



# **WEATHER FORECAST FOR BN**

***30 DEC - 02 JAN 2021***





# WEATHER FORECAST – DHAKA

## 30.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 14	21 / 14	19 / 14
Wind	12 km/h NW	12 km/h NW	6 km/h NW	6 km/h NW
Humidity	52%	52%	68%	76%
Chance of Precip	1%	1%	2%	4%
Cloud Cover	10%	15%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 40 AM 17: 21 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3.50 km

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





# WEATHER FORECAST – CHATTOGRAM

## 30.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 14	25 / 15	21 / 17	19 / 16
Wind	8 km/h NW	8 km/h WNW	8 km/h NW	9 km/h N
Humidity	51%	54%	78%	84%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	1%	2%	2%	5%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 31 AM			
Sunset	17: 19 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 3:22 Km

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



# WEATHER FORECAST – KHULNA

## 30.12.2020

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 11	25 / 11	19 / 13	16 / 12
Wind	15 km/h NNW	13 km/h NNW	5 km/h NW	5 km/h NNW
Humidity	41%	41%	68%	76%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	4%	10%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 41 AM 17: 27 PM			

### Conditions

Pressure : 1017 hpa

Visibility : 5.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	31 Dec 2020	01 Jan 2021	02 Jan 2021
<b>Temperature (C)</b>	25 °C / 14 °C	25 °C / 14 °C	25 °C / 14 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h40m48s/17h22m12s	6h41m24s/17h22m54s	6h41m42s/17h23m36s
<b>Day Length</b>	10h41m24s	10h41m30s	10h41m54s
<b>Moon Rise/ Set</b>	6:29 PM 7:36 AM	7:28 PM 8:26 AM	8:28 PM 9:13 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 88%
<b>Nautical Twilight</b>	05:47, 18:15	05:48, 18:15	05:48, 18:16
<b>Civil Twilight</b>	06:16, 17:47	06:16, 17:47	06:16, 17:47
<b>Humidity</b>	D : 65%    N : 80%	D : 66%    N : 79%	D : 67%    N : 80%
<b>Barometer (mb)</b>	1014	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	10 Km/h NW	8 Km/h NW	7 Km/h NW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	31 Dec 2020	01 Jan 2021	02 Jan 2021
<b>Temperature (C)</b>	26 °C/ 14 °C	26 °C/ 14 °C	26 °C/ 14 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h32m00s/17h19m30s	6h32m30s/17h20m12s	6h32m48s/17h20m54s
<b>Day Length</b>	10h47m30s	10h47m42s	10h48m06s
<b>Moon Rise/ Set</b>	6:26 PM 7:26 AM	7:25 PM 8:17 AM	8:24 PM 9:04 AM
<b>Moon Phase/ illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 88%
<b>NauticalTwilight</b>	05:39 18:11	05:40 18:12	05:40 18:13
<b>Civil Twilight</b>	06:07, 17:44	06:07, 17:44	06:08, 17:45
<b>Humidity</b>	D : 67% N : 87%	D : 70% N : 90%	D : 69% N : 89%
<b>Barometer (mb)</b>	1014	1014	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NNW	8 Km/h NW	8 Km/h NW

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





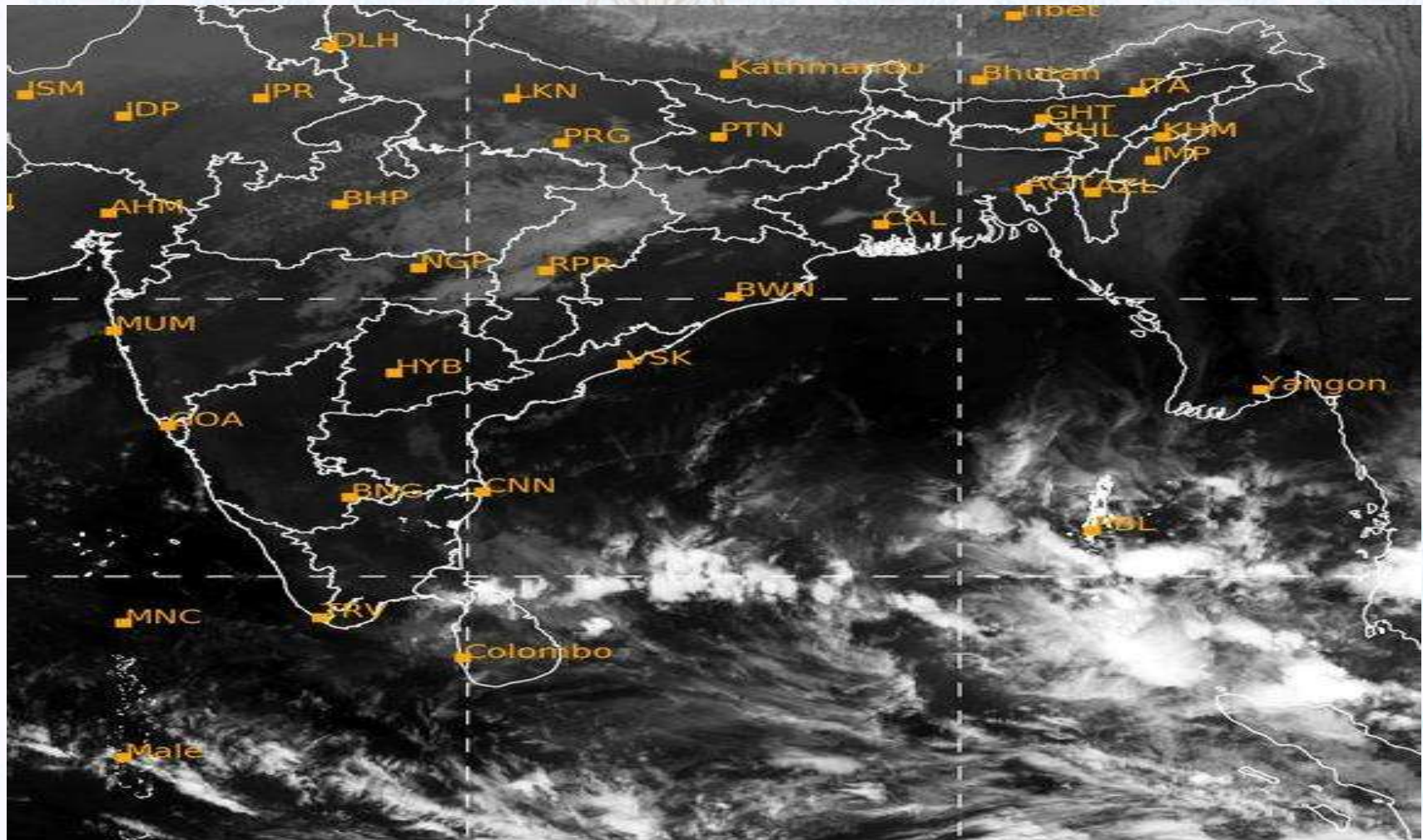
# GENERAL WEATHER FORECAST – KHULNA

Description	31 Dec 2020	01 Jan 2021	02 Jan 2021
<b>Temperature(C)</b>	25°C/ 12°C	25°C/ 12°C	25°C/ 13°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h42m12s/17h27m36s	6h42m42s/17h28m18s	6h43m00s/17h29m00s
<b>Day Length</b>	10h45m24s	10h45m36s	10h46m00s
<b>Moon Rise/Set</b>	6:34 PM 7:37 AM	7:34 PM 8:27 AM	8:33 PM 9:15 AM
<b>Moon Phase/illu</b>	Waning Gibbous, 98%	Waning Gibbous, 94%	Waning Gibbous, 88%
<b>Nautical Twilight</b>	05:49, 18:20	05:49, 18:20	05:50, 18:21
<b>Civil Twilight</b>	06:17, 17:52	06:17, 17:52	06:18, 17:53
<b>Humidity</b>	D : 60% N : 75%	D : 61% N : 78%	D : 64% N : 80%
<b>Barometer (mb)</b>	1015	1015	1015
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	12 km/h NNW	10 km/h NW	9 km/h NNW

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



# SATELLITE VIEW OF BAY OF BENGAL



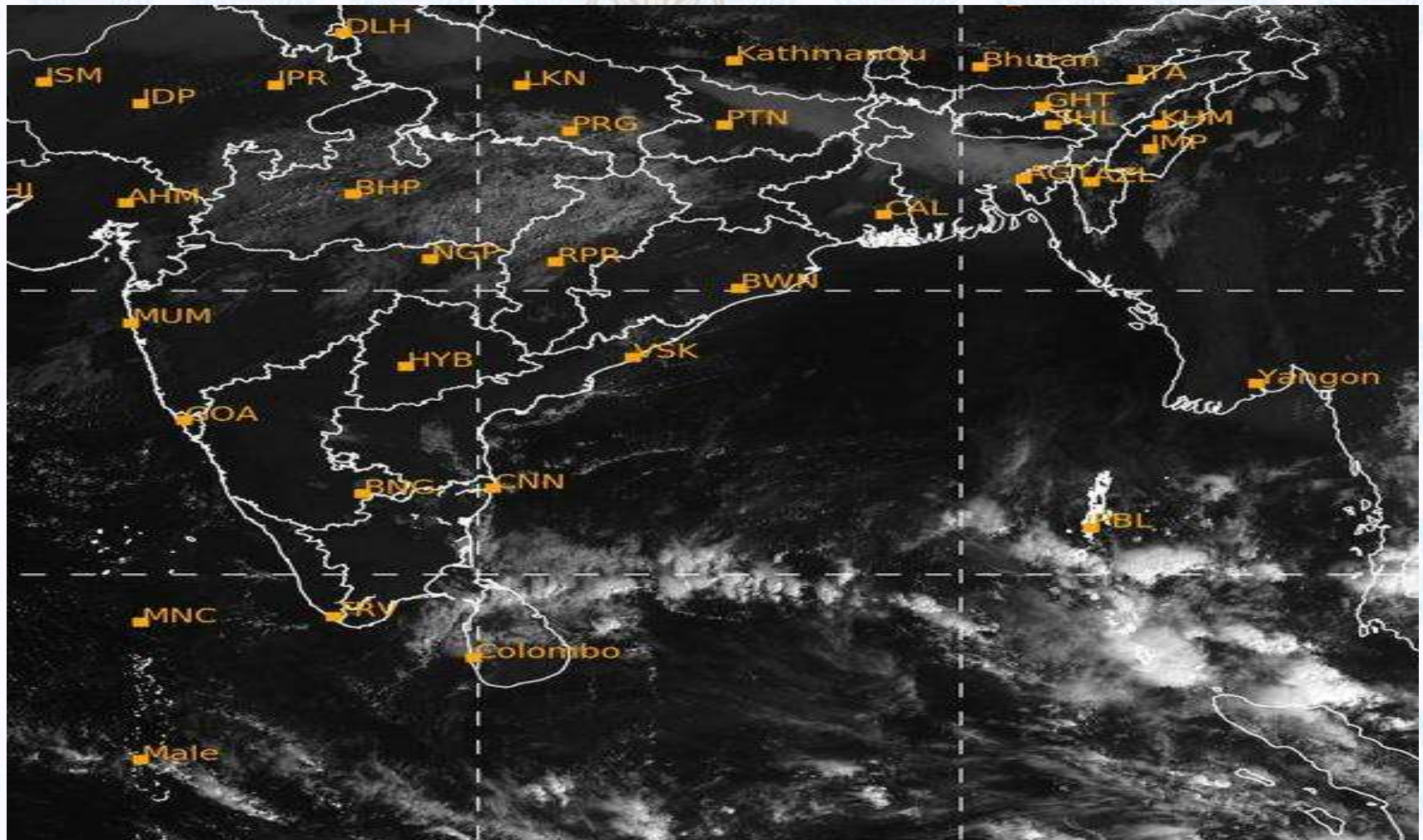
30/12/2020, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



30/12/2020, 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 30.12.2020)

<b>Part One</b>	NO STORM WARNING.	
<b>Part Two</b>	SEASONAL LOW LIES OVER SOUTH BAY.	
<b>Part Three</b>	Weather	SEASONAL OVER AREA C-90.
	Wind	NORTH/NORTH-EASTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 30,0000 UTC. CHATTOGRAM =1013 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 30.12.2020)

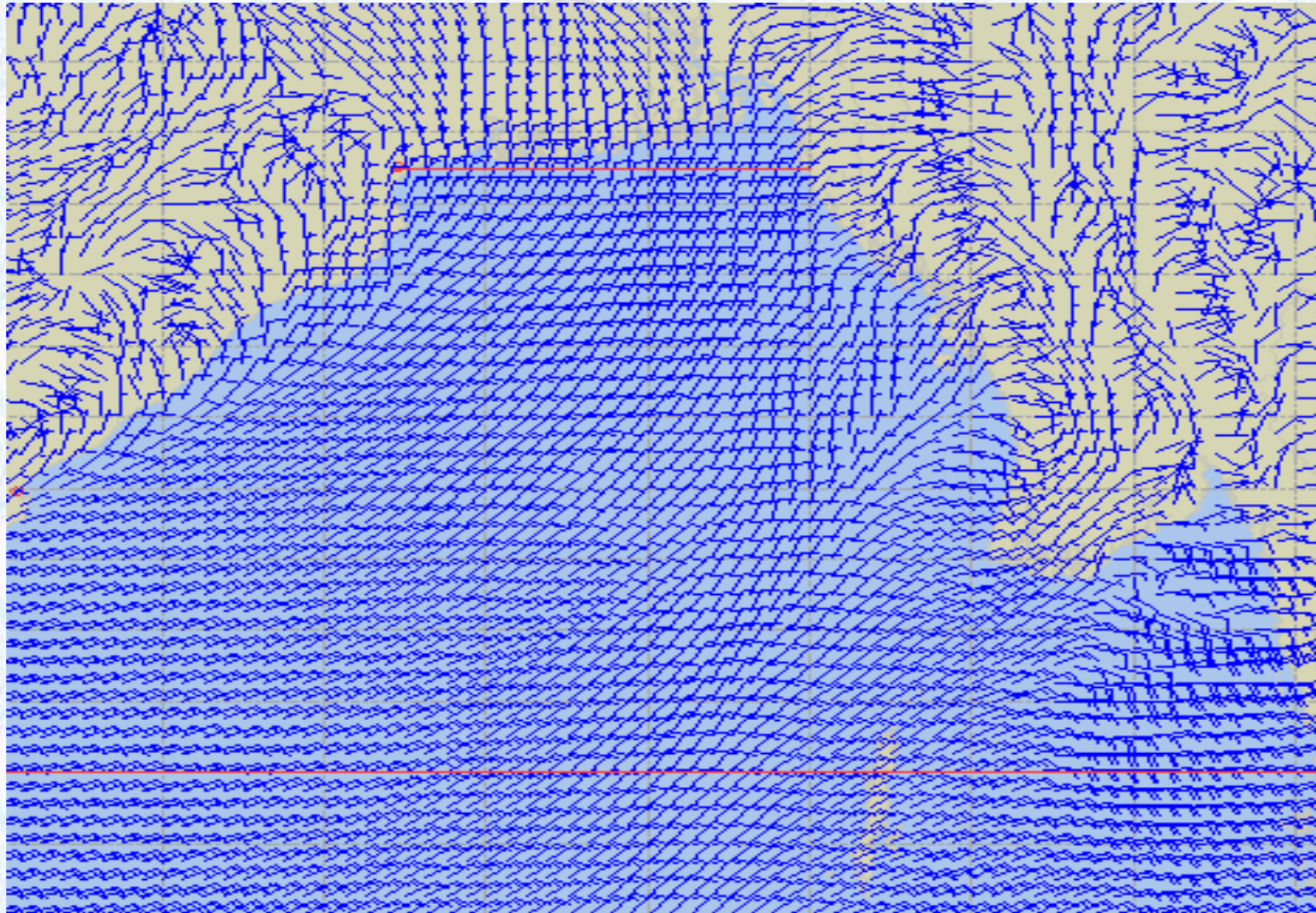
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 31 Dec - 2020



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

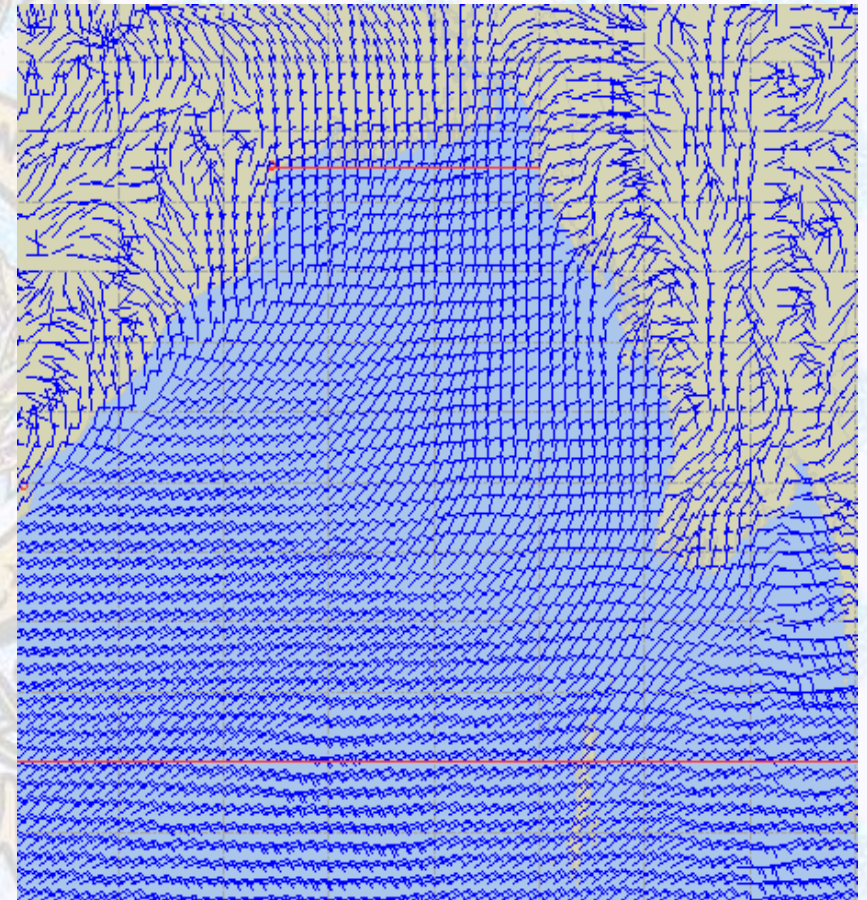
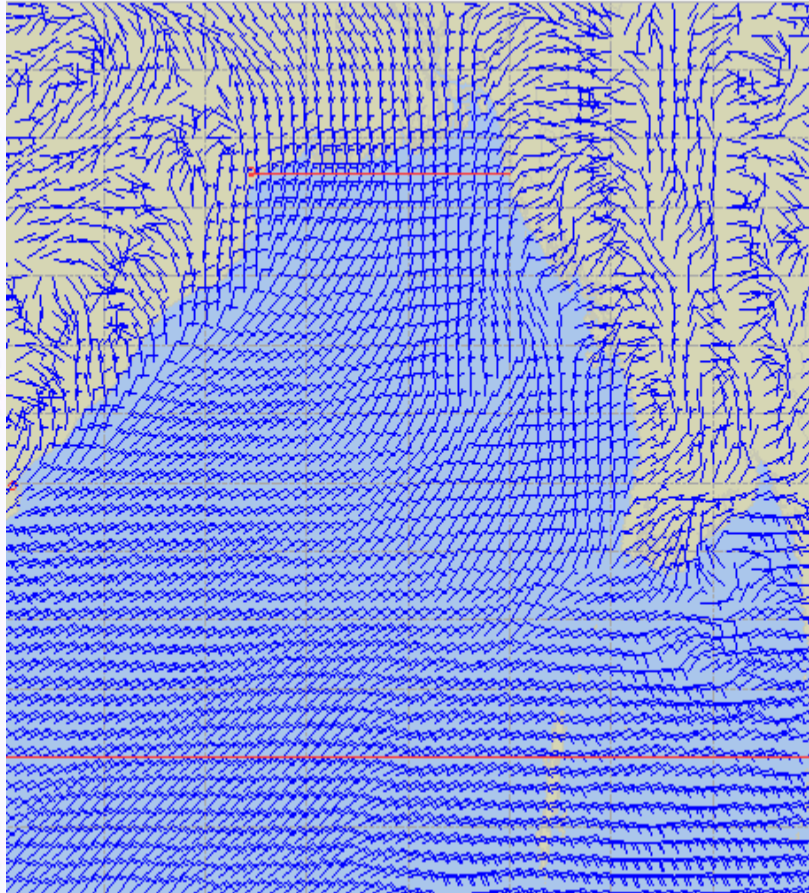




# Surface Wind Forecast – 01 & 02 Jan - 2021

01 Jan 21 Friday

02 Jan 21 Saturday



**Legend:**



Calm  
Winds



5 Knots



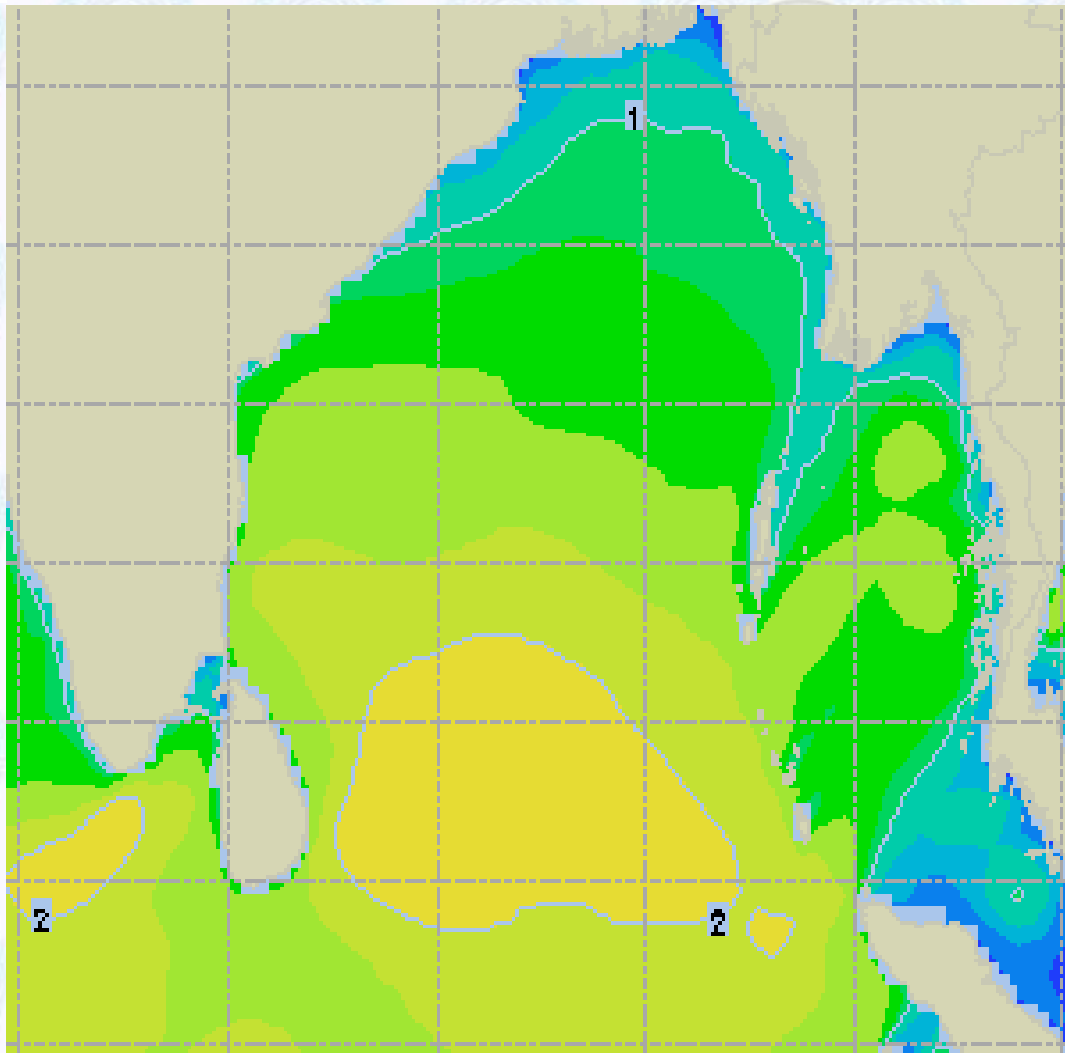
10 Knots



60 Knots



# Sea State Forecast – 31 Dec - 2020



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



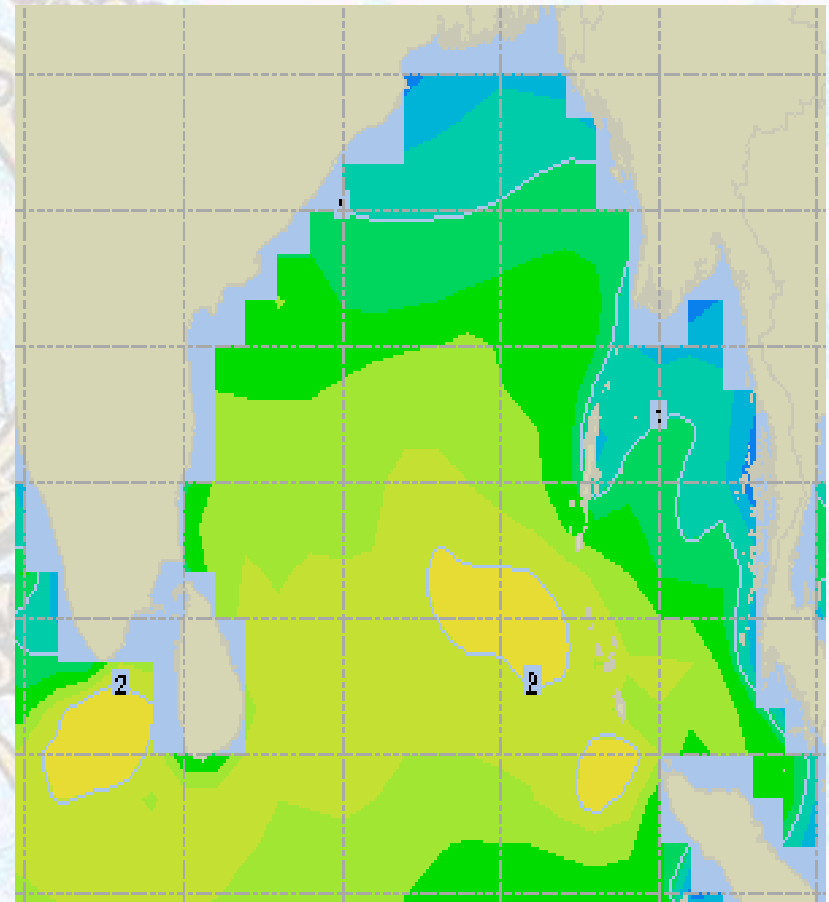
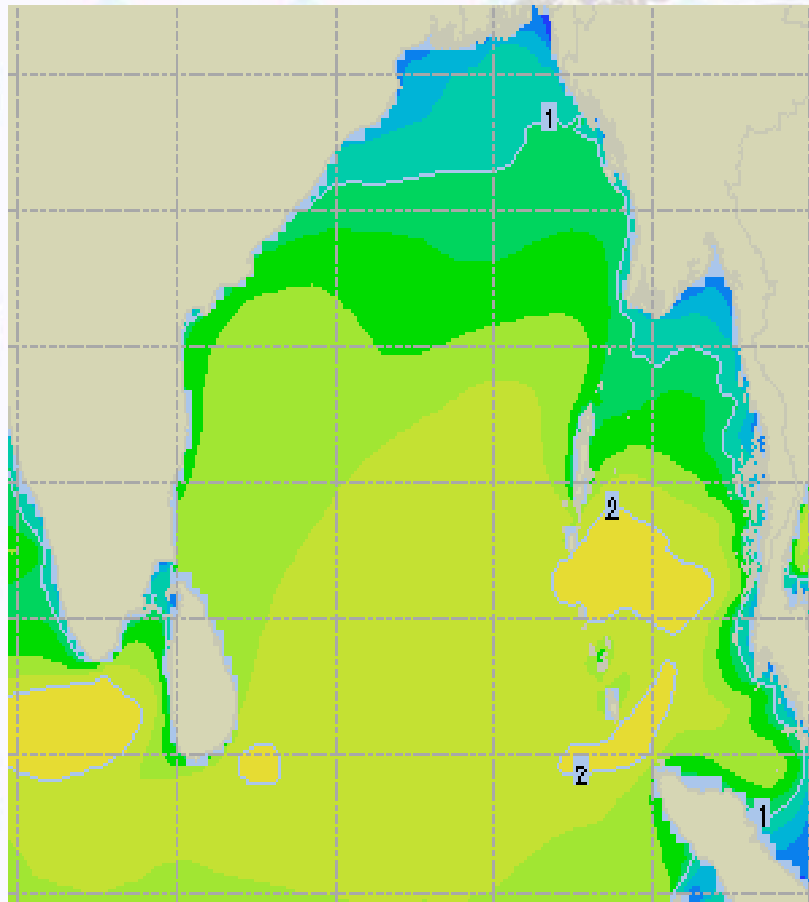




# Sea State Forecast – 01 & 02 Jan - 2021

01 Jan 21 Friday

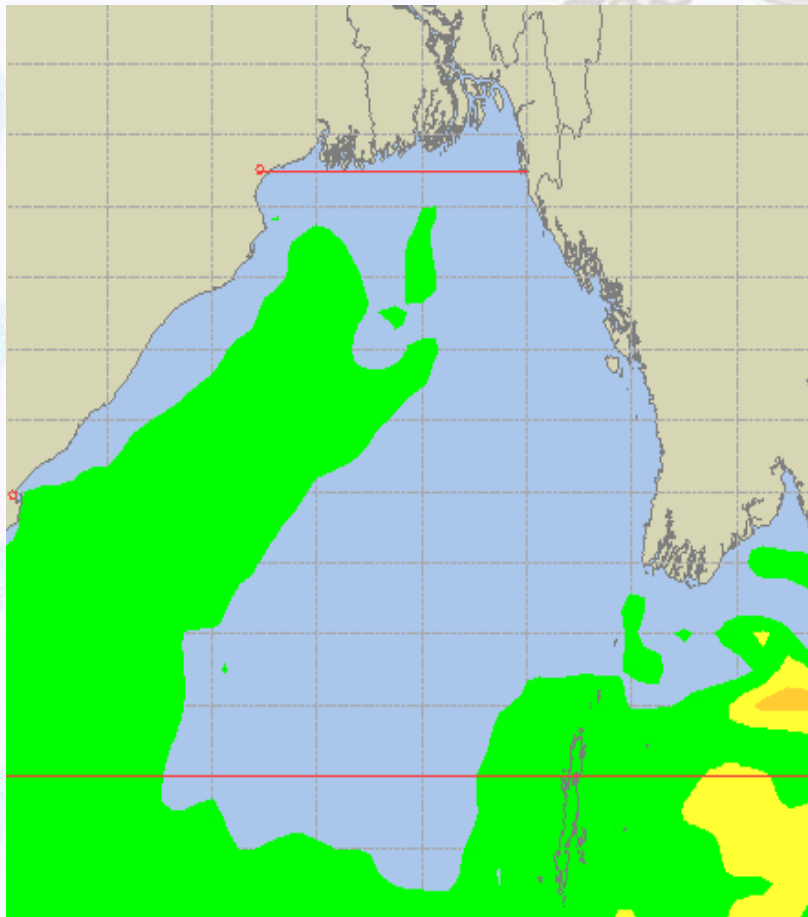
02 Jan 21 Saturday



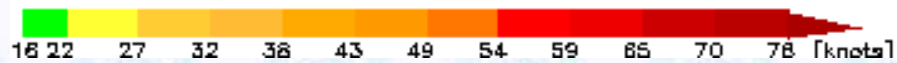
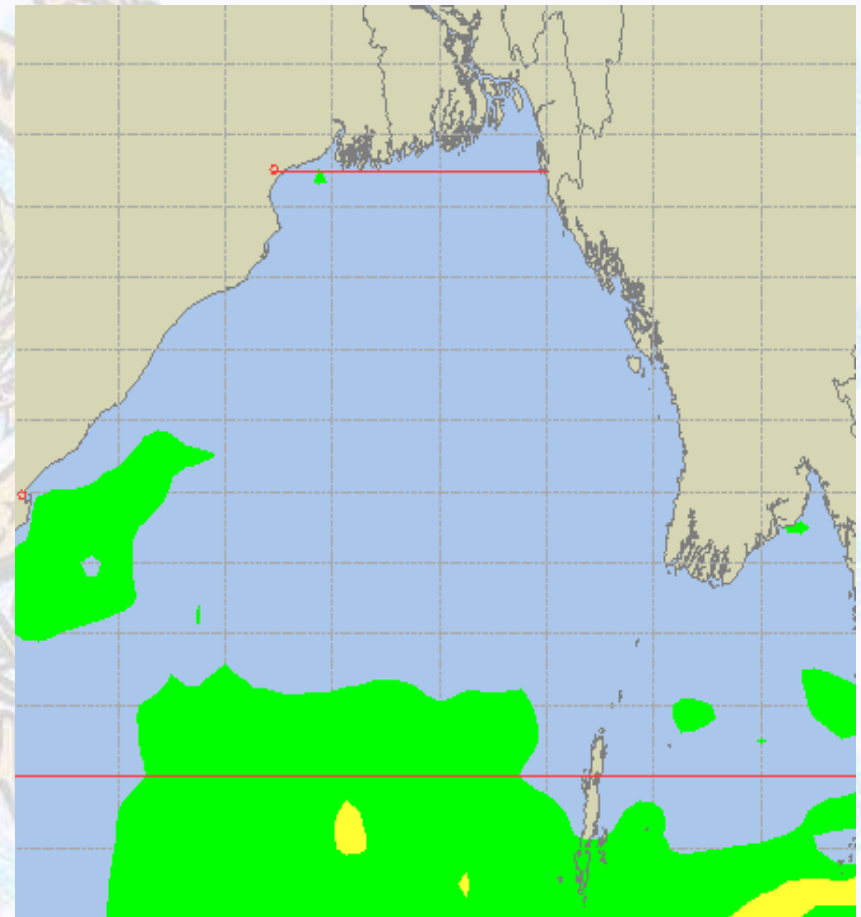


# Peak Gusting Possibilities— 31 Dec 2020 & 01 Jan 2021

31 Dec 20 Thursday



01 Jan 21 Friday

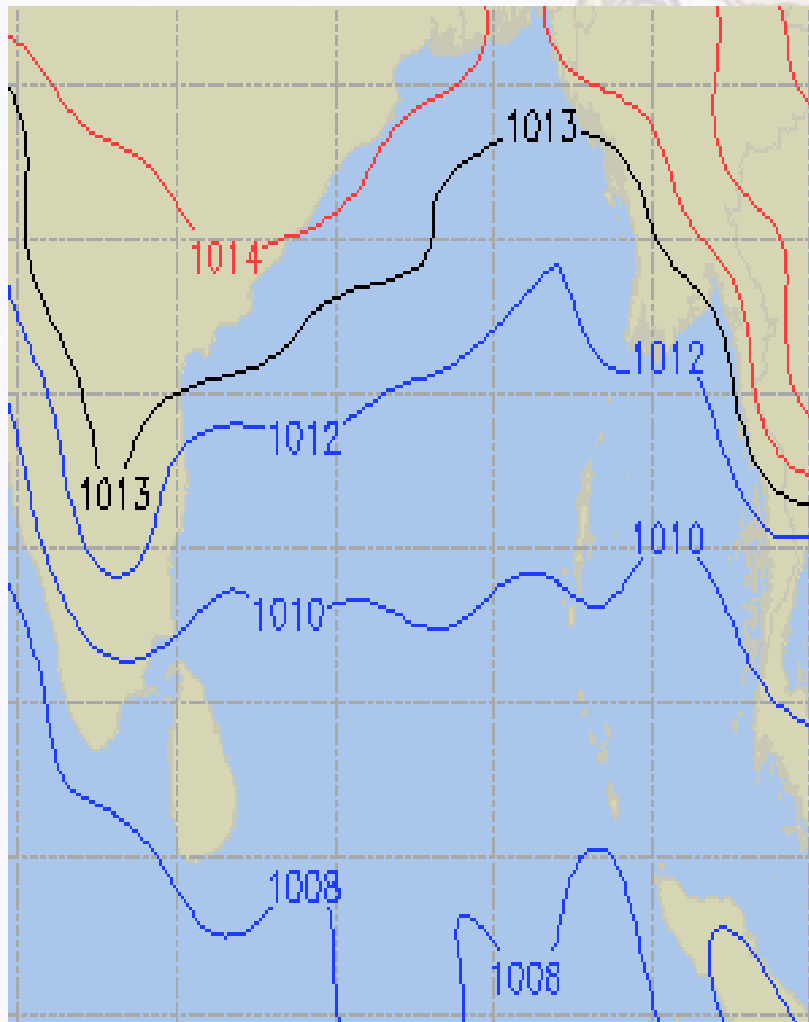




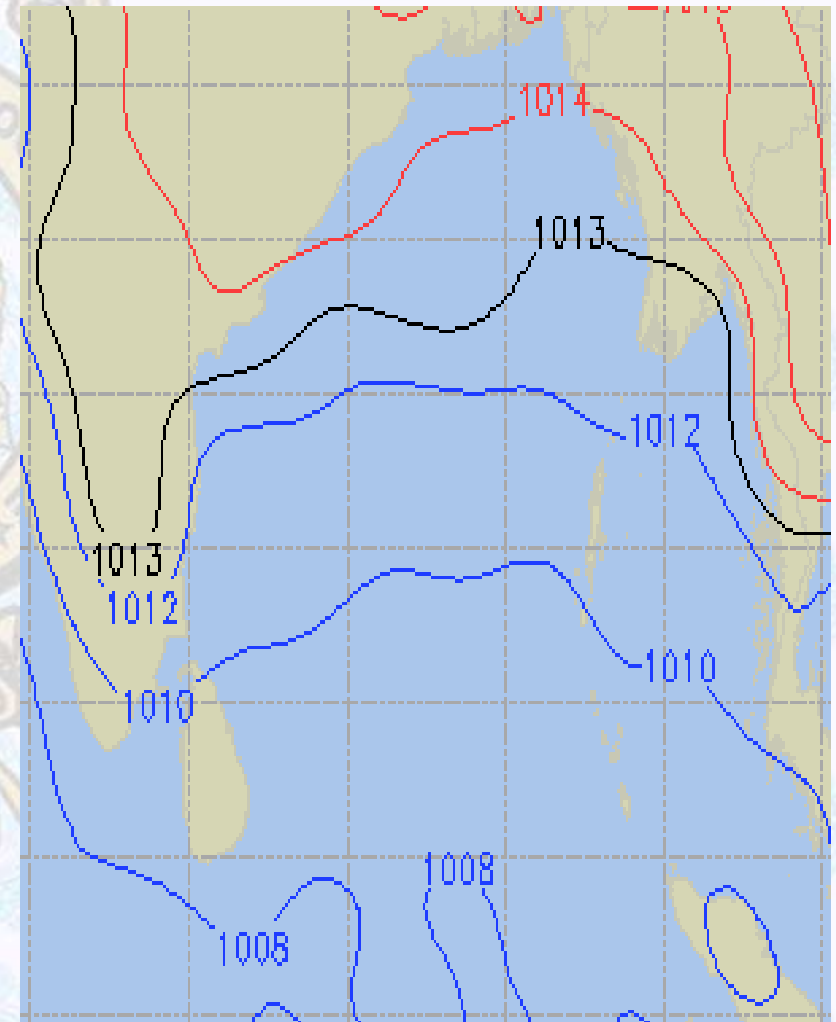


# Surface Pressure forecast– 31 Dec 2020 & 01 Jan 2021

31 Dec 20 Thursday



01 Dec 20 Friday

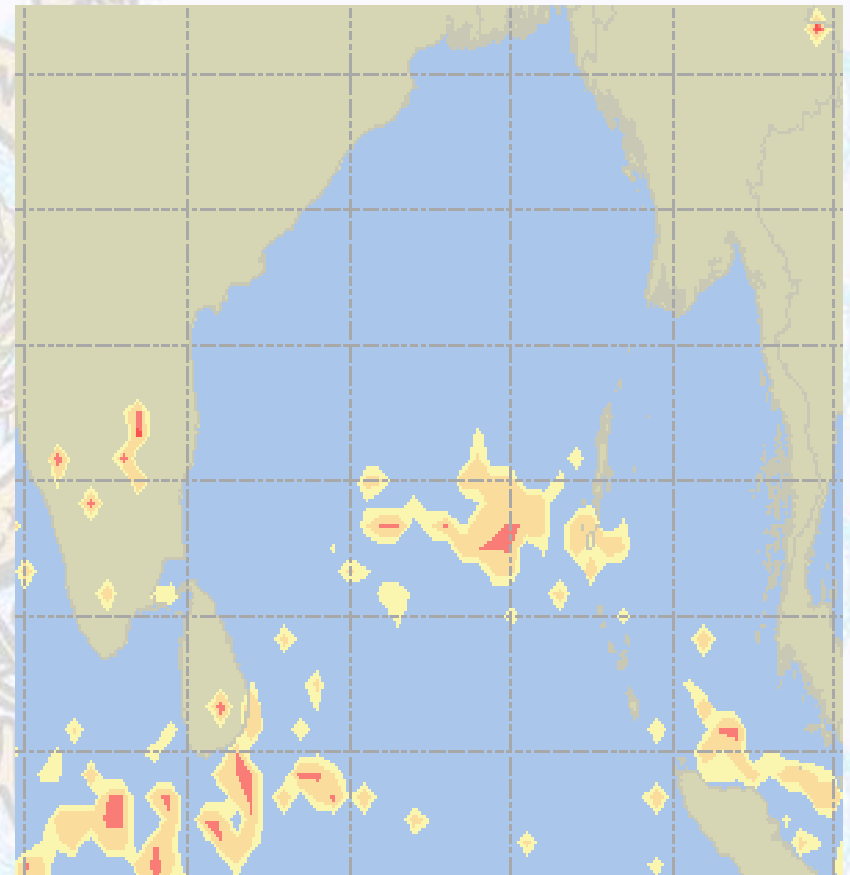
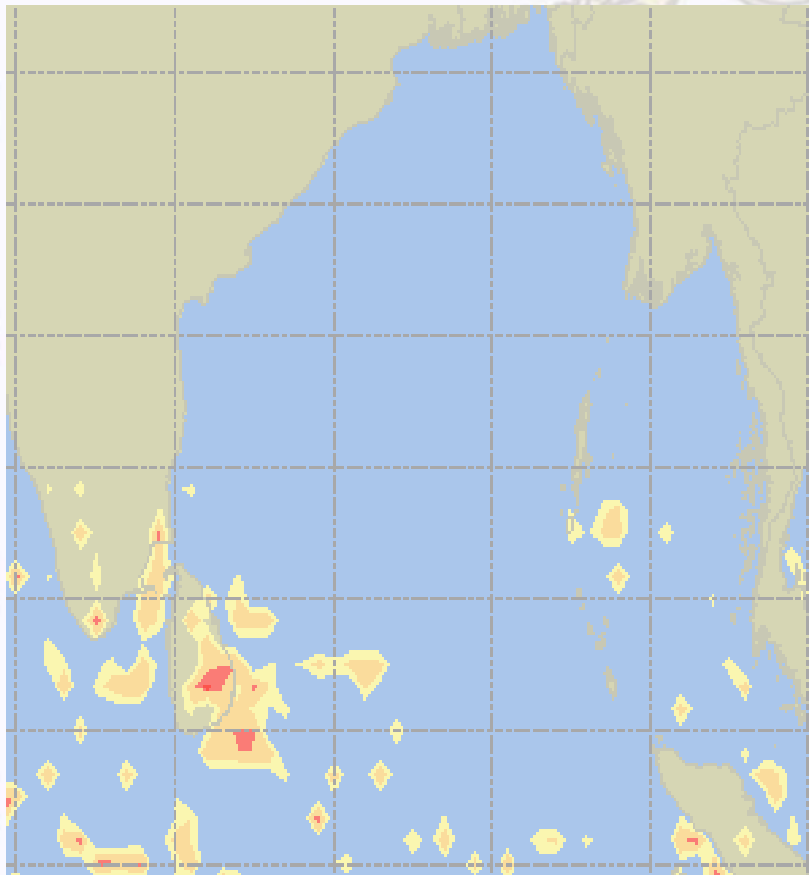




# Visibility at Sea Forecast – 31 Dec 2020 & 01 Jan 2021

31 Dec 20 Thursday

01 Jan 20 Friday



**Visibility Scale:**



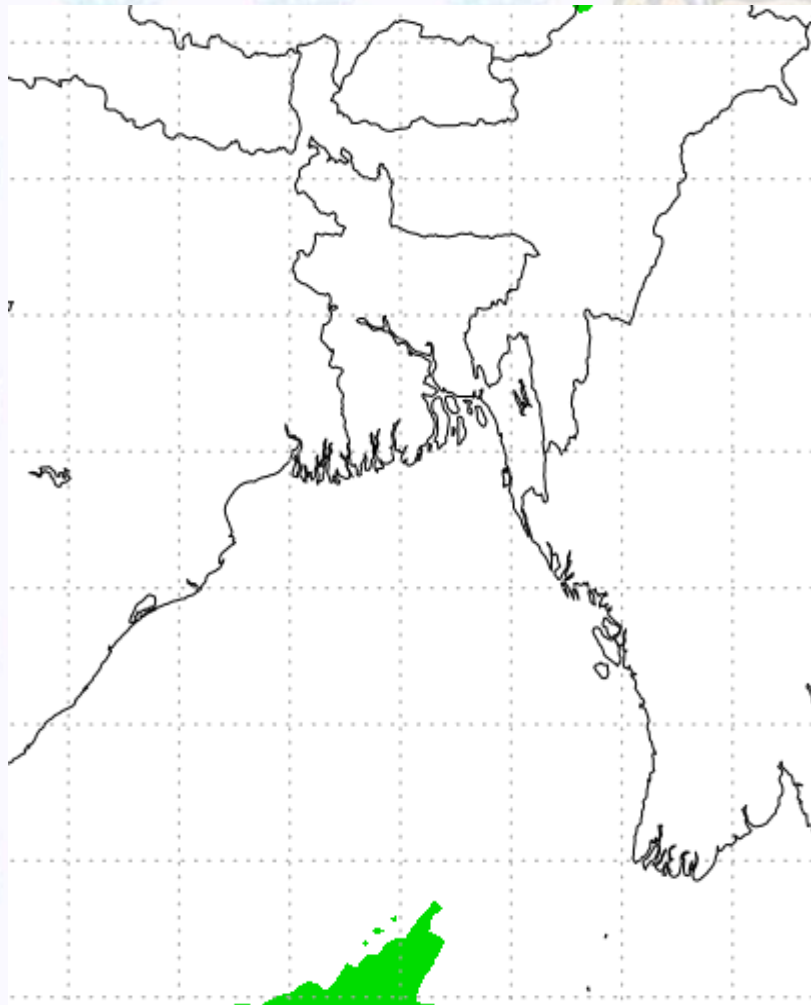
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



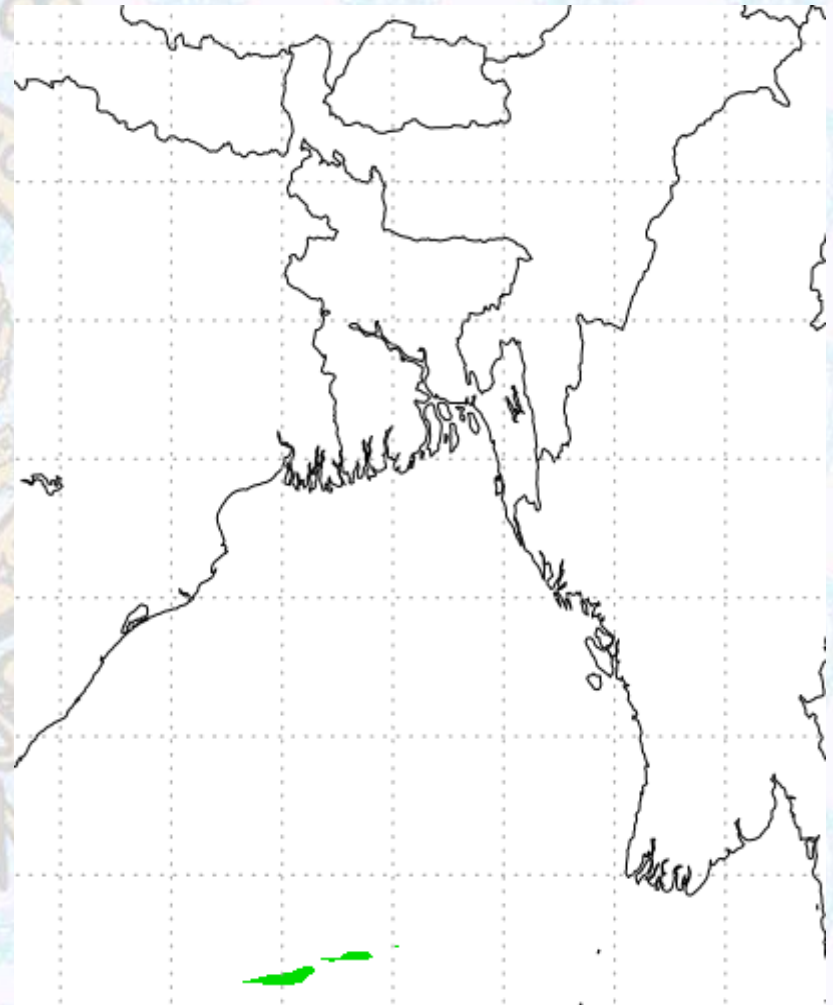


# Precipitation

Rain(mm) 31 Dec 2020 & 01 Jan 2021



Rain(mm) 01 & 02 Jan 2021



**Precipitation Scale (mm):**





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>31 Dec 2020</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0116	4.32		0550	0.52		0543	0.71
	0806	0.66		1122	2.91		1131	2.51
	1341	3.81		1756	0.46		1734	0.57
	2000	0.59		2347	3.39		2346	2.88
<b>01 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0148	4.32		0622	0.51		0618	0.66
	0842	0.67		1159	2.82		1206	2.51
	1415	3.80		1824	0.49		1810	0.57
	2036	0.63		-	-		-	-
<b>02 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0220	4.33		0025	3.30		0020	2.86
	0918	0.63		0658	0.50		0655	0.63
	1450	3.83		1237	2.79		1243	2.51
	2115	0.66		1900	0.52		1849	0.61