



# **WEATHER FORECAST FOR BN**

***09 FEB - 12 FEB 2021***





# WEATHER FORECAST – DHAKA

## 09.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 14	27 / 14	22 / 14	20 / 14
Wind	9 km/h NW	10 km/h WNW	8 km/h WNW	5 km/h NW
Humidity	46%	46%	62%	69%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 35 AM 17: 50 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 5.7 km

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



# WEATHER FORECAST – CHATTOGRAM

## 09.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 15	27 / 15	22 / 16	20 / 16
Wind	10 km/h WNW	10 km/h WNW	10 km/h NW	7 km/h N
Humidity	49%	48%	68%	76%
Chance of Precip.	1%	1%	1%	2%
Cloud Cover	1%	1%	1%	9%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 28 AM			
Sunset	17: 46 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 4.6 Km

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



# WEATHER FORECAST – KHULNA

## 09.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 11	27 / 11	20 / 13	17 / 13
Wind	8 km/h NNW	7 km/h NW	4 km/h NNW	2 m/h N
Humidity	37%	38%	64%	77%
Chance of Precip.	1%	1%	2%	3%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 37 AM 17: 55 PM			

### Conditions

Pressure : 1016 hpa

Visibility : 5.5 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	10 Feb 2021	11 Feb 2021	12 Feb 2021
<b>Temperature (C)</b>	27 °C/ 15 °C	27 °C/ 16 °C	27 °C/ 16 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h35m00s/17h50m54s	6h34m24s/17h51m36s	6h33m48s/17h52m06s
<b>Day Length</b>	11h15m54s	11h17m12s	11h18m18s
<b>Moon Rise/ Set</b>	5:30AM 4:26AM	6:19AM 5:27AM	7:03AM 6:25AM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	05:44,18:40	05:44,18:41	05:43,18:42
<b>Civil Twilight</b>	06:11,18:14	06:10,18:14	06:10,18:15
<b>Humidity</b>	D : 62% N : 77%	D : 64% N : 78%	D : 63% N : 77%
<b>Barometer (mb)</b>	1013	1012	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	5%
<b>Wind (mph)</b>	8 Km/h WNW	6 Km/h SSW	9 Km/h W

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	10 Feb 2021	11 Feb 2021	12 Feb 2021
<b>Temperature (C)</b>	27 °C/ 15 °C	27 °C/ 15 °C	27 °C/ 15 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h27m30s/ 17h47m00s	6h26m54s/ 17h47m36s	6h26m18s/ 17h48m06s
<b>Day Length</b>	11h19m30s	11h20m42s	11h21m48s
<b>Moon Rise/ Set</b>	5:21AM 4:23AM	6:10AM 5:24AM	6:55AM 6:21AM
<b>Moon Phase/ illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>NauticalTwilight</b>	05:37, 18:36	05:37, 18:36	05:36, 18:37
<b>Civil Twilight</b>	06:04, 18:09	06:03, 18:10	06:03, 18:10
<b>Humidity</b>	D : 62% N : 83%	D : 61% N : 81%	D : 63% N : 88%
<b>Barometer (mb)</b>	1013	1013	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	3%	4%
<b>Wind (mph)</b>	11 Km/h NW	12 Km/h NW	12 Km/h NW

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



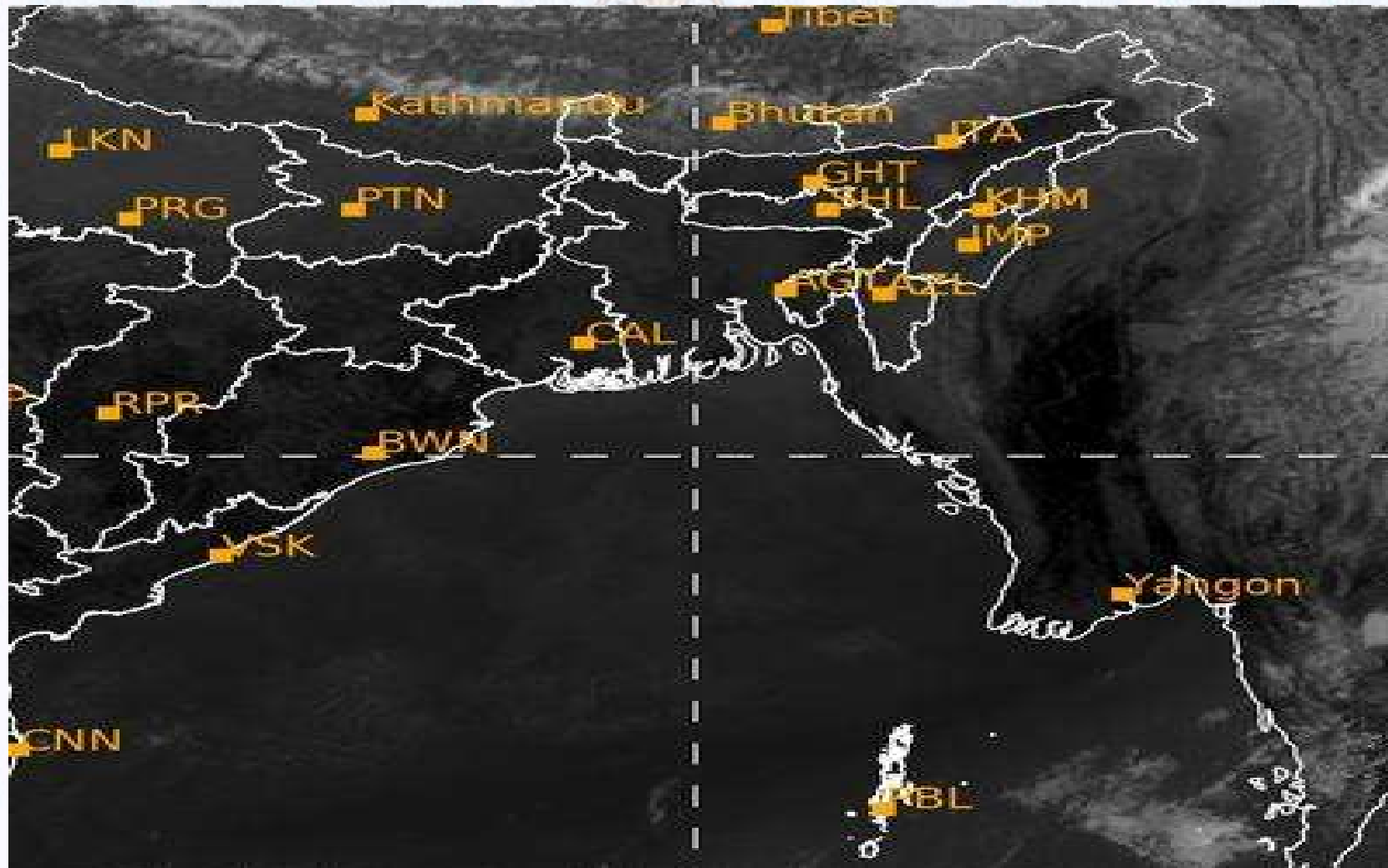
# GENERAL WEATHER FORECAST – KHULNA

Description	10 Feb 2021	11 Feb 2021	12 Feb 2021
<b>Temperature(C)</b>	28°C/ 15°C	28°C/ 16°C	28°C/ 16°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h37m12s/ 17h55m30s	6h36m42s/ 17h56m06s	6h36m06s/ 17h56m42s
<b>Day Length</b>	10h18m18s	10h19m24s	10h20m36s
<b>Moon Rise/Set</b>	5:31AM 4:32AM	6:20AM 5:32AM	7:05AM 6:30AM
<b>Moon Phase/illu</b>	Waning Crescent, 1%	New Moon, 0%	New Moon, 1%
<b>Nautical Twilight</b>	05:47, 18:45	05:46, 18:45	05:46, 18:46
<b>Civil Twilight</b>	06:13, 18:18	06:13, 18:19	06:12, 18:19
<b>Humidity</b>	D : 57% N : 84%	D : 63% N : 89%	D : 60% N : 76%
<b>Barometer (mb)</b>	1013	1012	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	5%	6%
<b>Wind (mph)</b>	5 km/h NW	8 km/h W	7 km/h WSW

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



# SATELLITE VIEW OF BAY OF BENGAL



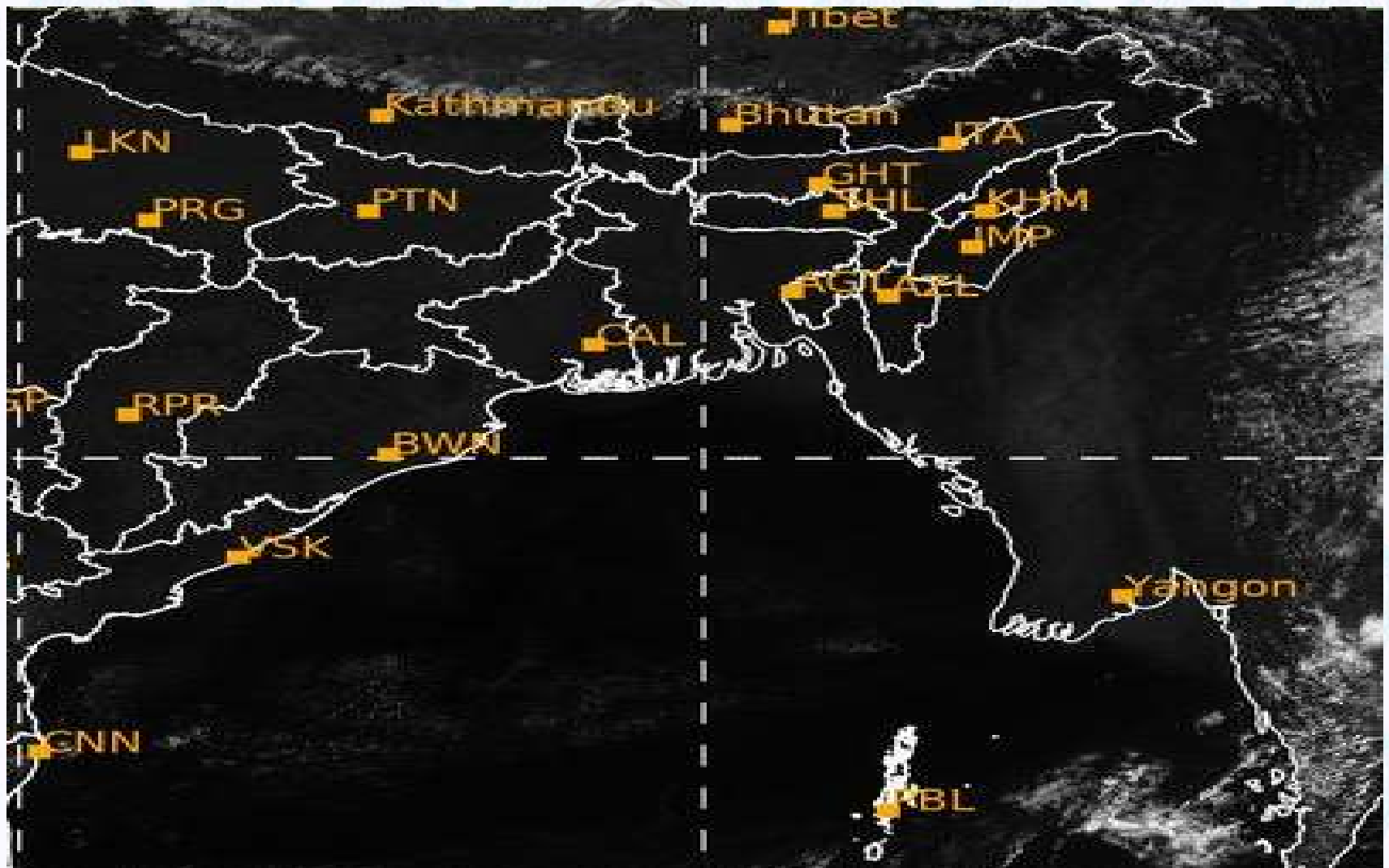
09/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



09/02/2021, 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 09.02.2021)

<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 NORTH BAY.
	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 = 09,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 09.02.2020)

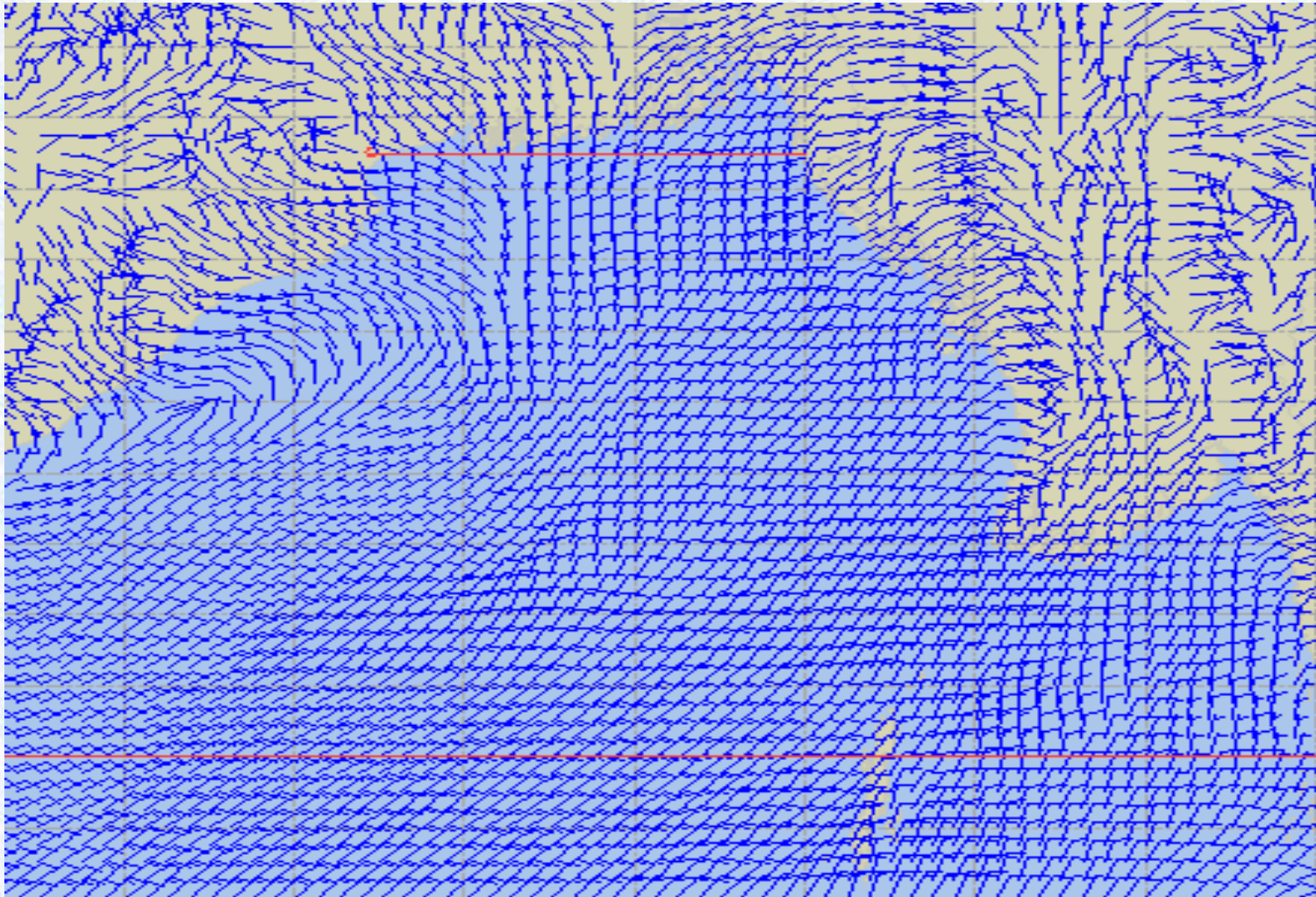
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 10 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



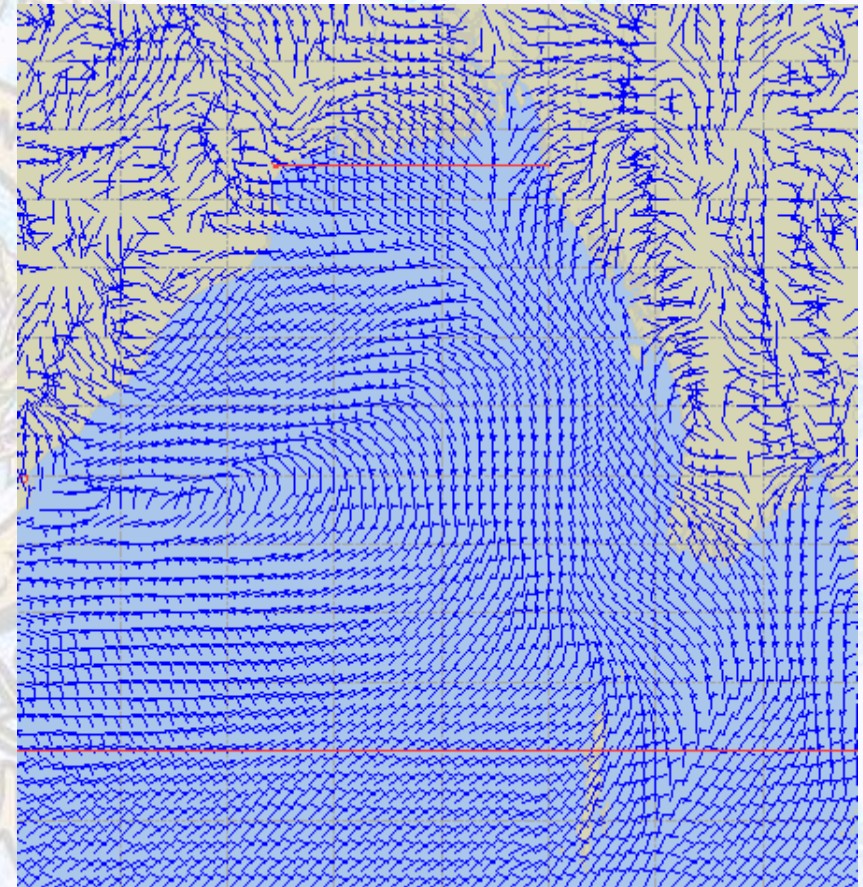
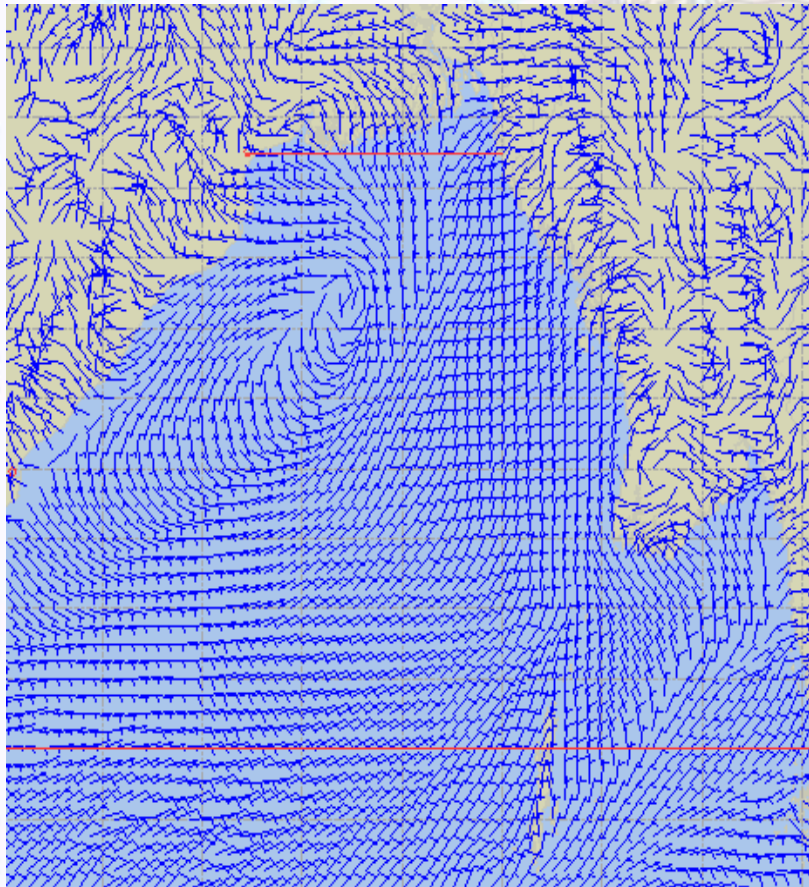
**60 Knots**



# Surface Wind Forecast – 11 & 12 Feb - 2021

11 Feb 21 Thursday

12 Feb 21 Friday



**Legend:**



Calm  
Winds



5 Knots



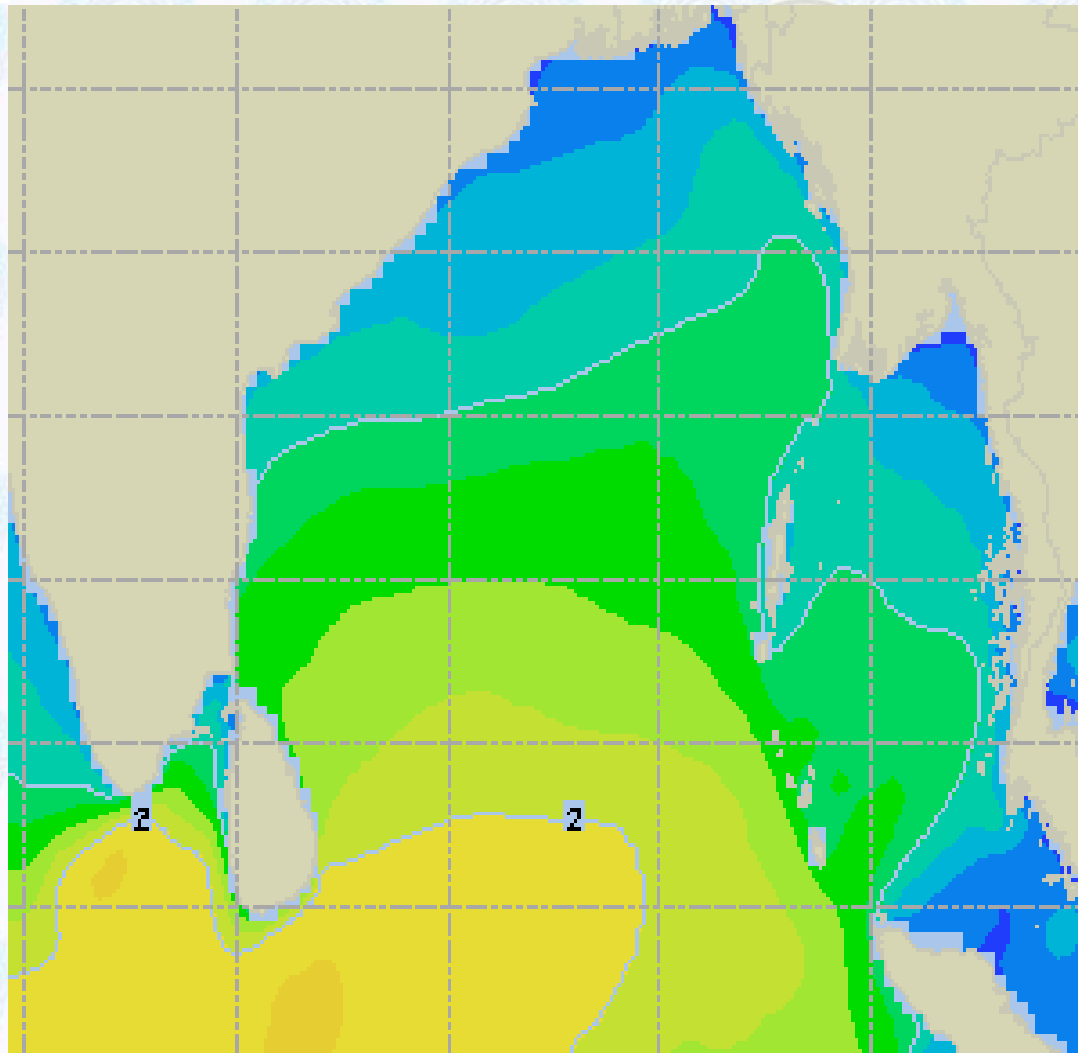
10 Knots



60 Knots



# Sea State Forecast – 10 Feb - 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

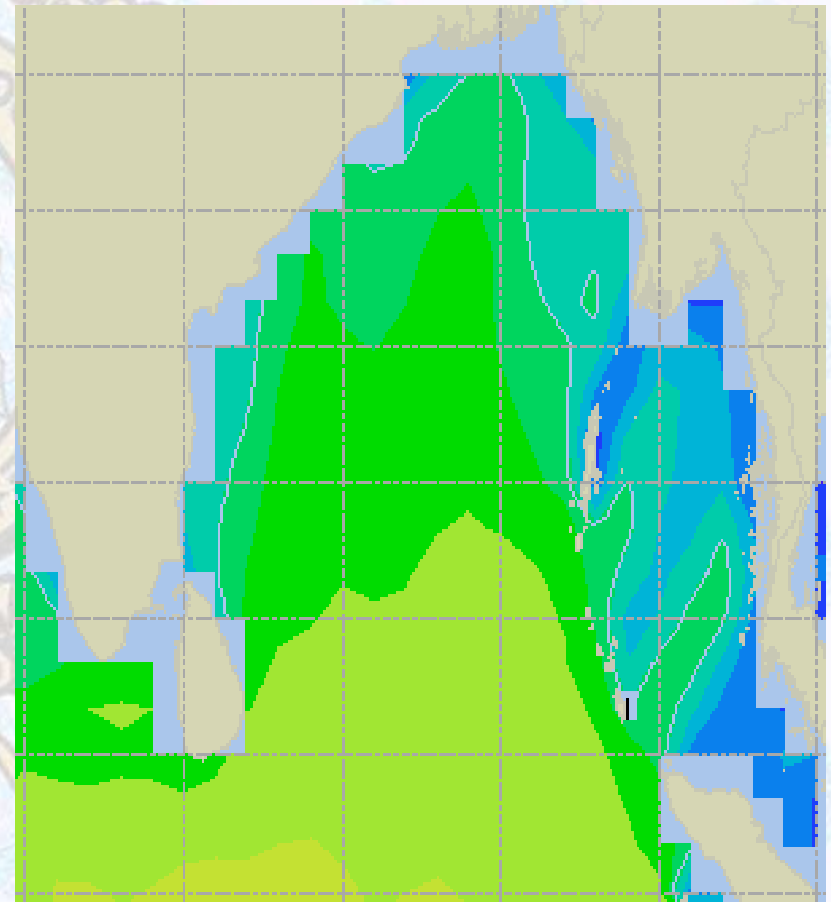
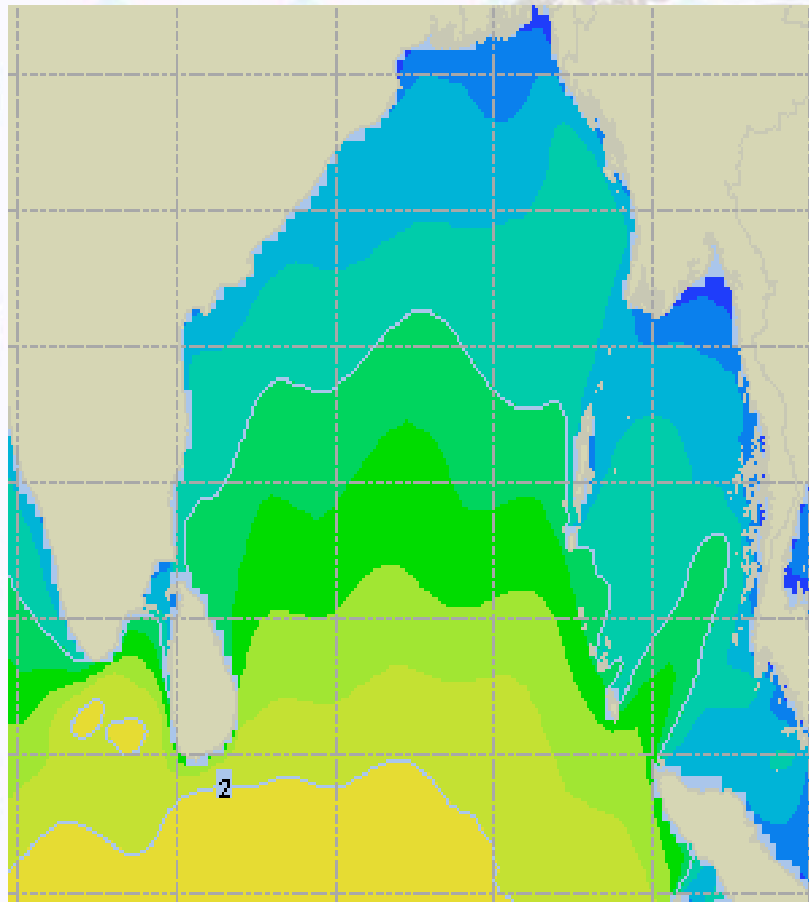




# Sea State Forecast – 10 & 11 Feb - 2021

11 Feb 21 Thursday

12 Feb 21 Friday

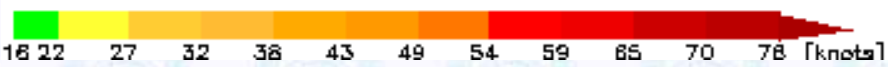
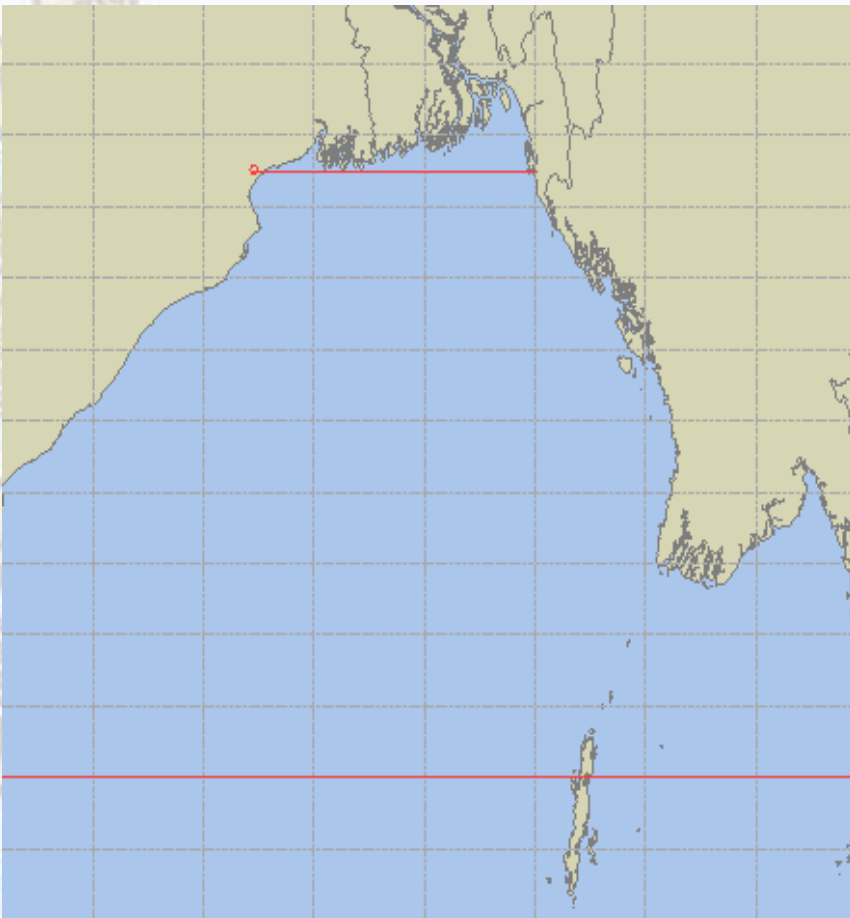
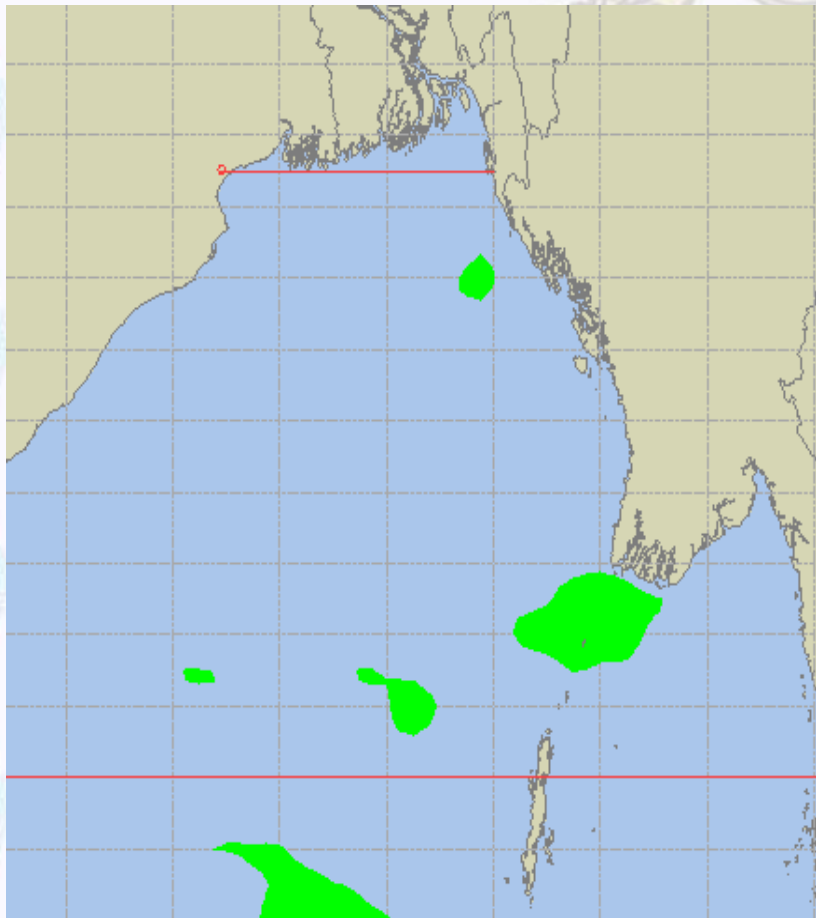




# Peak Gusting Possibilities– 10 & 11 Feb 2021

10 Feb 21 Wednesday

11 Feb 21 Thursday

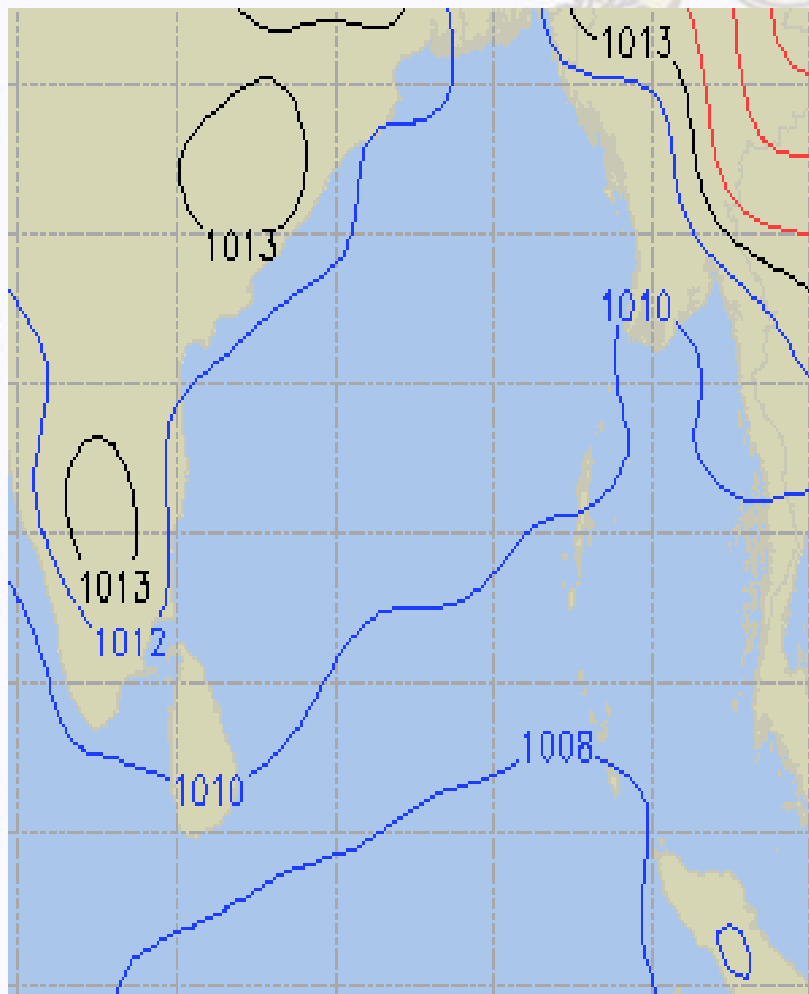




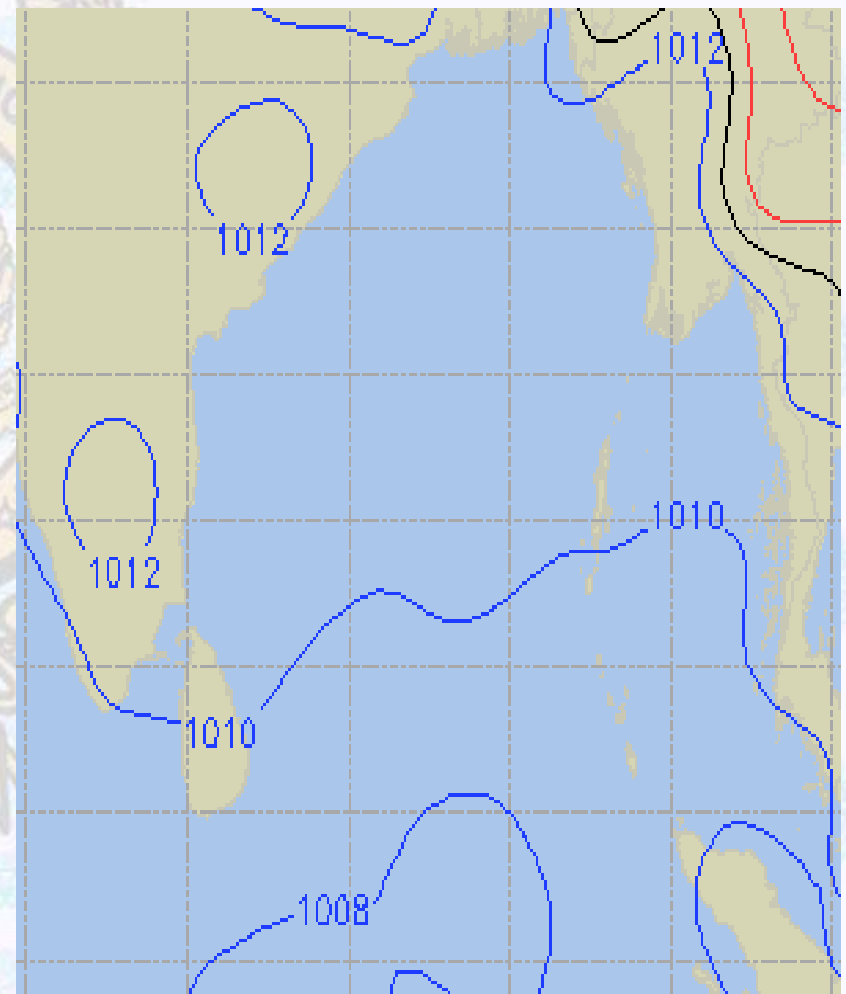


# Surface Pressure forecast – 10 & 11 Feb 2021

10 Feb 21 Wednesday



11 Feb 21 Thursday

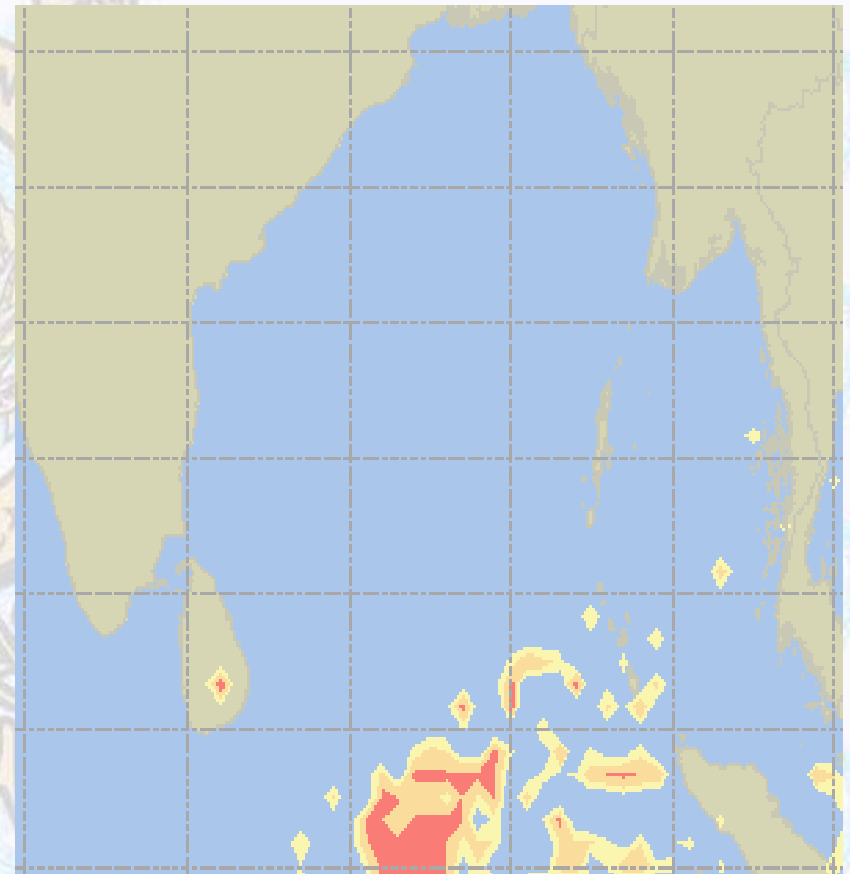
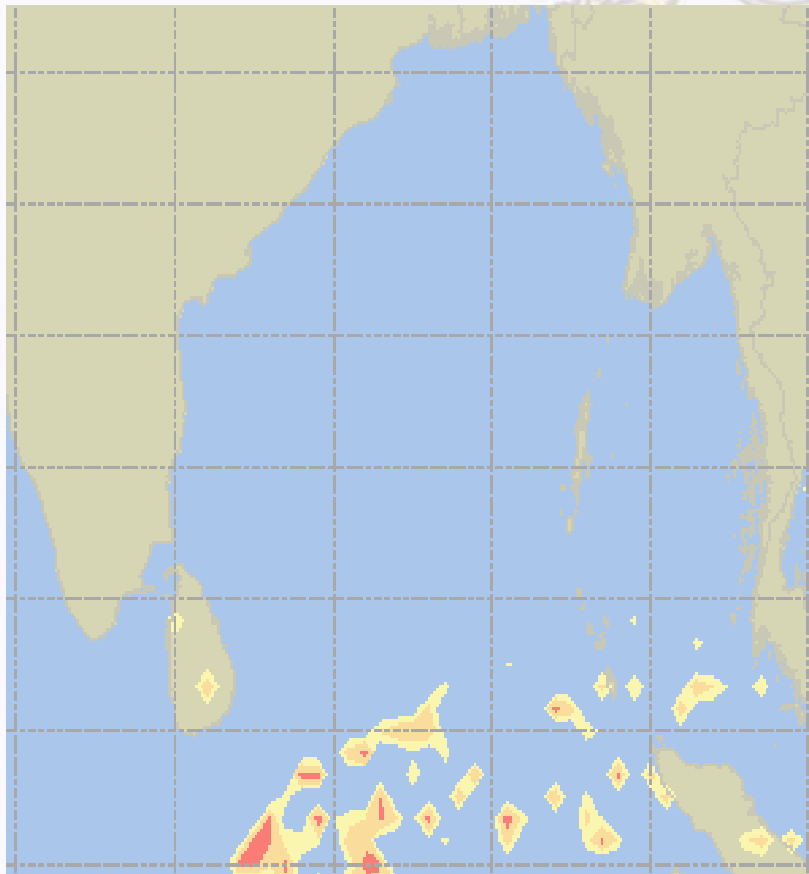




# Visibility at Sea Forecast – 10 & 11 Feb 2021

10 Feb 21 Wednesday

11 Feb 21 Thursday



**Visibility Scale:**



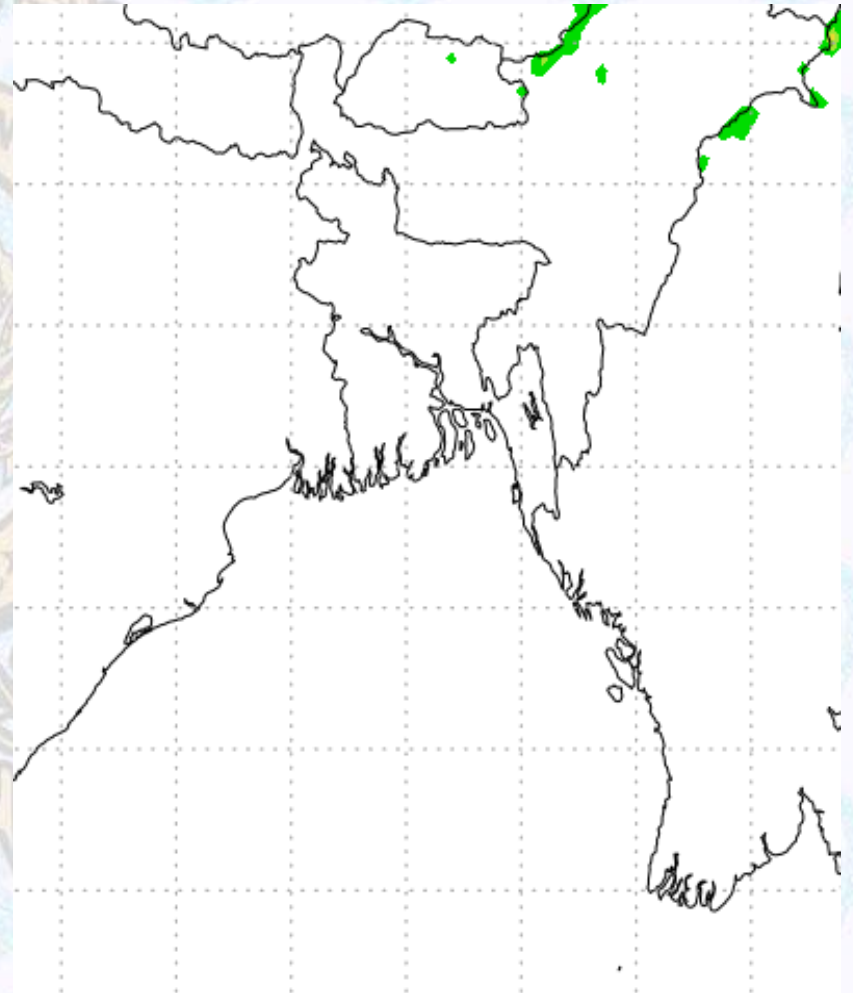
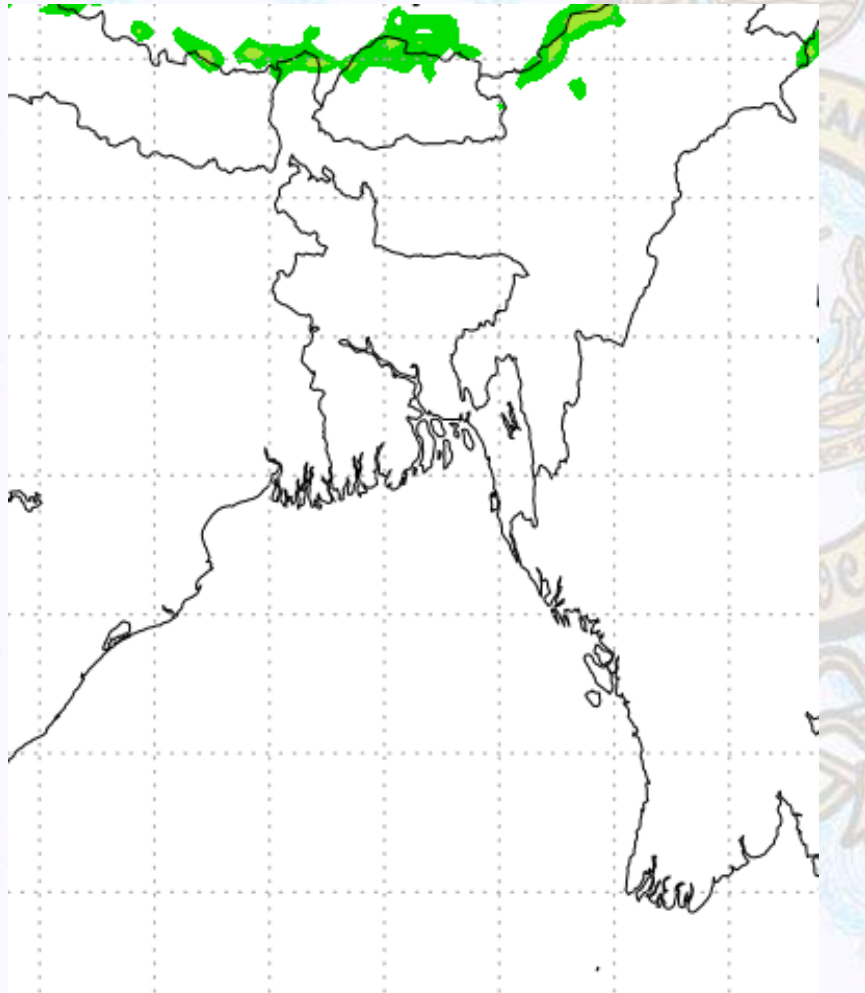
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



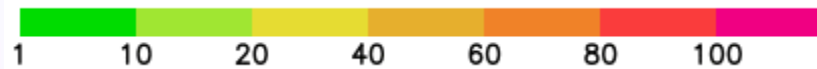
# Precipitation

Rain(mm) 10 & 11 Feb 21

Rain(mm) 11 & 12 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>10 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0641	0.50		0406	0.51		0416	0.59
	1234	3.64		0947	2.59		1012	2.40
	1844	0.58		1616	0.38		1615	0.51
	-	-		2209	3.13		2229	2.81
<b>11 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0041	4.14		0453	0.37		0457	0.44
	0724	0.40		1030	2.77		1051	2.53
	1311	3.79		1702	0.27		1657	0.42
	1926	0.50		2251	3.28		2306	2.87
<b>12 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0116	4.25		0533	0.27		0533	0.35
	0801	0.34		1109	2.91		1126	2.61
	1343	3.91		1741	0.21		1733	0.38
	2002	0.46		2328	3.36		2338	2.88