



# **WEATHER FORECAST FOR BN**

**06 JAN - 09 JAN 2021**





# WEATHER FORECAST – DHAKA

## 06.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	27 / 16	24 / 17	22 / 17
Wind	7 km/h WNW	7 km/h W	2 km/h WSW	1 km/h W
Humidity	50%	50%	66%	73%
Chance of Precip	1%	1%	3%	4%
Cloud Cover	23%	28%	17%	18%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 42 AM 17: 26 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 1.93 km

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



# WEATHER FORECAST – CHATTOGRAM

## 06.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 18	26 / 18	23 / 19	21 / 18
Wind	8 km/h WNW	8 km/h WNW	6 km/h NW	5 km/h NNW
Humidity	57%	60%	79%	84%
Chance of Precip.	1%	1%	3%	5%
Cloud Cover	9%	15%	16%	34%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 33 AM			
Sunset	17: 23 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 3:22 Km

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



# WEATHER FORECAST – KHULNA

## 06.01.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	29 / 15	29 / 15	22 / 16	20 / 16
Wind	5 km/h NW	5 km/h NW	1 km/h W	1 km/h SW
Humidity	42%	43%	69%	79%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	21%	23%	7%	19%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 43 AM 17: 31 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 8.05 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	07 Jan 2021	08 Jan 2021	09 Jan 2021
<b>Temperature (C)</b>	29 °C / 18 °C	30 °C / 17 °C	28 °C / 18 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h42m42s/17h26m54s	6h42m54s/17h27m36s	6h43m00s/17h28m18s
<b>Day Length</b>	10h44m12s	10h44m42s	10h45m18s
<b>Moon Rise/ Set</b>	12:26AM 12:29PM	1:27AM 1:09PM	2:30AM 1:54PM
<b>Moon Phase/ illu</b>	Waning Crescent, 37%	Waning Crescent, 26%	Waning Crescent, 16%
<b>NauticalTwilight</b>	05:50,18:14	05:51,18:13	05:52,18:12
<b>Civil Twilight</b>	06:18,17:44	06:19,17:43	06:20,17:43
<b>Humidity</b>	D : 65% N : 80%	D : 59% N : 76%	D : 61% N : 80%
<b>Barometer (mb)</b>	1011	1011	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NW	9 Km/h NNW	8 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	07 Jan 2021	08 Jan 2021	09 Jan 2021
<b>Temperature (C)</b>	29 °C/ 118 °C	30 °C/ 17 °C	28 °C/ 18 °C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h33m54s/17h24m12s	6h34m06s/17h24m48s	6h34m18s/17h25m24s
<b>Day Length</b>	10h50m18s	10h50m42s	10h51m06s
<b>Moon Rise/ Set</b>	12:19AM 12:24PM	1:20AM 1:05PM	2:22AM 1:50PM
<b>Moon Phase/ illu</b>	Waning Crescent, 37%	Waning Crescent, 26%	Waning Crescent, 16%
<b>NauticalTwilight</b>	05:42 18:11	05:43 18:10	05:44 18:09
<b>Civil Twilight</b>	06:10, 17:43	06:11, 17:42	06:12, 17:42
<b>Humidity</b>	D : 65% N : 80%	D : 59% N : 76%	D : 61% N : 80%
<b>Barometer (mb)</b>	1012	1011	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h NW	9 Km/h NNW	8 Km/h NNW

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



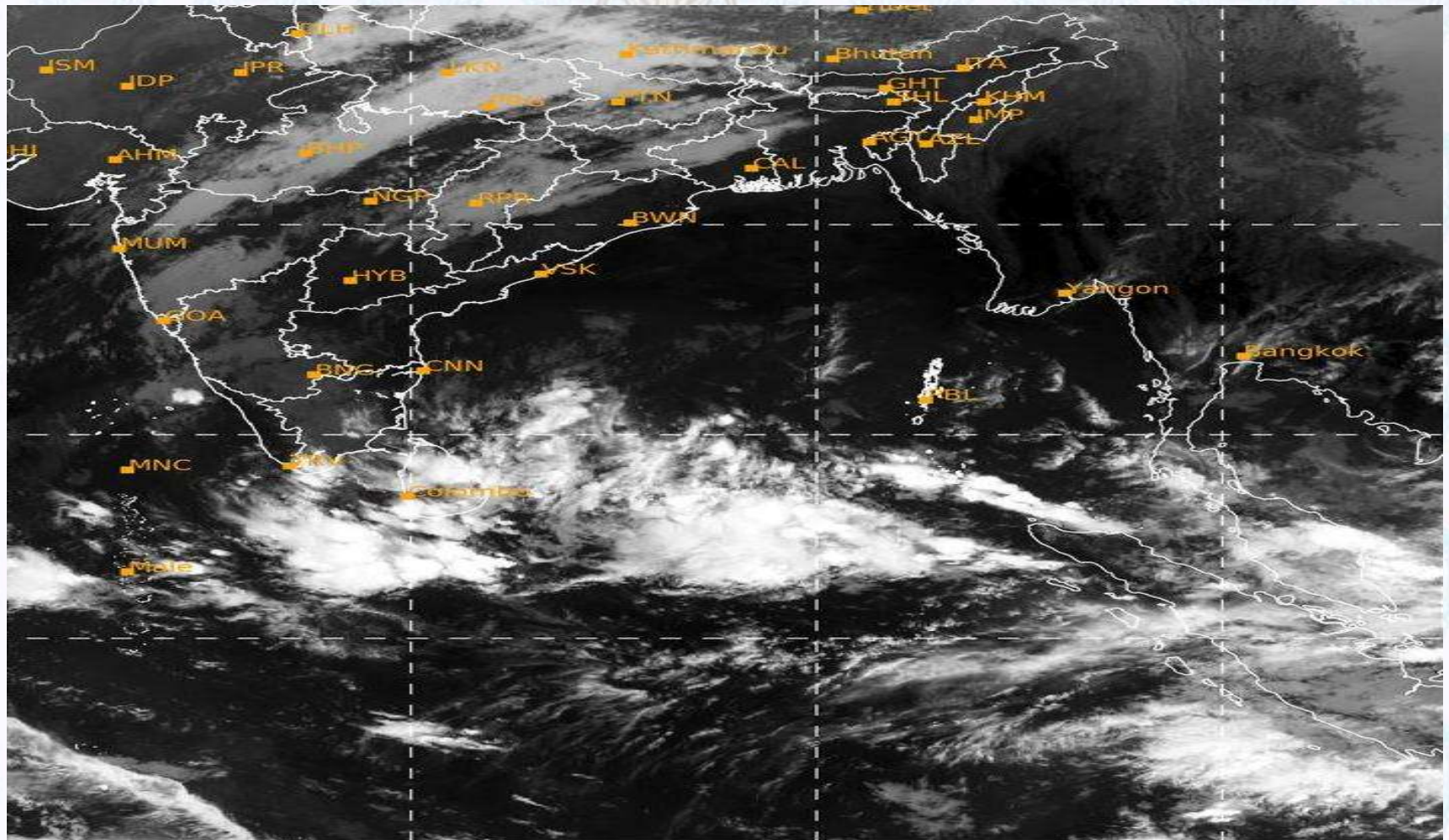
# GENERAL WEATHER FORECAST – KHULNA

Description	07 Jan 2021	08 Jan 2021	09 Jan 2021
<b>Temperature(C)</b>	30°C/ 18°C	29°C/ 18°C	28°C/ 18°C
<b>Summary</b>	AM Fog / PM Sunny	AM Fog / PM Sunny	AM Fog / PM Sunny
<b>Sun Rise/Set</b>	6h44m06s/17h32m18s	6h44m18s/17h32m54s	6h44m24s/17h33m36s
<b>Day Length</b>	10h48m12s	10h48m36s	10h49m12s
<b>Moon Rise/Set</b>	12:29AM 12:33PM	1:30AM 1:14PM	2:32AM 1:59PM
<b>Moon Phase/illu</b>	Waning Crescent, 37%	Waning Crescent, 26%	Waning Crescent, 16%
<b>NauticalTwilight</b>	05:52, 18:19	05:53, 18:18	05:54, 18:18
<b>Civil Twilight</b>	06:20, 17:50	06:21, 17:49	06:21, 17:48
<b>Humidity</b>	D : 60% N : 77%	D : 60% N : 74%	D : 59% N : 73%
<b>Barometer (mb)</b>	1011	1011	1012
<b>Visibility</b>	Moderate	Moderate	Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	7 km/h WNW	9 km/h NW	11 km/h WNW

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



# SATELLITE VIEW OF BAY OF BENGAL



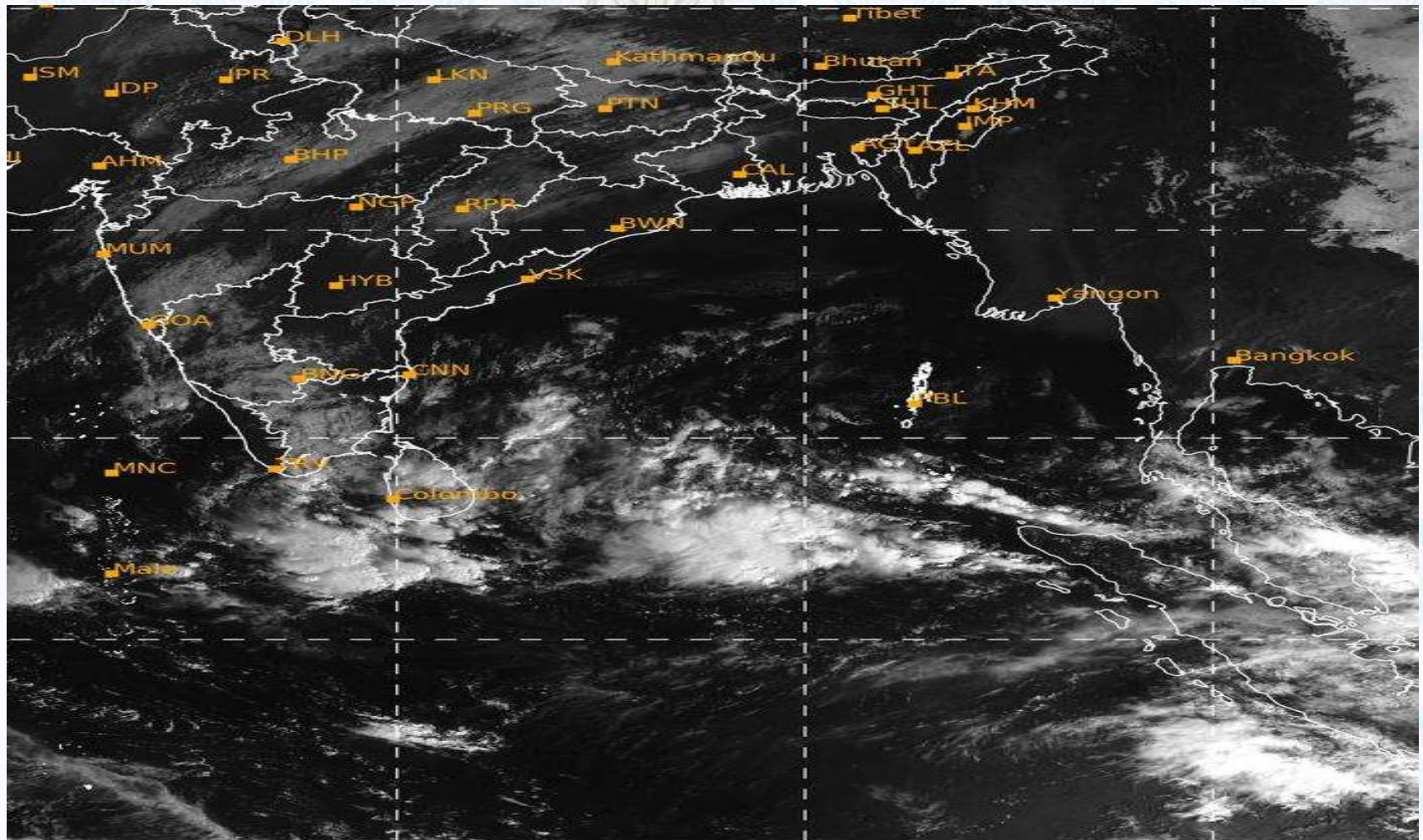
06/01/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



06/01/2021, 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 06.01.2021)

<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 = 06,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 06.01.2020)

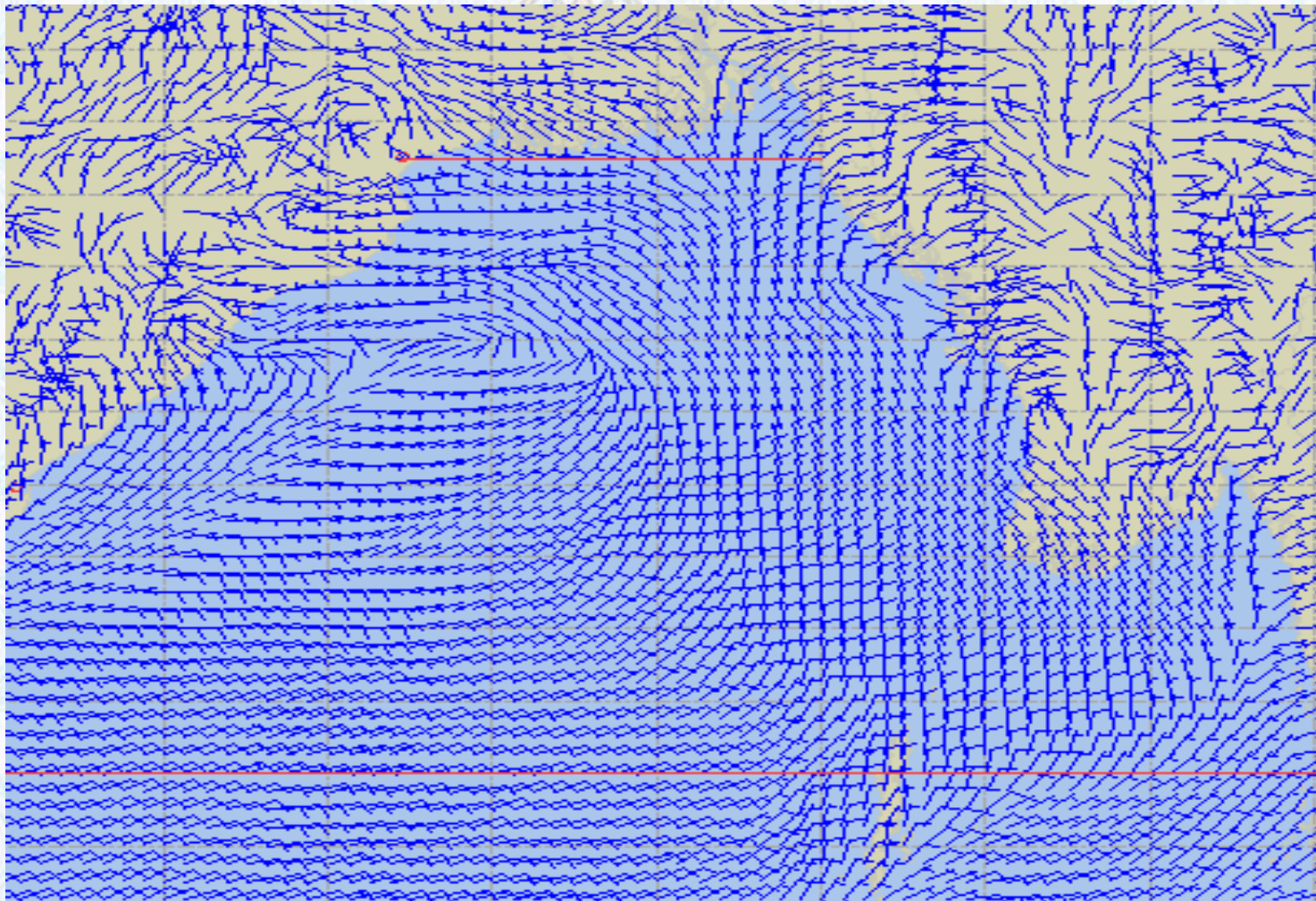
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 07 Jan - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



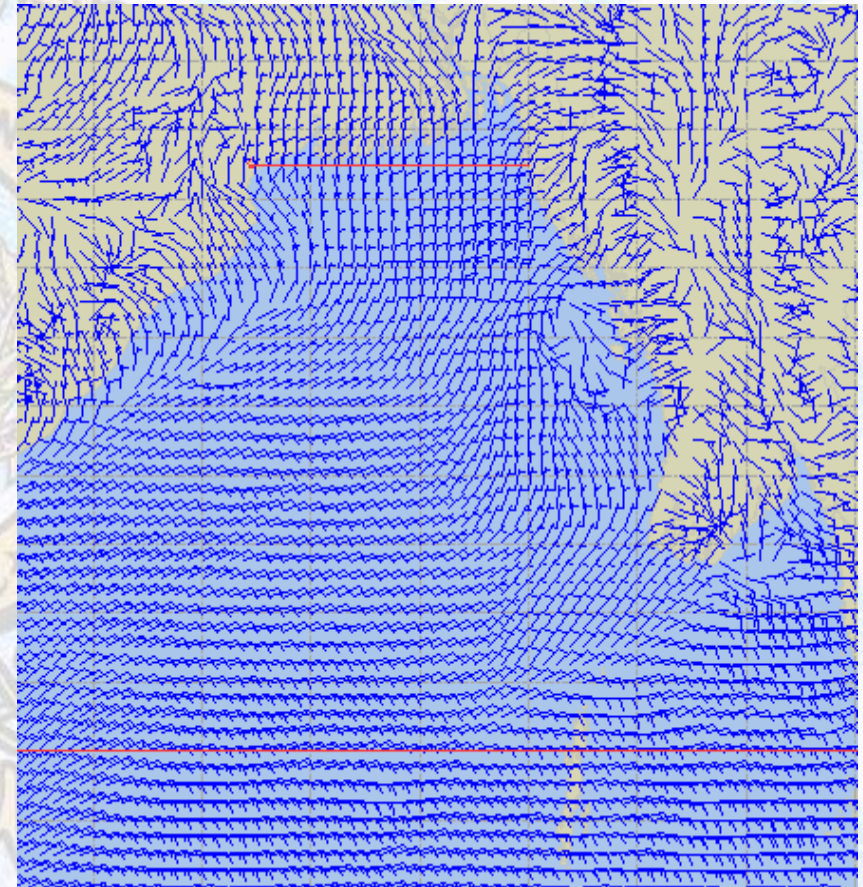
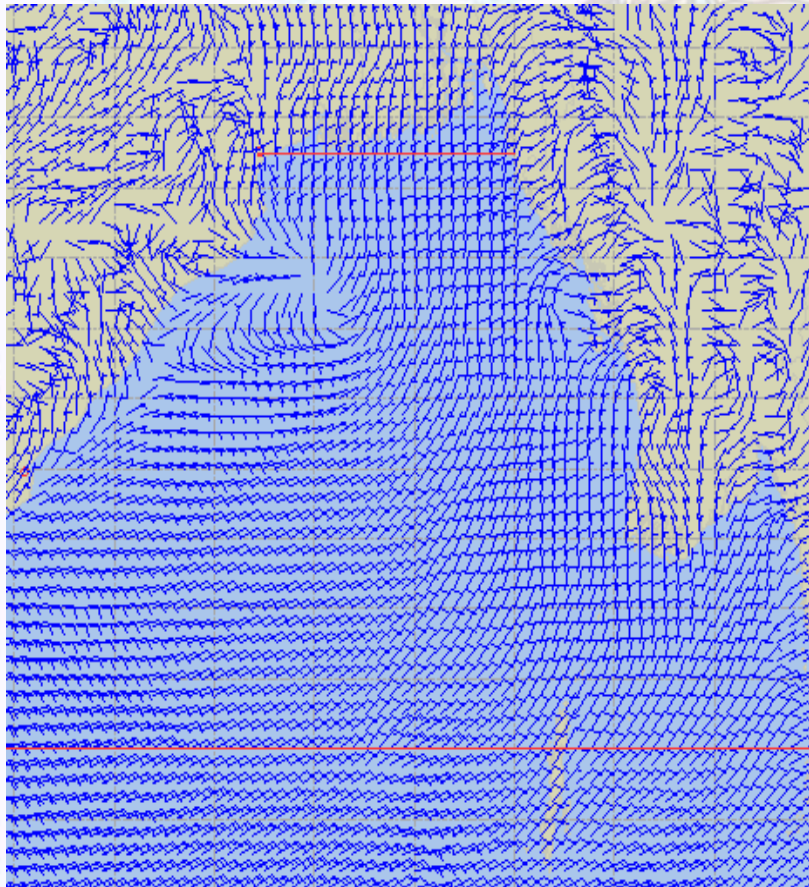
**60 Knots**



# Surface Wind Forecast – 08 & 09 Jan - 2021

08 Jan 21 Friday

09 Jan 21 Saturday



**Legend:**



Calm  
Winds



5 Knots



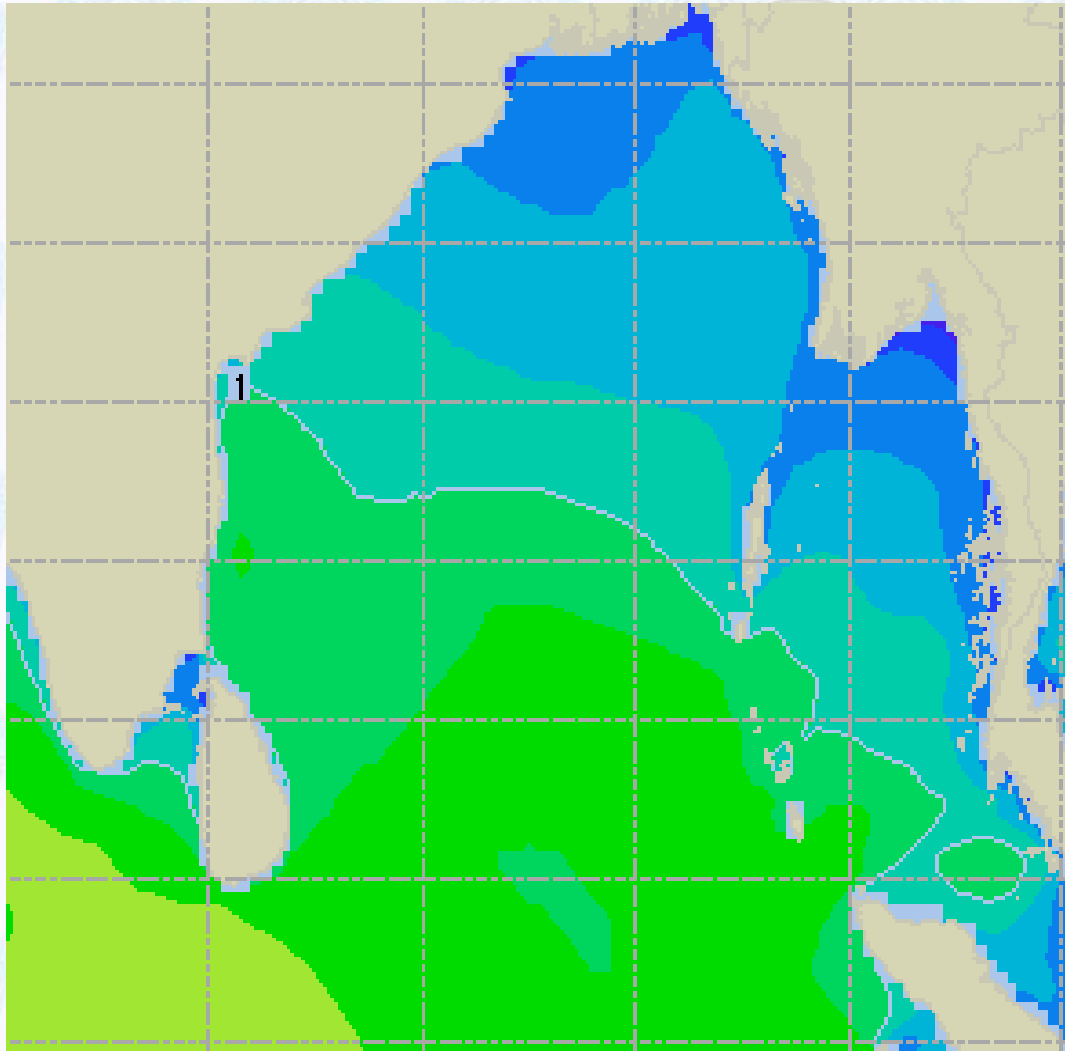
10 Knots



60 Knots



# Sea State Forecast – 07 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

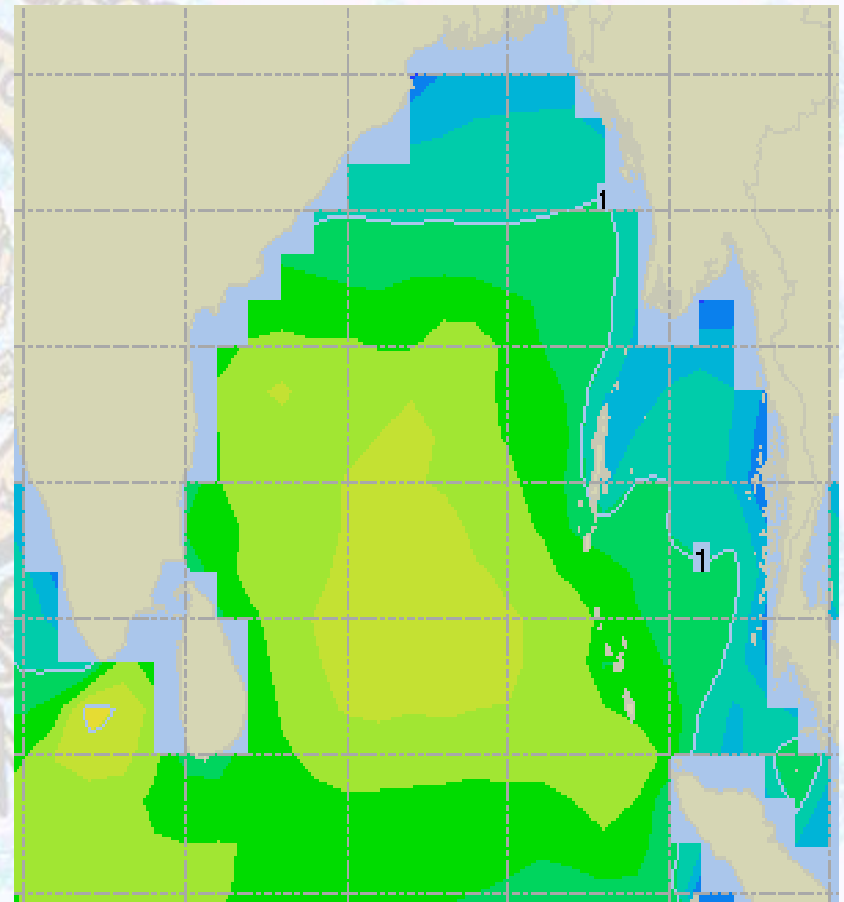
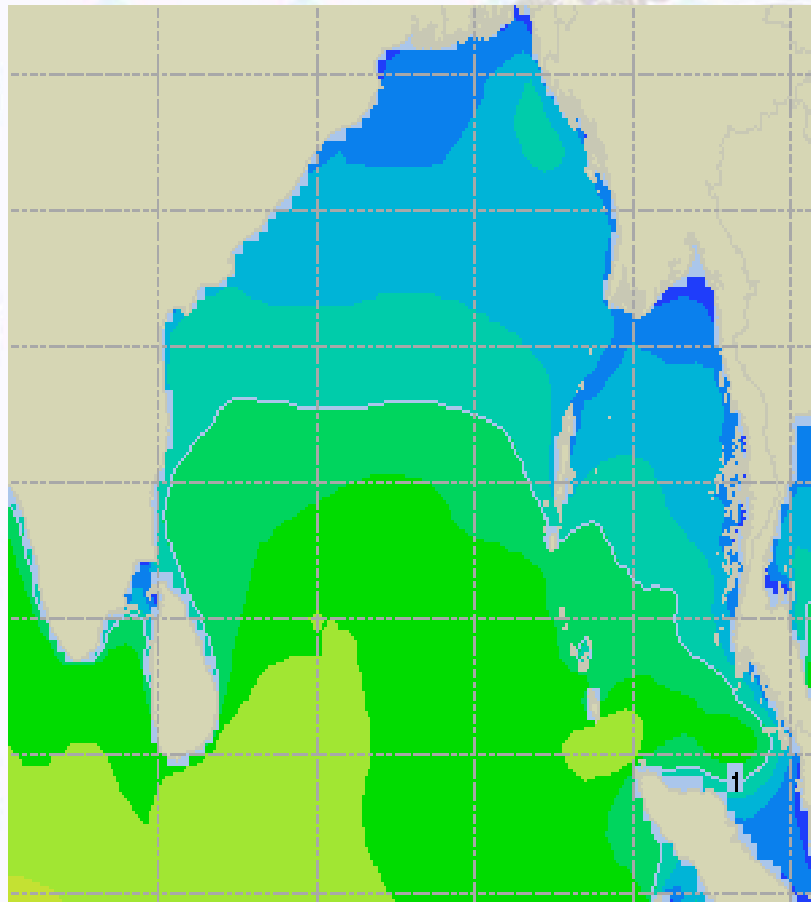




# Sea State Forecast – 08 & 09 Jan - 2021

08 Jan 21 Friday

09 Jan 21 Saturday

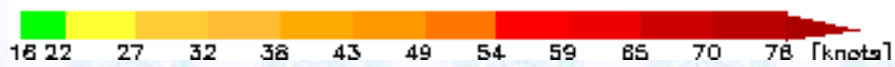
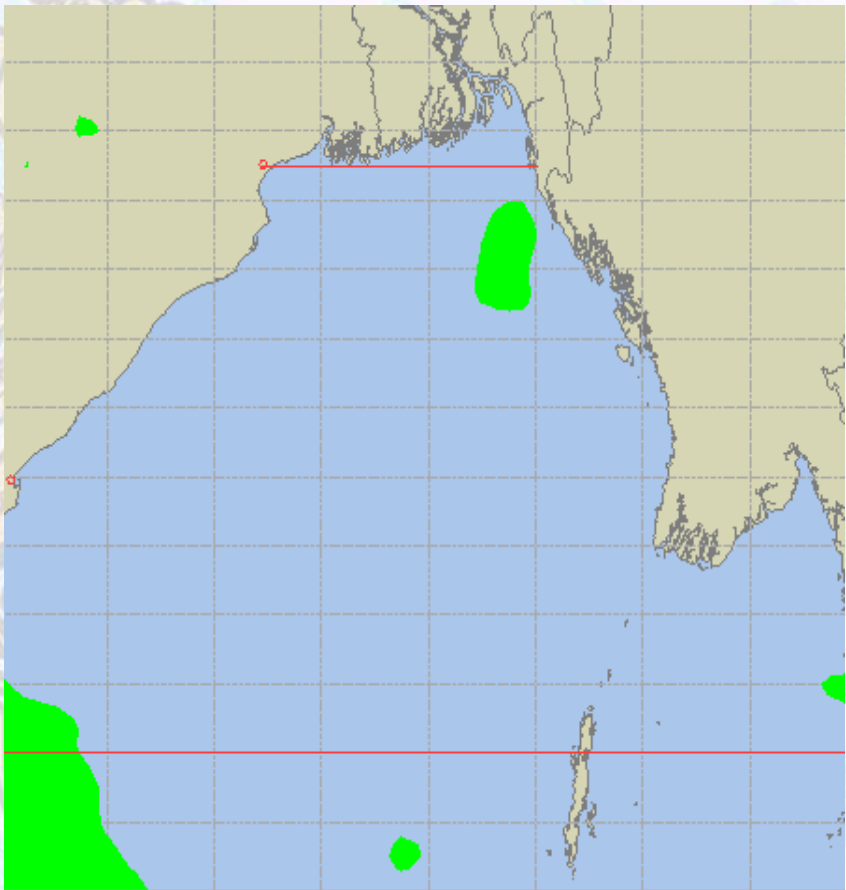
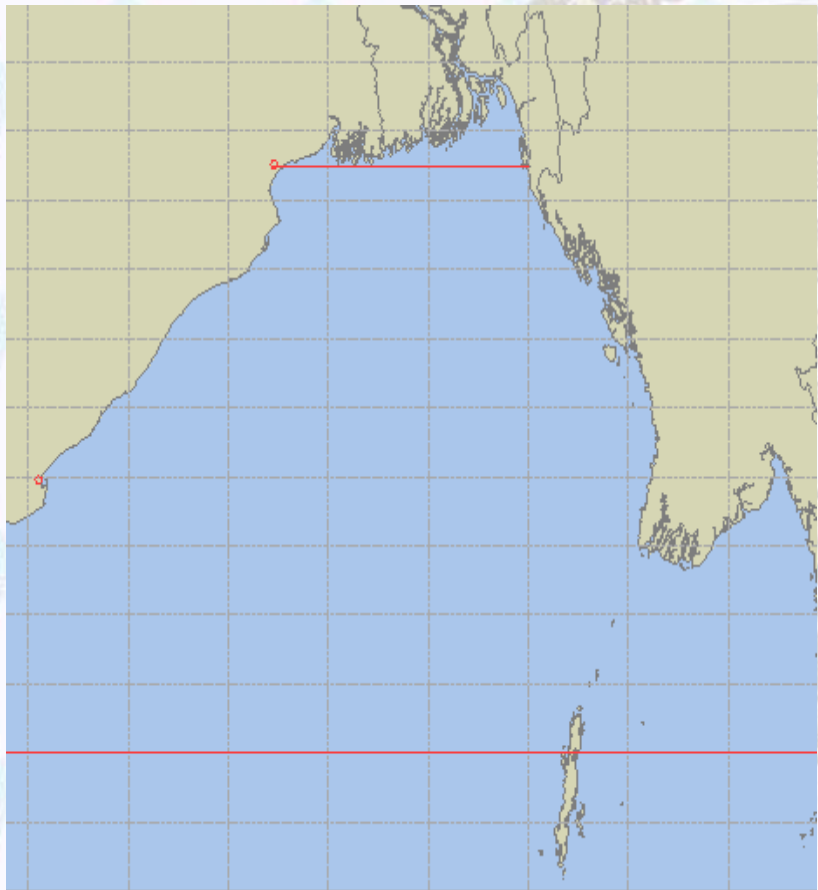




# Peak Gusting Possibilities– 07 & 08 Jan 2021

07 Jan 21 Thursday

08 Jan 21 Friday

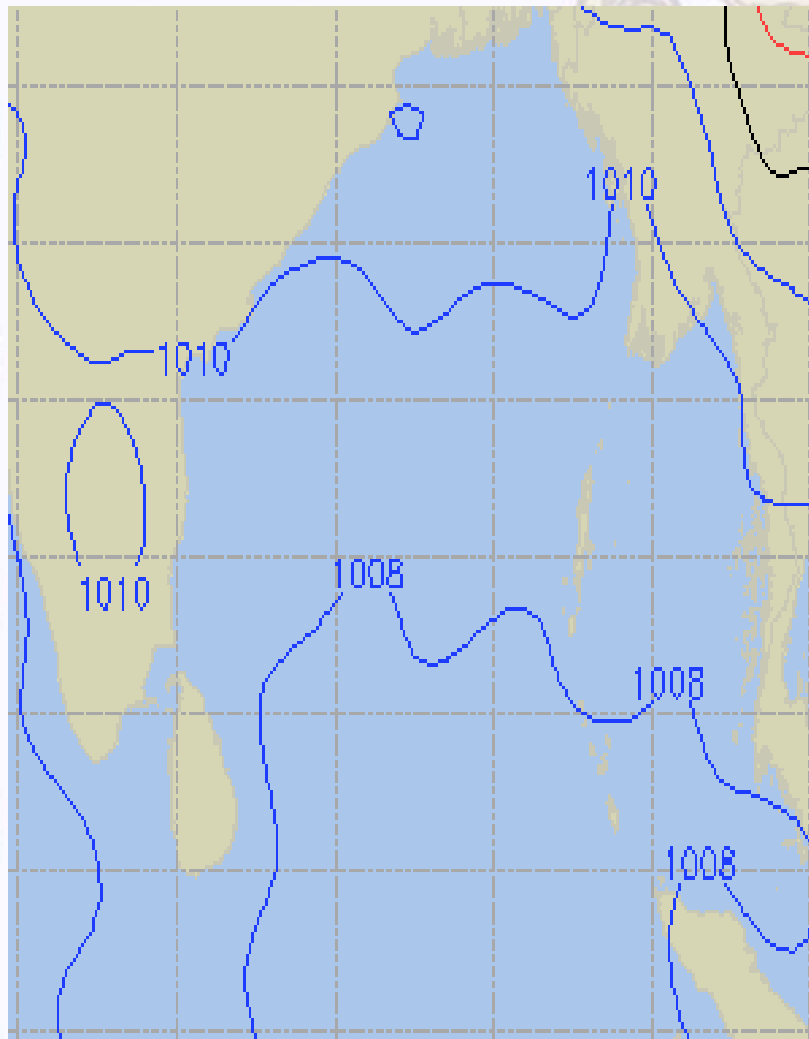




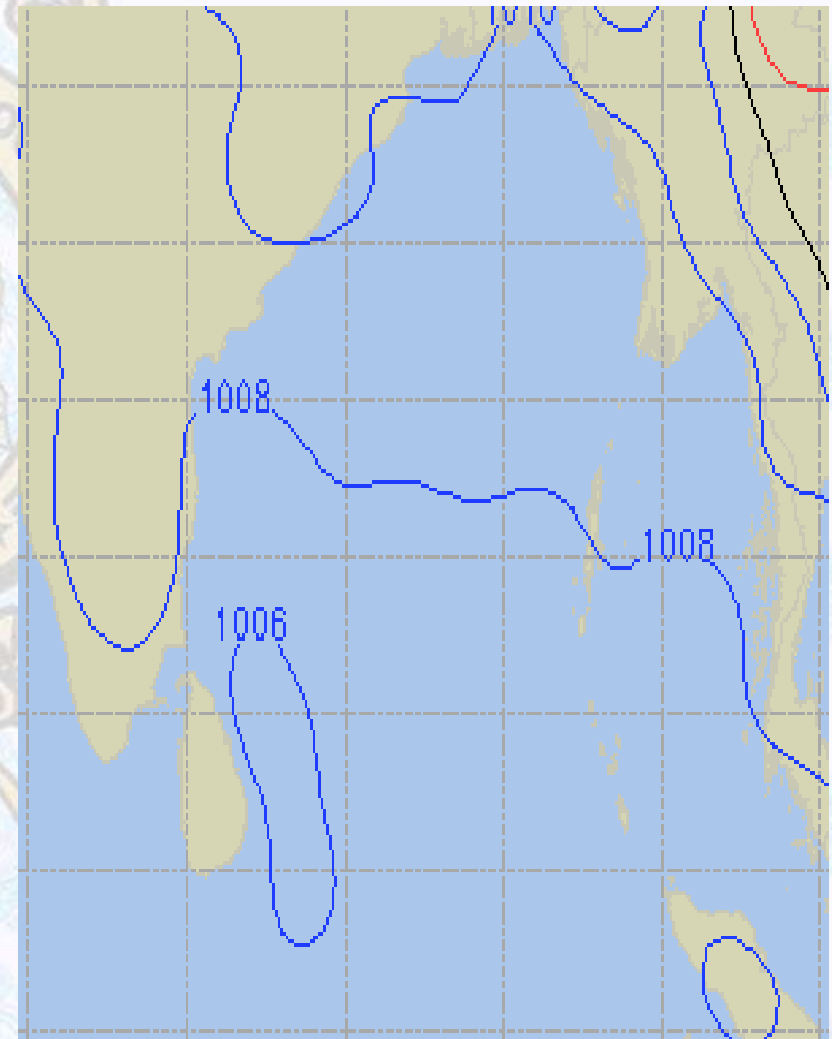


# Surface Pressure forecast – 07 & 08 Jan 2021

07 Jan 21 Thursday



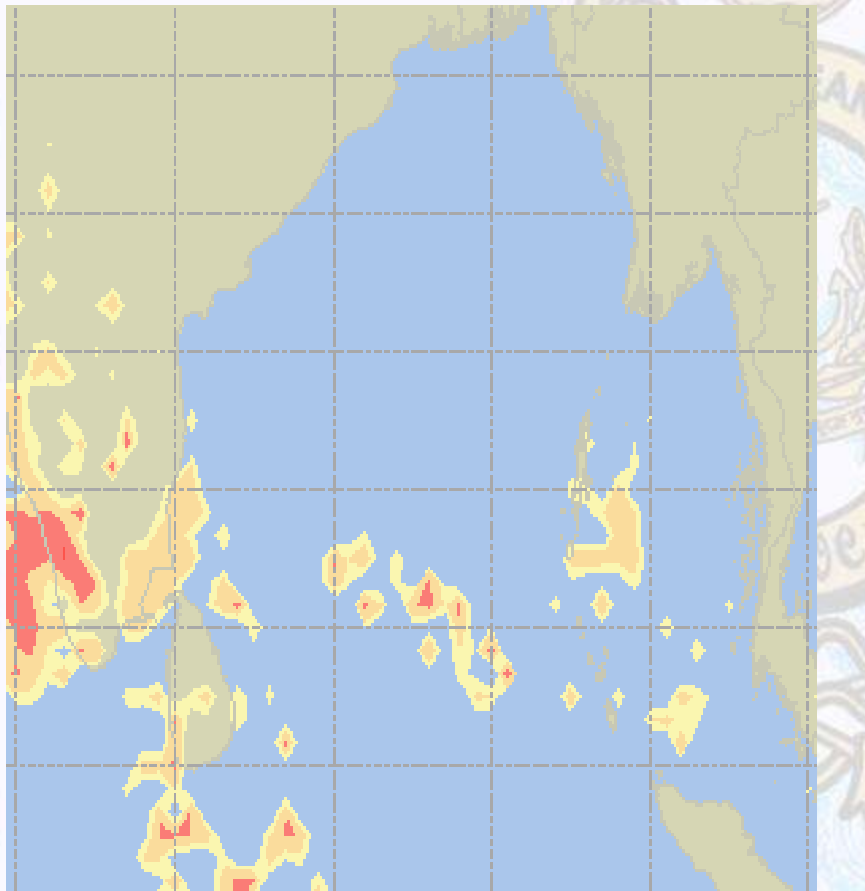
08 Jan 21 Friday



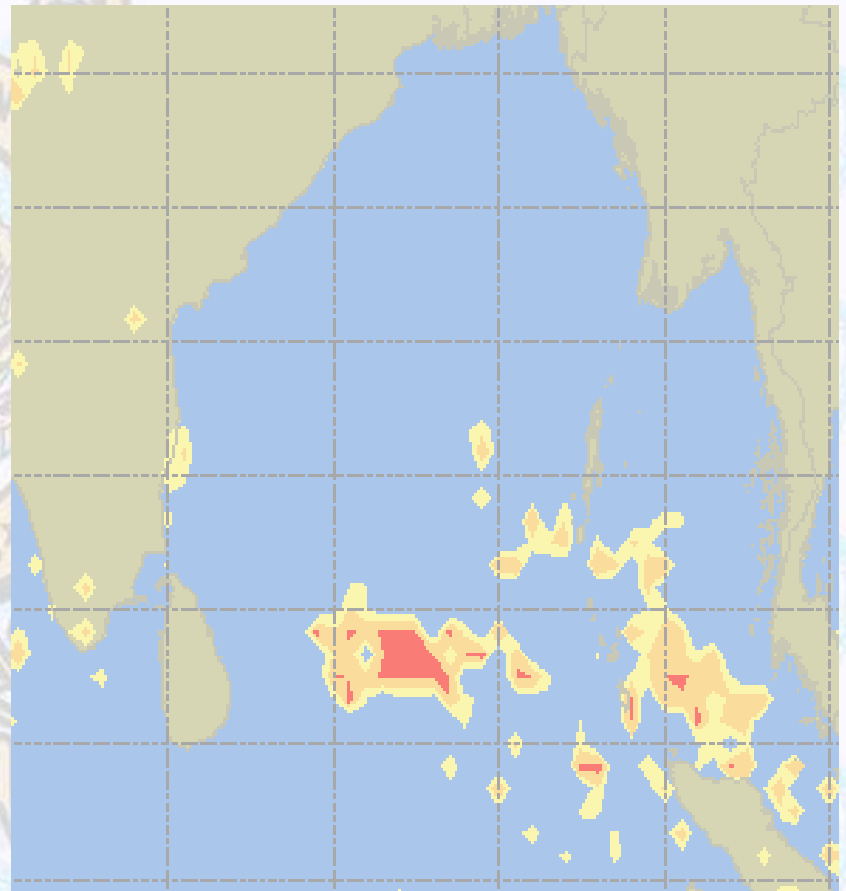


# Visibility at Sea Forecast – 07 & 08 Jan 2021

07 Jan 21 Thursday



08 Jan 21 Friday



**Visibility Scale:**



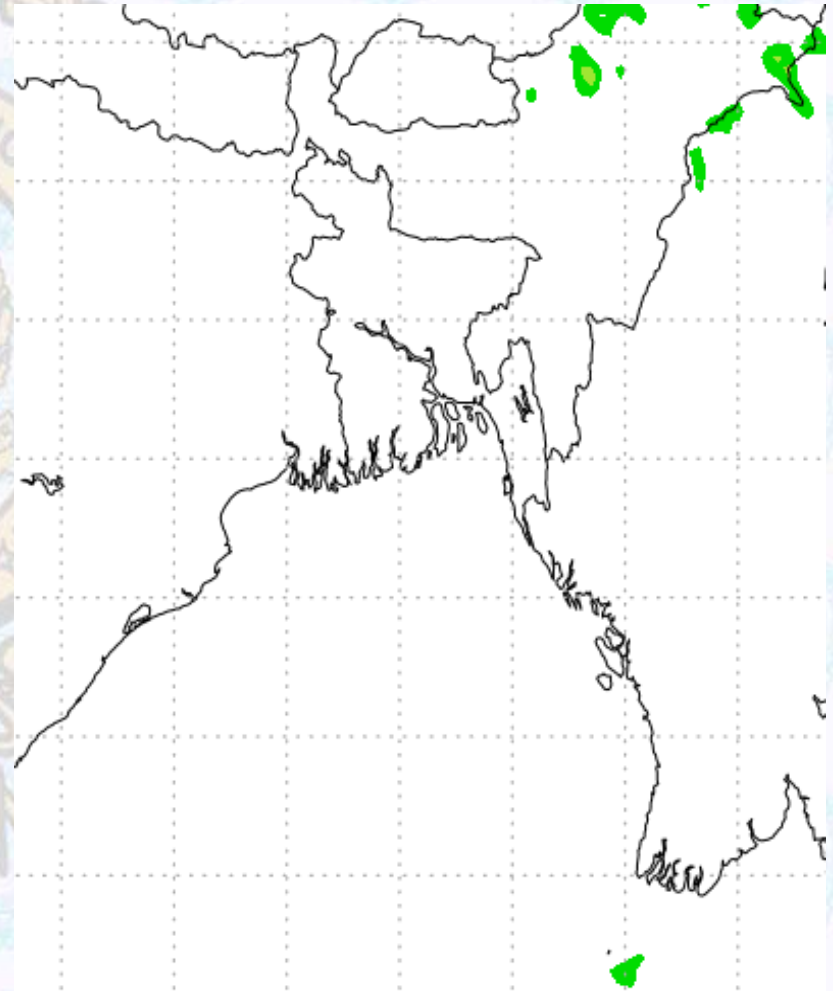
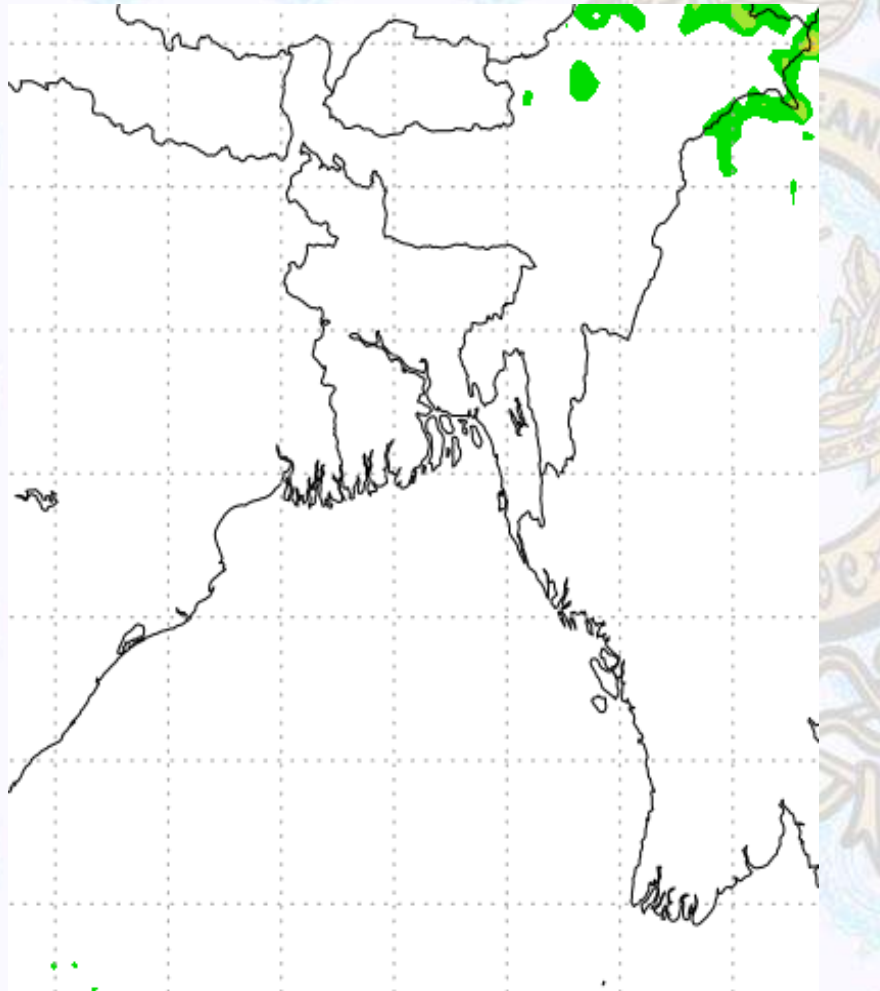
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 07 & 08 Jan 2021

Rain(mm) 08 & 09 Jan 2021



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>07 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0101	1.00		0424	2.62		0409	2.39
	0656	3.65		1100	0.76		1050	0.80
	1338	0.68		1711	2.57		1716	2.42
	1952	3.79		2339	0.89		2331	1.12
<b>08 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0222	1.01		0535	2.51		0526	2.26
	0815	3.52		1214	0.76		1203	0.82
	1450	0.70		1828	2.67		1836	2.48
	2106	3.90		-	-		-	-
<b>09 Jan 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0343	0.91		0101	0.86		0100	1.10
	0933	3.49		0648	2.48		0654	2.21
	1600	0.67		1326	0.70		1318	0.78
	2212	4.04		1937	2.83		1950	2.59