



# WEATHER FORECAST FOR BN

**13 JAN - 16 JAN 2021**



# WEATHER FORECAST – DHAKA

## 13.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 13	23 / 12	20 / 13	19 / 13
Wind	7 km/h W	5 km/h W	5 km/h WSW	3 km/h W
Humidity	55%	51%	61%	74%
Chance of Precip	1%	1%	2%	1%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 31 PM			

### Conditions

Pressure : 1012 hpa

Visibility : 1.21 km

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





# WEATHER FORECAST – CHATTOGRAM

## 13.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	24 / 14	23 / 15	20 / 16	19 / 16
Wind	7 km/h WNW	7 km/h WNW	6 km/h NW	4 km/h N
Humidity	50%	60%	68%	74%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	7%	5%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 35 AM			
Sunset	17: 28 PM			

### Conditions

Pressure : 1013 hpa

Visibility : 5:40 Km

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



# WEATHER FORECAST – KHULNA

## 13.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	25 / 13	25 / 13	20 / 14	18 / 13
Wind	8 km/h WNW	8 km/h WNW	3 km/h SW	5 km/h S
Humidity	50%	45%	62%	73%
Chance of Precip.	1%	2%	2%	3%
Cloud Cover	4%	3%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 45 AM 17: 36 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 9.05 Km

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





# GENERAL WEATHER FORECAST – DHAKA

Description	14 Jan 2021	15 Jan 2021	16 Jan 2021
<b>Temperature (C)</b>	26 °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>	6h43m36s/17h32m06s	6h43m24s/17h32m48s	6h43m24s/17h33m36s
<b>Day Length</b>	10h48m30s	10h49m24s	10h50m12s
<b>Moon Rise/ Set</b>	7:40AM 6:41PM	8:24AM 7:42PM	9:09AM 8:39PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 3%	Waxing Crescent, 8%	Waxing Crescent, 14%
<b>Nautical Twilight</b>	05:53, 18:10	05:53, 18:09	05:52, 18:09
<b>Civil Twilight</b>	06:22, 17:43	06:21, 17:43	06:21, 17:44
<b>Humidity</b>	D : 63%    N : 78%	D : 60%    N : 75%	D : 66%    N : 71%
<b>Barometer (mb)</b>	1010	1011	1011
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	7%	6%	6%
<b>Wind (mph)</b>	8 Km/h WSW	9 Km/h WSW	9 Km/h WSW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	14 Jan 2021	15 Jan 2021	16 Jan 2021
<b>Temperature (C)</b>	26 °C/ 18 °C	25 °C/ 17 °C	25 °C/ 17 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h35m00s/17h29m12s	6h34m54s/17h29m54s	6h34m54s/17h30m42s
<b>Day Length</b>	10h54m12s	10h55m00s	10h55m48s
<b>Moon Rise/ Set</b>	7:31AM 6:38PM	8:19AM 7:38PM	9:01AM 8:35PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 3%	Waxing Crescent, 7%	Waxing Crescent, 14%
<b>Nautical Twilight</b>	05:42 18:08	05:41 18:07	05:41 18:07
<b>Civil Twilight</b>	06:12, 17:41	06:11, 17:40	06:11, 17:40
<b>Humidity</b>	D : 65% N : 85%	D : 65% N : 80%	D : 60% N : 75%
<b>Barometer (mb)</b>	1011	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	7%	5%	7%
<b>Wind (mph)</b>	8 Km/h WNW	7 Km/h WNW	8 Km/h WNW

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





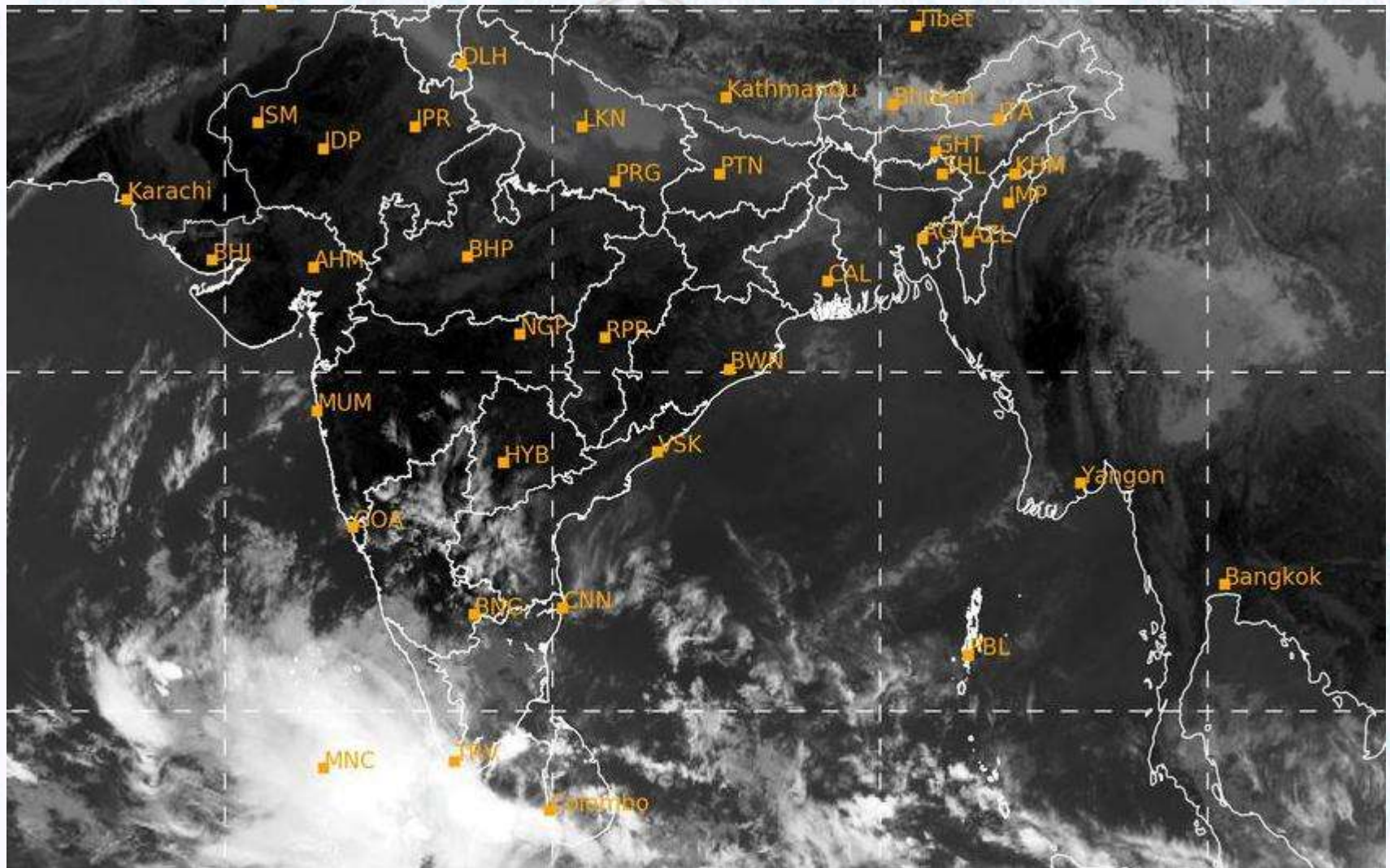
# GENERAL WEATHER FORECAST – KHULNA

Description	14 Jan 2021	15 Jan 2021	16 Jan 2021
<b>Temperature(C)</b>	25°C/ 13°C	25°C/ 13°C	24°C/ 13°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h45m06s/17h37m24s	6h45m00s/17h38m06s	6h45m00s/17h38m54s
<b>Day Length</b>	10h52m18s	10h53m06s	10h53m54s
<b>Moon Rise/Set</b>	7:42AM 6:47PM	8:29AM 7:47PM	9:11AM 8:34PM
<b>Moon Phase/illu</b>	Waxing Crescent, 3%	Waxing Crescent, 8%	Waxing Crescent, 14%
<b>Nautical Twilight</b>	05:52, 18:15	05:51, 18:14	05:51, 18:14
<b>Civil Twilight</b>	06:20, 17:46	06:20, 17:47	06:19, 17:47
<b>Humidity</b>	D : 60% N : 82%	D : 65% N : 81%	D : 62% N : 76%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	7%	7%
<b>Wind (mph)</b>	7 km/h W	8 km/h W	8 km/h W

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



# SATELLITE VIEW OF BAY OF BENGAL



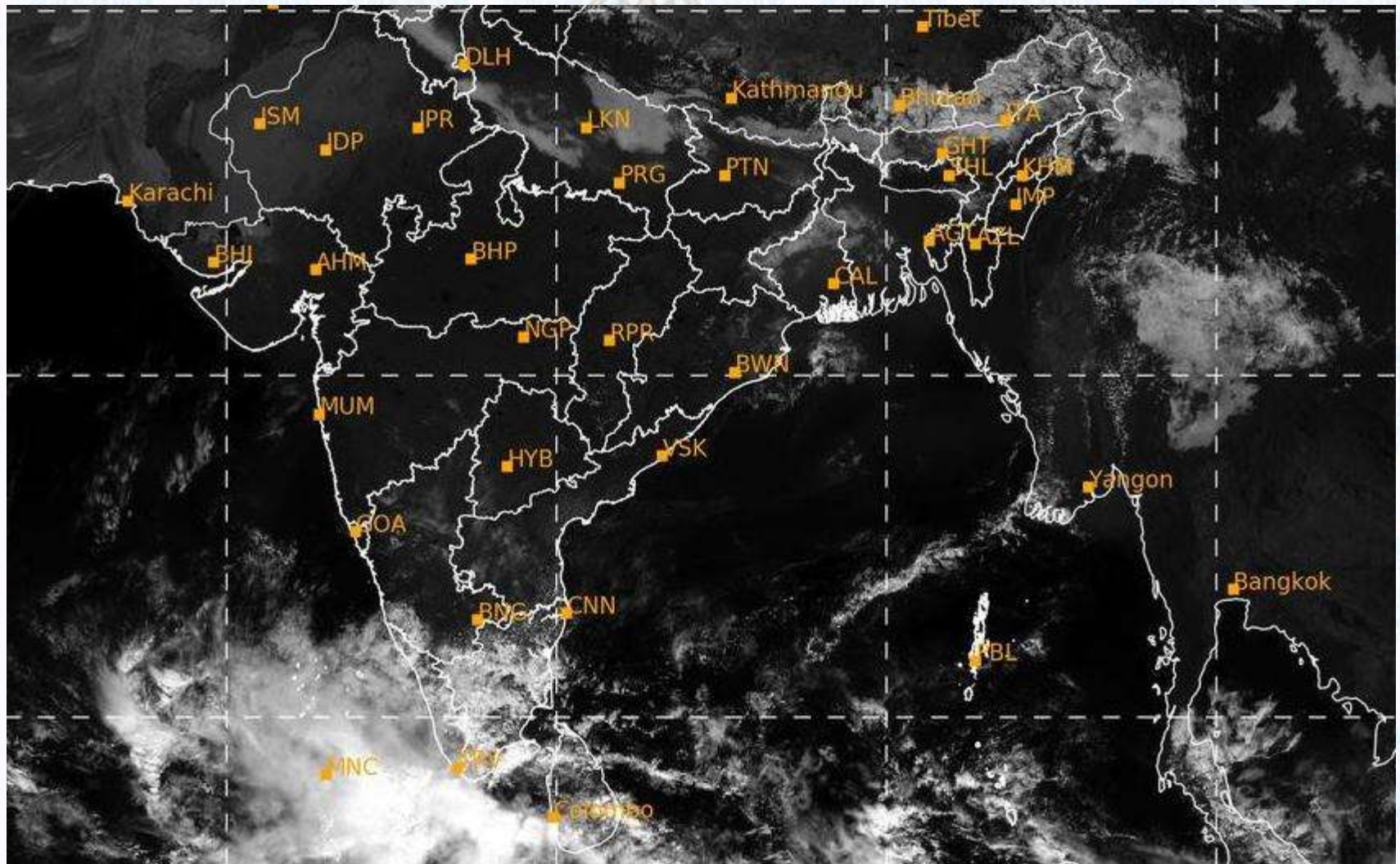
13/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



13/01/2021, 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 13.01.2021)

<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 = 13,0000 UTC. CHATTOGRAM =1012 HPA





# Inland River Port Warning (VALID TILL 06 PM OF 13.01.2020)

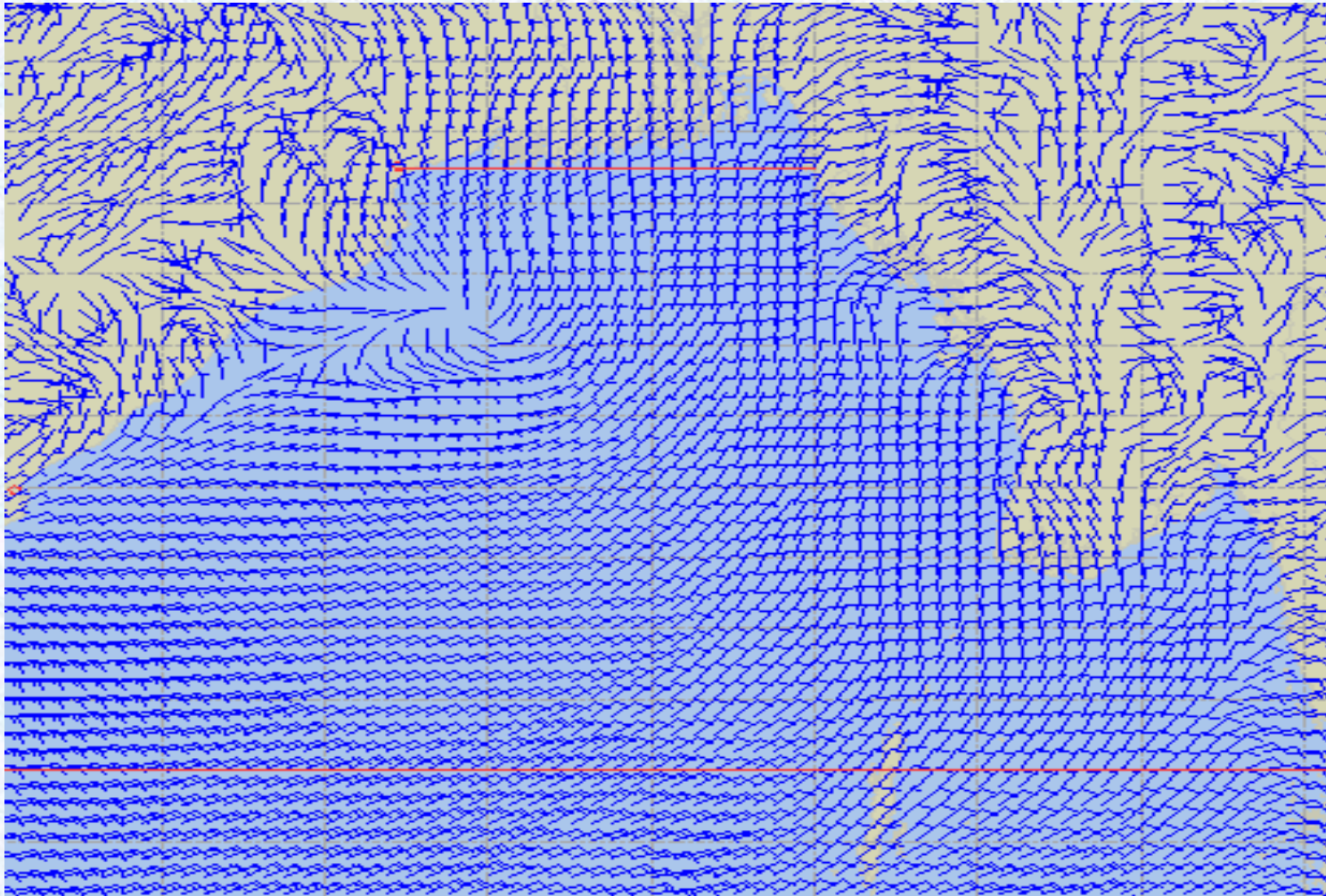
THERE IS NO INLAND RIVERPORTS WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 14 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



**60 Knots**

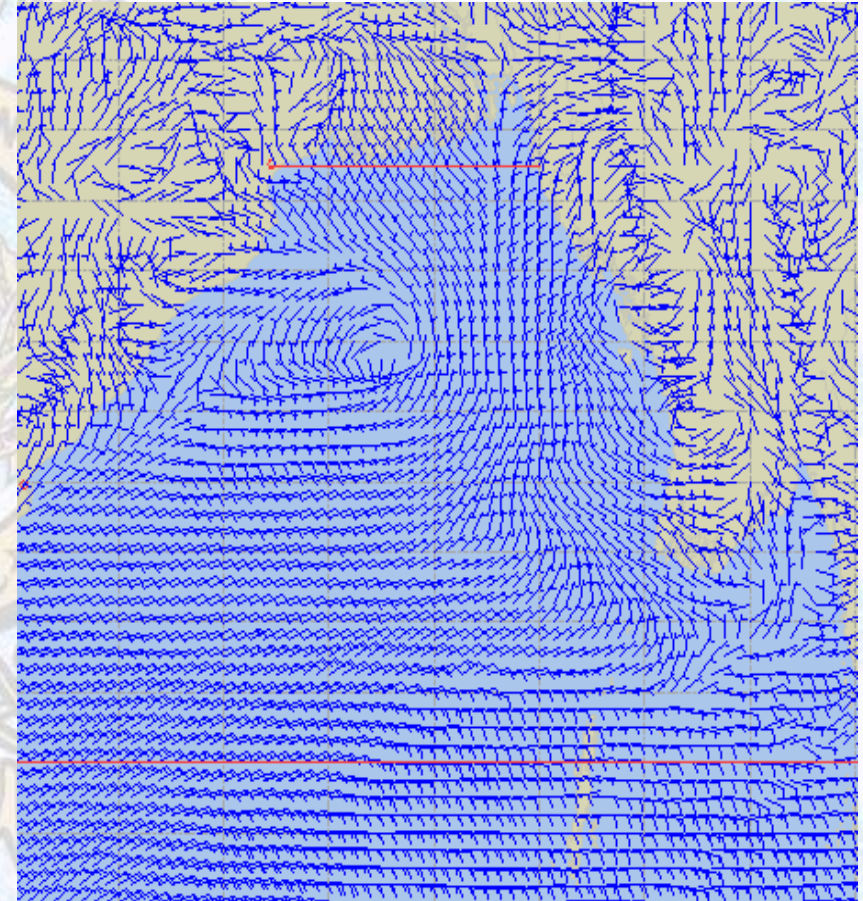
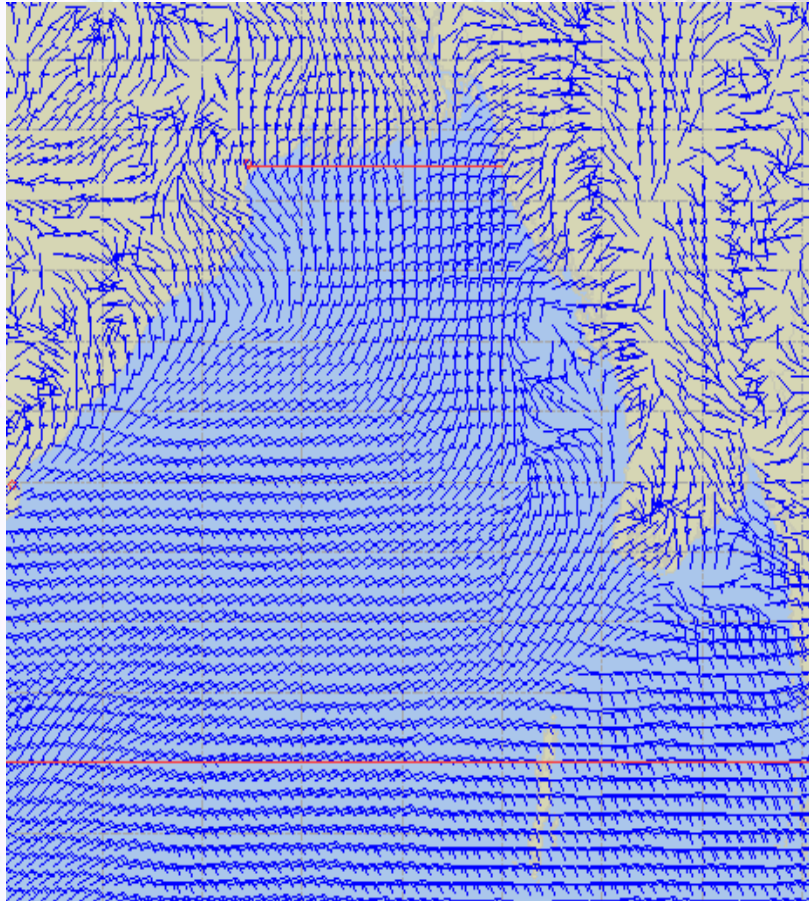




# Surface Wind Forecast – 15 & 16 Jan - 2021

15 Jan 21 Friday

16 Jan 21 Saturday



**Legend:**



Calm  
Winds



5 Knots



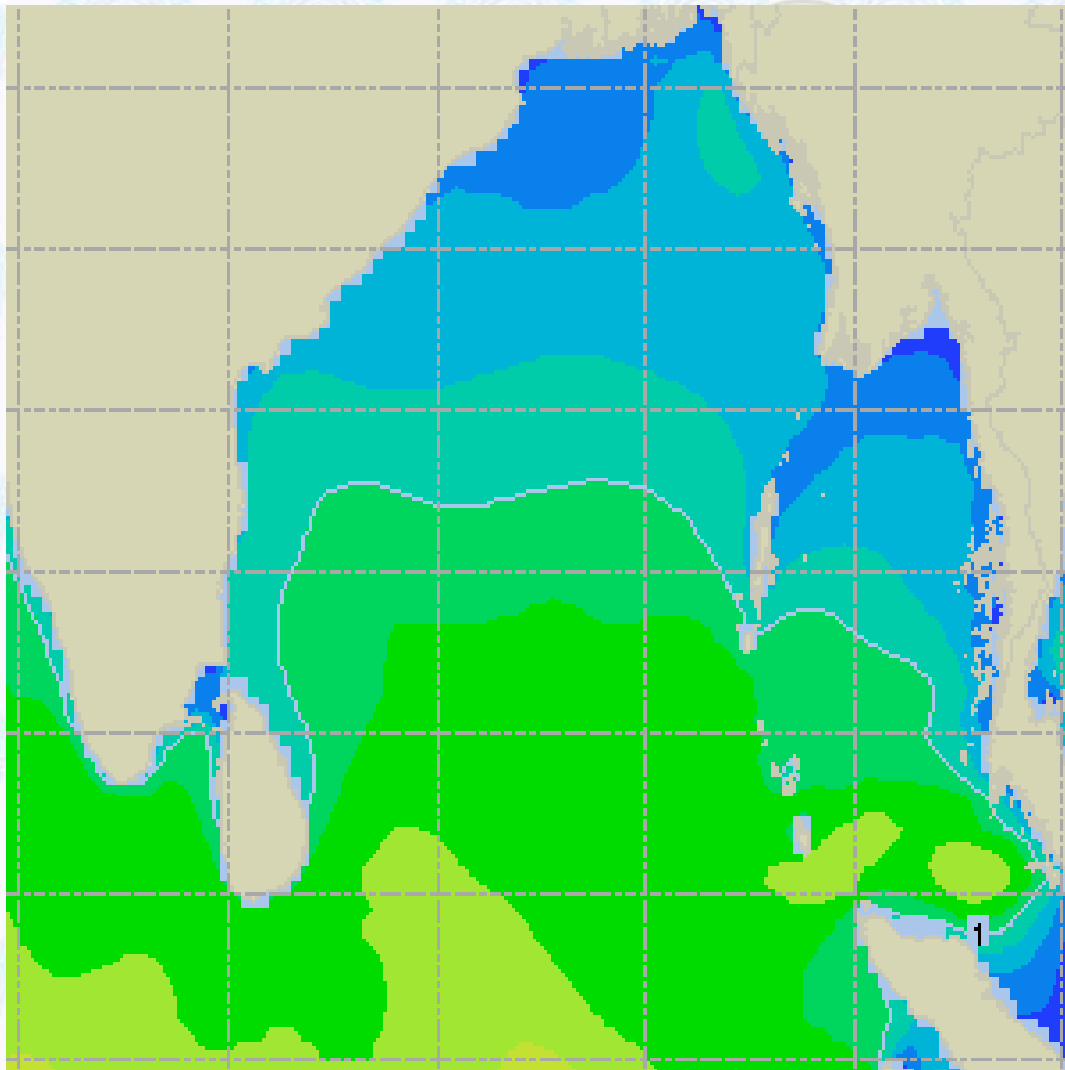
10 Knots



60 Knots



# Sea State Forecast – 14 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



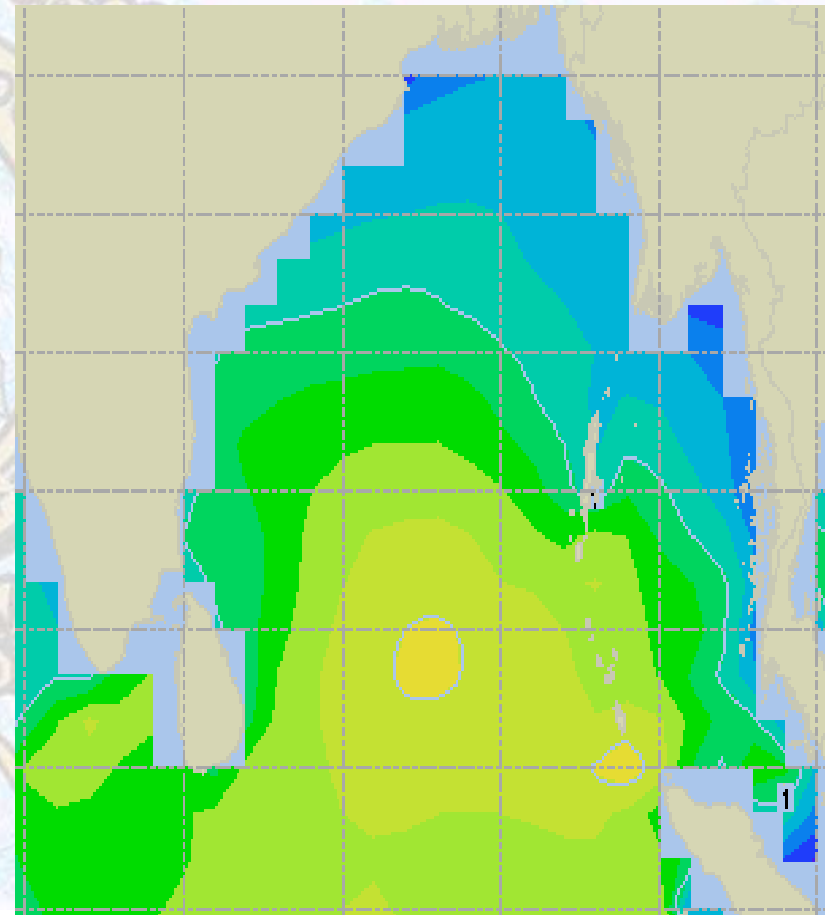
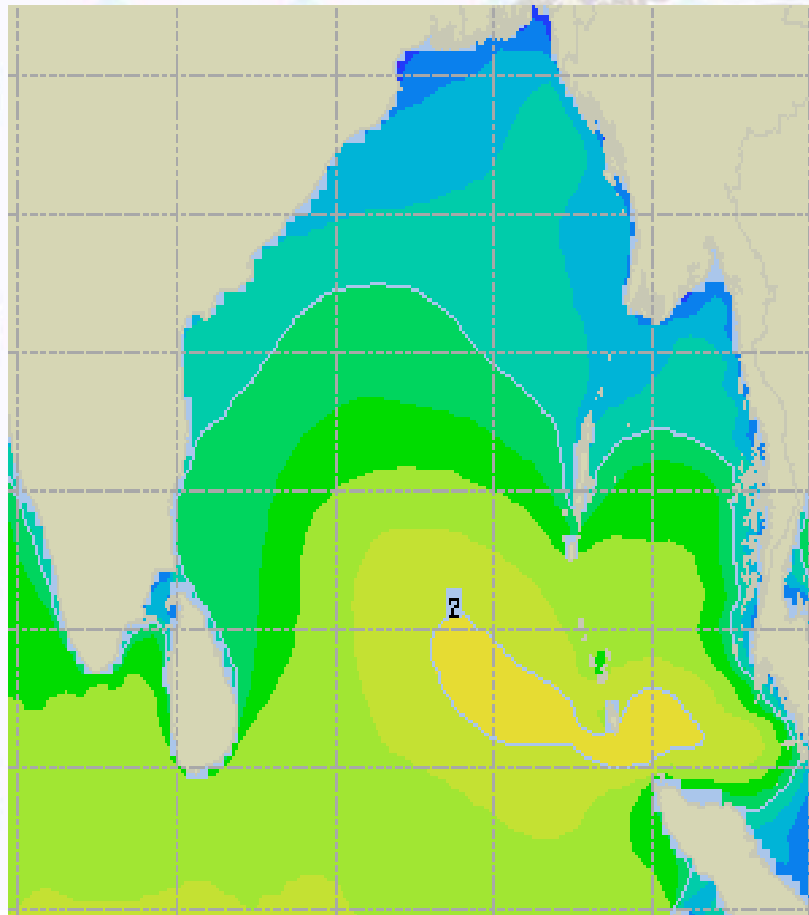




# Sea State Forecast – 15 & 16 Jan - 2021

15 Jan 21 Friday

16 Jan 21 Saturday

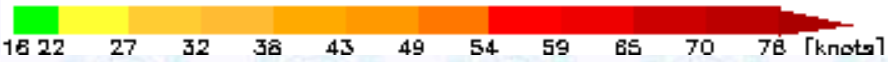
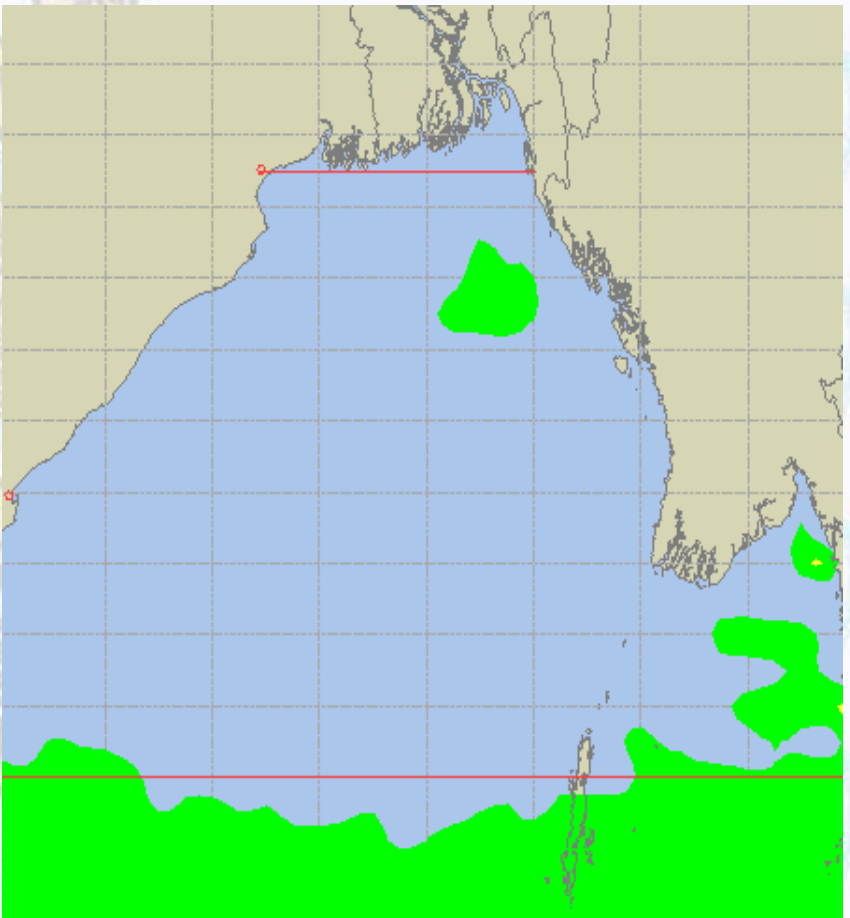
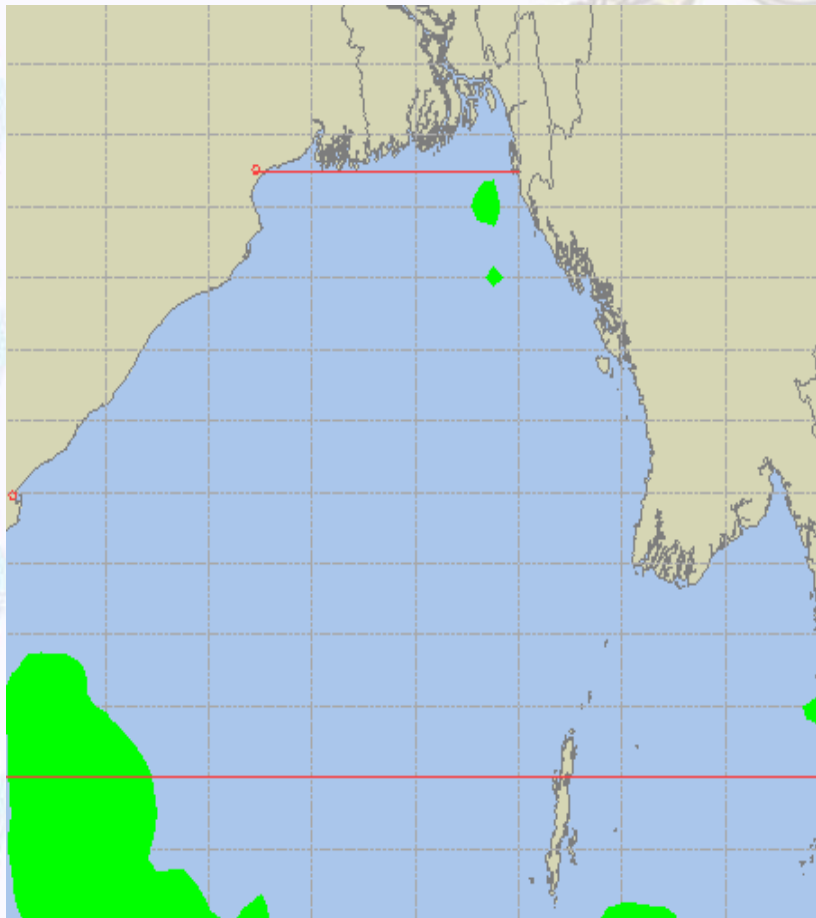




# Peak Gusting Possibilities– 14 & 15 Jan 2021

## 14 Jan 21 Thursday

## 15 Jan 21 Friday

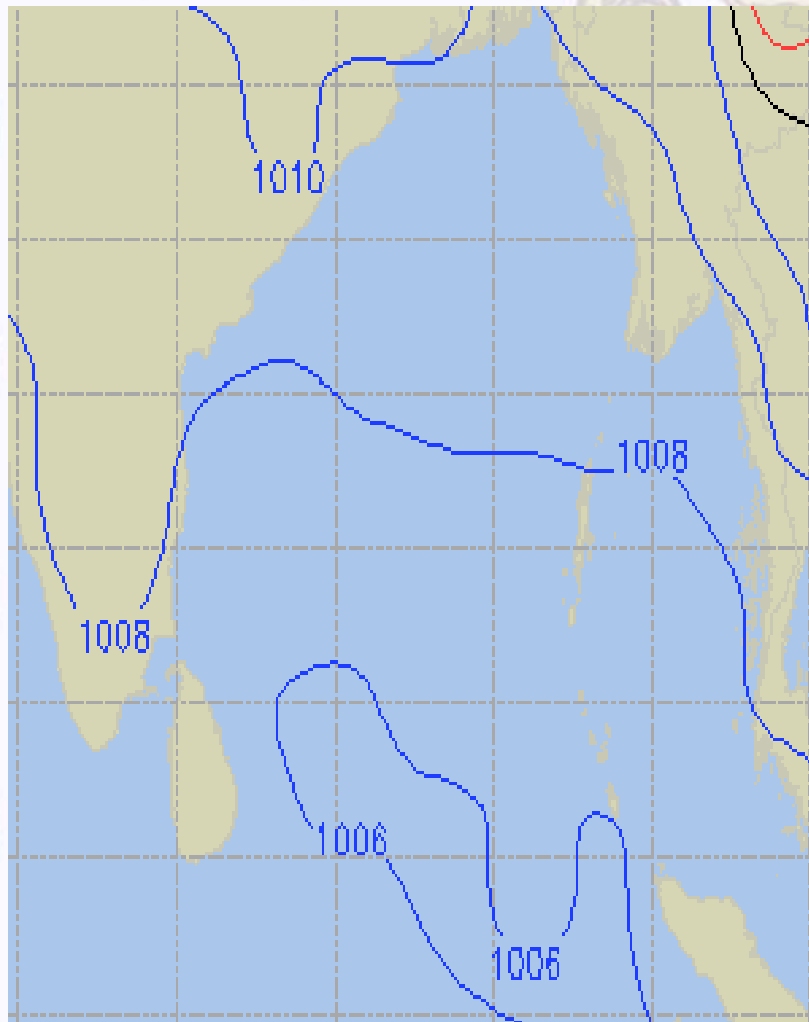




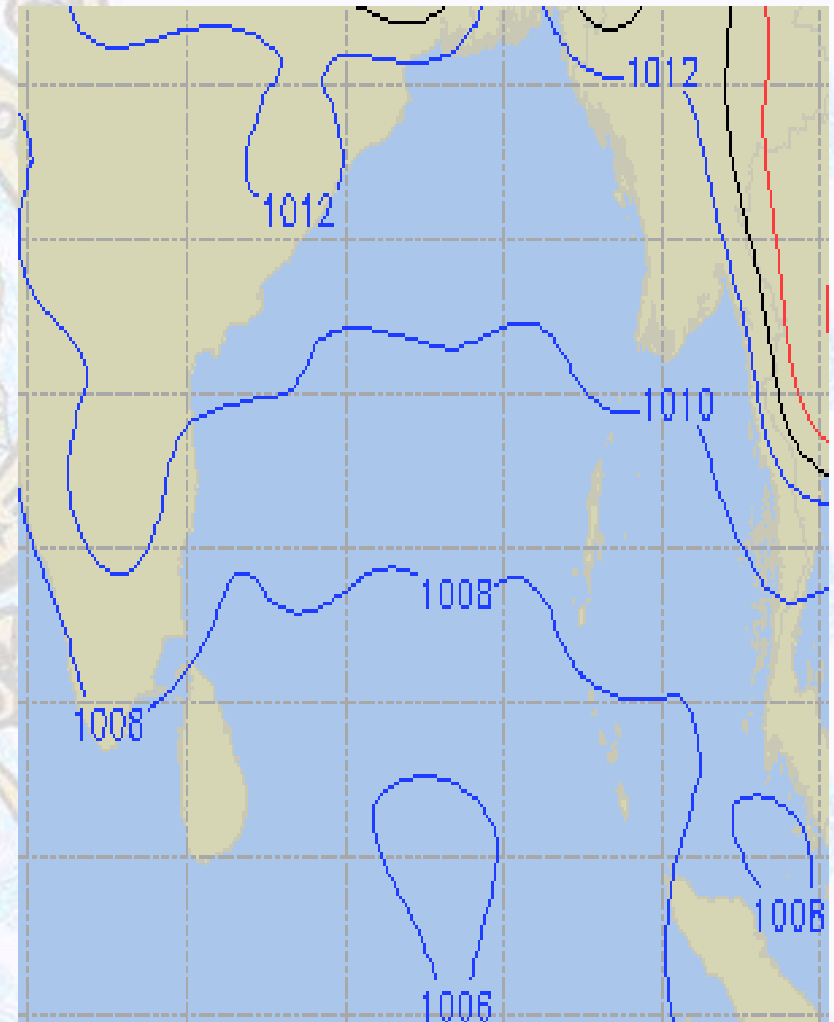


# Surface Pressure forecast – 14 & 15 Jan 2021

14 Jan 21 Thursday



15 Jan 21 Friday

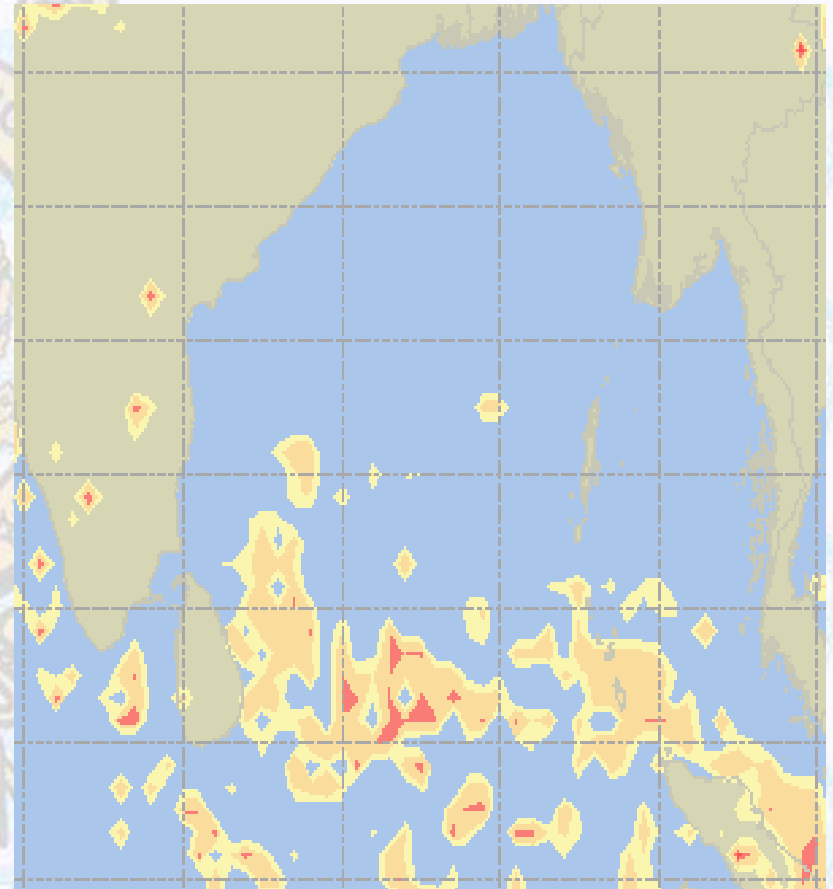
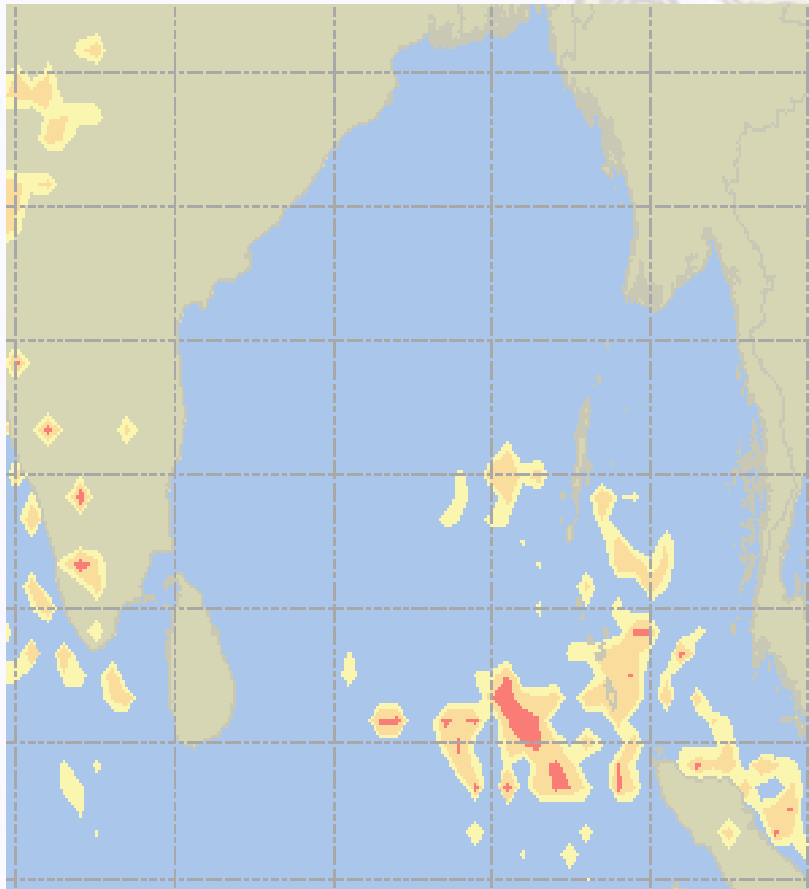




# Visibility at Sea Forecast – 14 & 15 Jan 2021

14 Jan 21 Thursday

15 Jan 21 Friday



**Visibility Scale:**



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

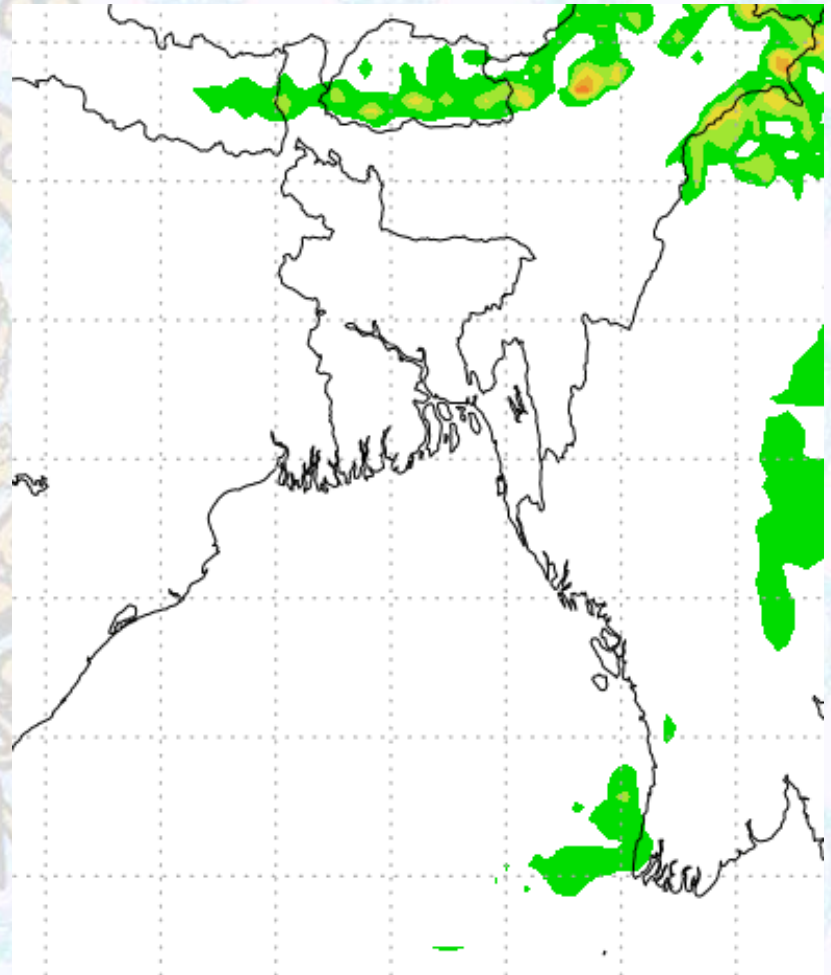
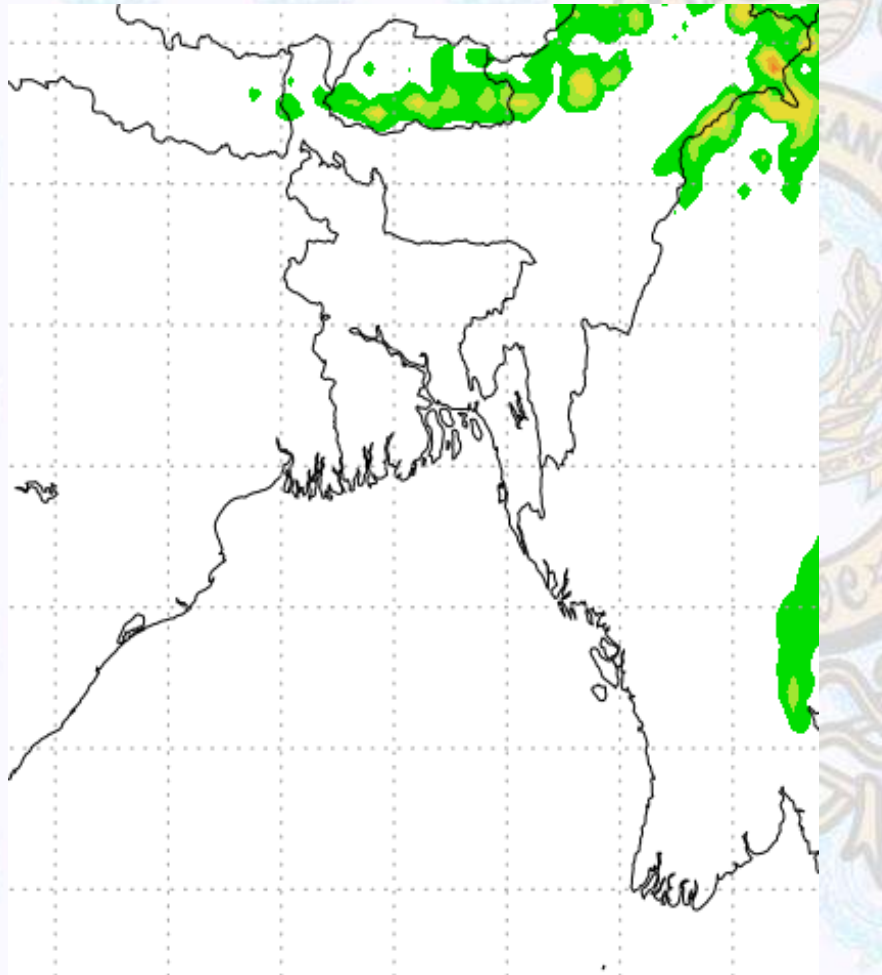




# Precipitation

Rain(mm) 14 & 15 Jan 2021

Rain(mm) 15 & 16 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

	Time	Height		Time	Height		Time	Height
		0123		4.41			0547	0.38
14 Jan 2021	0813	0.41		1123	2.94		1138	2.59
	1352	3.47		1755	0.31		1744	0.48
	2011	0.47		2346	3.45		2354	2.97
	Time	Height		Time	Height		Time	Height
		0200		4.45			0628	0.36
15 Jan 2021	0851	0.38		1204	2.94		1216	2.60
	1429	3.99		1834	0.34		1822	0.52
	2049	0.49		-	-		-	-
	Time	Height		Time	Height		Time	Height
		0235		4.45			0025	3.41
16 Jan 2021	0927	0.37		0705	0.39		0700	0.50
	1506	4.00		1244	2.89		1252	2.57
	2125	0.55		1911	0.42		1857	0.60