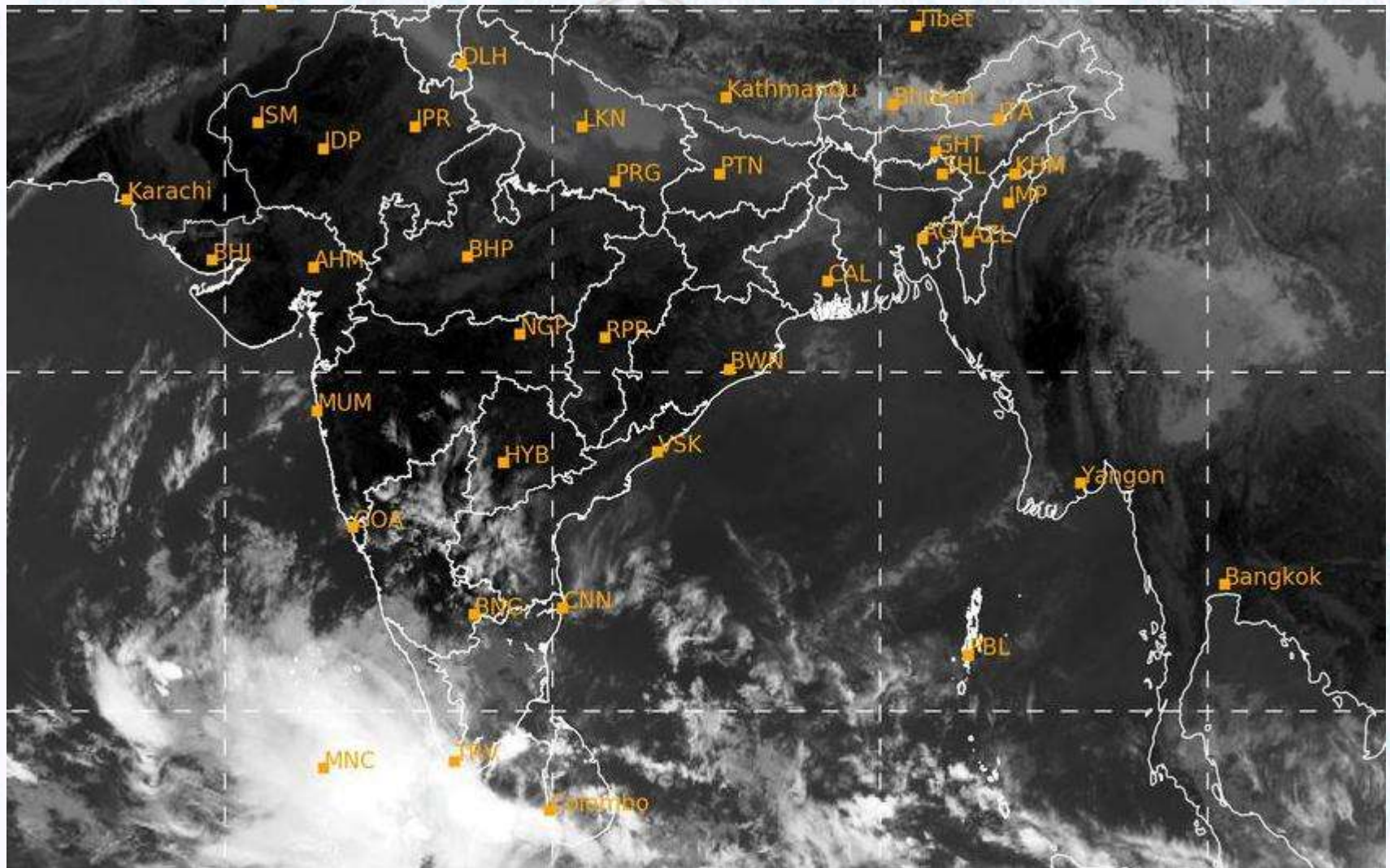
# GENERAL WEATHER FORECAST – KHULNA

Description	27 Jan 2021	28 Jan 2021	29 Jan 2021
<b>Temperature(C)</b>	24°C/ 13°C	25°C/ 13°C	25°C/ 16°C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h43m00s/ 17h46m24s	6h42m42s/ 17h47m06s	6h42m18s/ 17h47m42s
<b>Day Length</b>	10h03m24s	10h04m24s	10h05m24s
<b>Moon Rise/Set</b>	4:23AM 5:27AM	5:22AM 6:19AM	6:23AM 7:09AM
<b>Moon Phase/illu</b>	Waxing Gibbous, 97%	Full Moon, 99%	Full Moon, 99%
<b>Nautical Twilight</b>	05:50, 18:35	05:50, 18:36	05:49, 18:36
<b>Civil Twilight</b>	06:20, 18:06	06:20, 18:06	06:19, 18:07
<b>Humidity</b>	D : 66% N : 78%	D : 62% N : 78%	D : 66% N : 74%
<b>Barometer (mb)</b>	1014	1015	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	12 km/h NNW	13 km/h NNW	11 km/h NW

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



# SATELLITE VIEW OF BAY OF BENGAL



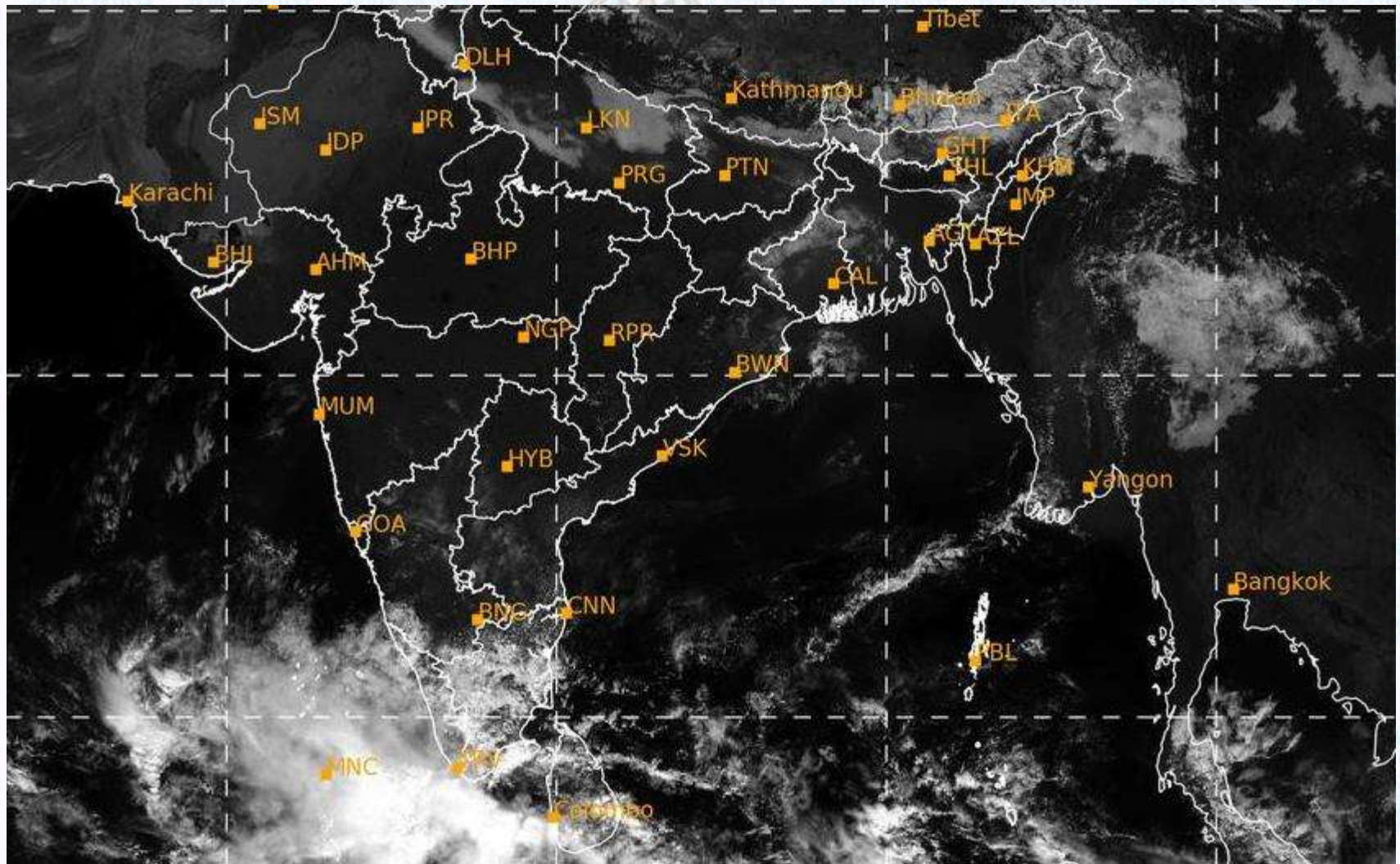
26/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



26/01/2021, 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 26.01.2021)

<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	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/ FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 26,0000 UTC. CHATTOGRAM =1015 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 26.01.2020)

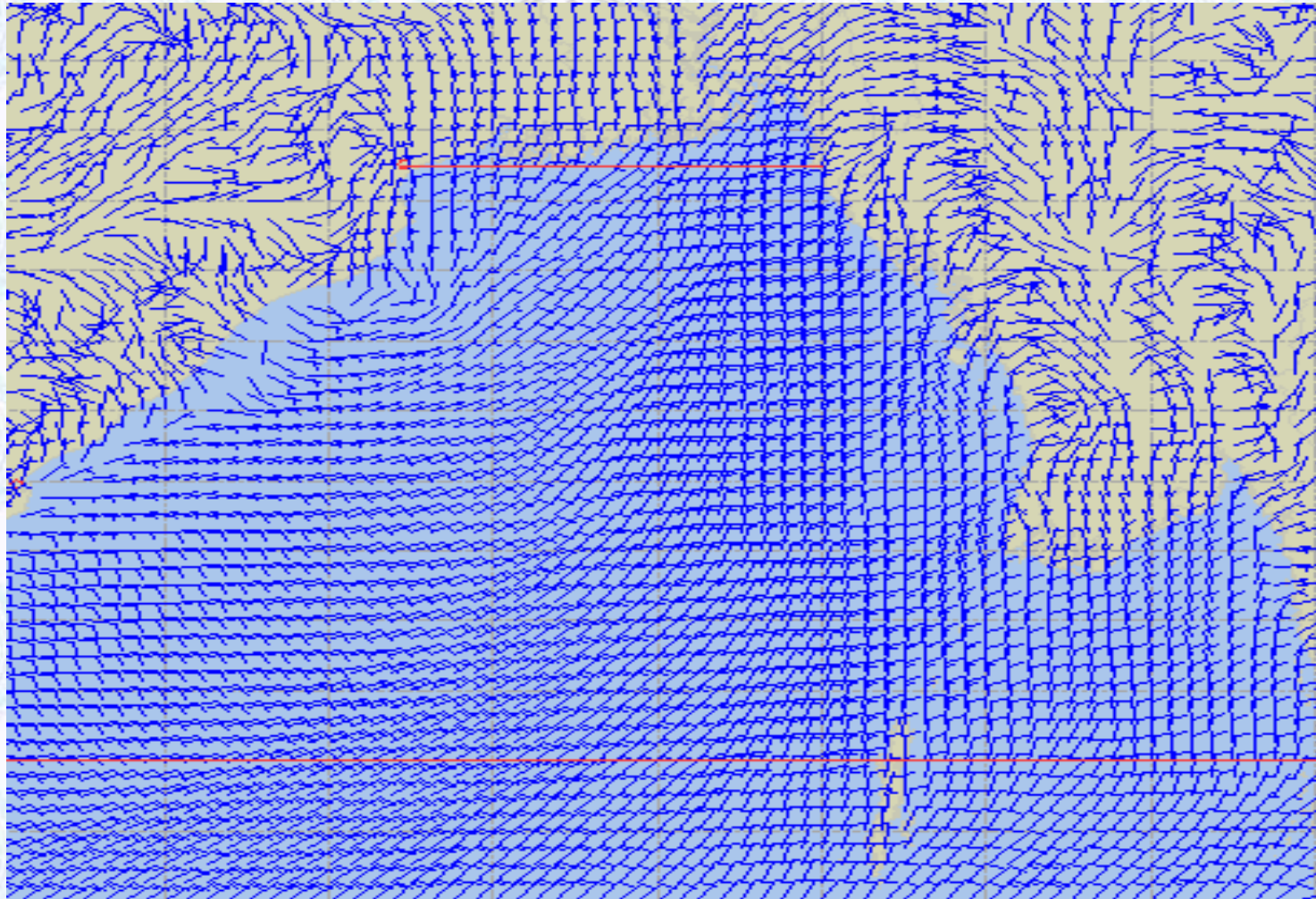
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 27 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

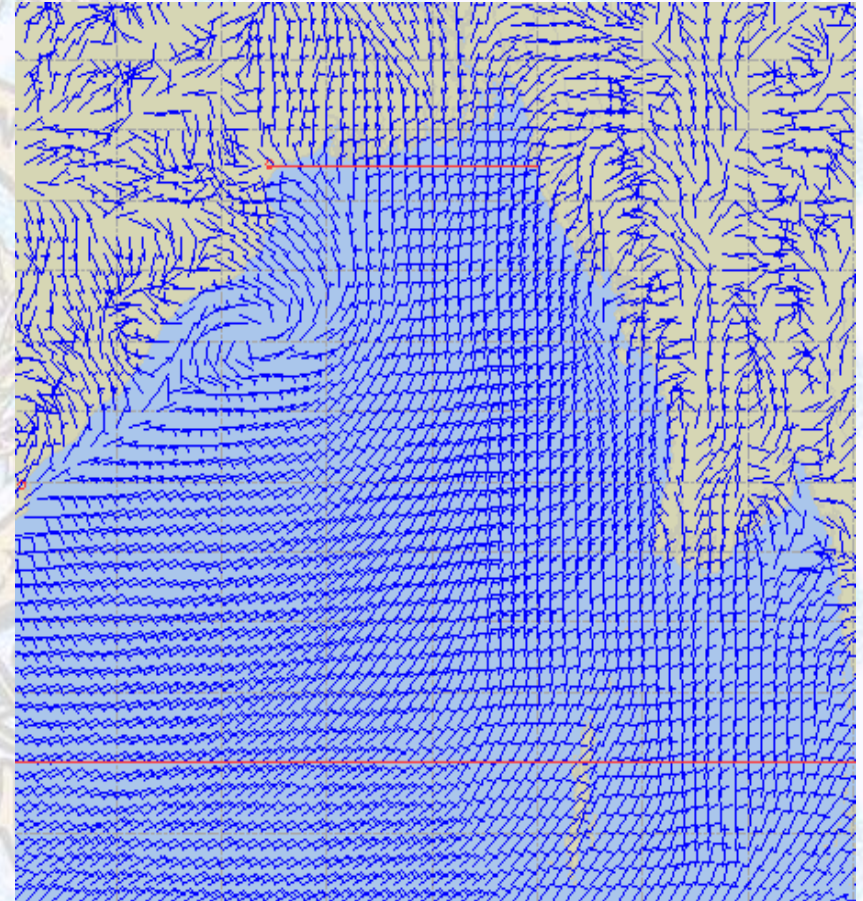
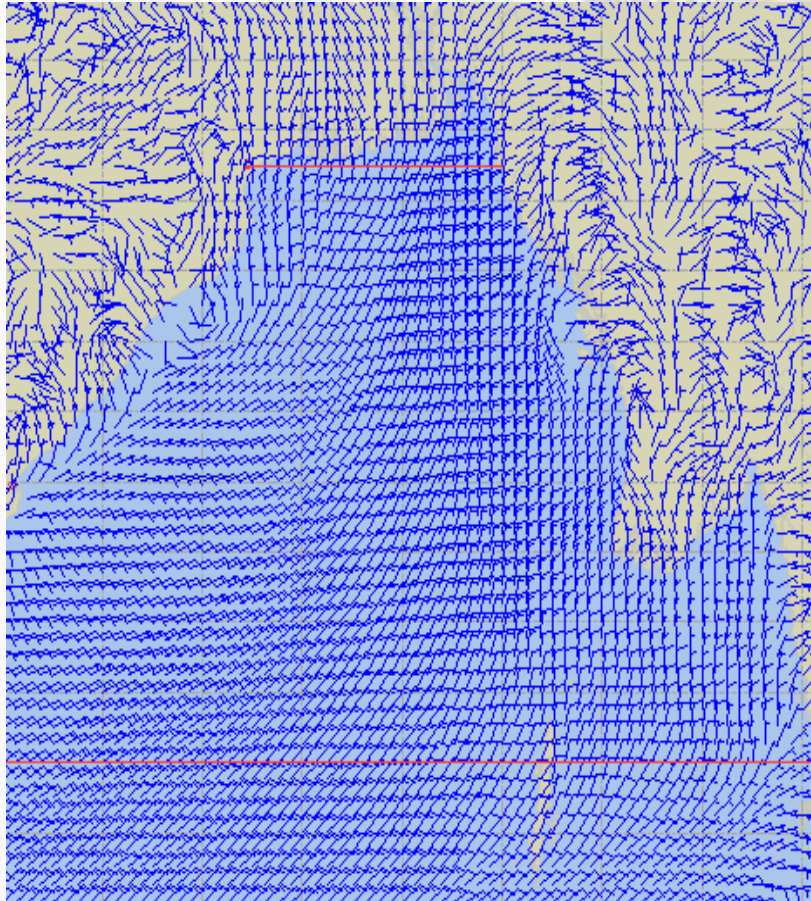




# Surface Wind Forecast – 28 & 29 Jan - 2021

28 Jan 21 Thursday

29 Jan 21 Friday



**Legend:**



Calm  
Winds



5 Knots



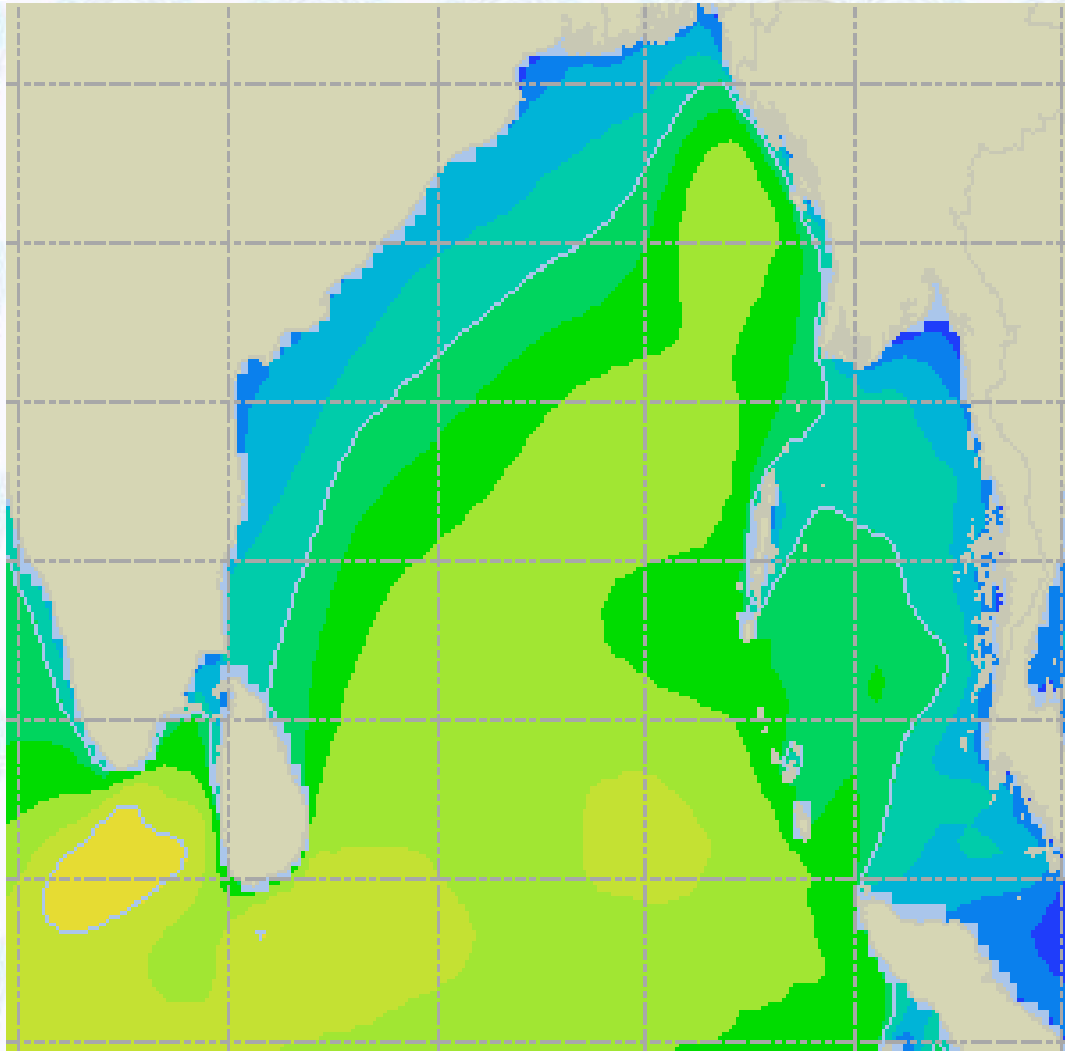
10 Knots



60 Knots



# Sea State Forecast – 27 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



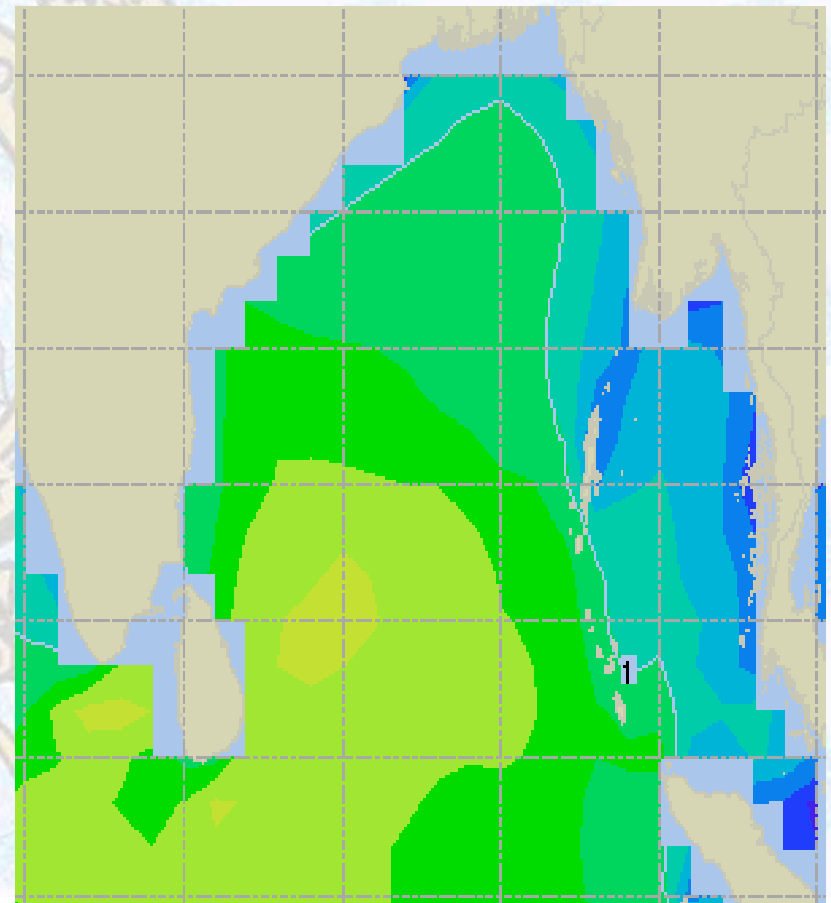
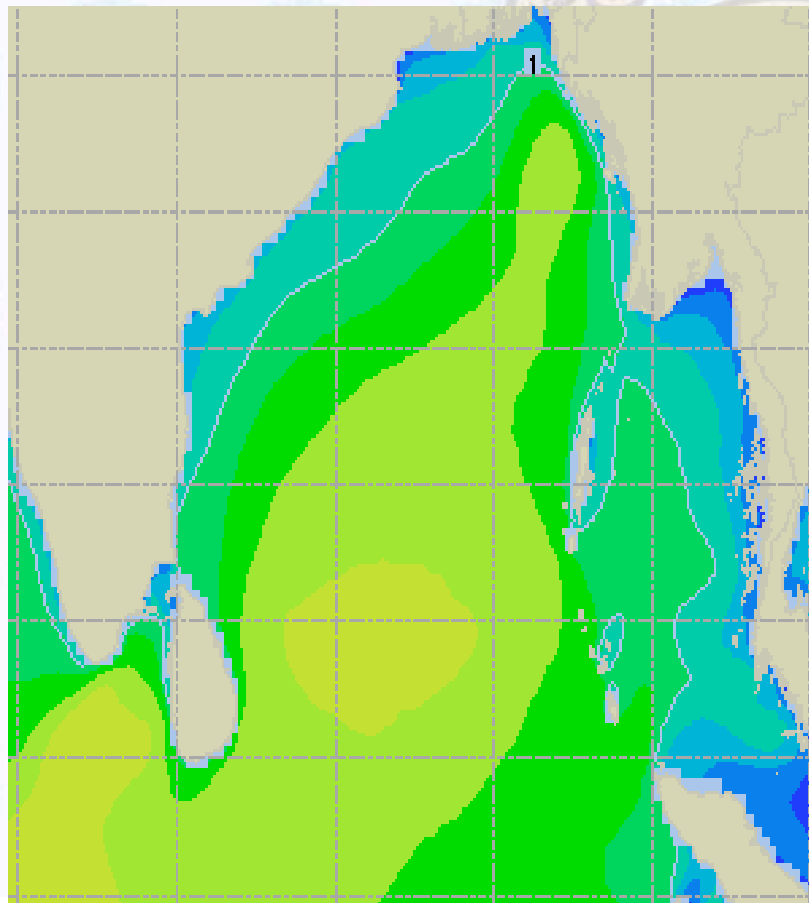




# Sea State Forecast – 28 & 29 Jan - 2021

28 Jan 21 Thursday

29 Jan 21 Friday

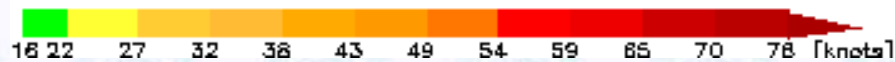
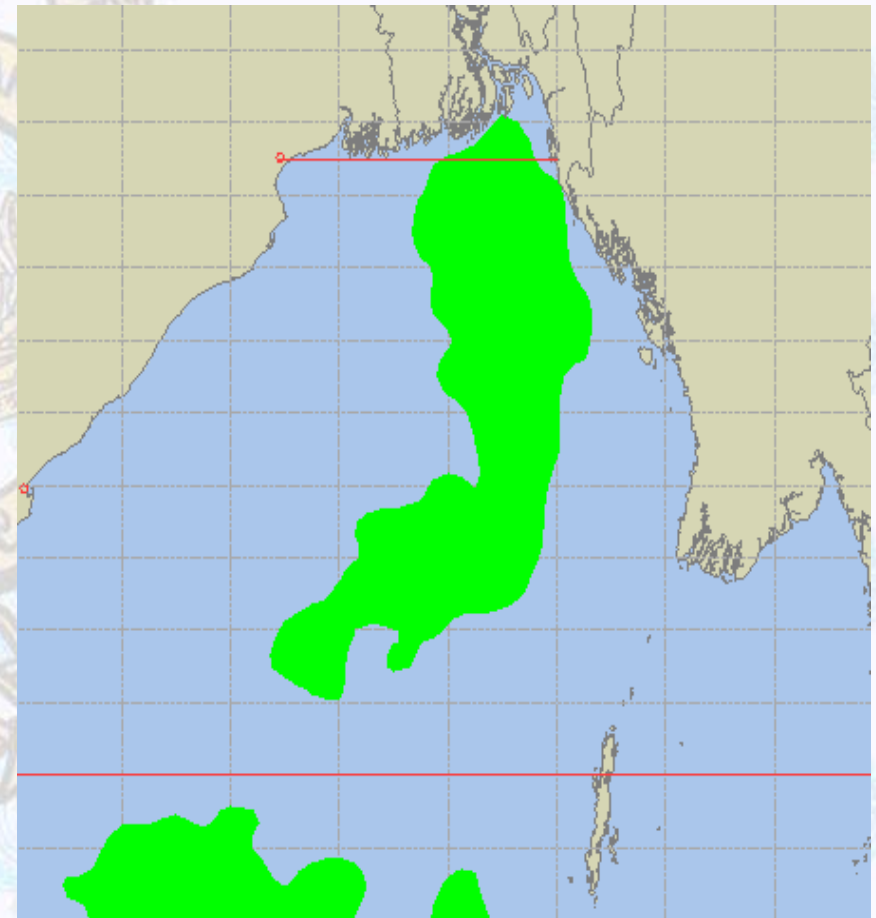
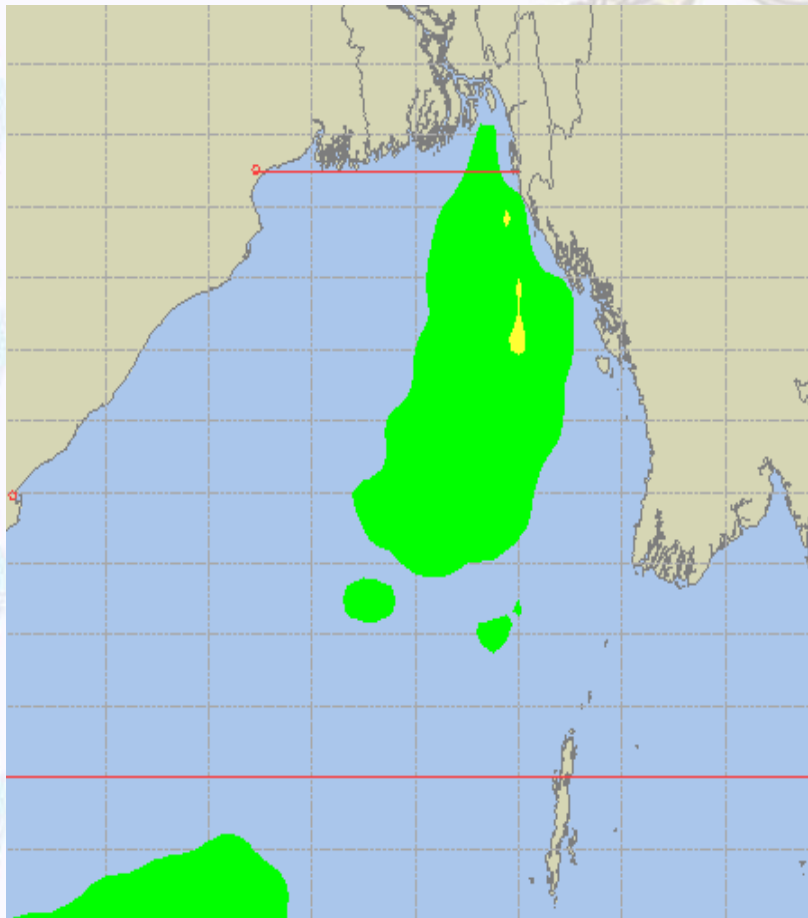




# Peak Gusting Possibilities– 27 & 28 Jan 2021

27 Jan 21 Wednesday

28 Jan 21 Thursday

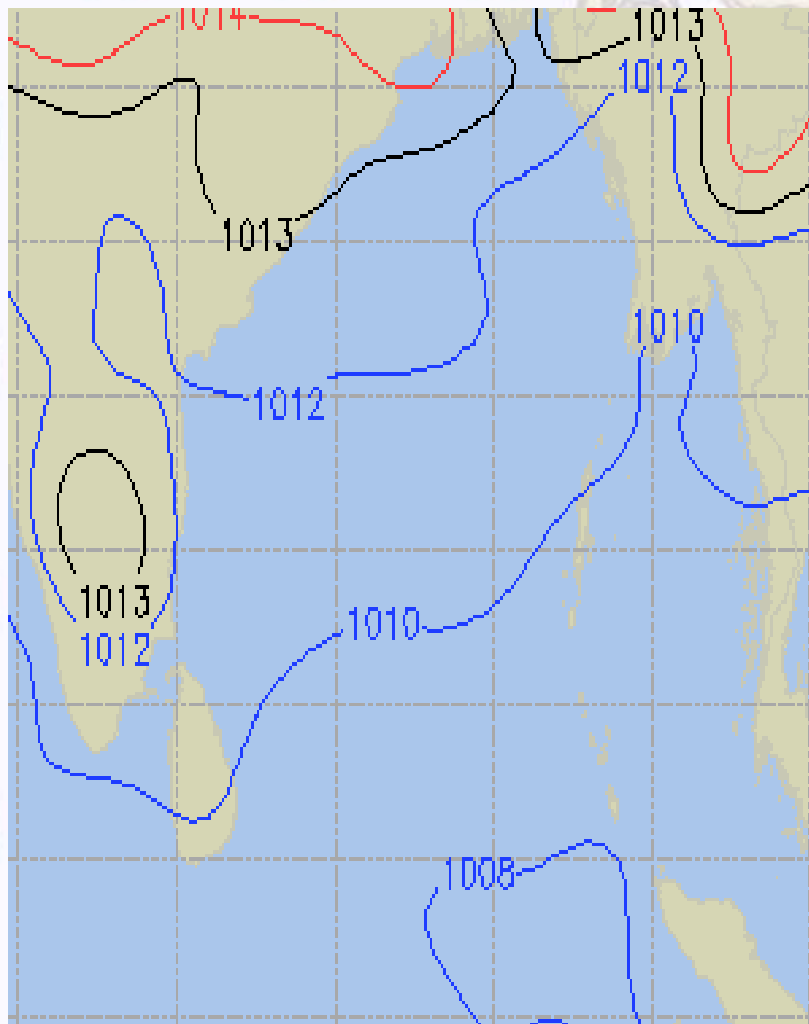




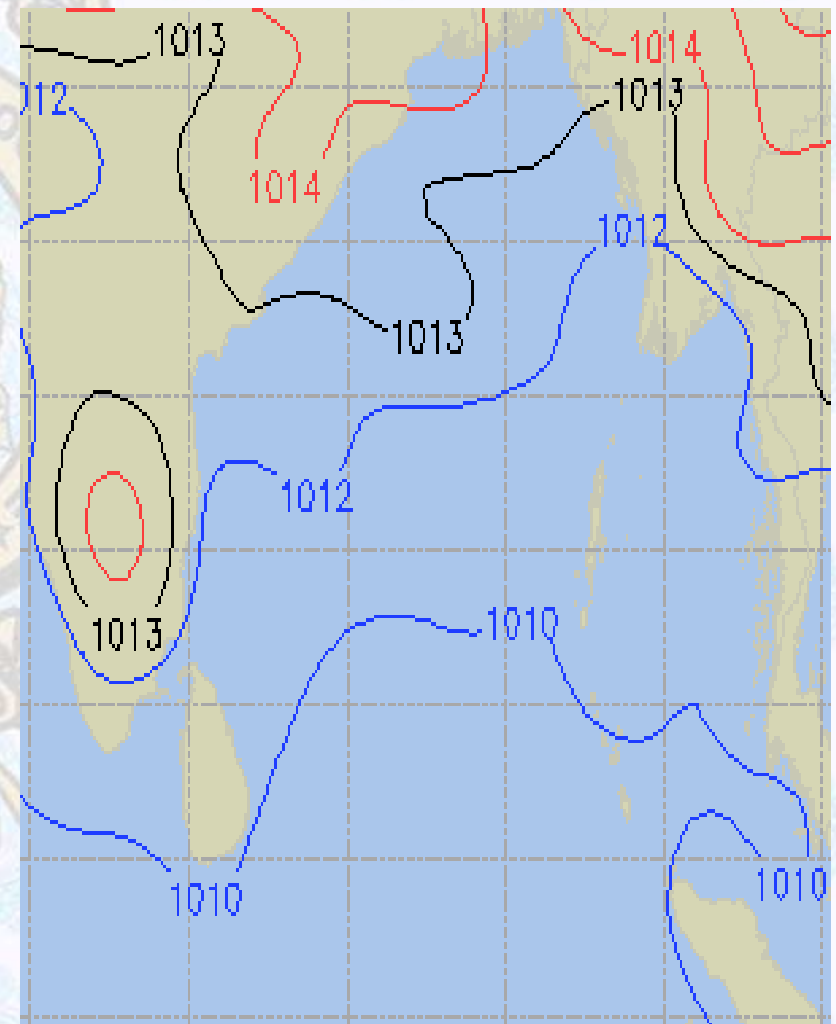


# Surface Pressure forecast – 27 & 28 Jan 2021

27 Jan 21 Wednesday



28 Jan 21 Thursday

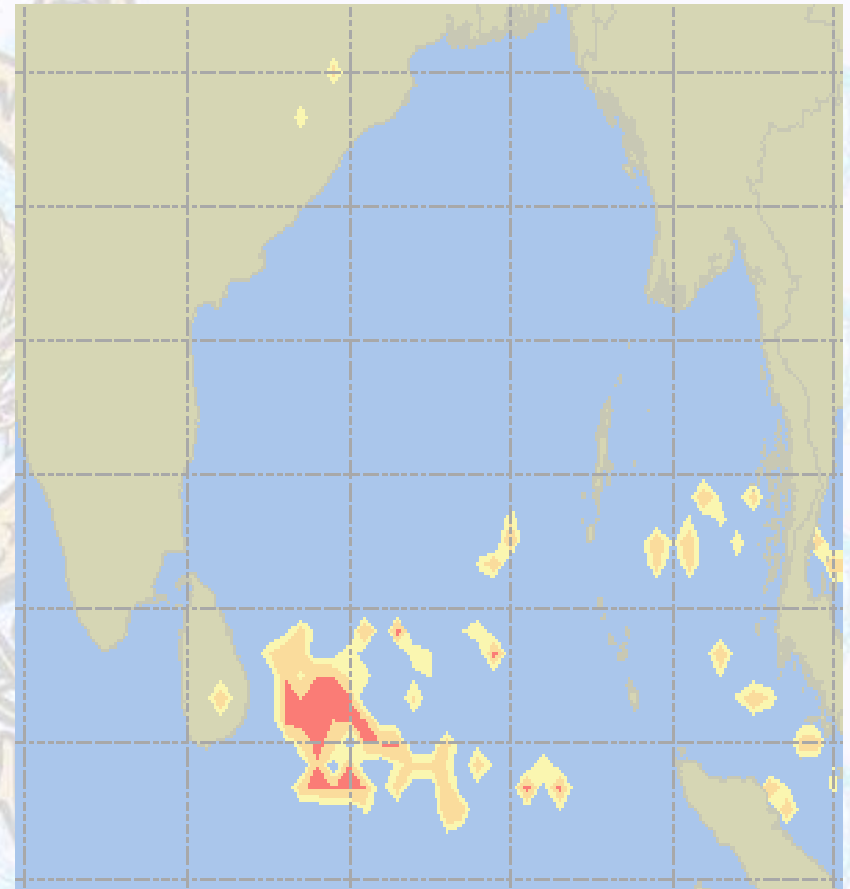
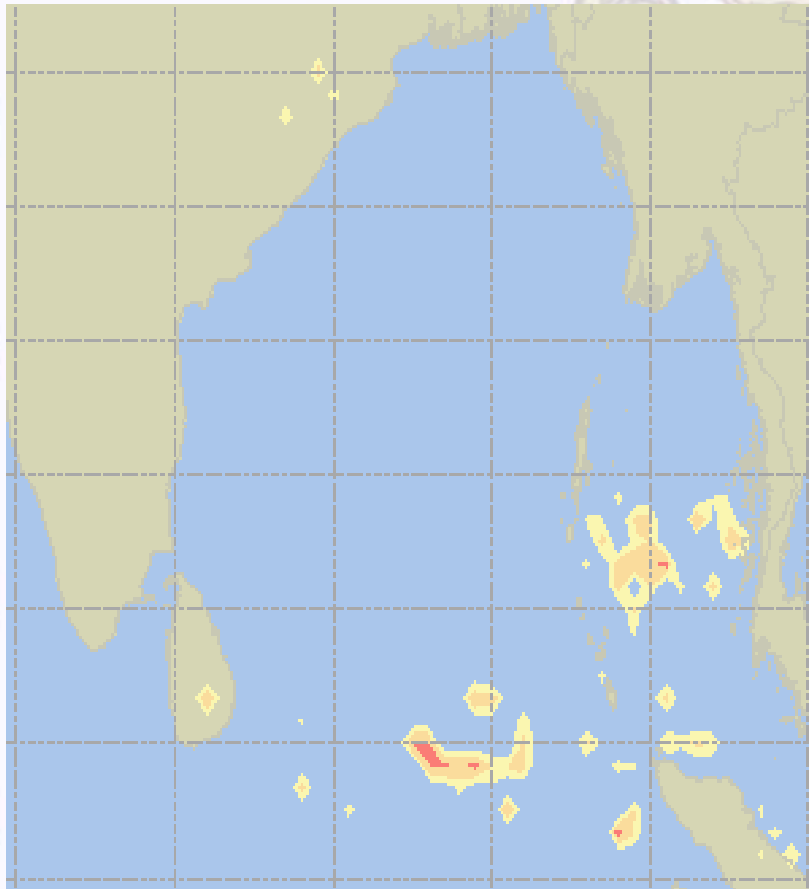




# Visibility at Sea Forecast – 27 & 28 Jan 2021

27 Jan 21 Wednesday

28 Jan 21 Thursday



**Visibility Scale:**



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

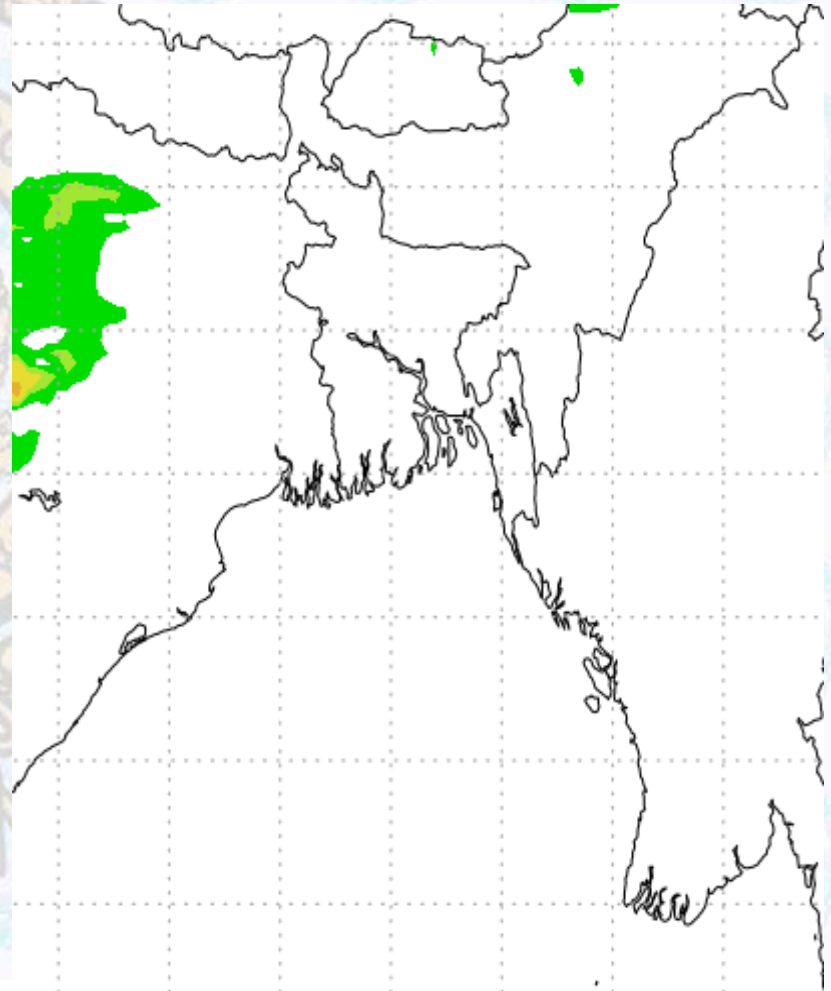
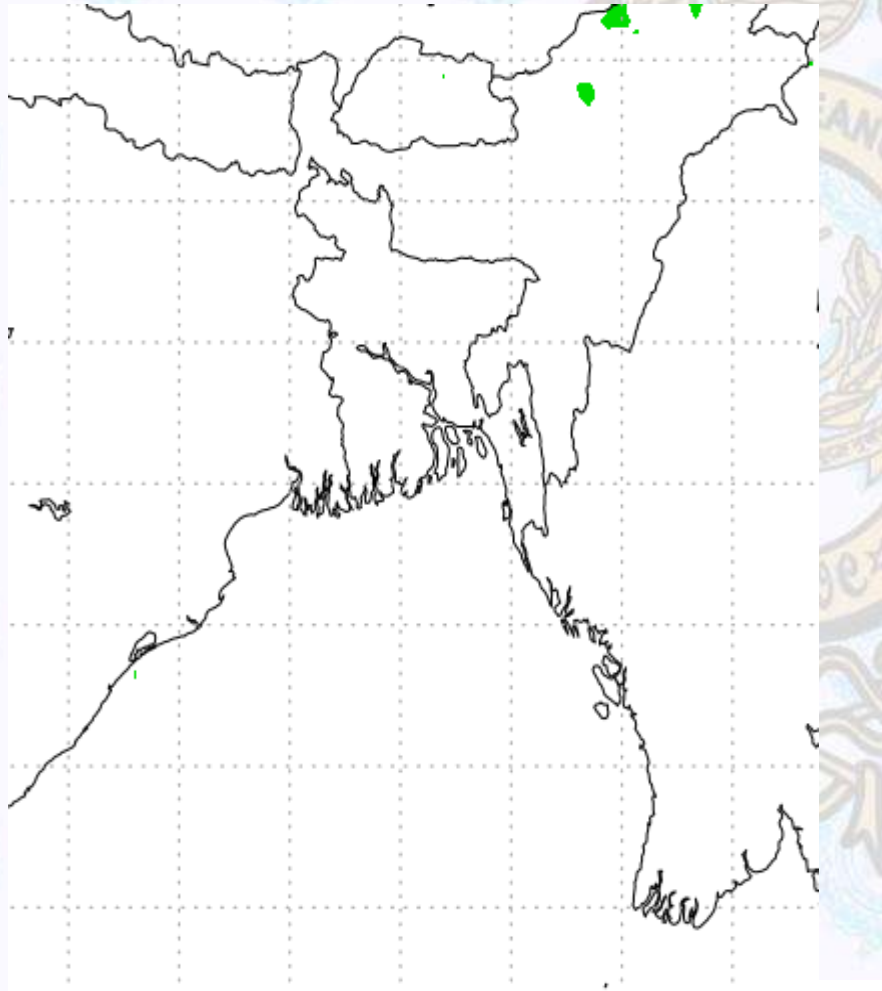




# Precipitation

Rain(mm) 27 & 28 Jan 2021

Rain(mm) 28 & 29 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<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
<b>28 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0030	4.07		0455	0.52		0457	0.63
	0722	0.70		1031	2.71		1046	2.41
	1300	3.61		1700	0.41		1648	0.49
	1915	0.67		2256	3.26		2301	2.80
<b>29 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0103	4.19		0532	0.41		0531	0.49
	0758	0.61		1107	2.85		1122	2.51
	1331	3.74		1737	0.32		1726	0.39
	1953	0.59		2332	3.36		2335	2.86