



# WEATHER FORECAST FOR BN

***14 FEB - 17 FEB 2021***



# WEATHER FORECAST – DHAKA

## 14.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	27 / 16	28 / 15	23 / 16	21 / 15
Wind	8 km/h W	9 km/h W	4 km/h WNW	4 m/h W
Humidity	50%	47%	62%	69%
Chance of Precip	1%	1%	2%	3%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 32 AM 17: 53 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 3.22 km

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



# WEATHER FORECAST – CHATTOGRAM

## 14.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	26 / 15	26 / 15	22 / 17	20 / 17
Wind	13 km/h W	12 km/h W	8 km/h W	5 km/h NW
Humidity	51%	51%	73%	85%
Chance of Precip.	1%	1%	2%	5%
Cloud Cover	1%	1%	1%	1%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise	06: 25 AM			
Sunset	17: 49 PM			

### Conditions

Pressure : 1015 hpa

Visibility : 5.6 Km

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



# WEATHER FORECAST – KHULNA

## 14.02.2021

Hourly	2 PM	4 PM	8 PM	11 PM
Temp. / Dew Point	28 / 16	29 / 14	23 / 16	21 / 17
Wind	6 km/h WNW	6 km/h WNW	4 km/h S	3 m/h SSW
Humidity	46%	41%	65%	80%
Chance of Precip.	1%	1%	2%	4%
Cloud Cover	5%	4%	7%	8%
Conditions	Sunny	Sunny	Clear	Clear
Sunrise Sunset	06: 34 AM 17: 57 PM			

### Conditions

Pressure : 1014 hpa

Visibility : 5.7 Km

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



# GENERAL WEATHER FORECAST – DHAKA

Description	15 Feb 2021	16 Feb 2021	17 Feb 2021
<b>Temperature (C)</b>	29 °C/ 17 °C	29 °C/ 17 °C	29 °C/ 18 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h31m48s/17h53m54s	6h30m54s/17h54m30s	6h30m06s/17h55m06s
<b>Day Length</b>	11h22m06s	11h23m36s	11h25m00s
<b>Moon Rise/ Set</b>	8:50AM 9:06PM	9:22AM 9:57PM	9:53AM 10:47PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 16%	Waxing Crescent, 24%	Waxing Crescent, 33%
<b>Nautical Twilight</b>	05:42,18:43	05:41,18:44	05:41,18:44
<b>Civil Twilight</b>	06:08,18:16	06:08,18:17	06:07,18:17
<b>Humidity</b>	D : 65% N : 78%	D : 63% N : 74%	D : 58% N : 71%
<b>Barometer (mb)</b>	1012	1011	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	5%	6%	4%
<b>Wind (mph)</b>	9 Km/h WSW	8 Km/h WSW	7 Km/h NNW

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



# GENERAL WEATHER FORECAST– CHATTOGRAM

Description	15 Feb 2021	16 Feb 2021	17 Feb 2021
<b>Temperature (C)</b>	27 °C/ 17 °C	27 °C/ 16 °C	29 °C/ 18 °C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h24m30s/ 17h49m48s	6h23m36s/ 17h50m18s	6h22m48s/ 17h50m54s
<b>Day Length</b>	11h25m18s	11h26m42s	11h28m06s
<b>Moon Rise/ Set</b>	8:43AM 9:00PM	9:16AM 9:50PM	9:49AM 10:40PM
<b>Moon Phase/ illu</b>	Waxing Crescent, 16%	Waxing Crescent, 24%	Waxing Crescent, 33%
<b>NauticalTwilight</b>	05:35, 18:38	05:34, 18:39	05:34, 18:39
<b>Civil Twilight</b>	06:01, 18:12	06:01, 18:12	06:00, 18:13
<b>Humidity</b>	D : 66% N : 93%	D : 73% N : 87%	D : 56% N : 67%
<b>Barometer (mb)</b>	1013	1012	1013
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	4%	6%	4%
<b>Wind (mph)</b>	11 Km/h WNW	11 Km/h WNW	12 Km/h NNW

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



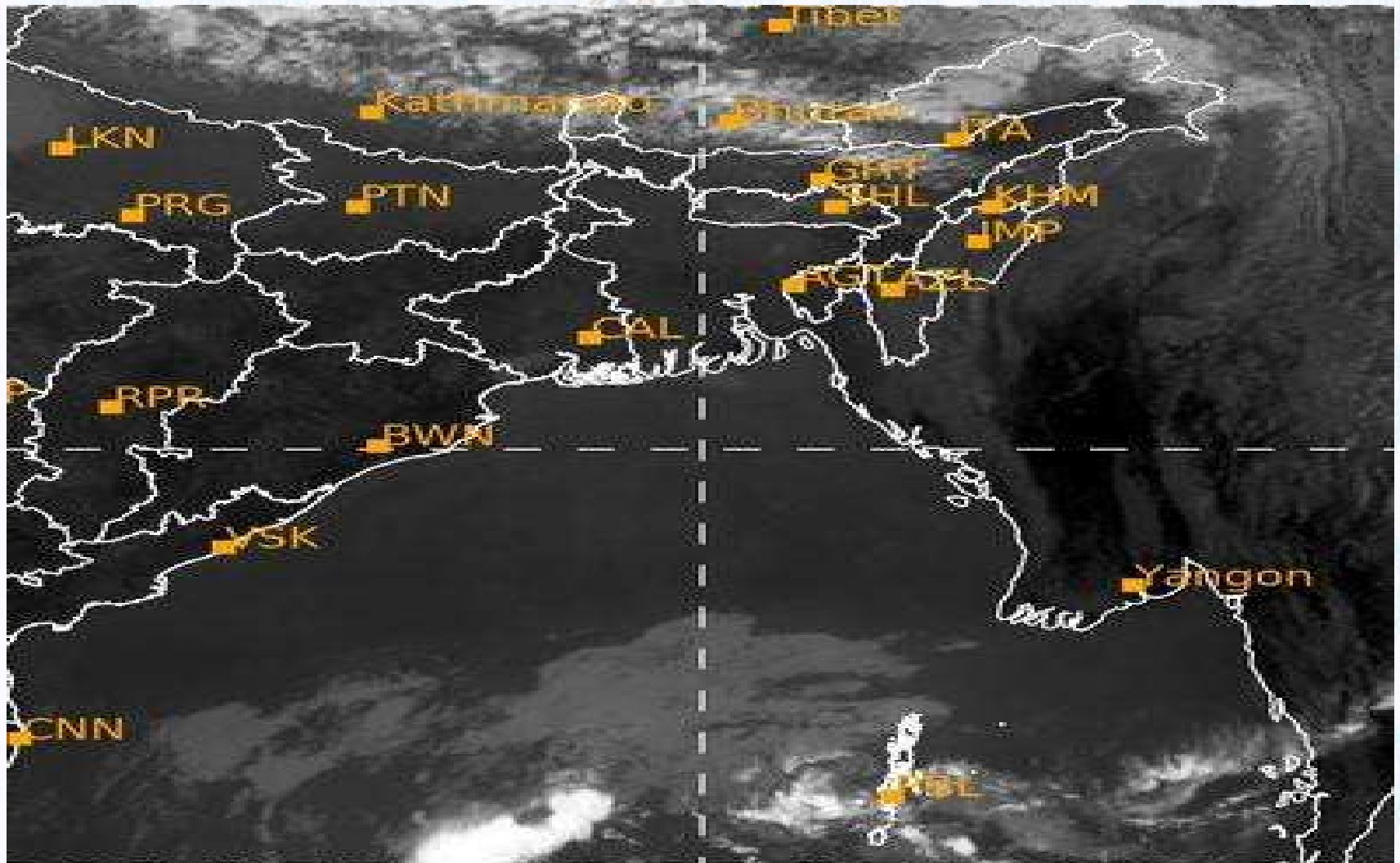
# GENERAL WEATHER FORECAST – KHULNA

Description	15 Feb 2021	16 Feb 2021	17 Feb 2021
<b>Temperature(C)</b>	30°C/ 19°C	30°C/ 19°C	30°C/ 19°C
<b>Summary</b>	Sunny	Sunny	Sunny
<b>Sun Rise/Set</b>	6h34m06s/ 17h58m24s	6h33m18s/ 17h59m00s	6h32m30s/ 17h59m30s
<b>Day Length</b>	10h24m18s	10h25m42s	10h27m00s
<b>Moon Rise/Set</b>	8:54AM 9:11PM	9:25AM 10:00PM	9:57AM 10:50PM
<b>Moon Phase/illu</b>	Waxing Crescent, 16%	Waxing Crescent, 24%	Waxing Crescent, 33%
<b>Nautical Twilight</b>	05:44, 18:47	05:43, 18:48	05:43, 18:48
<b>Civil Twilight</b>	06:11, 18:21	06:10, 18:21	06:10, 18:22
<b>Humidity</b>	D : 67% N : 89%	D : 65% N : 86%	D : 61% N : 80%
<b>Barometer (mb)</b>	1012	1012	1012
<b>Visibility</b>	Hazy/ Moderate	Hazy/ Moderate	Hazy/ Moderate
<b>Precip Chance</b>	9%	8%	6%
<b>Wind (mph)</b>	9 km/h W	8 km/h W	7km/h N

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



# SATELLITE VIEW OF BAY OF BENGAL



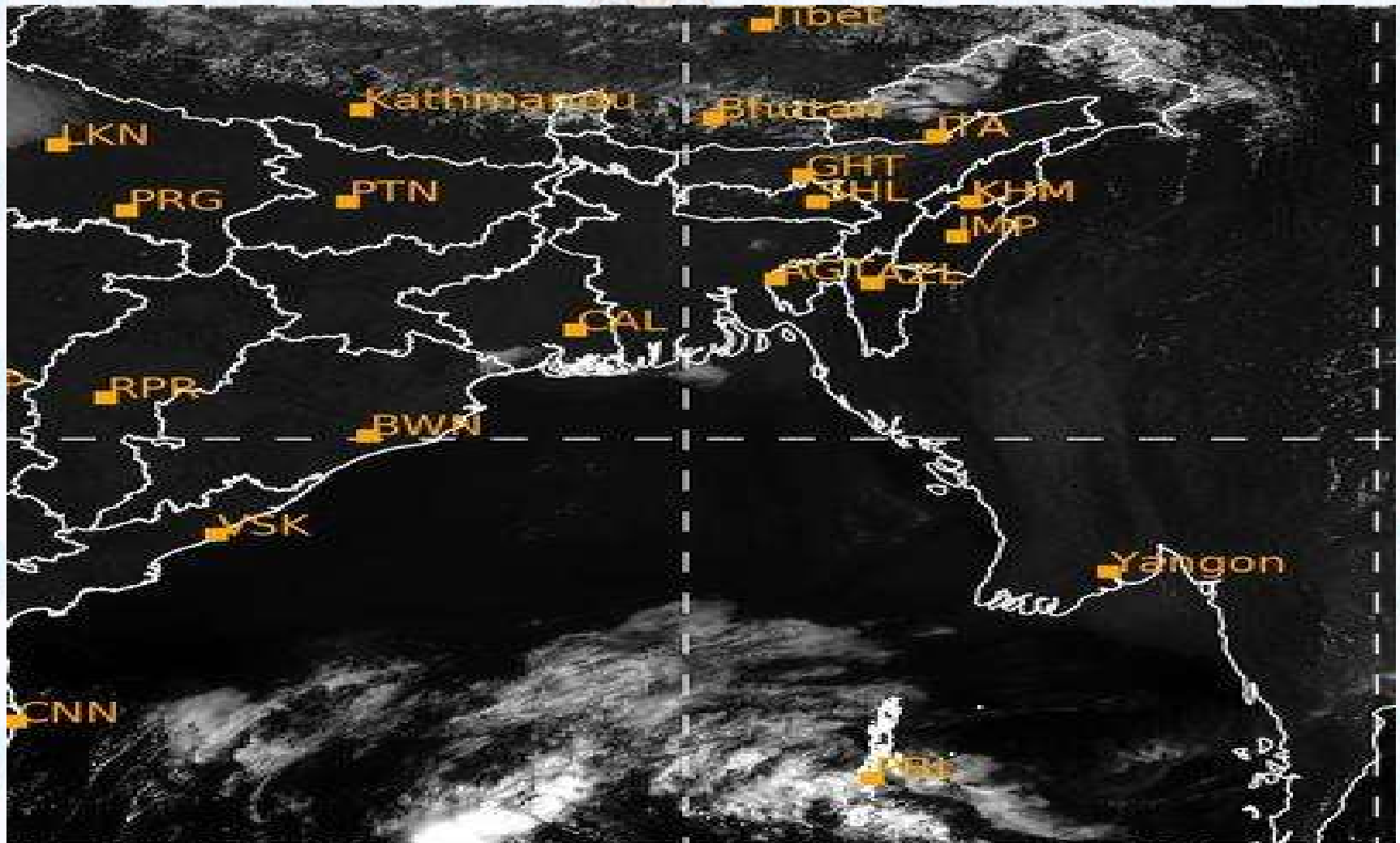
14/02/2021, 11:00 UTC MATSAT-IR

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





# SATELLITE VIEW OF BAY OF BENGAL



14/02/2021, 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 14.02.2021)

<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 AREA C-90.
	Wind	WEST/ NORTH-WESTERLY, 08-15 KTS.
	Visibility	03-05 KMS, REDUCING TO 1000 M OR LESS IN MIST/ FOG.
	Outlook	FOR SUBSEQUENT 12 HOURS: LITTLE CHANGE.
	MSL Pressure	AT = 14,0000 UTC. CHATTOGRAM =1015 HPA



# Inland River Port Warning (VALID TILL 06 PM OF 14.02.2020)

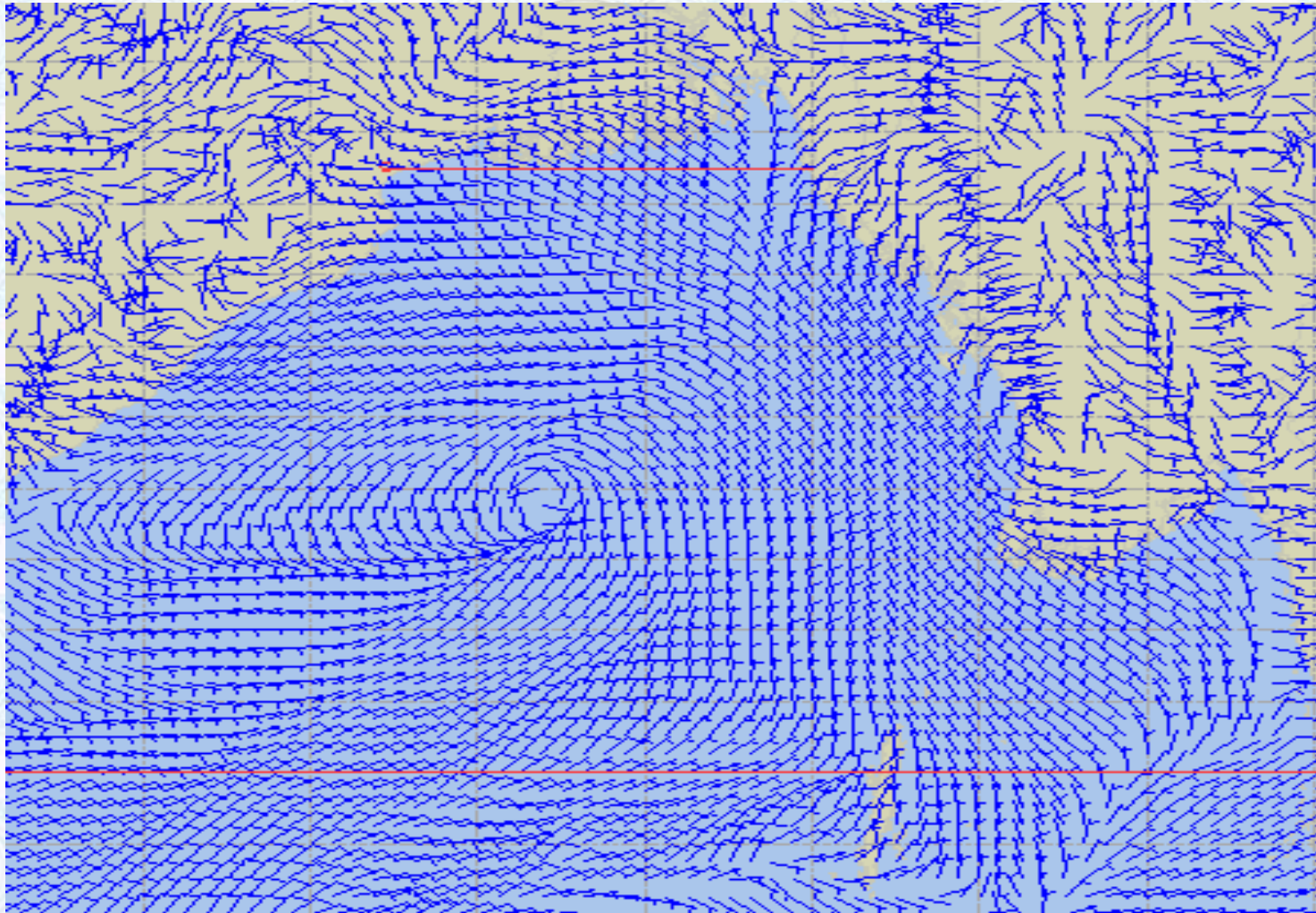
THERE IS NO INLAND RIVERPORT WARNING AND NO SIGNAL IS TO BE HOISTED.



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



# Surface Wind Forecast- 15 Feb - 2021



**Legend:**



**Calm  
Winds**



**5 Knots**



**10 Knots**



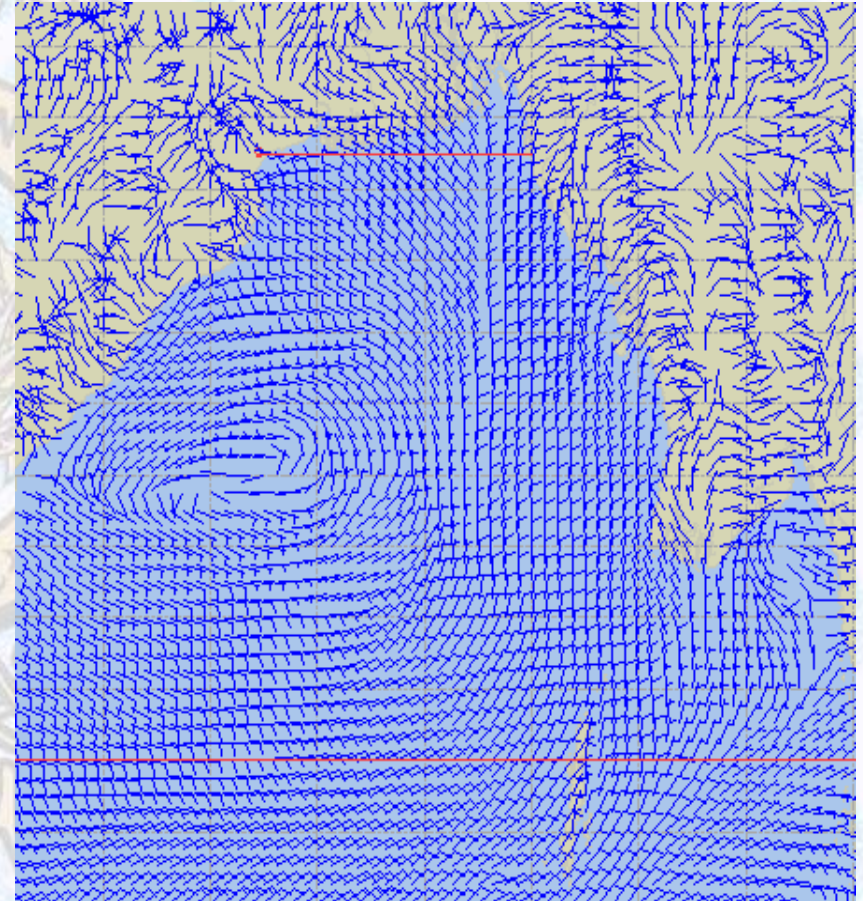
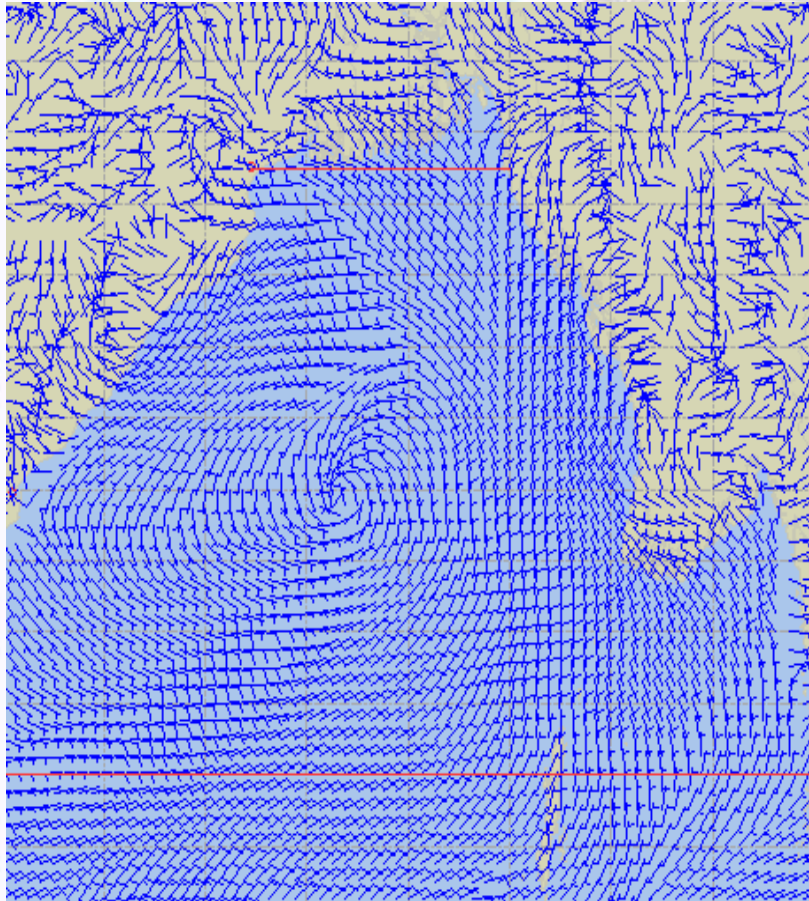
**60 Knots**



# Surface Wind Forecast – 16 & 17 Feb - 2021

16 Feb 21 Tuesday

17 Feb 21 Wednesday



**Legend:**



Calm  
Winds



5 Knots



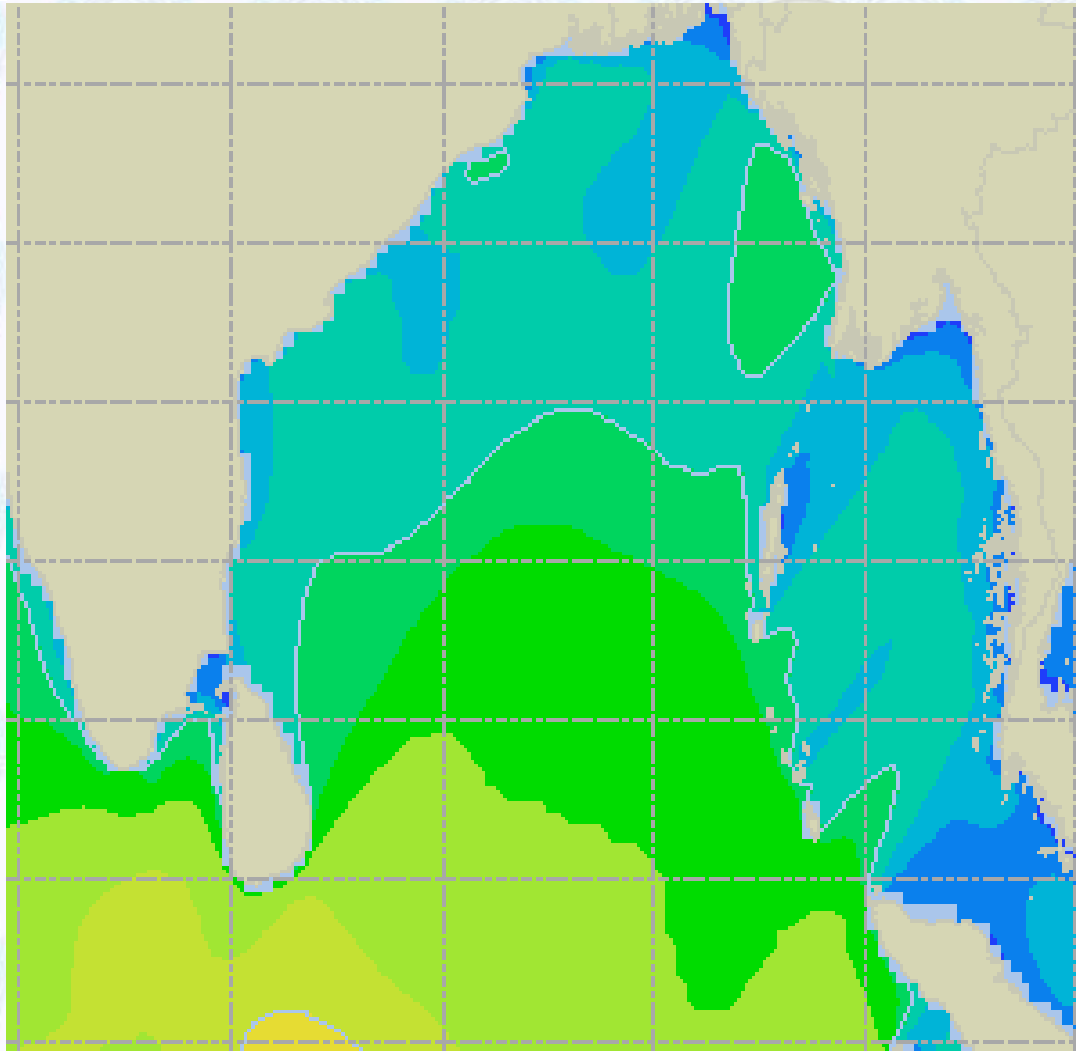
10 Knots



60 Knots



# Sea State Forecast – 15 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

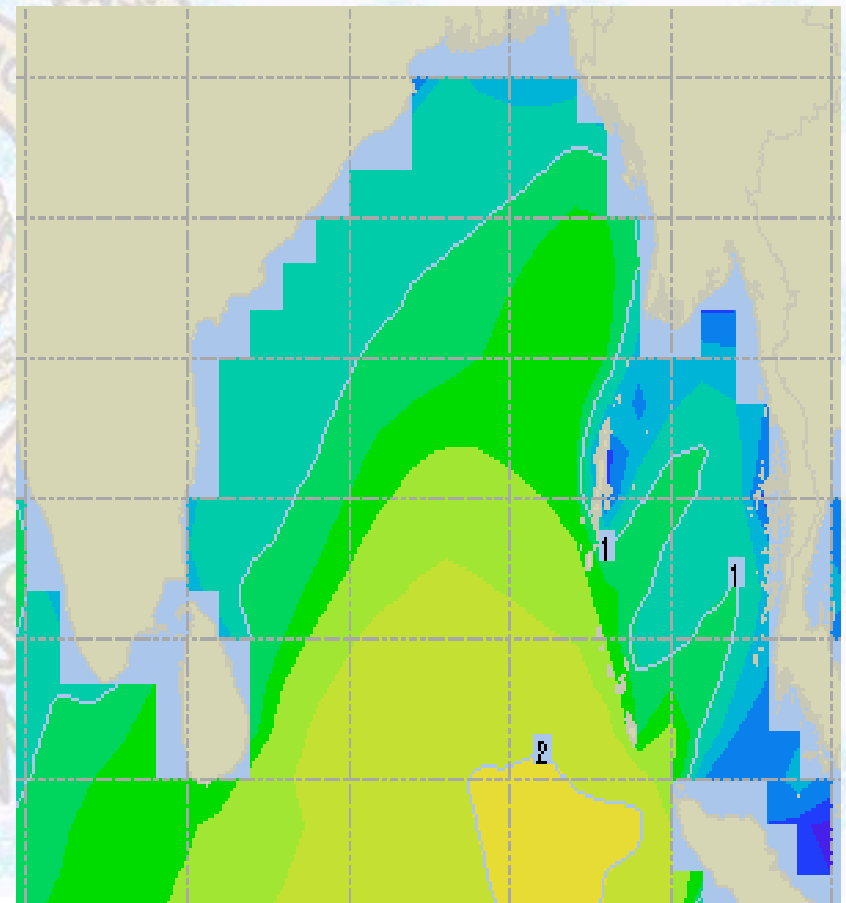
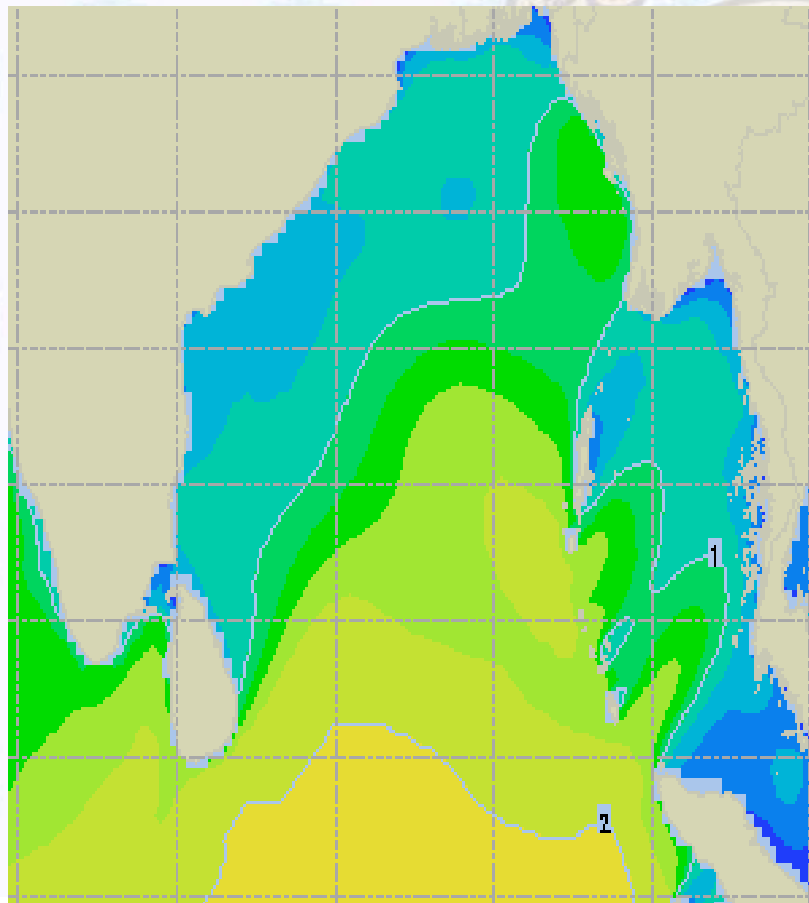




# Sea State Forecast – 16 & 17 Feb - 2021

16 Feb 21 Tuesday

17 Feb 21 Wednesday

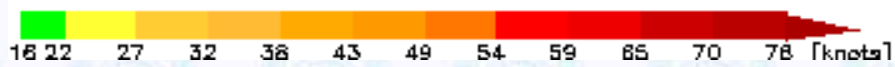
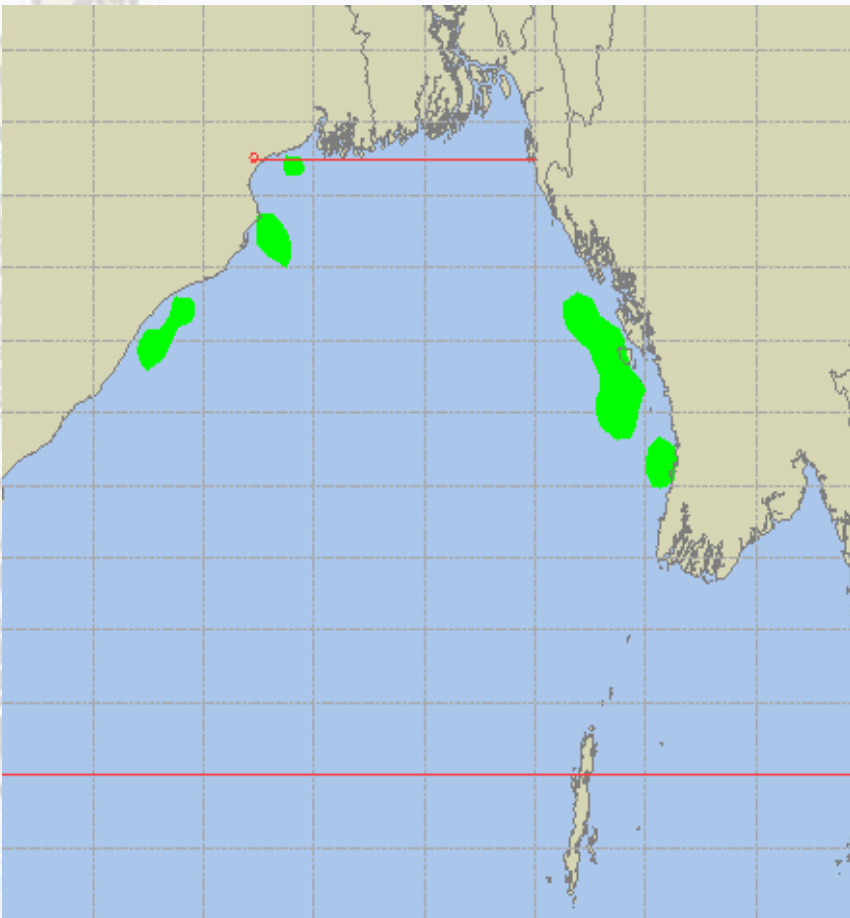
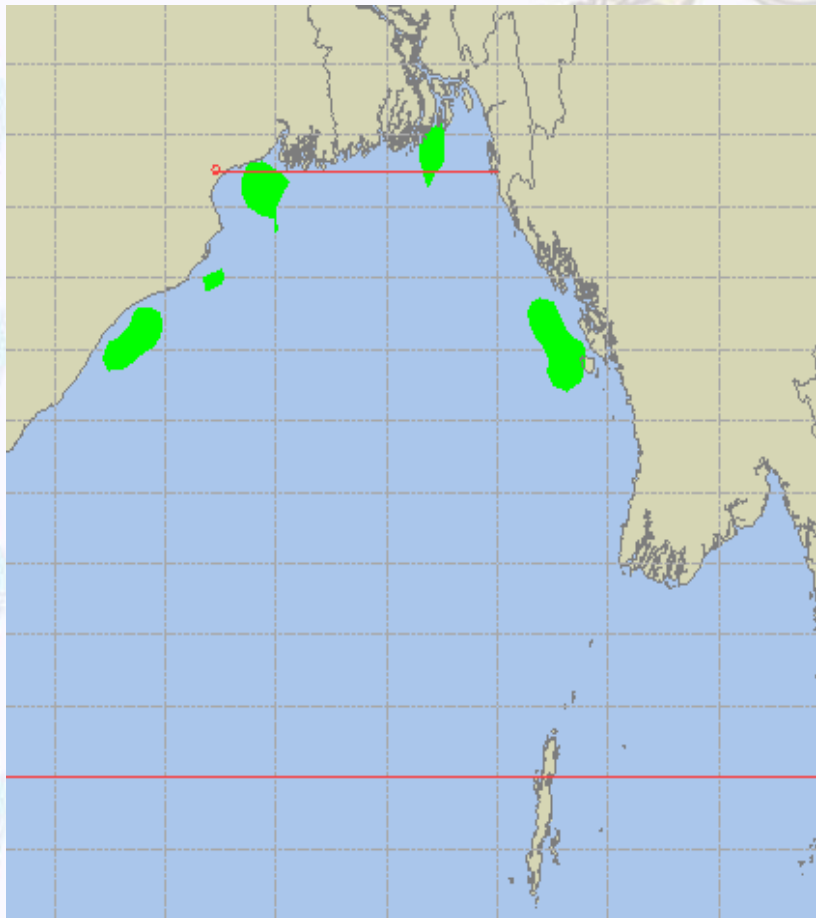




# Peak Gusting Possibilities– 15 & 16 Feb 2021

## 15 Feb 21 Monday

## 16 Feb 21 Tuesday

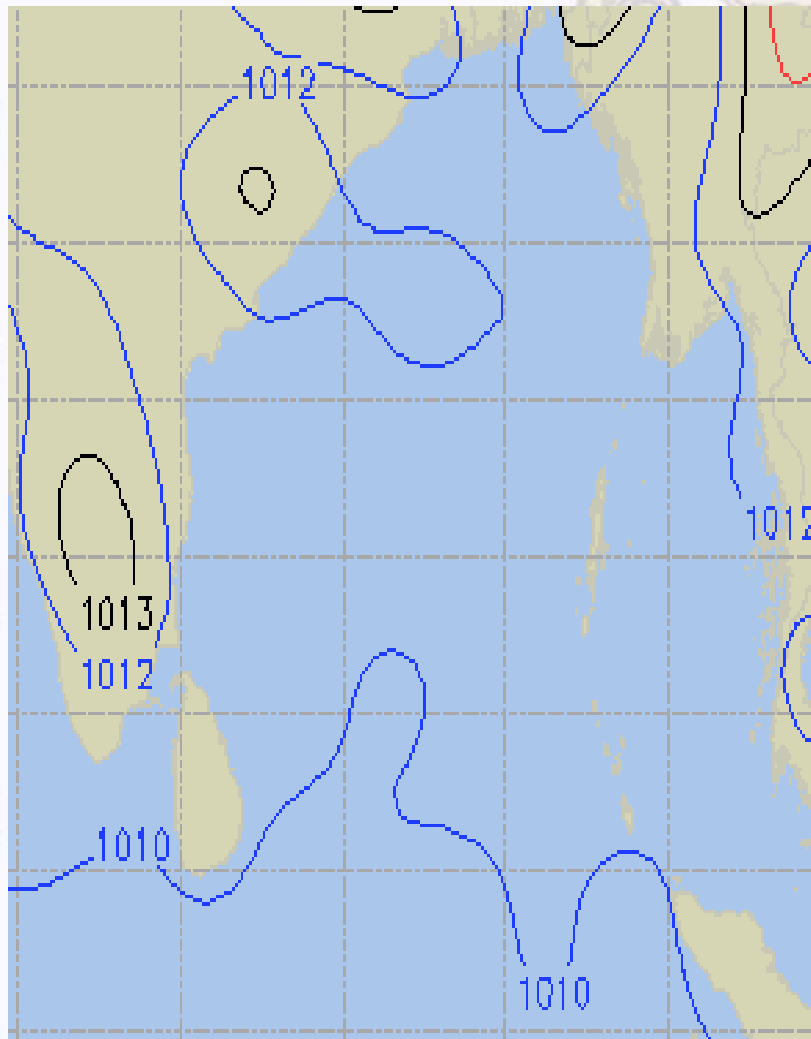




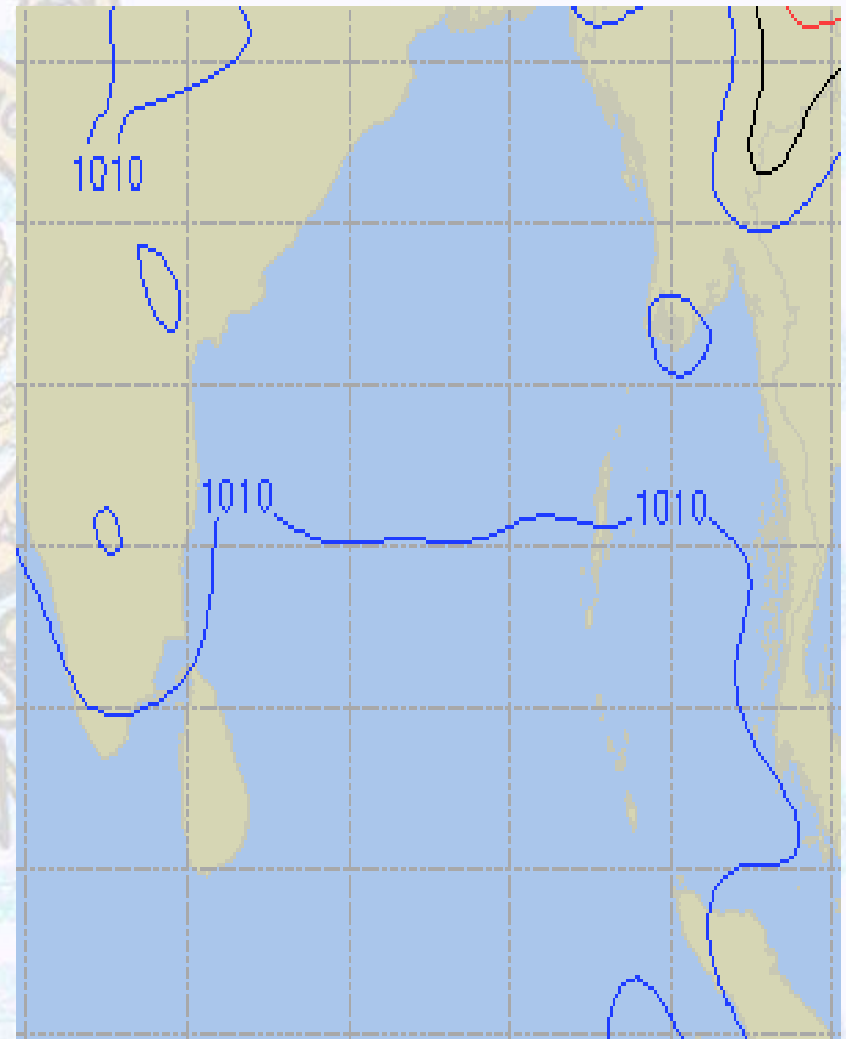


# Surface Pressure forecast – 15 & 16 Feb 2021

15 Feb 21 Monday



16 Feb 21 Tuesday

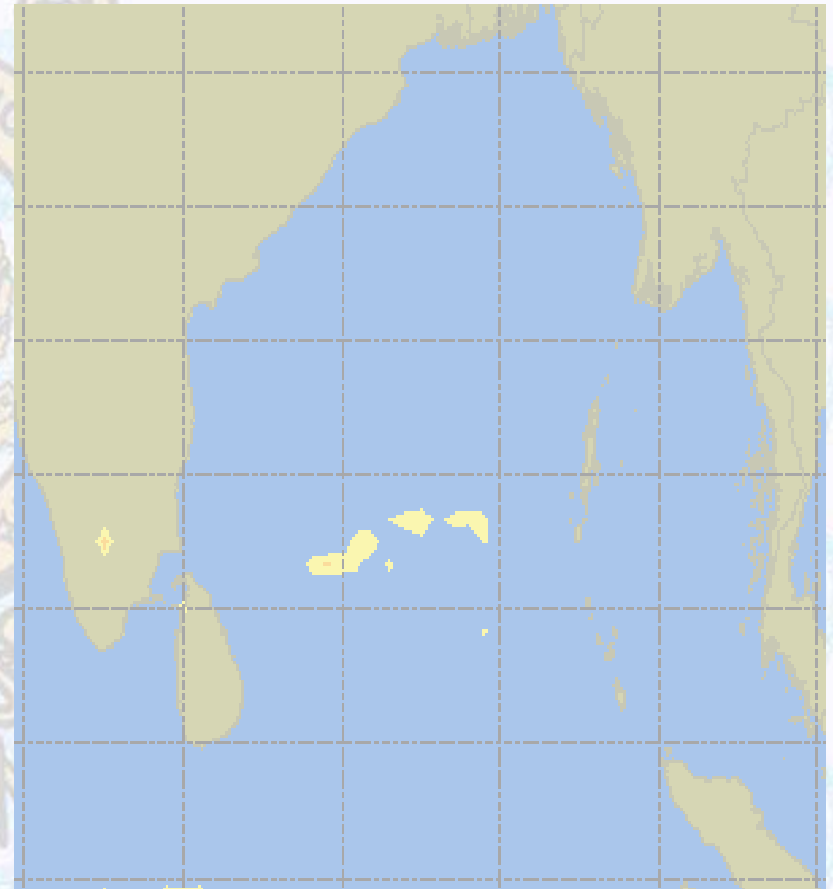
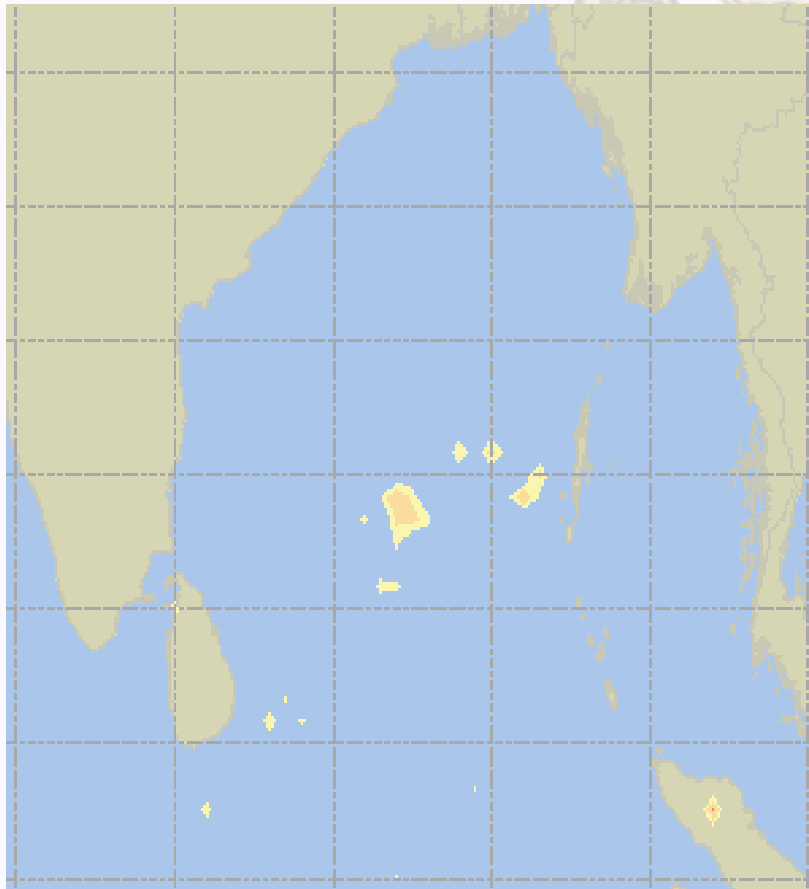




# Visibility at Sea Forecast – 15 & 16 Feb 2021

15 Feb 21 Monday

16 Feb 21 Tuesday



**Visibility Scale:**



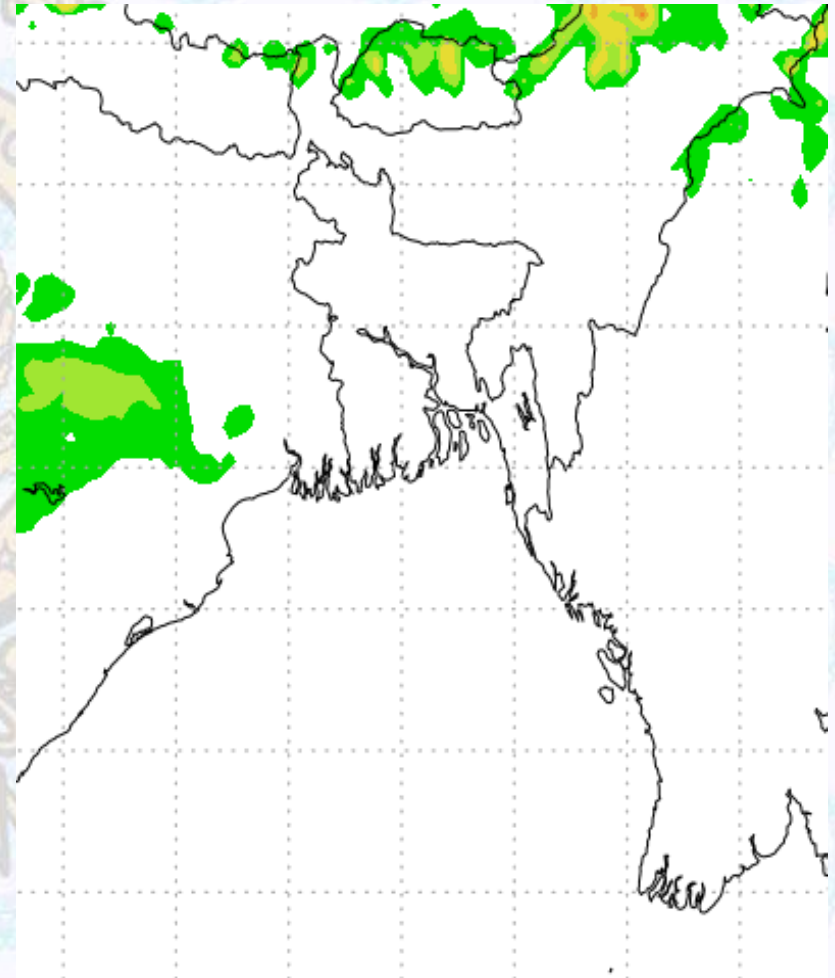
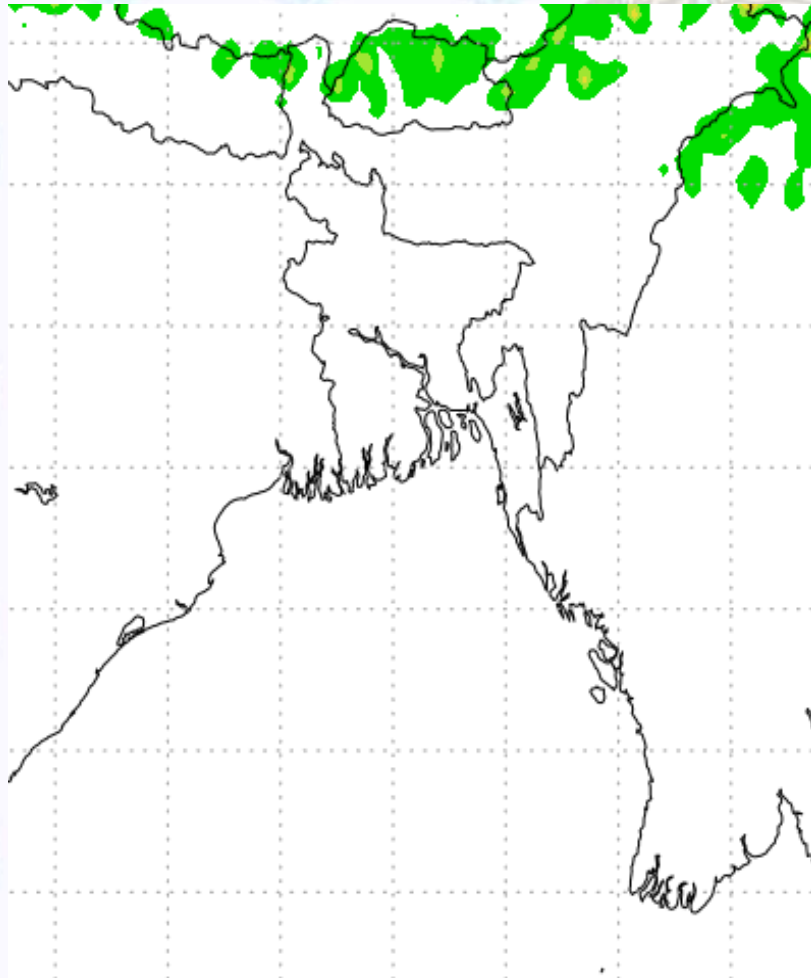
Ref (Slide 12-18): <http://www.weatheronline.co.uk/marine/weather?LEVEL>



# Precipitation

Rain(mm) 15 & 16 Feb 21

Rain(mm) 16 & 17 Feb 21



Precipitation Scale (mm):





# Tidal Information

## KHAL NO. 10

## COX'S BAZAR

## HIRAN POINT

<b>15 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0245	4.35		0038	3.29		0035	2.78
	0930	0.28		0712	0.24		0700	0.37
	1512	4.09		1255	2.92		1256	2.62
	2135	0.48		1920	0.30		1905	0.53
<b>16 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0318	4.24		0111	3.15		0102	2.68
	0956	0.32		0740	0.31		0724	0.44
	1545	4.03		1329	2.81		1325	2.56
	2206	0.58		1950	0.39		1933	0.64
<b>17 Feb 2021</b>	<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>		<b>Time</b>	<b>Height</b>
	0353	4.04		0144	2.94		0129	2.56
	1024	0.42		0807	0.41		0749	0.53
	1621	3.89		1403	2.67		1357	2.48
	2240	0.73		2020	0.51		2004	0.79