



# **WEATHER FORECAST FOR BN**

***29 JAN - 01 FEB 2021***





# WEATHER FORECAST – DHAKA

## 29.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 16	23 / 15	20 / 15	17 / 14
Wind	10 km/h NW	10 km/h NW	6 km/h NW	5 km/h WNW
Humidity	63%	60%	73%	80%
Chance of Precip	1%	1%	4%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 40 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 1.80 km

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



# WEATHER FORECAST – CHATTOGRAM

## 29.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	24 / 14	20 / 16	18 / 15
Wind	11km/h WNW	11 km/h NW	10 km/h NW	9 km/h NW
Humidity	57%	54%	77%	84%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	6%	10%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 34 AM			
Sunset	17: 37 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.8 Km

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



# WEATHER FORECAST – KHULNA

## 29.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	23 / 11	23 / 11	17 / 13	15 / 12
Wind	10 km/h NNW	10 km/h NNW	5 km/h NNW	4 km/h NW
Humidity	48%	48%	75%	83%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 45 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 4.5 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	30 Jan 2021	31 Jan 2021	01 Feb 2021
<b>Temperature (C)</b>	22°C/ 12°C	23°C/ 13°C	23°C/ 13°C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h40m12s/17h43m36s	6h39m48s/17h44m18s	6h39m30s/17h45m06s
<b>Day Length</b>	11h03m24s	11h04m30s	11h05m36s
<b>Moon Rise/ Set</b>	7:19AM 7:52AM	8:20AM 8:34AM	9:21PM 9:14AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 84%
<b>Nautical Twilight</b>	05:47, 18:34	05:46, 18:34	05:46, 18:34
<b>Civil Twilight</b>	06:14, 18:05	06:14, 18:06	06:13, 18:06
<b>Humidity</b>	D : 72% N : 77%	D : 68% N : 77%	D : 67% 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>	8 Km/h WNW	8 Km/h NW	6 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	30 Jan 2021	31 Jan 2021	01 Feb 2021
<b>Temperature (C)</b>	26°C/ 15°C	25°C/ 12°C	24°C/ 12°C
<b>Summary</b>	AM Fog/ PM Hazy	AM Fog/ PM Hazy	AM Fog/ PM Hazy
<b>Sun Rise/Set</b>	6h32m06s/ 17h40m06s	6h31m42s/ 17h40m48s	6h31m30s/ 17h41m36s
<b>Day Length</b>	11h08m00s	11h09m06s	11h10m06s
<b>Moon Rise/ Set</b>	7:15AM 7:45AM	8:15AM 8:27AM	9:21PM 9:14AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 84%
<b>NauticalTwilight</b>	05:39, 18:28	05:39, 18:29	05:38, 18:29
<b>Civil Twilight</b>	06:07, 18:01	06:06, 18:01	06:06, 18:01
<b>Humidity</b>	D : 67% N : 83%	D : 58% N : 75%	D : 58% N : 75%
<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>	11 Km/h NW	10 Km/h NW	10 Km/h N W

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



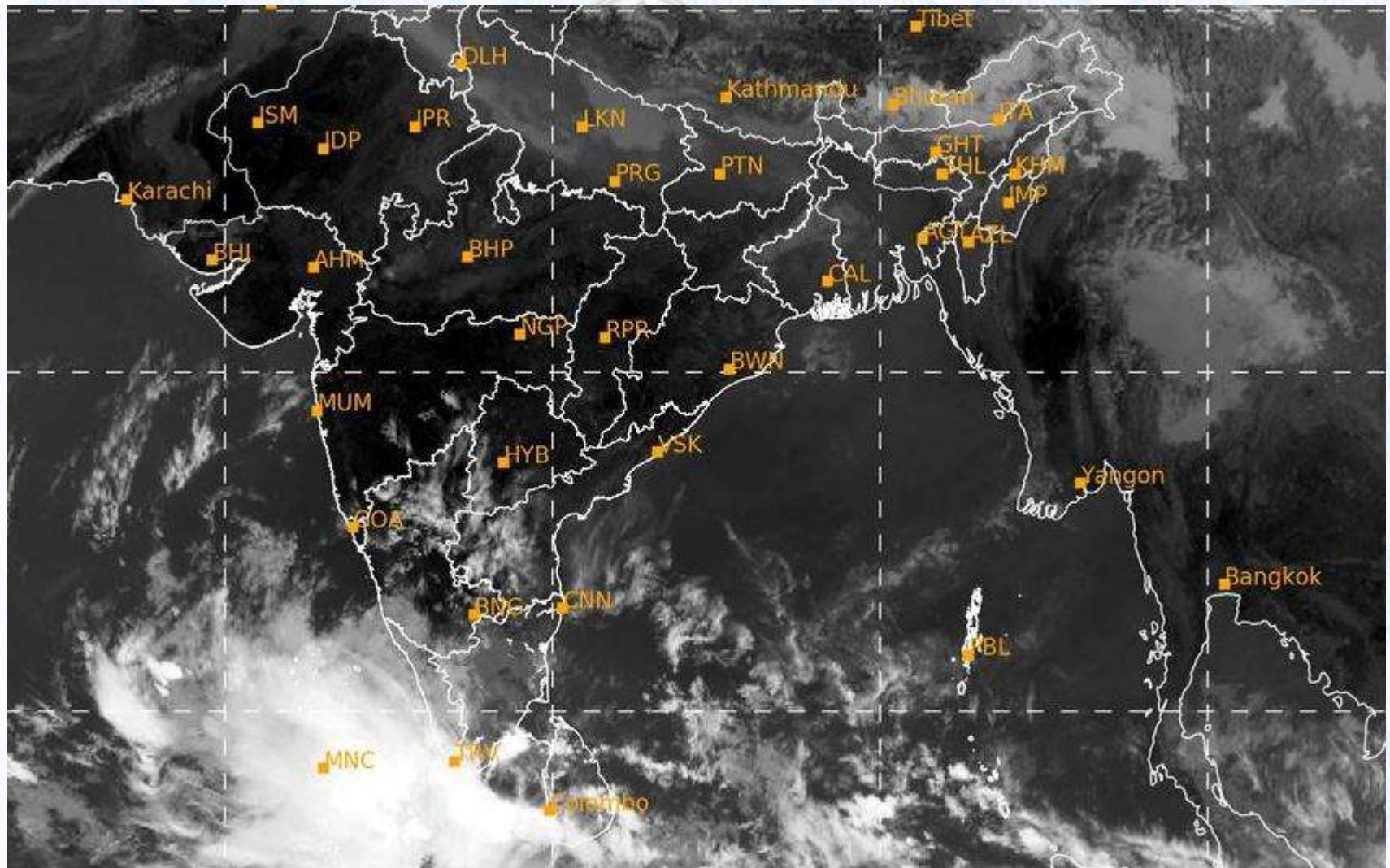
# GENERAL WEATHER FORECAST – KHULNA

Description	30 Jan 2021	31 Jan 2021	01 Feb 2021
<b>Temperature(C)</b>	23°C/ 12°C	23°C/ 12°C	23°C/ 12°C
<b>Summary</b>	AM Fog / PM Hazy	AM Fog / PM Hazy	AM Fog / PM Hazy
<b>Sun Rise/Set</b>	6h42m00s/ 17h48m30s	6h41m42s/ 17h49m12s	6h41m24s/ 17h50m00s
<b>Day Length</b>	10h06m30s	10h07m30s	10h08m36s
<b>Moon Rise/Set</b>	7:24AM 7:55AM	8:24AM 8:37AM	9:21PM 9:14AM
<b>Moon Phase/illu</b>	Waning Gibbous, 97%	Waning Gibbous, 92%	Waning Gibbous, 84%
<b>Nautical Twilight</b>	05:49, 18:37	05:48, 18:37	05:48, 18:37
<b>Civil Twilight</b>	06:19, 18:07	06:18, 18:08	06:18, 18:08
<b>Humidity</b>	D : 67% N : 78%	D : 63% N : 77%	D : 63% N : 77%
<b>Barometer (mb)</b>	1014	1015	1015
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	10%	5%	5%
<b>Wind (mph)</b>	10 km/h NW	9 km/h NNW	9 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



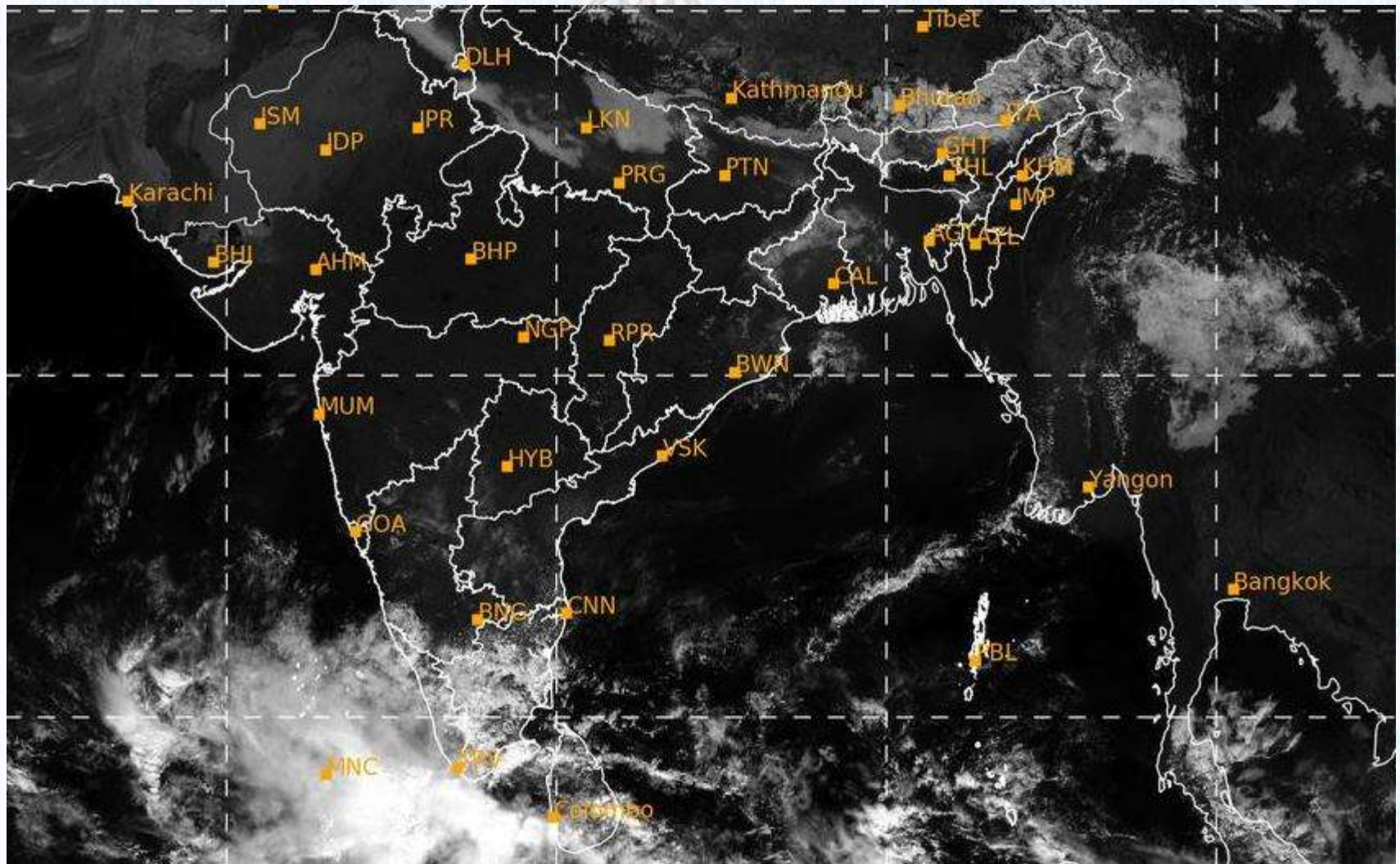
29/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



29/01/2021, 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 29.01.2021)

<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 <b>FOG</b> .
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 29,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 29.01.2020)

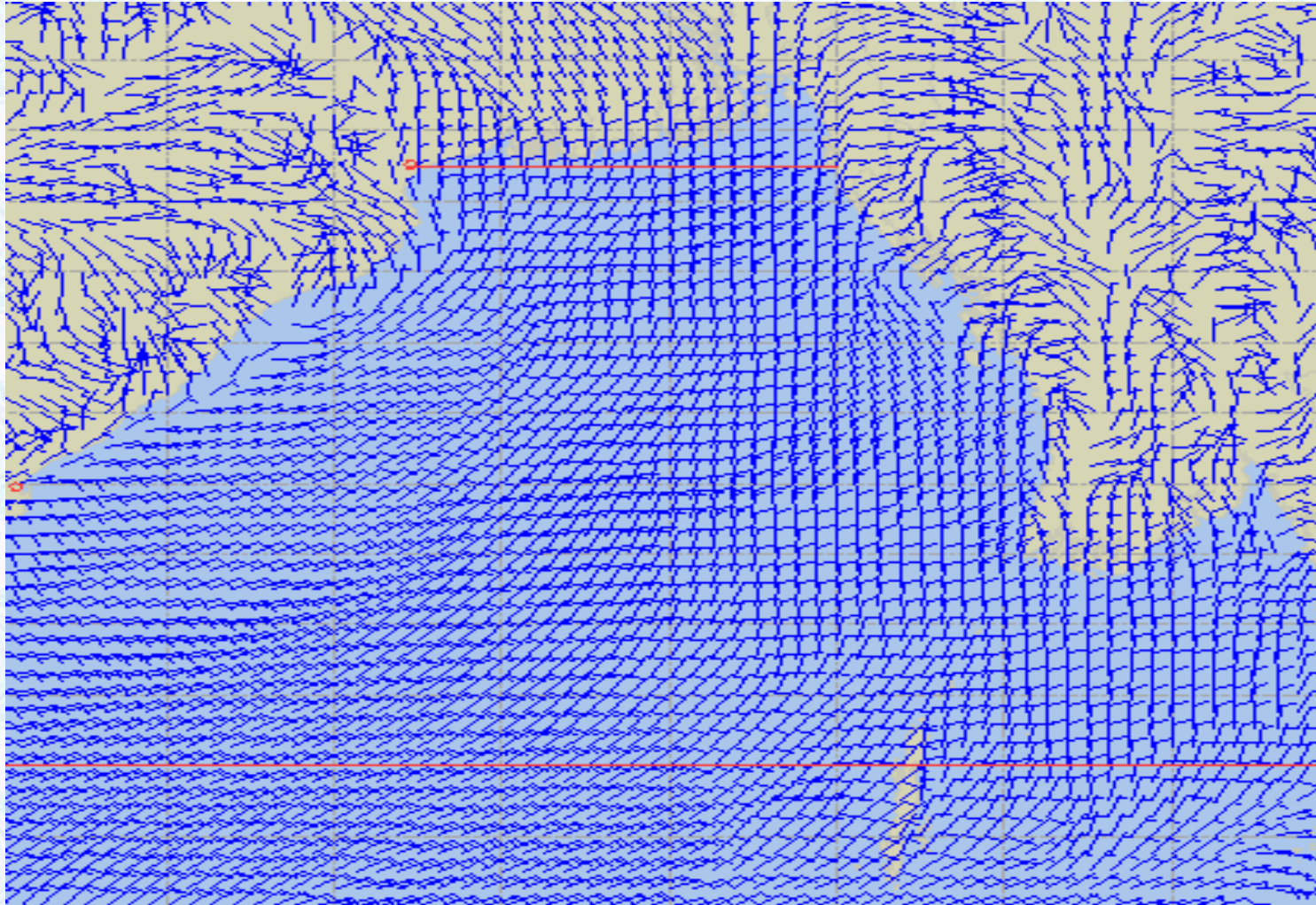
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 30 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



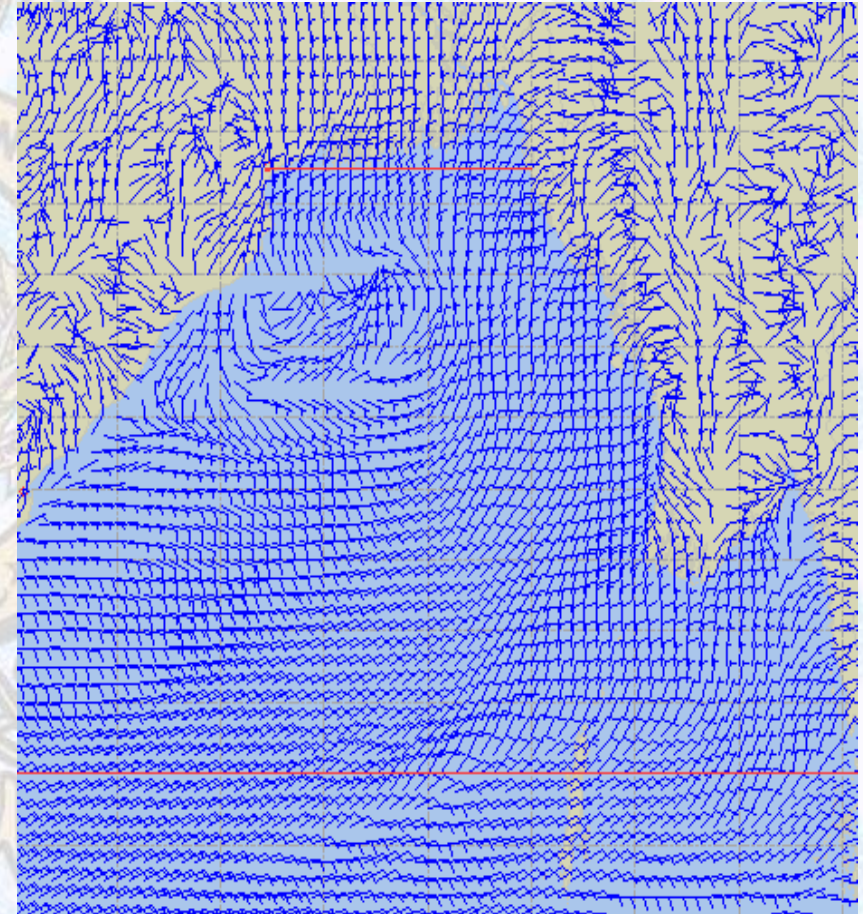
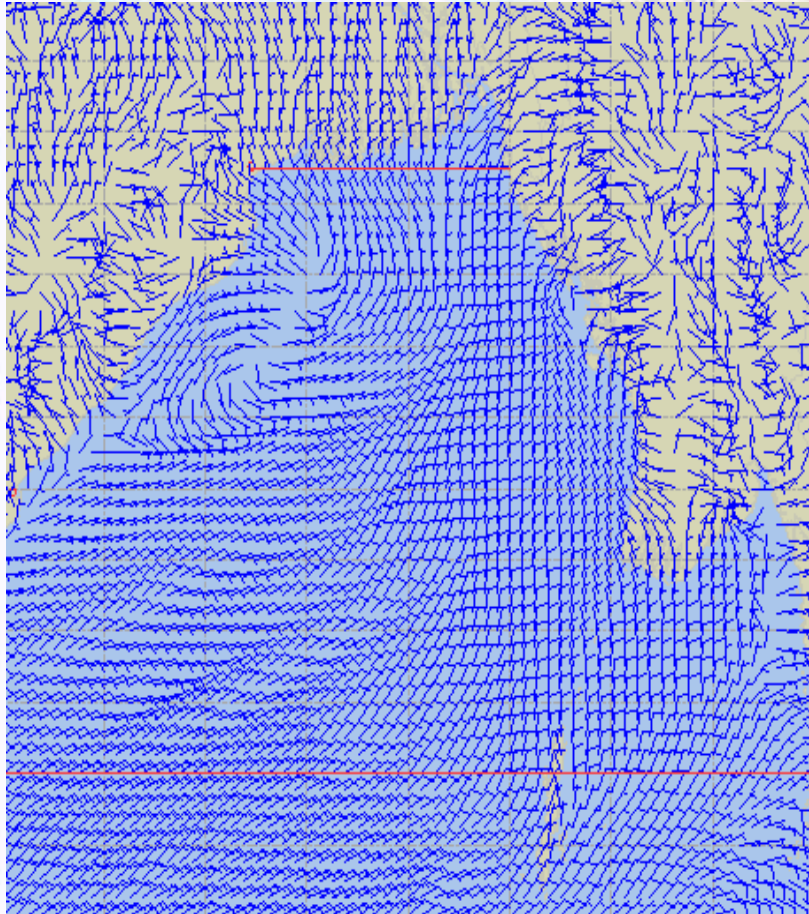
**60 Knots**



# Surface Wind Forecast – 31 Jan & 01 Feb - 2021

31 Jan 21 Sunday

01 Feb 21 Monday



**Legend:**



Calm  
Winds



5 Knots



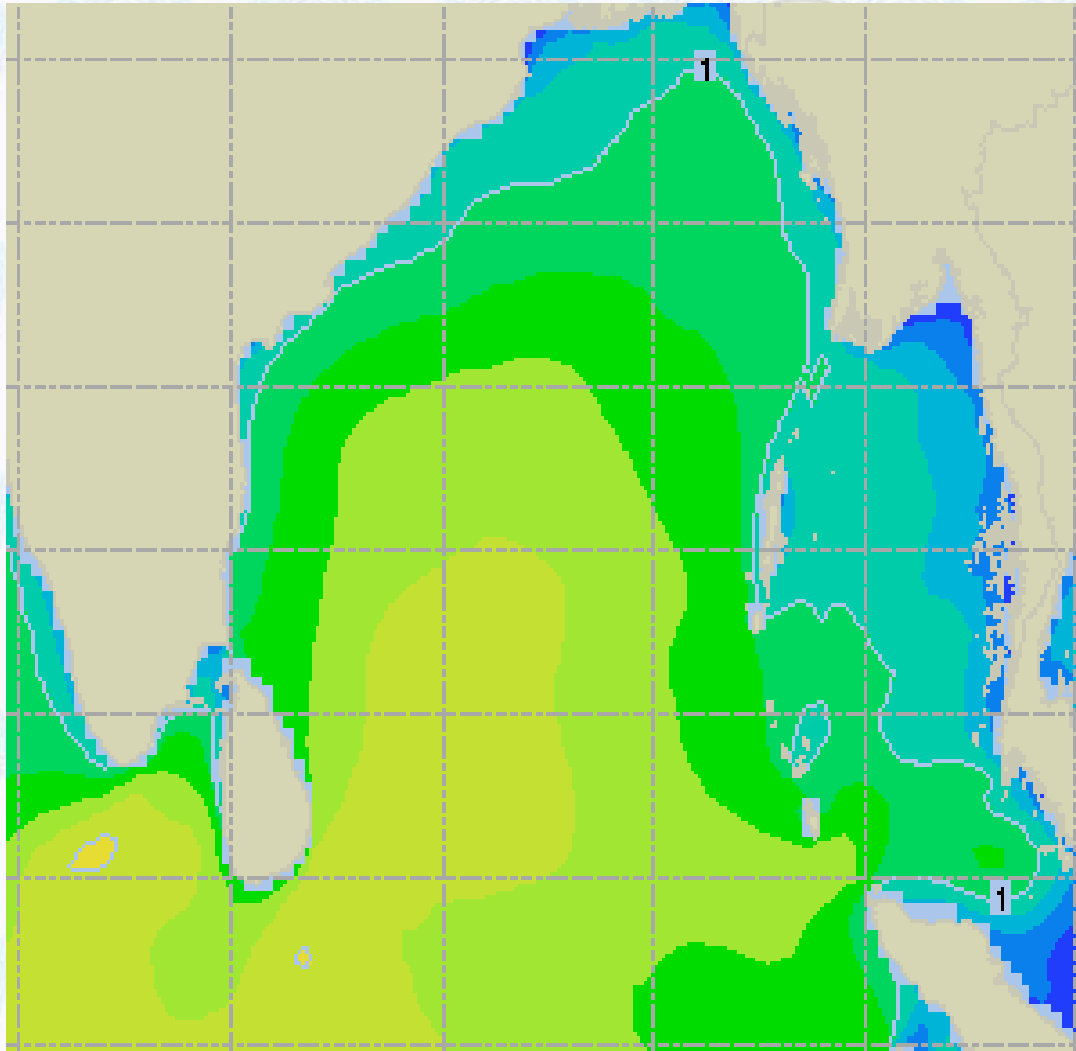
10 Knots



60 Knots



# Sea State Forecast – 30 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

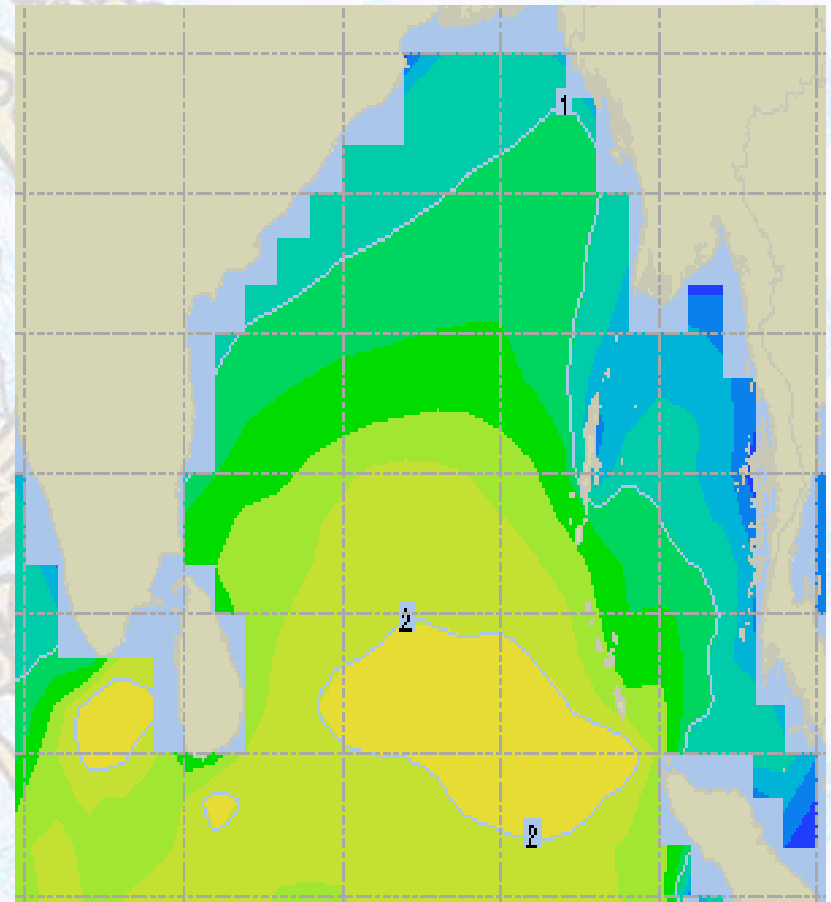
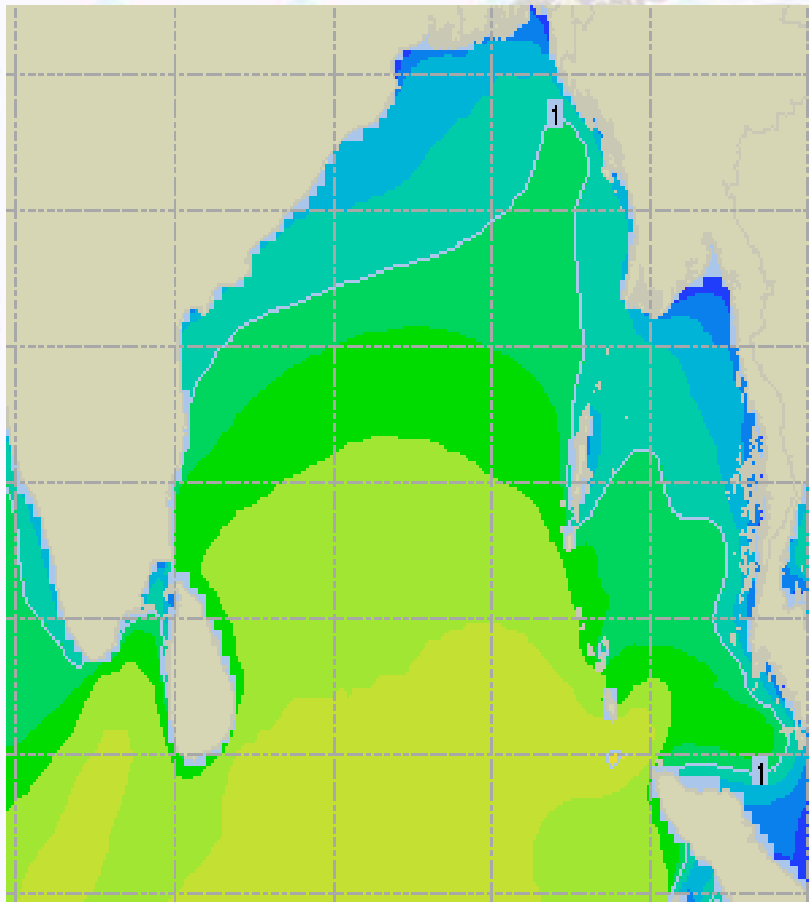




# Sea State Forecast – 31 Jan & 01 Feb - 2021

31 Jan 21 Sunday

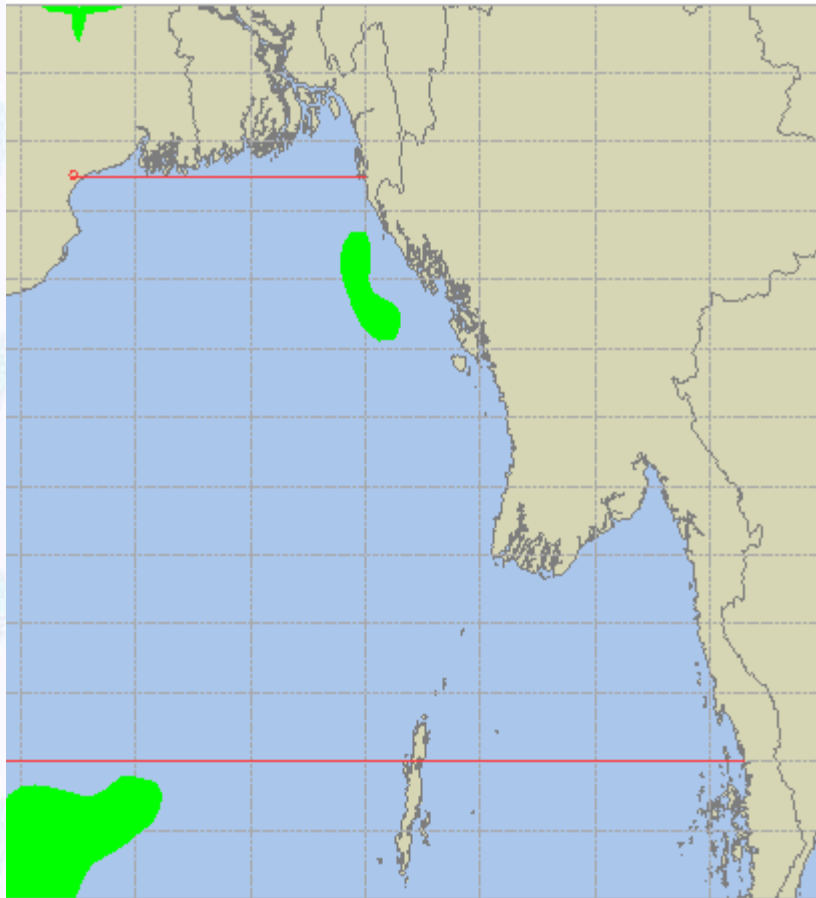
01 Jan 21 Monday



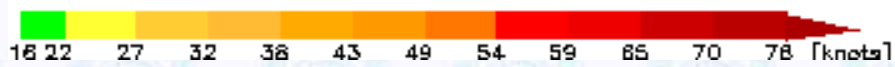
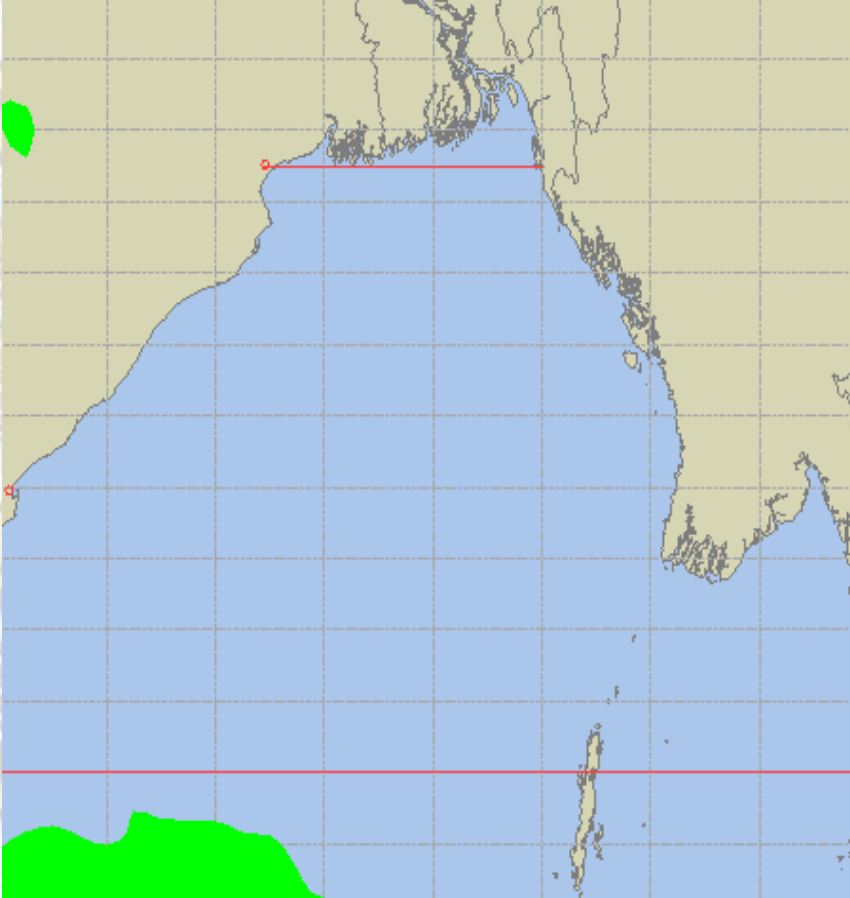


# Peak Gusting Possibilities– 30 & 31 Jan 2021

## 30 Jan 21 Saturday



## 31 Jan 21 Sunday

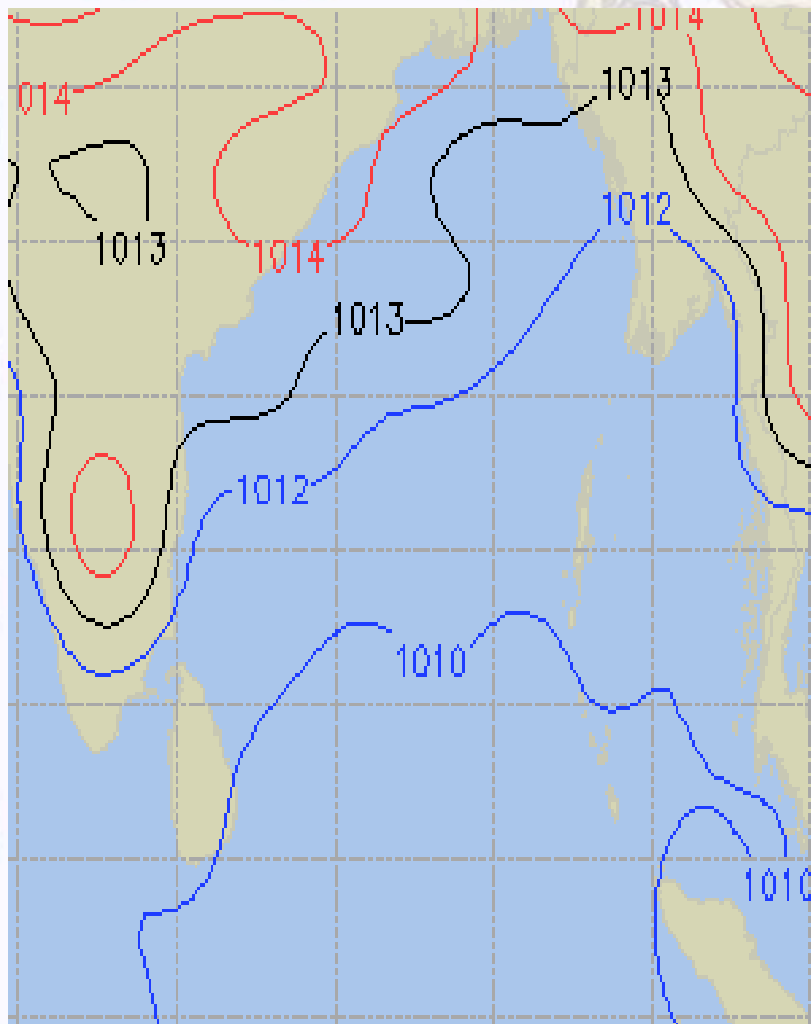




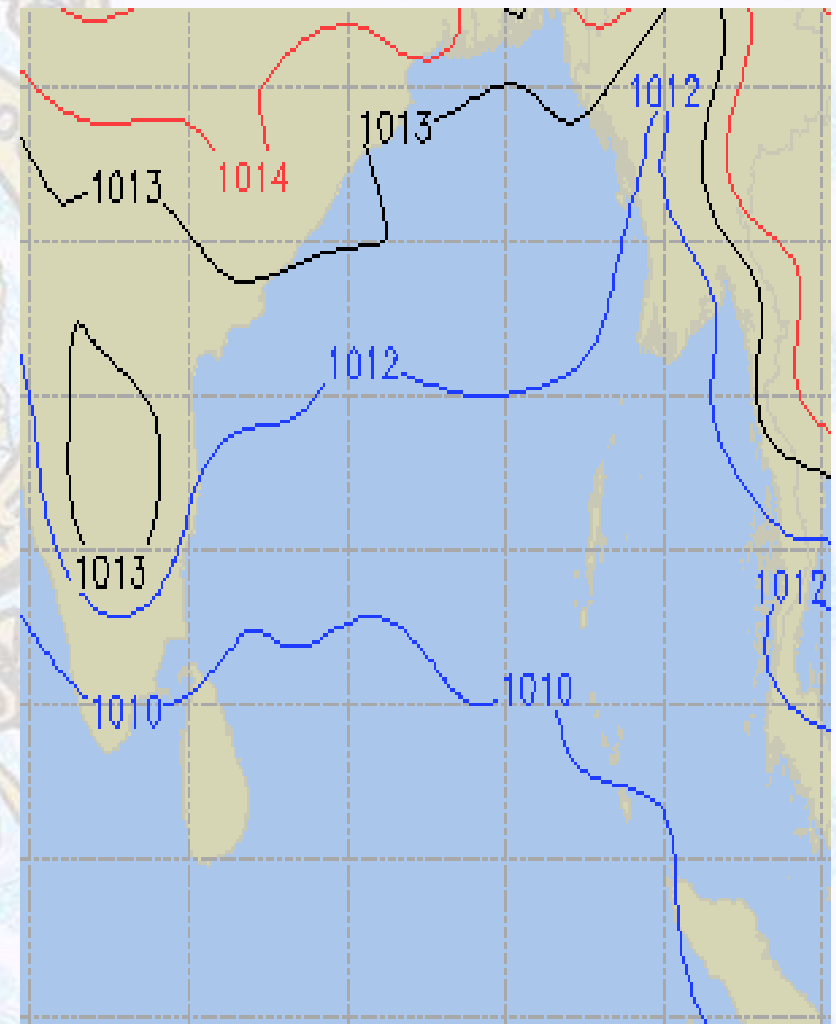


# Surface Pressure forecast – 30 & 31 Jan 2021

30 Jan 21 Saturday



31 Jan 21 Sunday

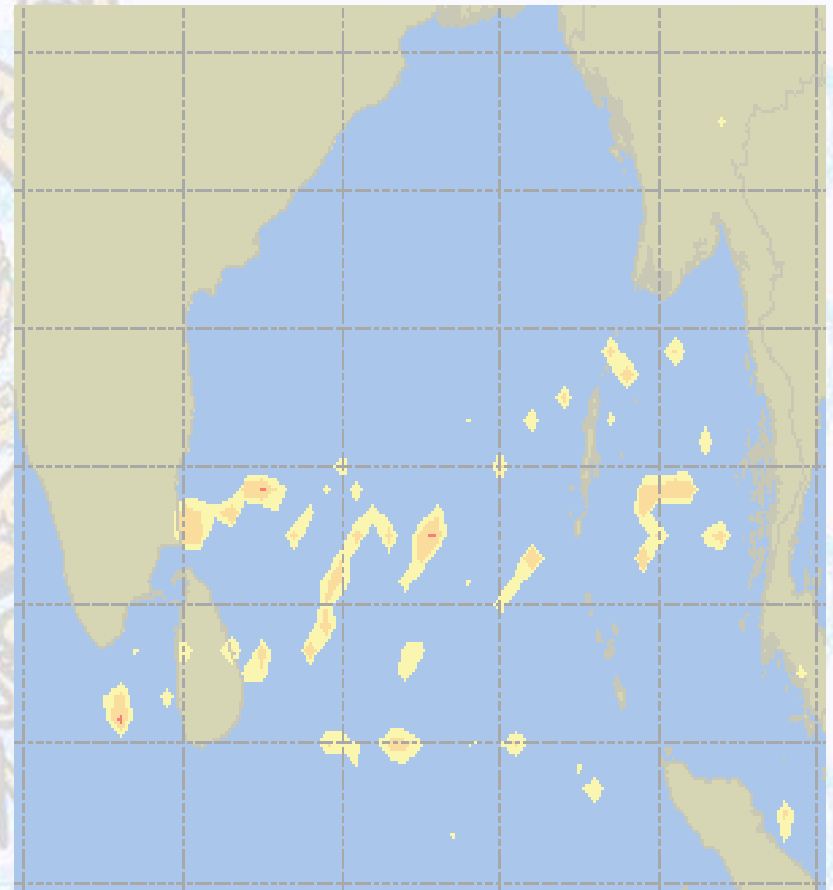
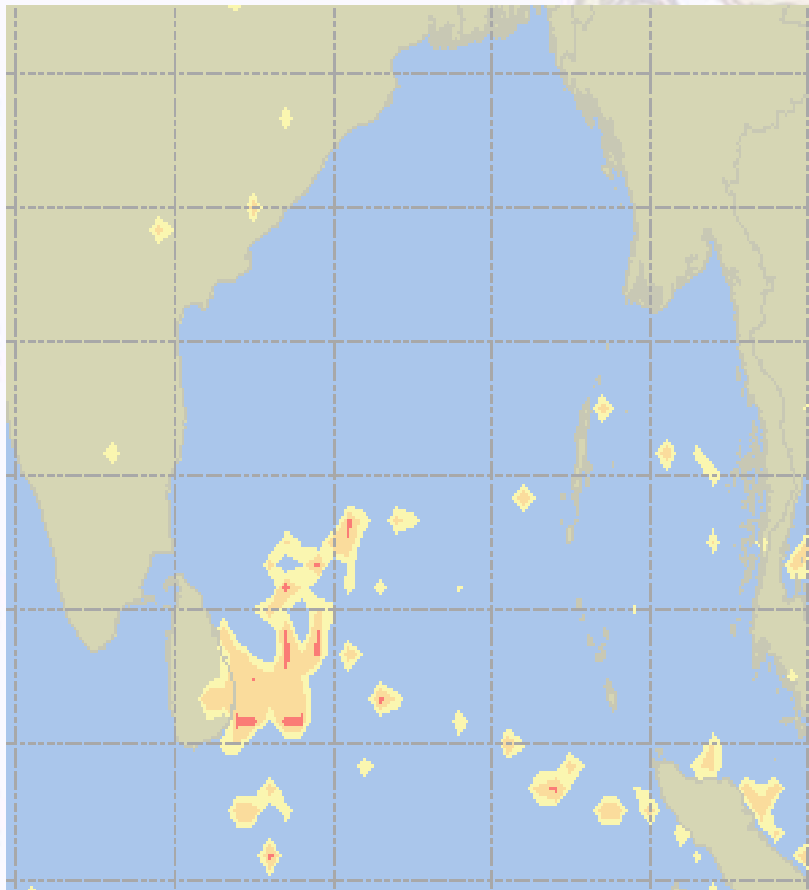




# Visibility at Sea Forecast – 30 & 31 Jan 2021

30 Jan 21 Saturday

31 Jan 21 Sunday



**Visibility Scale:**




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




# Precipitation

## Rain(mm) 30 & 31 Jan 2021

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## Rain(mm) 31 Jan & 01 Feb 2021

 The image cannot be displayed. Your computer may not have enough memory to open the image, or the image may have been corrupted. Restart your computer, and then open the file again. If the red x still appears, you may have to delete the image and then insert it again.

**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>30 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0135	4.28		0609	0.31		0605	0.38
	0832	0.52		1143	2.95		1157	2.58
	1403	3.86		1814	0.27		1804	0.35
	2031	0.53		-	-		-	-
<b>31 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0208	4.35		0008	3.40		0009	2.88
	0907	0.43		0644	0.25		0640	0.31
	1437	3.95		1221	2.99		1233	2.62
	2109	0.49		1851	0.26		1842	0.36
<b>01 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0245	4.35		0045	3.36		0044	2.85
	0943	0.34		0720	0.23		0715	0.28
	1517	4.00		1301	2.98		1311	2.63
	2150	0.50		1930	0.29		1921	0.42